JADAVPUR UNIVERSITY

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APPENDICES

to

SELF-STUDY REPORT

for submission to

the National Assessment & Accreditation Council

Faculty of Arts

Faculty of Science

Faculty of Engineering & Technology

Faculty of Interdisciplinary Studies, Law & Management

Special Programmes

JULY 2014
# Table of Contents

**Faculty of Arts**

1. Bengali  
2. Comparative Literature  
3. Economics  
4. Education  
5. English  
6. Film Studies  
7. History  
8. International Relations  
9. Library & Information Science  
10. Philosophy  
11. Physical Education  
12. Sanskrit  
13. Sociology

**Faculty of Science**

1. Chemistry  
2. Geology  
3. Instrumentation Science  
4. Life Science & Biotechnology  
5. Mathematics  
6. Physics

**Faculty of Engineering & Technology**

1. Adult, Continuing Education & Extension  
2. Architecture  
3. Chemical Engineering  
4. Civil Engineering  
5. Computer Science  
6. Construction Engineering  
7. Electrical Engineering  
8. Electronics & Telecommunication Engineering  
9. Food Technology & Bio-Chemical Engineering  
10. Information Technology  
11. Instrumentation & Electronics Engineering  
12. Mechanical Engineering  
13. Metallurgical & Material Engineering  
14. Pharmaceutical Technology  
15. Power Engineering
16. Printing Engineering 437
17. Production Engineering 438

Faculty of Interdisciplinary Studies, Law & Management

| School of Advanced Studies on Industrial Pollution Control Engineering | 451 |
| School of Automotive Engineering | 455 |
| School of Bioscience & Engineering | 456 |
| School of Cognitive Science | 465 |
| School of Cultural Texts & Records | 467 |
| School of Education Technology | 473 |
| School of Energy Studies | 478 |
| School of Environmental Radiation & Archaeological Sciences | 480 |
| School of Environmental Studies | 482 |
| School of Illumination Science, Engineering & Design | 487 |
| School of International Relations & Strategic Studies | 489 |
| School of Languages & Linguistics | 490 |
| School of Laser Science & Engineering | 496 |
| School of Material Science & Nanotechnology | 497 |
| School of Media, Communication & Culture | 506 |
| School of Mobile Computing & Communication | 510 |
| School of Natural Product Studies | 521 |
| School of Nuclear Studies & Application | 527 |
| School of Oceanographic Studies | 528 |
| School of Water Resources Engineering | 533 |
| School of Women’s Studies | 538 |

Special Programmes

| GLOBAL CHANGE | 564 |
| SYLFF | 567 |
NOTE

This volume contains appendices to the entries under individual departments, schools and special programmes, as given in Volume II, Parts 1, 2, and 3, of the SSR. These appendices are, for the most part, lists of publications, but some other information, such as conferences organized, doctoral supervision and so on, have also been included here.
FACULTY OF ARTS
DEPARTMENT OF BENGALI

Articles published in reputed journals

Satyabati Giri

7. ‘Char Chandali Punarbikshane’ in edited book *Amader Rabindranath* published by Birpara College, Jalpaiguri
8. ‘Lokasamskriti O Lokashilpe Rabindranath’ in an edited volume published by Netajinagar College
9. ‘Lokadarpane Rabindranath’ in Departmental Journal, Department of Bengali, Rajshahi University
10. ‘Vidyapati O Rabindranath’ in a little magazine (Number Title: ‘Rabindranath Smarane Bismarane’)
11. ‘Nalini Berar Shabarcharit’ in an edited volume published by Department of Bengali, Assam University.

Achintya Biswas

1. “Folklore in the New Millenium: The Challenge and Perspective”; a paper published in the bi-lingual Volume (English & Kannada) published as the Commemoration Volume to honour noted folklorist Prof. S.K. Pujar, Professor of Social Work, Dharwad University, Dharwad, Karnataka, April 2012
4. “Swami Vivekanander Srihas Darshan”; *Arunaron*, Nagaon, Assam on behalf of Nogaon Bangali Sammilani, April 2012
5. “Bangla Puthir Aloy Rabindranather Desh”; *Atho Dhoritri Kotha*, Kolkata, April-June 2012
7. Rabindranather Gaan / Bagarther Nandanik Path; Porichoy, Kolkata, April 2012
8. Bankimchandrer Bijnan Darshan o Jatiyotabad, Swastika, Kolkata, October 2012
9. Shree Ramkrishner Lekha Puthite Rarher Vasha Poridhi; Dakshinaborto, Bankura, October 2012
10. Gourbanger Bouddhomurti; *Athr Dhoritri Kotha*, Kolkata, October-December 2012
11. Kalapani Theke Fera, Atho Dhoritri Kotha, Kolkata, January 2013

Udaykumar Chakraborty

1. Buddhadebv Basur Chhanda Vabana; Ebong Ei Samoy, Kolkata, March-May 2008

Sampa Choudhury

4. ‘Ahanar Galpo’ in *Ebong Mushayera* Magazine, Shradiya 1418
5. ‘Rat Bhore Bristi : Sorit Swadhidkar o Ananya Malati’ in Suvashree Magazine 2011
7. ‘Sukhobasi: Banchanar Parhas’, *Ebong Mushayera*, Upanyas Bishesh Sonkhy, Sharadiya 1414
9. Raat Bhore Bristi: Swadhidkar o Ananya Malati, , Subhasree, 2011

Book Reviews:
1. ‘Pathakpriyatar Moha Abaran’ in Boier Desh, April-June 2011
2. ‘Nissanga Asayh Kannar Barnamala’ in Boier Desh, July-September 2011
3. ‘Chena Hoyeo Achen’ in Boier Desh, October-December 2011

Sekharkumar Samaddar
2. “Sambhu Mitrer Natyasadhanada”, Sas nirbachita Prabandha Sankalan, January 2010

Ananya Baruya
5. ‘Samjog Samanwayer Bitarka : Charyapada’ in Jagajyoti, 2011
7. ‘Samjog Samanwayer Bitarka : Charyapada’ in Jagajyoti, 2011

Sutapa Sengupta
2. ‘The Poetry Written by Earth : The Diversity of Language and the Creativity of Poetry Translation under the Background of International Communication’ in original (English) and Translation(Chinese) in an anthology of the 3rd Qinghai Lake International Poetry Festival 2011 Published by Govt of Chaina at Qinghai, China

Abdul Kafi

Barendu Mandal
3. “Samir Chaudhuri O Raktabijer Sei Sab Upakhyan”, Ujagar, 2009
5. “Galper Kolakat : Kolatar Galpo”, Galpomela, 2009
6. “Ichamati Sei Sab Bani Sei Sab Itihas”, Rupkatha, 2009
12. ‘Chitrakalper Abhijnan : Hasan Ajilul Haque-er Galpo’ in Galpokatha, Bangladesh, February 2012
Rajyeswar Sinha

2. Bangalir Bhraman, bhramankahini ebang tirthabhraman bishayak ekti prastah, Anustup, 2012

Joydeep Ghosh

2. “Panchishe Baisakher Khnoje” (Bishnu Dey-r bhabnay Rabindranath), Jagari, December 2008

Books:

Achintya Biswas

1. ‘Samuttha Mahabharata : Ambedkar O Ttar Desh’ from Purbalok 2012
2. ‘Rabindranather Desh’ from Vidya 2012
3. ‘Bangla Purthir Katha’ from Vidya 2012
4. Sammuttho Mahabharat/ Amvedkar o Tnar Somoy; Purbalok Publication, Kolkata, July 2012
5. Chomar Dholak: A novel translated from Kannada into Bengali, from M. Shivarama

Udaykumar Chakrabarty


Shampa Chowdhury

1. ‘Ramapada Choudhurir kathashilpa : Samay jekhane nayak’, Ebam Mushayera, Kolkata

Ananya Baruya

1. Lokakhadya Lokachikit, published under DRS-SAP, Department of Bengali, JU, 2011

Edited Books:

Achintya Biswas

2. Karanth’s ‘Chomana Dudi’, edited by Achintya Biswas with a brief introduction also, Purbalok Publication, Kolkata, July 2012

Shampa Chowdhury

1. “Sahtiya Patrikay Rabindraprasanga” (co-edited with Subba Chakraborry Dasgupta and Smita Khator), Dey’s Publishing, January, 2009. Published under the aegis of Rabindra Adhayan Kendra and School of Cultural Texts and Records, JU, with assistance from UGC.
5. “Chhotogalper Antarmahal” (edited anthology of analytical essays on Bengali short stories with a critical introduction), Ratnabali, April 2009.
7. Prosanga: Premendra Mittrer Nirbachito Chhotogalpo, Vidya, August 2012
8. Prasanga Bangla Chhotogalpo: Swadhinatar age o pore (Edited anthology of articles with a critical introduction to short story theory and development of the short story genre in Bengali), Ratnabali, Kolkata, September 2008
Ananya Baruya

1. Lokakathar Katha’, Published under DRS-SAP, Department of Bengali, JU

Barendu Mandal


Monographs:

Sekhar Samaddar

‘Simanta Rarher Jhumur Padavali’ jointly written with Mihirlal Sing Deo, published under DRS project Department of Bengali JU

Joydeep Ghosh

Secular bangalir bibek O Bibekananda, Charvaka, 2012

Departmental publication (monograph):

1. Manabendra Bandyopadhyay, “Kathakatar Tin Dik’, 2008-09
3. Arun Sen, ‘Bangladesher Upanyaser Age pare’, 2010-11

Departmental publication (book):

1. “Arpan”, a tribute to the ex-teachers of Bengali Department, JU, edited by Dr. Dipanwita Ghosh

An annual departmental journal is published every academic year.

Chapter in Books :

DEPARTMENT OF COMPARATIVE LITERATURE

Invited lectures, etc.

Subha Chakraborty Dasgupta
April 2012, Rutgers University, invited talk on Rabindranath and his Concept of Visvasahitya or World Literature
April 2012, Visiting Faculty at University of Georgia, Athens, talk on Diasporic Literature
July 2011 - February 2012, Visiting Professor at Dept of MIL & LS, University of Delhi
August 2012, Keynote address at 12th Refresher Course in English, Jamia Millia, Delhi on Interdisciplinarity and English Studies
September 2012, Invited talk on “Why Compare?” at the Department of Germanic and Romance Studies, University of Delhi
October, 2012, Invited talk on Comparative Literature and the New Humanities, IGNOU, New Delhi at Workshop on Comparative Literature, Translation Studies and New Humanities
February 2013, Co-directed Seminar on Women’s Texts and Historiography”, Dept of MIL & LS, University of Delhi, and presented the Introductory Note.
February 2013, Plenary speaker at the seminar on “Comparing to What Purpose?” International Conference of the Goethe Society of India, JNU, New Delhi.
Keynote address at Jamia Milia, New Delhi, Refresher Course on “Constructing Cultures: History, Literature and the Fine Arts”, July 16, 2012
Invited paper entitled “Rabindranath Tagore’s Oeuvre and Dialogues with Ecology and Culture” in National Seminar on ‘Rabindranath Tagore and Contemporary Indian Social Sciences’ organized by Indian Council of Social Science Research, NEHU Campus, Shillong, September 15-16, 2012
Invited paper entitled “Ethical Responsibilities and Representations of the ‘Other’ in Fiction” in National Seminar on ‘Engaging the Other in South Asian Literature in English’, at Narendrapur College in collaboration with Sahitya Akademi in February, 2012
Organised a one day workshop with folk artists under “Bhromora” at EZCC entitled “Amar Lokgan, Amar Bhabisyate” in March 2012
Invited Speaker, R.K. Dasgupta Panel on Comparative Literature at International Congress of Bengal Studies, Delhi University, January 2010.
Invited Lecture, “Comparative Studies in Indian Literatures”, Academic Staff College, Gujarat University, Ahmedabad, March 2010
Orientation Lecture at the Knowledge Text Translation Workshop jointly organised by National Translation Mission, CII, Mysore and Dept. of Comparative Literature, JU, March 2010
Keynote address National Conference on Approaches to Translation: Indian and Asian Perspectives— “Discourse of Boundaries and Novels: with Special Reference to Subarmalata”, CII, Mysore, North Bengal University, Siliguri, 9-10 November, 2009.

Suchorita Chattopadhyay
Lead Discussant in Roundtable Discussions on ‘India-Canada Collaboration in Higher Education – the Road Ahead’ held at the India Habitat Centre, New Delhi, organized by Shastri Indo-Canadian Institute, Canada & India, New Delhi, February 2013.
Resource Person at SNDT University Mumbai, Department of English in collaboration with U.G.C. Area Studies Centre for Canadian Studies, Round Table on “Rethinking Literature Studies: Perspectives from India and Canada” March 2013.
Paper presented at the Xth CLAI Biennial International Conference on “Social Imagination in Comparative Perspectives: Languages, Cultures and Literatures”, organized under the auspices of Central University of Gujarat, Gandhinagar, March 2011
Invited lecture delivered and session chaired at the International Conference on ‘Engaging Canada: A Multi-Disciplinary Conference’ in collaboration with the Indian Institute of Management, Calcutta, December 2011
Invited lecture delivered and session chaired at the International Seminar on ‘Meeting Youth Needs in the 21st Century Canada and India: Youth Work, Young People and Youth Policy’ in collaboration with the Department of Sociology, University of Calcutta, November 2011
Invited speaker at the Roundtable on “Shastri Indo-Canadian Institute’s Role in Mapping of Internationalization of Higher Education in India and Canada” at the symposium “Shifting Paradigms: Mapping Internationalization of Education in India”, Dr. Ram Manohar Lohia National Law University, Lucknow, April 2010
Resource person at the Shastri Indo-Canadian Institute’s Canadian Studies Fellowship Orientation Programme for Indian Scholars 2010-11, at the Lecture Hall, India International Centre, New Delhi, May, 2010.
“Canadian Studies in India: Relevance and Praxis”, invited lecture delivered at the University of Victoria, Canada, July 2009.

Kavita Panjabi
‘Eros and Politics: “Desire in the Face of Armed Struggle”’, at the seminar Love And Revolution, a collaborative seminar: University of the Western Cape, South Africa, University of Minnesota, USA, and Nehru Memorial Museum and Library, at the Nehru Memorial Museum and Library, Teen Murti, New Delhi, January 2012

Ipshita Chanda
“The Indian Short Story : Reading Comparatively” in The Indian Short Story at the Crossroads, UGC sponsored National Seminar at Ramakrishna Vidyamandira, Belur February 2012.
“Gender in the society of Tagore’s novels” at the seminar on Rabindranath Tagore and Society, Department of Sociology, Calcutta University, December 2011.
“The Songster's a Mango Bird : Rabindranath Tagore and Chinese poetry” at the Third All-India Conference of China Studies, Kolkata, December 2010 organised by Institute of Chinese Studies, CSDS and Hariprasanna Biswas Centre for India-China Cultural Studies, Jadavpur University
“Mleccha/Yavan/Shudra/Mayavadi: Communities in the Chaitanya Charitamrita” at “Sant Tukaram and the Bhakti Tradition”, Sahitya Akademi Annual Festival of Letters, Delhi February 2009
“Translating Suvarnalata”, in “Translations of Suvarnalata’ seminar organised by CIIL, Mysore , at North Bengal University, November 2009
“Tulnatmak Sahitya aur Bhartiya Sahitya Paath”; Tulnatmak Bharatiya Sahitya, Rashtriya Sangoshthi, Sahitya Akademi and Dept. of Hindi, Jaipur University, February 2010
“Comparative Literature/World Literature : The Indian Perspective” presented at the Presidential Panel on Comparative Literature and World Literature at the 20th Conference of the International Association of Comparative Literature, Sorbonne IV, Paris July 2013.
Plenary session on Historiography of Minority Discourse; International Conference of the Comparative Literature Association of India, Kishengarh, Rajasthan Central University, February 2012.
“From Time to Time I Inhabit One of My Wounds Like the Light of Hidden Flowers: Questions to European Modernism from World Literature” at “Tagore, Neruda, Cesaire: a view from the South”; IIAS, Shimla & UNESCO; Shimla, October 2011.
“Orality as Knowledge System?” Plenary session at the Orality seminar CAS, JU, January 2010
Plenary session on Historiography; International Conference of Comparative Literature Association of India & Centre for English and Comparative Literary Studies, Rajkot, University of Saurashtra, March 2010
“Literatures of Displacement: Somalia, Sudan, Palestine”, International seminar on Migration and Displacement, Jadavpur Association of International Relations, March 2009
“Dui ki Zindagi, Urdu Adab aur Bantwarey ka masla”, International conference on The Effect of Partition on Indian Literature, Presidency University & Gandhi Centre for North Eastern Languages, Bengali, Santhali and Hindi, September 2010
Resource person for Sir Ratan Tata Trust sponsored Residential Workshop conducted by the School of Women's Studies, JU; panel on Feminisms and lecture on Gender in Literature and Culture, panel on Gender and Culture; May 2009.
Lecture on Media Studies and Women’s Studies as Systems of Knowledge, May 2010
Workshop for preparation of Translation Dictionary, Maulana Azad National Urdu University, Hyderabad; NTM –CIIIL, Mysore, March 2010
“A Comparative Methodology for Translation Studies”, Plenary Session at School of Translation and Training, Indira Gandhi National Open University, Delhi, March 2012.
“Poetics of Hearing” at the Department of Translation Studies, English & Foreign Languages University; Hyderabad November 2011
“Translating Metaphor” and “The Ethics of Translation” at the Centre for Applied Linguistics and Translation Studies, Central University of Hyderabad November 2011
“Rabindranath Tagore and Modernity in Bangla Poetry”; Centre for South Asian Studies, Peking University, May 2011
‘Comparative Literature and Cultural Studies’, University of Hyderabad, Centre for Comparative Literature, August 2008
‘Comparative Literature: The Discipline that Lived’ at Georgetown University, Washington DC, October 2008
Panel on the ‘African-American Diaspora’ at John Tyler Community College, Midlothian campus, Richmond, Virginia, USA, October 2008
“Naribaader Bharatiya Utsha Shandhan : Mahadevi Verma, Lila Majumdar, Ismat Chughtai ”; International Seminar on Women in Contemporary Society, Culture and Literature, Centre for Gender and Culture Studies, Department of Bengali, Assam University, Silchar, February 2012.
UGC-sponsored National Workshop on Translation, D.R. College, Golaghat (Assam) on Translation of Short Stories from English to Assamese, Department of English, Debraj Roy College, Golaghat (Assam) July 2012
"Reading and Re-Reading Contemporary Women Writers of North-East India". J B College, Golaghat, Assam, May 2013.

Samantak Das
Invited to deliver a lecture on “Text, Translation and Author: some reflections” at the two-day National Seminar on “Origin and Development of Indian Languages: a comparative study”, organised by the Department of Sanskrit, Bankura Zilla Saradamani Mahila Mahavidyalaya, Bankura, August 2008.
Lecture on “Modernity and Progress: Biology and Literature” at the Refresher Course on “Cinema and Modernity: Historical Perspectives” organised by the Department of Film Studies, Jadavpur University, November 2008.
Invited to deliver a lecture on “Romanticism” at Sammilani Mahavidyalaya, Kolkata, on December 2008.
Invited to deliver lectures on “Darwin’s Thought” and “Darwin’s Thought and Literary Texts” at the Refresher Course on “Literature and Thought”, organised by the Department of English, Jadavpur University, February 2009.
Invited lecture on “Untranslatability and Translation” at the National Seminar on “Translation Studies from and into Sanskrit and Related Languages”, organised by the Department of Sanskrit, Jadavpur University, February 2009.
Invited lecture on “From ‘Genealogy’ to ‘Ecology’: Charles Darwin and Charles Dickens” at the three-day National Seminar on “Meaning and Understanding in Human and Literary Studies”, organised by Assam University, Silchar, Assam, March 2009.
Invited to act as Resource Person for the Interactive Workshop “Tactical Media 1: Campaigns, Campus, Conversations”, organised by The Media Lab, Department of Film Studies, Jadavpur University, April-May 2009.
Invited to deliver the third “Darwin Anniversary Public Lecture Series” lecture, entitled “Evolutionary Tales: Darwin and English popular fiction” at the National Centre for Biological Sciences, Tata Institute of Fundamental Research, Bangalore, on July 2009.
Invited lecture on “Written on the Body: the use and abuse of the (usually human) body in science, medicine and literature in nineteenth-century England” at the three-day International Conference on “The Expanding Universe: Science and Literature in the Nineteenth Century”, organised by the Department of English, Jadavpur University, February 2010.
Orientation Lecture at the Knowledge Text Translation Workshop organized jointly by CIIIL, Mysore and Department of Comparative Literature, Jadavpur University, March 2010.
Lecture-presentation, jointly with Professor Gautam Gupta of the Department of Economics, Jadavpur University, “Primary Education in West Bengal: a brief overview” at the National Seminar on “Education Scenario in West Bengal: Implications for Human Development”, organised by the Centre for Human Development and Human Rights, Rabindra Bharati University, Kolkata, March 2011.

Invited lecture, “Samrajyabaad, punjibaad, paribesh: aaj o kaal” at the UGC-sponsored seminar on “Samrajyabaad o punjibaad: ei samay”, organised by the Centre for Marxian Studies, Jadavpur University, March 2011.

Two invited lectures, “Violence and the Body I” and “Violence and the Body II” at the Refresher Course on “Violence and Its Representation in Literature and Other Art Forms” organised by Burdwan University, June 2011.

Invited lecture, “The Violent Body and the Origins of Western Criminology” at the Orientation Programme organised by the UGC-Academic Staff College, Jadavpur University, September 2011.

Two invited lectures, “Darwin and His Afterlives I” and “Darwin and His Afterlives II”, at the Refresher Course on “Texts and Their Afterlives” organised by the Department of English, Jadavpur University, November 2011.

Invited lecture, “The Champion’s Several Bodies: some reflections on sport and the problem of identity”, at the International Conference on “Sport and the Nation”, organised by the Centre of Advanced Study, Department of English and the School of Media, Communication and Culture, Jadavpur University, January 2012.

Invited lecture, “Rethinking the Body: Darwin and Western Philosophy” at the Refresher Course on “Evolution of Philosophical Thought: Theory and Practice”, organised by the Department of Sanskrit, Jadavpur University, February 2012.


Invited paper, “A Tale of Two Charleses: Dickens and Darwin” at the International Conference on “The Dickens World: Post Imperial Readings”, organised by the Centre of Advanced Study, Department of English, and the Centre for Victorian Studies, Jadavpur University, supported by the British Council, December 2012.


Invited lecture, “‘Unacknowledged legislators’ or creatures ‘driven and derided by vanity’? British society and literature in the long nineteenth century” at the Seminar “Social History and Marxist Practice: an appraisal of British historiography” organised by the Department of History, University of Calcutta, March 2013.

Keynote address at the seminar, “Indian English Poetry: Changing Contours”, organised by the English Teachers’ Association of Vidyasagar University, at Santal Bidroha Sardha Satabarshiki College, Goaltore, Paschim Medinipur, March 2012.

Sucheta Bhattacharya
Chief guest and speaker at two-day seminar on 'Translation and Comparative Literature' at Mar Thoma College, Thiruvalla, Kerala, January 2013.

Chaired an academic session at the XLIth CLAI Conference held at Jadavpur University, January 2013.

Delivered an invited paper entitled 'Tales of Two Cities: Sketches by Boz and Hutom PynaChar Naksha' at The Dickens World: Post-Impperial Readings (December 2012) organized by the Centre of Advanced Study, Department of English, and the Centre for Victorian Studies, Jadavpur University.

Delivered an invited lecture entitled 'The Mysteries of London: images from the Victorian heterotopia' at the the Refresher Course organized by the department of English and the Academic Staff College, Jadavpur University, December 2012.

Delivered a work-in-progress paper at CRASSH, Cambridge University as part of fellowship programme, June 2012.


Presented a paper at the International Comparative Literature Association Triennial Congress at the Sorbonne, Paris, July 2013.
Sujit Kumar Mandal
Invited lecture on Rabindranath Tagore’s translations from non-Indian languages into Bangla, International Conference “Rabindranath Tagore: Transmission, Translation and World Literature”, in collaboration with the Centre of Advanced Study, Department of English, Jadavpur University, March 2012.
Invited lecture on Patua Sangit and the Katha tradition as a part of a series of lectures organized by DSA, Bangla Bibhaga, Jadavpur University in 2012.
Invited lecture on Scroll Paintings of Bengal in the Refresher Course organized by the Department of Comparative Literature and Academic Staff College, JU on “Cross-Cultural Literary Transactions”, February-March 2011.

Parthasarathi Bhaumik
Invited lecture on ‘Humourizing Tension: Borders, Bengali Identities and Beyond’ in the international seminar “Prisms of Displacement: Across the Indian Sub-continent and US-Mexico Borders” organized by the Center For Studies in Latin American Literatures and Cultures, Department of Comparative Literature, Jadavpur University, February 2013.
Invited lecture on ‘Western Influence’ and Indian ‘Reception’: Issues of Rejection, Adaptation, and Discovery in the Bengal School of Art and Greater India Movement’ in the International Conference on ‘Asia-Europe Encounter: Intellectual and Cultural Exchanges, 1900-1950’ held in December 2012 in Singapore, organized by the International Institute for Asian Studies.

Sayantan Dasgupta
Presented three papers at the International Comparative Literature Association Triennial Congress at the Sorbonne, Paris, July 2013.

Epsita Halder
A lecture-demonstration on contemporary Muharram performances across West Bengal, organized by India Foundation for the Arts, Bangalore, March 2013
Two lectures on ‘Women, the LGBT issue and Sexuality’, at the National Workshop on the Research Methodologies in History, organized by Indian Council for Historical Research (North-Eastern Regional Centre), Guwahati, February 2013.
Delivered five lectures on “Feminism and Women’s Movements” at the monthly Academic Circle organized by Sappho for Equality, June, July, August, September, October, 2012.
“Reading Agency in the Shia Women’s Majlises in West Bengal”, at the two-day students’ conference on ‘Agency and Resistance’, March 2012, organized by the School of Women’s Studies, Jadavpur University.

Sumit Kumar Barua
Delivered a lecture on “Banglar Atmashaktir Udbodhone Rabindraprayas O Sikh Itihaser Punarnirman” in an international seminar entitled “Rabindranath O Madhyayuger Sahitya O Sanskriti” at the Department of Bengali, Jadavpur University, April 2011.
Delivered a lecture “Unish Sataker Patabhumikey Mir Mosarraf Hossainer Sahityobhabnar Probonata o Swatantra” in a national seminar organized by the Departments of Bengali and English, Aliah University, February 2013.
Delivered a lecture “Geetika o Rupkatha: Sekal-Ekal o Palagaan” in a national seminar on “Palagaan of North & south 24-Parganas: a search for the ‘tradition in a traditional form’” organized by Project Palagaan, School of Media, Communication & Culture, Social sciences & Cultural Resources (SS & CR), UPE II, Jadavpur University, February 2013.
Invited to present a paper in an UGC International Seminar, Bangla Sahitye Prantajon, Department of Bengali, Rabindra Bharti University, March 2013.
Panel Discussion on “Philosophical Dimensions in Tagore’s Thought”, Department of Philosophy, Jadavpur University, February 2011.
DEPARTMENT OF ECONOMICS

Inter-institutional collaborative projects and associated grants received

a) National collaboration b) International collaboration

(i). Saikat Sinha Roy:


(2) ‘Trade and Investment Policies, Production Network and Inclusive Growth: A Literature Review and a Case Study of India’ funded by UNESCAP-ARTNeT during 2007-09. - jointly

(ii) Malabika Roy

1. Co-investigators: Prof. Ajitava Raychaudhudi (Jadavpur University) and Sri Jayanta Nath Mukhopadhyaya (Faculty, Globysn Business School)
   Project: Performance of the Cement Industry in India - Comparison between pre and post liberalization period.”
   Funding Agency: University Grants Commission (Major research project grant).
   Funding: Rs 3, 50,000/= 

2. Project: Borrowing Patterns in a Rural Economy -A Selective Study
   Funding Agency: ICSSR (Indian Council for Social Science Research) Period: 2009 to 2011  Funding: Rs 3, 96,000/= 

(iii). Vivekananda Mukherjee :

(i) Valuation of an Ecosystem and its Impact on Livelihood Support: The Case Study of East Kolkata Wetlands’, funded by South Asian Network for Development and Environment Economics (Completed in December, 2010). Rs. 6 Lakhs/-

(ii). ‘Determinants of Stamp Duty Revenue in Indian States’, funded by Centre for Training and Research in Public Finance and Policy, Kolkata (Completed in October, 2012). Rs. 2 Lakhs/-

(iv) Poulomi Roy :

UGC Minor research Project ,

a. Title: Evaluation of exposure to indoor air pollution among women and children in rural West Bengal
b. Duration:18 months
c. Funding Agency: UGC
d. Total Grant Sanctioned: 1,40,000
   Do the energy expenditure vis-à-vis nutritional intake and time poverty differ by gender? An Examination from the Poor Urban Population of India UNDP

(v). Gautam Gupta


(II). “Traffic Accident in Kolkata: Causes, Consequences and Policy options” funded by UGC, 2008-2010. Total Grant Rs 7 lakhs

(iii). “Economic and Social Dimensions of Climate Change: A Field Experiment in the Sunderbans” The World Bank

(vi). Arpita Ghose

(i). A study on the Relationship Between R&D Expenditure and Total Factor Productivity Growth of the Firm Level of the Indian Export Intensive Industries: A Nonparametric Approach “financed by ,Indian Council of Social Science Research, Principal Investigator, Bugget Rs 3,37,550/- (completed)
(ii) Hospital Efficiency in West-Bengal, In collaboration with University of Calcutta, funded by Department of Health & Family Welfare, Government of West-Bengal, as Co-Principal Investigator(completed)
b) International funding agencies:
(i). Economy wide Impacts of Comprehensive Economic Partnership Agreement between India and Canada at 2030
Project funded by PDIG grant of Shastri Indo-Canadian Institute, Calgary, Canada during as Co-Principal Investigator,(completed)
(ii). “Does Move to Market Increases Foreign Trade of Emerging Market Economy? Evidence From Unit Root Structural Break Test”, Project funded by, UNCTAD-India, New Delhi, under the UNCTADJUECON Programme, Department of Economics, Jadavpur University, Principal Investigator, Completed in June 2009, Budget Rs 45,000/

vii) Amit Kundu


(viii) Rajat Acharyya and Saikat Sinha Roy

“Study on Review of American and European Markets under Government Procurement”, Ministry of Commerce, GoI,

(ix) Ajitava Raychaudhuri

(i). “Economic Corridors, Trade Costs, and Regional Production Networks in South Asia”
Asian Development Bank and RIS, New Delhi
(ii). “Trade Facilitation and Poverty Reduction in Asia and the Pacific: A Case Study of South Asian Corridor”
ARTNeT, UNESCAP, US $ 7000
(iii). ‘Economic Valuation of Sagar Island’ Ministry of Environment and Forestry, GOI and World Bank
(iv). ‘Socio-Economic Survey of Nayachar Island’ NKID and WBIDC

(x). Asim Karmakar

(i). Two Decades of Reforms — The Indian Economy UGC (Minor Research Project), 1.3 lakhs

(xi) Joyashree Roy

(ii). Iron and Steel Sectoral Approaches to the Mitigation of climate Change Climate Strategies
(iii). Electrochemical Arsenic Remediation Lawrence Berkeley National Laboratory (Berkeley Lab)
(iv). Vulnerability of Home Garden Ecosystems to climate Change and its Impacts on Food Security in South Asia Asia Pacific Network (APN)
(v). “Experimenting for Sustainability in India and Thailand: A Transition Perspective on Sustainable Electricity and Mobility Initiatives” WOTRO- NOW
(vi). “Developing Fiscal instruments for Climate Friendly Development in States of West Bengal and Orissa” Confederation of Indian Industries (CII)
(vii). ‘Socio-Economic Study of Street Vending in Kolkata’ Kolkata Municipal Corporation
(viii). Sectoral Approaches in Steel Sector in India: Beyond Kyoto Protocol’ Climate Strategies, Cambridge
(ix). ‘Adaptive Capacity Assessment of North Eastern States’ IISC Bangalore
(x). ‘A Baseline Study on the Use of Electrical Appliances in Domestic Sector in West Bengal’ WBREDA (West Bengal Renewable Energy Development Agency)
Departmental projects funded by; UGC- CAS, and UPE-2 Programme; total grants received. (Give details)

1. Malabika Roy : ‘Women’s Participation in Household decision making process’ UPE scheme in JU, (on going)
7. Bidisha Chakraborty, “Does Education Reduce Participation in Criminal Activities in India?” CAS Funded Project
8. Siddhartha Mitra and Bidisha Chakraborty, “Relative impact of socio-economic triggers on mental wellbeing in a developing country context: Focus on India” CAS Funded Project.
9. Basabi Bhattachary, ‘Financial Inclusion in South 24 Parganas, West Bengal’ UGC. UPEII Jadavpur University Rs. 75,000/-
10. Sushil Kr. Haldar: “Socio-Economic Status and Health in India: An Explorative Study” conducted during 2011 funded by CAS, Economics Department, JU. Amount Rs. 25,000/
11. Arpita Ghose ‘On Education Sector In India’, project funded by UPE –II, Principal Investigator,BudgetRs3,16,000/-(ongoing)
13. Arpita Ghose: “Nexus Between the Female Child Disadvantage and the Level of education :A Case Study of West Bengal”, project funded by UPE –II, under center for studies in West-Bengal Economy, as Co-Principal Investigator,(ongoing)
14. Amit Kundu: ‘Demand to Secure Job Through MGNREGP’ Centre for West Bengal Economy, UPE II programme, Department of Economics, Jadavpur University, Kolkata, West Bengal. Rs.65000

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9. Gautam Gupta, “The Economic Losses Due to Drinking Water Impurity: A Revealed Preference Analysis in Kolkata, India” Indian Economic Review, Vol. XXXXIV, Number 1, (with Chirodip Majumder)


24. Prabirjit Sarkar “Do the English legal origin countries have more dispersed share ownership and more developed financial systems?” International Journal of the Economics of Business (Routledge, UK), Vol. 16, No. 1, February 2009, pp. 73–86;


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7. Asim Karmakar, ‘How Well is India Doing in the Field of Regionalism and Multilateralism in International Trade?’ The Indian Economic Journal, Special Issue, December 2010


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10. Asim Karmakar, ‘Macroeconomics of Exchange Rate Management in Developing Countries with Special Reference to India’, Artha Beekshan, 2011.


34. Gautam Gupta, “100 Percent Financial Inclusion in Hooghly, West Bengal: Daydream or Nightmare?” with Chirodip Majumder Economic and Political Weekly, 2013


42. Subhash Ray and Arpita Ghose (2013): Production Efficiency in Indian Agriculture: An Assessment of the Post Green Revolution Years, Omega, Elsevier, forthcoming


44. The Relative Role of Imports and Exports in Explaining Productivity of Bio-Pharmaceutical Firms: Evidence from Non Parametric Data Envelopment Analysis, Foreign Trade Review, Sage Publication, forthcoming


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2. Sushil Kr Halder: District Human Development Report, Purba Medinipur, (co-authored by Ajitava Raychaudhuri), UNDP, Planning Commission, Govt. of India, HDRCC Development and Planning Department, Govt. of West Bengal, 2011

3. Sushil Kr Halder: District Human Development Report, Nadia, (co-authored by Ajitava Raychaudhuri), UNDP, Planning Commission, Govt. of India, HDRCC Development and Planning Department, Govt. of West Bengal, 2012

4. Swapnendu Bandyopadhyay Incentives ‘and’ Status (with Oindrila De) (SSRN WP #1968374).


6. Swapnendu Bandyopadhyay Favouritism, Status and Incentives (with Oindrila De). (SSRN WP #2284689).

7. Swapnendu Bandyopadhyay Other-Regarding Principal and Moral Hazard (with Mainak Sarkar).

Chapters in Books

2009-10


24. **Joyashree Roy** and Abhijit Das (2009), Comprehending cost-benefit ratios of arsenic mitigation measures in rural West Bengal, in edited volume by Water Aid. (in Press)


2010-11


3. **Asim Karmakar**

4. **Bipul Malakar**
   (i). ‘Infant and Child Mortality in India; ‘Regional Disparities in India's Socio Economic Development’[ (edited By K K Bagchi)
   (ii). ‘Mall Culture in India: sustainability in retail trade’, Contemporary Issues on Indian Business in the Globalized Regime (edited by Debabrata Mitra) 2010
   (iii). ‘Marketing Challenges and Opportunities Associated with Population Aging’. Proceedings of the First National Conference on Recent Trends in Geriatrics and Gerontological Studies in India edited by Prof. (Dr) Dilip Kumar Chakraborty and Prof. (Dr.) Sabyasachi Sen. 2010
   (iv). ‘Sustainability ,Food Supply and Population Aging’ Proceedings of the First National Conference on Recent Trends in Geriatrics and Gerontological Studies in India edited by Prof. (Dr) Dilip Kumar Chakraborty and Prof. (Dr.) Sabyasachi Sen

5. **Siddhartha Mitra**
   (i). India-Sri Lanka FTA – A Case Study. Economic Diplomacy (edited by Bipul Chatterjee and Kishan S. Rana), Published by CUTS International 2010

6. **Swapnendu Banerjee**
   (i). Relationship Banking with Cooperative Investments Economics of Innovation and Thereafter “A Collection of Essays in Finance” ed. by Basabi Bhattacharya and Malabika Roy, Allied Publishers, India 2010
2011-12


6. Siddhartha Mitra, ‘Vulnerability to income poverty: Significance, measurement and policy use’ Development Policy Issues (Edited by Tuhin Kumar Das et al).ACB Publisher

7. Sushil Kumar Halder, ‘Methodology of Construction Composite Multidimensional Human Poverty Index for Identification of Regional Backwardness’ (jointly with Prof. Ajitava Raychaudhuri), In a book edited by Prof. Tuhin Das et al. ACB Publisher, Kolkata.


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6. Asim Karmakar, ‘An Introduction to the Growth, Proliferation and Intensification of Regional Trade Agreements’ Post Reforms Indian Economy,” edited by Prof Dhirendra Nath Konar and Asim K.Karmakar Regal Publications, 2013 (Forthcoming)

7. Asim Karmakar, ‘Two Decades of Economic Reforms — The Indian Economy’ Two Decades of Economic Reforms in India edited by Dr. Suvranshu Pan, Prof. Snatantu Ghose and Dr. Asim K. Karmakar, Regal Publications, March 2013


Books
List of Research Scholars

List of scholars from this department
1. Abhishek Das
2. Aparajita Roy
3. Baishali Bagchi
4. Chandan Roy
5. Chandrima Chakraborty
6. Chandrima Chakraborty
7. Debalina Chakraborty
8. Debjani Roy
9. Dipyaman Paul
10. Hiranya Lahiri
11. Jayanti Bhattacharya
12. Jayeeta Deshmukh
13. Jayeeta Saha
14. Kritishnu Sanyal
15. Moumita Chail.
16. Nandini Mukherjee
17. Nilanjana Biswas (Mitra)
18. Oindrila Dey
19. Piyali Dasgupta
20. Prodyut Kumar Pyne
21. Purba Roychudhuri
22. Sangita Duttagupta
23. Saswati Mukherjee
24. Shalini Mitra
25. Shyamashree Dasgupta
26. Soumya Sahin
27. Suchrita Roy
28. Tamonghna Mondal
29. Tanmoy Ganguly

List of Research Scholars from other Universities
1. Amrita Pramanick
2. Aparajita Dhara -
3. Arghya Kushum Mukherjee
4. Ayanangshu Sarkar
5. Chaitali Sinha
6. Debaprasad Sarkar
7. Dilip Rana
8. Haimanti Bhattacharya
9. Hiranya Lahiri
10. Paramita Bhattacharya
11. Piyali Dutta Chowdhuri
12. Sanjib Talukdar
13. Sanmitra Ghosh
14. Sejuti Gupta
15. Soma Mondal
16. Soma Das
17. Soumasree Tiwari
18. Shmik Pal
19. Sudip Kumar Ghosh
20. Sudipta Jha
21. Sujan Kumar Pandit
22. Suranjana Mitra
23. Samik Roy
24. Salim Shah Tripura
DEPARTMENT OF EDUCATION

Publications

Lalit Lalitav Mohakud:

Edited Book:
2. Developed and prepared a booklet entitled as “Modalities of B. Ed ODL Programme” jointly with Prof. A. N. Dey and Prof. Swapan Kumar Sarkar in April-2013.

Paper Published in Journals:
2. Paper entitled “Encouraging Higher Education Through Open And Distance Learning (ODL): Some Aspects” jointly published with Mr. Rajiba Lochan Mahapatra and Dr. Santos Kumar Behera as second and third authors respectively in Turkish Online Journal of Distance Education-TOJDE, October 2012 (ISSN 1302-6488) Volume: 13(4).

Chapters in Book:
5. Few units in on different papers of SLMs of B.Ed. Programme and DPPTE (Montessory) published in of NSOU.

Bishnupada Nanda
Books: 7
Edited Books: 2 Volumes
Papers: 35
Chapters in Books: 2

Asima Chakraborty

Maya Gupta
Soma Dutta

Antara Mitra

Kaushik Chattopadhyay
Books
1. Karmasiksha: Bisoy O Prakolpo - Rita Publication, Kolkata
2. Srijon-Utpadon: Tattwa O Anusilon- Rita Publication, Kolkata
4. Byakaron O Nirmiti For Class Seven And Eight - Bholanath Prakashani, Kolkata
5. B.Ed Broad Questions With Answers - Rita Publication, Kolkata
6. B.Ed Short Questions With Answers- Rita Publication, Kolkata
7. Sikshak Kobi Ananda Kumar: Jibon O Sristi - Ramakrishna Mission Press, Rahara, Kolkata
8. A Rapid Readers For Class Six - Bholanath Prakashoni, Kolkata

Susmita Gangopadhyay
DEPARTMENT OF ENGLISH

PUBLICATIONS

Books with ISBN with details of publishers, year-wise

2008-2009


2009-2010


2010-2011


2011-2012


2012-13

3. Chaudhuri, Supriya. (co-edited with Alexis Tadié and J. A. Mangan, Sport, Literature and Culture: Historical Perspectives Special Issue of the International Journal of the History of Sport (Taylor and Francis), 29:12 (2012). ISSN 0952-3367 (Print), 1743-9035 (Online)

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Deb, Nilanjana. ‘Myth, History and Aboriginal Narratology: The Case of Ojibwe Writing’ in Essays and Studies (Jadavpur University, 2008)


2009-2010

Chaudhuri, Sukanta. 'W.W. Greg, Postmodernist', Textual Cultures, 4:2 (Bloomington: Autumn 2009)


Samaddar, Ramit. “‘A goodly inn, where they have cared for me’: Fallen Women and Sisterhood Penitentiaries in Nineteenth-Century Britain,’ Journal of Humanities and Social Sciences, Scottish Church College, (2010)

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Chaudhuri, Supriya. ‘What is to be Done? Economies of Knowledge’ in Thesis 11: Critical Theory and Historical Sociology (Sage), 105.1 (May, 2011)

Chaudhuri, Supriya. ‘Professional Sport and Shaw’s Cashel Byron’, International Journal of the History of Sport (Taylor and Francis), 28.6 (April, 2011)

Chattopadhyay, Sobha. ‘The Poetry of Yusef Komunyakaa : Redefining Identity Through Integrating


Lal, Ananda. “Se abre el telón: El estudio del drama en los Departamentos de inglés de la India”. In Literatura: teoría, historia y crítica 13 (2011)


Sahoo, Sonia. ‘Impairing the Renaissance: Reading Disability in A Caveat for Common Cursitors’, Appropriations, Bankura Christian College, Vol. 6 (December 2010)

Sahoo, Sonia. 'Say Nothing But Truth!: Secrecy and Disclosure in Early Modern Rogue Narratives', in Harvest: Jahangirnagar Study of Language and Literature, Savar, Bangladesh, Vol. 26 (2010-11)

Sahoo, Sonia. 'Seeing Through the Skin: Interpreting the Naked Truth in Early Modern Rogue Narratives', Vol. XXV, Jadavpur University Essays and Studies (2011)

Sahoo, Sonia. 'Shop-Soiled Galahads Down the Mean Streets: Robert Greene and Renaissance Crime Fiction', Indraprastha: An International Journal of Culture and Communication Studies, University School of Humanities and Social Sciences, GGSIP University, New Delhi, Vol. I (December, 2011)


Halder, Saswati. 'Lost in the Wood: Wives and Daughters and the Literary Fairy Tale', in Jadavpur University Essays and Studies XXV (2011)


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Chaudhuri, Sukanta.
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Chaudhuri, Sukanta. ‘Banyan Shade to Open Road: The Kolkata Chapbook’ in Jennie Renton and Sria Chatterjee (eds), Kolkata, Book City: Readings, Fragments, Images (Edinburgh: Textualities, 2009)

Chaudhuri, Supriya.
Chaudhuri, Supriya. ‘Vertigo’ in Renaissance Themes: Essays presented to Arun Kumar Das Gupta, ed.Sukanta Chaudhuri (Kolkata: Anthem Press, 2009)

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Mukherji, Sajni.
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Chatterjee, Rimi B. ‘The Debate over Authenticity: How Indian is Indian Writing in English, and How Much Does This Matter?’ in Anxieties, Influences and After: Critical Responses to Postcolonialism and Neocolonialism, ed. Kaustav Bakshi, Samrat Sengupta and Subhadeep Paul (Kolkata: Worldview, 2009)


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Fiction: Tagore, Premchand and Ray, ed. M. Asaduddin and Anuradha Ghosh (Delhi: Oxford University
Press, 2012)

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Thinking on Thresholds, ed. S. Mukherji (London: Anthem Press, 2011)

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Paromita Chakravarti and Kavita Panjabi (Kolkata: Stree, in press)

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Brooker,Andrzej Gasiorek, Deborah Parsons and Andrew Thacker (Oxford: Oxford University
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‘Petrarch on Reading’, in Sukanta Chaudhuri and Supriya Chaudhuri
(ed), Petrarch: The Self and the World (Kolkata: Jadavpur University Press, 2012)

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Lavagnino (gen. eds.), The Collected Works of Thomas Middleton (reissue; Oxford: Clarendon Press,
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Publishers, Bangiya Sahitya Parishat, Basumati Sahitya Mandir, Bengali Family Library, Bhattacharya,
Jatindramohan, Calcutta School-Book Society, Fakirmohan Senapati, Fort William College, Ghosh, Prabhat
Kumar, Gurudas Chattopadhyay and Sons, Mitra, Rajendralal, Mukhopadhyay (Mukherjee), Ashtosh,
Shastry (Bhattacharya), Haraprasad, Vernacular Literature Society, Visva-Bharati]

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Chakravarti, Paromita. ‘Queer Movements in India’ in the Masters Course material on “Theories of Women's and Gender Studies” (Indira Gandhi National Open University, Delhi, India, 2011)


Deb, Nilanjana. Eight articles on Indian women performers in Dictionary of Indian Culture (Govt. of West Bengal, in press)


Deb, Nilanjana. ‘Oral Histories of the Agartala Satyagraha against Atrocities on Women’, published in Occasional Papers of the School of Women’s Studies-Sritt (Kolkata: School of Women’s Studies, Jadavpur University, 2011)

Samaddar, Ramit. ‘Egypt Inscribed: A Study of Amelia Edwards’s A Thousand Miles up the Nile,’ On the Road: Writing Travel and Travellers, ed. Nilanjana Deb (Kolkata: Worldview, forthcoming)

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Chakravorty, Swapan. ‘The Birth of Copyright and the Death of the Author’, in Dilip Kumar Sinha et al (eds), A Discourse on Reprographic Rights and Copyrights: Contemporary Facets: Proceedings of the National Conference on Reprographic Rights and Copyright Act: Challenges and Management (Kolkata: Library, Documentation and Information Science Division, Indian Statistical Institute, 2013)

Chakravarti, Paromita.

Chatterjee, Rimi B.


Sarkar, Abhishek.

MONOGRAPHS (INCLUDING CO-AUTHORED BOOKS) – Total: 14

Chaudhuri, Sukanta. Nagar o Nagarik (Ebong Alap, Kolkata, 2008)


Chakravarti, Paromita. (Report) “Women’s Empowerment and Education: Panchayats and Women’s Self Help groups in India” – Video and report of collaborative project between Jadavpur University and McGill University, Canada (Kolkata, 2012-13)


EDITED BOOKS/ JOURNALS – Total: 34

2008-2009


2009-2010


**Gupta, Nilanjana.** (co-edited, with Himadri Bannerji & Sipra Mukherjee), Calcutta Mosaic: Minority Communities in the City (New Delhi & London: Anthem, 2009) ISBN 978-9380601618

**Das Gupta, Amlan.** (ed.) Essays and Studies, Vol XXIV, Department of English, Jadavpur University, 2010. ISSN 0975-3478

**Das Gupta, Amlan.** (ed.) Essays and Studies, Vol XXV, Department of English, Jadavpur University, 2011. ISSN 0975-3478


2010-2011


**Chaudhuri, Sukanta.** Hypertext Electronic Edition (CD) of Rabindranath Tagore, Bisarjan (2010)


**Chattopadhyay, Sobha.** (Ed.) The Many Worlds of Twentieth Century Literature (Papyrus, 2010).


2011-2012


**Chaudhuri, Supriya.** (Joint editor and contributing translator), Ramprasad Sen (Kolkata: Sahitya Akademi, forthcoming).


2012-13


Chaudhuri, Supriya. (co-edited with Alexis Tadié and J. A. Mangan, Sport, Literature and Culture: Historical Perspectives Special Issue of the International Journal of the History of Sport (Taylor and Francis), 29:12 (2012). ISSN 0952-3367 (Print), 1743-9035 (Online)

Chaudhuri, S. (co-edited, with J Bagchi), Bankimchandra Chattopadhyay: Non-fictional Prose Writings in English Translation, (Delhi: Oxford University Press: forthcoming)


Chaudhuri, Supriya. (co-edited, with Poonam Trivedi), Playing the Game: Essays on Literature and Sport (Delhi: Orient Blackswan, forthcoming 2013)


ARTICLES /REVIEWS IN NEWSPAPERS/JOURNALS/PERIODICALS – Total: 250

2008-2009


Chaudhuri, Supriya.

‘In Another Country’ Review of Neel Mukherjee’s Past Continuous, in Biblio, April 2008
Chaudhuri, Supriya. ‘Cheque De! India’ on Indian sports policy, in The Telegraph, 15 April 2008]

Chakravarty, Swapan.

‘Calcutta as the Next City of Literature’, The Times, London, 24 October 2008

Gupta, Abhijit.

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2009-2010

Chaudhuri, Supriya.
Chaudhuri, Supriya. ‘New Lamps for Old’ in The Telegraph, Calcutta, October 27, 2009

Chattopadhyay, Sobha.
‘Marilyn French – An Obituary’ in Newsletter, Women’s Studies, Jadavpur University, September 2009.

Chakravorty, Swapan.
Kabir nam o sarbanam by Ranajit Guha, Baromas, 31 (2009)


Gupta, Abhijit. Weekly column in The Telegraph titled ‘Only Connect.’

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‘National Knowledge Commission Report’ and ‘Sexual Harassment at the Workplace’ (in Bengali), Ekdin, 2009

Chatterjee, Rimi B.
Several articles for Outlook Traveller

Ghosh, Sutanuka.

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Chaudhuri, Supriya.
Chaudhuri, Supriya. ‘Epic of Unhappiness’ review of Ganesh Pyne’s Mahabharata, The Telegraph, December 2010
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Lal, Ananda. “Possessed by the drama”. The Telegraph, 8 May 2010.
Lal, Ananda. “Something is rotten in the state”. The Telegraph, 30 April 2011.
Lal, Ananda. “Name that hides a secessionist wish”. The Times of India, 28 August 2011.
Lal, Ananda. “All the world’s a theatre troupe”. The Telegraph, 24 September 2011.

Das Gupta, Amlan.

Gupta, Abhijit.
Battalar akhyapatra o grathaswarer nirman’, Anushtup, Battala number, 2011
Gupta, Abhijit. Ramram basu: ekti sanjojan’, Samakalik, December 2010

Ghosh, Sutanuka.
Review of Jasbir Jain (ed.) The Writer As Critic: Essays in Literature,
History & Culture to be published in the journal of the Department of Comparative Literature, Jadavpur University, 2012

2012-2013

Chaudhuri, Supriya.
‘No Make Over’: Review of Steve Raymer, Redeeming Calcutta: A Portrait of India’s Imperial Capital, in Biblio, Vol. xviii/Nos. 1-2, January-February 2013
Chaudhuri, Supriya ‘Barambar notun kore tene nay’: (On Manik Bandyopadhyay, in Bengali)
Desh Boi-samiksha, January 2013
Chaudhuri, Supriya ‘Entrances and Exits: standardized testing and the question of academic freedom’, The Telegraph, Kolkata, November 20, 2012

Chakravorty, Swapan.
‘Crusoe chang anya ayk nabik’, Des, 80.7 (2013)


Das Gupta, Amlan.
“In Memoriam: Pandit Ravi Shankar” The Telegraph, Kolkata

Gupta, Abhijit.
‘Virgil-er Aeneid: prothom bangla onubad’, Desh, 2 February 2013
Gupta, Abhijit. ‘Fatwa’, Rabibarowari, Ei shomoy, 19 November 2012
Gupta, Abhijit. ‘Sunil Gangopadhyay, the rebel who wove magic in Bengali’, Hindustan Times, 23 October 2012
Gupta, Abhijit. ‘Swanirbhar noy baangla comics’, Anandabazar Patrika, 8 September 2012
Gupta, Abhijit. ‘The notorious word “cut-off”’, Millennium Post, 6 July 2012
Gupta, Abhijit. ‘In Stead was Found the New Journalist’, Millennium Post, 15 May 2012

TRANSLATIONS IN BOOKS – Total: 19
Chaudhuri, Sukanta.
Several essays by Bankimchandra Chattopadhyay in Bankimchandra

Chaudhuri, Supriya.
Translation (from Italian) of The Forest of the Brahmanas, an essay by
Roberto Calasso (CIMA, India, 2008)
Chaudhuri, Supriya. Kamalakanta and other essays by Bankimchandra Chattopadhyay in
Chaudhuri, Supriya. Section of Pitamahi, by Shanta Sen, in J. Bagchi and S. Das Gupta, ed. The
Trauma and the Triumph, Part II (Kolkata: Stree, 2009)
Chaudhuri and S. Majumdar (Kolkata: Sahitya Akademi, forthcoming).
Chaudhuri, Supriya. Poems and short stories in The Essential Tagore, ed. Fakrul Alam and

Mukherji, Sajni.
Lal, Ananda. Several Tagore poems for various occasions connected to the sesquicentenary

Niyogi, Chandreyee.


ELECTRONIC PUBLICATIONS/OTHER MEDIA - Total: 17
Chaudhuri, Sukanta. CD with full hypertext collation of variant texts of Rabindranath Tagore's play Bisarjan.
Chaudhuri, Supriya. Indian Co-ordinator for the University of Liverpool School of Renaissance Studies RDA Collaborative Project, with CAS Programme, Jadavpur University, Writing Travel in Renaissance England: http://www.liv.ac.uk/english/rentravel/ :Searchable digital archive of early modern travel texts (Phase I: Travellers to India, completed 2008).


Das Gupta, Amlan. “Augustine on Memory” http://humanitiesunderground.wordpress.com,

Gupta, Abhijit. Short Title Catalogue of Bengali Printed Books. Website: Bibliography System and Location Register of Bengali Books 1801-1867, at


REPORTS – Total: 4
Chakravarti, Paromita. Contributor to ‘Sexuality Education for Young people,’ Nirantar Education Series, 1 (Delhi, 2008)
Chakravarti, Paromita. “Women’s Empowerment and Education: Panchayats and Women’s Self Help groups in India” – Video and report of collaborative project between Jadavpur University and McGill University, Canada (Kolkata, 2012-13)

BOOKS (FICTION) – Total: 1

FICTION (SHORT STORY) – Total: 5
Chatterjee, Rimi B. ‘Jessica’ in Vislumbres: Bridging India and Iberoamerica 1 (2008)
Chatterjee, Rimi B. ‘Legend’ in Times of India, October 2008
Chatterjee, Rimi B. ‘The First Rasa’ in Kolkata, Book City: Readings, Fragments, Images, ed. Sria Chatterjee and Jennie Renton (Edinburgh: Textualities, 2009)
Chatterjee, Rimi B. ‘The Bookshop on the Hill’, graphic short story for Drighanchoo, 2010
Chatterjee, Rimi B. ‘Killer’, graphic short story for Comix India online magazine, July 2010
DEPARTMENT OF FILM STUDIES

Books
Sanjoy Mukhopadhyay
1. Pataler Chirkut (2011)
2. Dinjaponer Upakhyan (2011)
4. Anobhijatoder Jonyo Opera, collection of essays on Cinema (forthcoming in 2013 by Pratibhas)

Madhuja Mukherjee

Edited Books
Moinak Biswas

Abhijit Roy

Madhuja Mukherjee

Essays in Anthologies
Sanjoy Mukhopadhyay
5. Images in Dialogue: Cinema and Painting, Annual Exhibition Souvenir, School of Oriental Art, Kolkata
7. Images in Dialogue: Cinema and Painting, Annual Exhibition Souvenir, School of Oriental Art, Kolkata
9. ‘Nashokotar Debudt’ in Godard, Banishipha, 2011.
13. Images in Dialogue: Cinema and Painting, Annual Exhibition Souvenir, School of Oriental Art, Kolkata

Moinak Biswas

Abhijit Roy

3. ‘A Reflexive Turn in Television Studies? Conjectures from South Asia’ (revised and enhanced version of the journal article of the same title published earlier) in Television at Large in South Asia, Routledge India, published in August 2013.  
7. ‘When was Participation? The Many Legacies of Indian Television’s Public’ in an edited volume on Indian Cultural Studies ed. Rana Nayar, Routledge India. (forthcoming in 2014)

Madhuja Mukherjee

Subhajit Chatterjee

Manas Ghosh
3. ‘Bankimchandrer Anandamath: ekta antarbari pratibedan’, Dharma o Janasanskriti

Edited Journals

Moinak Biswas
1. Bio-Scope, South Asian Screen Studies, Bi-Annual peer-reviewed journal from Sage, India Vols 1 to 4, January 2010 to January 2013

Articles in Journals

Sanjoy Mukhopadhyay

Moinak Biswas
4. ‘Saharer pathe’, in Tehai, Uttam Kumar Sankhya, 2010

Abhijit Roy

Madhuja Mukherjee
20. “South City Mall and locations of display” (/The city in cinema, and cinemas in the city)”, Silhouette VIII (January 2010): 88-104.

Subhajit Chatterjee
1. ‘Teaching Indian Cinema’, Colloquium presentation on Teaching Film Studies in India, organized by Dept. of Film Studies, Jadavpur University, October 2011, in Journal of the Moving Image, No. 11, December 2012 [ISSN 2230-9160].
3. ‘Remapping Transitions of Bengali Cinema into the 50s’, Journal of the Moving Image, No. 9, December 2010, pp. 117-146. [ISSN 2230-9160]

Manas Ghosh

Anindya Sengupta

Others
Sanjoy Mukhopadhyay
1. Annotated translation (with introduction) of the screenplay of The 400 Blows by Francois Truffaut, Jari Bobajuddho, January 2013.
2. Annotated translation (with introduction) of the screenplay of The Silence by Ingmar Bergman, Jari Bobajuddho, January 2011.

Moinak Biswas
DEPARTMENT OF HISTORY

Faculty Publications

Amit Bhattacharyya

Number of papers published in peer reviewed journals (national / international): 3

Books: 6

Edited Books: 2

Articles in Edited Books: 3

Articles in Journals: 3
National

Mahua Sarkar

Number of papers published in peer reviewed journals (national / international): 1

Edited Books: 2

Articles in Edited Books: 5

**Article in Journals: 1**

**National**


**Anuradha Roy**

**Books: 2**


**Edited Books: 3**


- Shahid Sachindranath Mitra o Anya Ek Swadhini (The martyr Sachindranath Mitra and another freedom), select writings from the journal Sangathan that Sachindranath launched just before Independence to coordinate Gandhian rural work in Bengal, Sachindranath Mitra Satavarsha Ujjapan Committee and Fatikjal, Kolkata, 2009.

**Translated Books: 1**


**Articles in Edited Books: 6**


**Article in Journals: 8**

**National**

- ‘Sampradaya Samparka: Ithaser Path’ (Communal relations: reading of history), Baromas, 2012.

- ‘Samskritir Prishthaposhakata, Prishthaposhakatar Samskriti’ (Patronage of Culture and the Culture of Patronage), Parikatha, December 2012.


- ‘Amader Jatiya Sangeet: Jalpanar Itihas Theke Kalpanar Itihas’ (Our national anthem: from a history of idle talks to a history of imagination), Anushup, Autumn issue 2012. ISSN 0974-2697-9770974-269000.

- ‘Samskritir Prishthaposhakata, Prishthaposhakatar Samskriti’ (Patronage of Culture and the Culture of Patronage), Parikatha, December 2012.


- ‘Jatir Noisargikikaran o Nisarger Jatiyakaran’ (Naturalization of the nation and nationalization of Nature), Baromas, 2011.

Nupur Dasgupta
Number of papers published in peer reviewed journals (national / international): 3

**Edited Books:** 2

**Translated Books:** 1

**Articles in Edited Books:** 12

**Article in Journals:** 1+2

**National**

**International**

Sudeshna Banerjee
Number of papers published in peer reviewed journals (national / international): 1

**Articles in Edited Books:** 4

Article in Journals: 1
International

Subhasis Biswas
Books: 1

Articles in Edited Books: 2

Rup Kumar Barman
Number of papers published in peer reviewed journals (national / international): 9
Books: 2

Edited Books: 1

Articles in Edited Books: 6

Article in Journals: 9
National

Kaushik Roy
Number of papers published in peer reviewed journals (national / international): 12
Books: 5

Edited Books: 12
Translated Books: 1

Articles in Edited Books: 10

Article in Journals: 3+9
National:

International:

Page 66
Suchetana Chattopadhyay
Number of papers published in peer reviewed journals (national / international): 1

Books: 1

Articles in Edited Books: 1

Article in Journals: 1
International

Maroona Murmu
Number of papers published in peer reviewed journals (national / international): 1

Article in Journals: 1
National

Tilottama Mukherjee
Number of papers published in peer reviewed journals (national / international): 2

Articles in Edited Books: 3

Article in Journals: 1+1
National
- ‘Markets in Eighteenth Century Bengal Economy’, Indian Economic and Social History Review, Vol. 48, No. 2, 2011, pp. 143-176. ISSN: 0019-4646 [SJR 0.22 for the journal]

International

Samir Das
Articles in Edited Books: 1

Chandrani Banerjee Mukherjee
Number of papers published in peer reviewed journals (national / international): 2

Article in Edited Books: 2

Article in Journals: 2
National

Samarpita Mitra
Number of papers published in peer reviewed journals (national / international): 1
Article in Journals: 1
International:

Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad (give details):

A select list of invited lectures/papers delivered by the faculty in India and abroad & fellowships.

Amit Bhattacharyya
National:
- Invited by the Department of History, Visva Bharati, Santiniketan for some days as a Visiting Fellow in late March 2013(7-29 March).
- Presented a paper on the ‘Genesis of the Lalgarh Movement’ at a UGC-sponsored National Seminar on ‘Inauguration of a new political culture based on non-violence and assimilation in the violence and terror-hit areas of Midnapore (East & West), Bankura and Purulia districts in south West Bengal erupting in the last few years i.e, 2005-2011’ organized by Sarasuna College during 23-24 March 2012.
- Presented a paper on ‘Swadeshi Technology in Colonial Bengal’ at a UGC-sponsored State-level Seminar on ‘Selected Themes of the History of Modern Bengal: Historiography and Historians’ organized by the Department of History, Malda Women’s College in collaboration with the University of Gour Banga, Malda during 13-14 January 2012.
- Chaired a session at a UGC-sponsored national level seminar on ‘Historians and Historiography’ organized by Malda Women’s College in collaboration with the University of Gaur Banga, Malda on 13th January 2012.
- Moderated an Academic Session on 'Panel Discussion — 'Tagore and Cultural Therapy' organized by the Central University of Jharkand, Ranchi on 13-11-2011 at the three-day 150th Birth Anniversary Celebration of Gurudev Rabindranath Tagore during 12-14 November 2011.

International:
- Given the Keynote Address at a UGC-sponsored National Level Seminar on ‘Challenges and Prospects of Development and Empowerment: Adivasis, Dalits, Minorities and Women in North-Eastern India in the Twentieth Century’ organized by the Department of History, Kaliachak College, Sultanganj, Malda on 16 September 2011.
- Gave the Keynote Address at a UGC-sponsored State Level Seminar on ‘Interrogating the Grand Narrative of the Indian Nation: Sub-National Movements and issue of Identity in North Bengal’ organized by Sukanto Mahavidyalay, Dhuspurgi, North Bengal on 4 September 2011.
- Presented a paper captioned ‘Development Maladies and remedies’ at a National seminar on the same theme organized by the Forum for Promoting Inclusive Growth at the Deputy Speaker Hall, Constitution Club, New Delhi on 19 October, 2010.

Page 68
Presented a paper at a UGC-sponsored regional seminar on ‘Human Rights through the Ages’ organized by the Department of History, Bankura Sammilani Mahavidyalaya, Bankura on 11 February 28, 2010.

Presented a paper on ‘State terrorism’ at the Golden Jubilee celebration and Re-union organized by the Sainthia Town High School, district Birhbum on 3 February 2010.

Chaired a session at Victoria Memorial Hall, Kolkata of a talk given by Professor Chittabrata Palit on ‘Oupanibeshik Aarmale Bangaleer Byabosa-o-Banijya’ on 24 August 2009.

From 28th to 29th March 2009, was as a Visiting Fellow to the Department of History, Visva Bharati under the SAP.


Presented a paper captioned ‘Imperialism and Environmental and Social Disaster: a case study of ‘Green Revolution’ in India’ at a National Symposium on ‘Planet Earth: People, Society and Science’ organized by the Indian Academy of Social Sciences from 23rd to 25th January 2009 at the School of International Studies at JNU, New Delhi.

Chaired a session at the National Symposium on ‘Planet Earth: People, Society and Science’ organized by the Indian Academy of Social Sciences from 23rd January 25, 2009 at the School of International Studies, JNU, New Delhi.

Gave a talk on ‘Whither India: Are we experiencing a stasis or Are we witnessing the beginnings of a radical renewal of the republic?’ at the VIII plenary Session at the 32nd Congress of the Indian Academy of Social Sciences held in Jamia Milia University, Delhi from 18 to 22 December 2008.

Gave a talk as Chairman of the Multi-disciplinary Committee entitled ‘History, Archaeology and Culture’ on ‘The Indian Republic at the Crossroads’ at the 32nd Congress of the Indian Academy of Social Sciences held in Jamia Millia University, Delhi from 18 to 22 December 2008.

Gave a talk on ‘Challenge of neo-Imperialism: Political, Economic and Strategic Ramifications’ at the IV Plenary Session at the 32nd Congress of the Indian Academy of Social Sciences held in Jamia Millia University, Delhi, from 18 to 22 December 2008.


Chaired a session at the National Conference on ‘Special Economic Zones: Economic and Social Perspectives' organized jointly by the Indian Academy of Social Sciences and the Institute of Advanced Studies, Shimla held at Shimla from 17 to 20 September 2008.

International:

An international seminar on ‘Social Systems, Science and Environment: Experience of different countries’, held on 28-29 January 2013, was organized by the UGC-SAP Department of History, JU, of which I was the Coordinator. At the seminar, I presented a paper captioned ‘The Maoist movement and Socio-economic changes: A case study of Gadchiroli in Maharashtra’.

Presented a paper on ‘Bureaucratic Capitalism’ at an International Conference held at the State University of Rio de Janeiro, Brazil on 4 October 2012.

Presented a paper on ‘Semi-feudal Indian Economy’ at the University of Porto Velho, Rondinia, Brazil on 2nd October 2012.

Presented a paper on the ‘Semi-feudal Indian Economy’ at the University of Maceia, Recife, Brazil on 28 September 2012.

Presented a paper on ‘Bureaucratic Capitalism’ at an International conference at the University of Pernambuco, Recife, Brazil on 26 September 2012.

Gave the Keynote Address on the ‘Genesis of the Naxalbari Movement’ at a two-day International Seminar on ‘North Bengal: The Politics, Society and Cultural Heritage’ during 16-17 March 2012.

Presented a paper at a conference organized by the Universidade Federal Fluminense (UFF), Niteroi, Brazil on ‘India: Historical and Social Reality’ during 3-11 August 2011.

Participated in the Third International Conference of the International League of People’s Struggles held in Hong Kong from 17 to 22 June 2008 and presented a paper on ‘Political Prisoners in India’.

Mahua Sarkar

National:

- Invited to speak on ‘Women, law and Social Reform in Bengal’ in a One Day DEC Sponsored Workshop on ‘Gender Sensitisation and Women Empowerment: Issues and Challenges’ on 27 February, 2013, organized by Netaji Subhas Open University.
- Delivered lecture on ‘Bhadramahila’s Notions of Public Health and Discussions on Science in Bamabodhini Patrika’ in the Annual conference of Paschimabanga Itihas Samsad held in Bethune College, Kolkata on 24-26 January, 2013.
- Chaired in the Session on ‘History of Science and Environment’ in the Annual Conference of PBIS, at Bethune college, Kolkata on 24th January, 2013.
- Invited to speak on ‘Environment and The Knowledge systems of the people of the Sundarbans’ in a Week-long Workshop on ‘Planet, People or Profit? the Perilous Passage and the Capitalist Transformation of the Natural World’ on September 14, 2012, organized by the Institute of Development Studies, Kolkata.
- Chaired the Workshop Participants’ Panel in IDSK, 14 September, 2012.
- Invited Lecture on ‘The Relevance of Rabindranath’ in the UGC sponsored National Seminar, organized by A.P.C. College, West Bengal, on 7th December, 2011. Chaired a session.
- Invited Lecture on ‘Women and the Social Reform Movement in Bengal’, organized by The School of Women’s Studies, Burdwan University, and Burdwan Women’s College, West Bengal, on 29th November, 2011. Chaired a session.
- Foundation-Day Lecture on ‘Recent Trends in Environmental History’ in West Bengal State University, Barasat, West Bengal, on 13th September, 2011.
- One of the three speakers in a one-day National seminar on ‘State, Citizen, History: In Search of Another India’ in Paschim Banga Bangla Akademi, organized by Netaji Subhas Open University, on 28th February 2011.
- Presidential lecture in the Modern India Section of the Annual Session of Paschim Banga Itihas Samsad, held in Calcutta University, 23rd January 2011.

International:
Invited to speak on ‘Swami Vivekananda and his perception of Women Empowerment’ in an International Seminar on ‘Swami Vivekananda and His Times: Significance and Relevance’ on 26 March, 2013.
- Chaired the special session on ‘The Sundarbans’ in the International Conference of Bangladesh Itihas Samiti, 23 November, 2012.
- Invited to speak on ‘Assimilation and Interpenetration of Islamic and Hindu Cultures in 18th and 19th centuries Bengal’ in the 17th Biennial International Conference of Bangladesh Itihas Samiti, on 22-23 November, 2012.

Anuradha Roy
National:
- Presented a paper on ‘Women’s political participation and the question of their empowerment: colonial and post-colonial India’ at the seminar on ‘Empowered Women as Leaders and Agents of Social Change” organized by University Women’s Association of Calcutta at Rotary Sadan, 14 March 2012.
- Delivered lecture on ‘Jatiyatabade Nari, Narir Jatiyatabad’ (Women in the nationalist discourse and nationalism as perceived by women), 14th Pritilata Waddedar Memorial Lecture organized by School of Women’s Studies, JU and Biplab Tirtha Chattagram Smriti Sanstha on 17 February 2012.
- Presented a paper captioned ‘Shatabarshe Janaganamana’ at a function organized by Indira Gandhi National Integration Centre, Visva-Bharati, Santiniketan on the occasion of the centenary of Indian national anthem, 31 January, 2012.
- Gave a talk on ‘Jatiya Sangrame Meyeder Angshagrahan: Pranodana, Prakriti o Parinam’ (Women’s Participation in the National Movement: motive, nature and result) at the concluding session of Pritilata Wadding Centenary Celebration organized by Bethune College, 17 December 2011.
- Gave a talk on ‘Music as Mass Medium: The Communist-sponsored Cultural Movement in Bengal during the 1940s’ at a conference jointly organized by Nehru Memorial Museum and Library and Sahmat (Safdar Hasmi Trust) on ‘The legacy and relevance of the Progressive Cultural Movement in India’ at Teen Murti Bhavan, New Delhi, 13, 14 and 15 October 2011.
- Presented a paper captioned ‘Another Nationalism? Rabindranath’s Swadesh’ at a National Seminar organized by the DRS, Department of History, Burdwan University, 22 February 2011.
- Attended a UGC-sponsored State-Level Seminar on ‘Human Rights and Discrimination’ organized by the Department of Philosophy, Scottish Church College on 11 April 2008 and presented a paper on ‘The Indian State, Nagalim and Human Rights’.

Fellowship

International:
- Presented a paper captioned ‘Naturalization of the Nation and Nationalization of Nature’ at a seminar under the UGC-DRS Programme of the Dept. of History, J.U., in March 2008

Nupur Dasgupta
International:
- Invited to the 17th Biennial Conference and International Seminar of Bangladesh History Association, held in Khulna, Bangladesh between 22nd and 23rd Nov., 2012.
  a) Chaired Session on Samaj, Sanskritik Ithas O Aitihya.
- Invited to attend the IX International Conference on Orality – Literacy in the Ancient Graeco-Roman World, organised by the School of Cultural Inquiry, College of Arts and Social Sciences, University of Canberra, Australia, 25th June - 3rd July, 2010. Delivered a research paper on: ‘Evidence for Orality–Literacy Paradigm in Early Historic South Asia and possible interfaces with Contemporary Hellenic and Persian Cultures’.

Sudeshna Banerjee
National:
- Invited to deliver a special lecture on ‘Jagadish Chandra Bose and His Times’ on the occasion of the 150th Birth Anniversary of Jagadish Chandra Bose celebrated by Lady Brabourne College, Kolkata.
- Presented a paper entitled ‘The Child as a Rights-Bearing Category: An Engagement with Rights Discourse’ presented at the UGC-sponsored national-level seminar on Human Rights Education organised by the Departments of History and Political Science, Sreegopal Banerjee College on 5-6 November 2009.
- Presented a paper entitled ‘Making a Historical Case for Recognition as a Region: The Bidyadhari Country’ at the UGC-SAP national seminar on The Region and the Economy: Pre-colonial and Colonial India organised by the Department of History, Visva Bharati on 21-22 March 2009.


‘Bonedi Barir Pujo: Corporate Sponsorship and the Media-authored Popularisation of an Elite Practice’ presented at the national seminar on Representing People, Redefining Society: Interdisciplinary Perspectives on Popular Culture organised by Maulana Abul Kalam Institute of Asian Studies, Kolkata in collaboration with the Centre for Social Sciences and Humanities, University of Kolkata on 28-29 August 2008.


International:
- (Senior Fulbright Fellowship) Project: ‘The Dynamic(s) of Involuntary Displacement, 1950s to the Present: Comparative Historical Perspective on South Asia and the United States’: Funding Agency: The Fulbright Commission through the United States India Educational Foundation. Project pursued in the US, at Brown University, from 01.10.12 to 31.05.2013.
- Invited by the Choices Programme of Brown University to be the resource person on Modern South Asian History (with particular focus on Independence and Partition) in the rewriting of high school texts. This is done under the aegis of Brown University every ten years. Total of 4 lectures given to the team writing the history of South Asia module.
- Invited lecture on ‘From a wetlands ecosystem to a ‘space of capital’: regimes of erasure in post-liberalization Calcutta’ at the Spring colloquium series, South Asian Studies Council, Yale University, USA on 04.04.2013.
- Invited talk on ‘Interrogating the Development Community’s Discourse on Human Displacement: Post-Liberalization India in Focus’ at the Macro Economics Study Circle, Iowa State University, USA on 15.03.2013.
- Invited lecture on ‘Landscapes of Urban Neoliberalism: Capital, Elite Consumer Practices and Built Space in Kolkata since the 1990s’ at the Department of Landscape Architecture, University of Illinois at Urbana-Champaign, USA on 12.03.2013.
- Invited lecture on ‘Food, frailty and ‘fake Brahmins’: Bengali middle-class fears of failed hegemony in late colonial Calcutta’ at the Centre for South Asian and Middle Eastern Studies, University of Illinois at Urbana-Champaign, USA, on 07.03.2013.
- Invited to deliver a special lecture on ‘Archiving Partition Memories across Borders: Conceptual and Methodological Issues’ at the Institute of Bangladesh Studies, Rajshahi University, Bangladesh on 6 May 2009.
- ‘Memories and Memorabilia: Archiving to Enable a People’s History of Partition of India (1947)’ presented at the 15th Biennial Conference of Bangladesh Itihas Samiti held in Dhaka University, Dhaka, Bangladesh on 27-29 March 2008.
- Paper titled 'Linguistic Identity and Regionalism in India: A Study on the regionalism in North Bengal' presented to the National Seminar on Regional Identity and Nation Building in India (Focus on Telengana Movement), 14th–15th March 2012, Department of History, Kakatiya University, Warangal.
- Paper titled 'The changing nature of ethnic identities in Eastern India: A Study on the transition of the caste identities of the lower caste communities of colonial Bengal to the politico-cultural identities in the postcolonial West Bengal' presented at a National Seminar on 'Modes of Ethnic Identity Construction in India', The Department of Sociology, North Bengal University, (Under the Special Assistance Programme of the UGC), 9-10 March 2012.
- Delivered Key-note lecture to the national seminar on 'Re-thinking the partition of India: Historical and Literary Perspectives', 14th February 2012, Mahestala College, Kolkata 700141.
- Paper titled 'Colonization, forced cultivation and the peasantry in the Nineteenth Century Asia: A Comparative Study of Indigo of India and Culture System of Indonesia', presented to the National Seminar on Peasant in Arms: Indigo Revolt Revisited, Subhash Chandra Bose Centenary College, Lalbag, Murshidabad, 01.02.2012.
- Paper titled 'Regionalism and the Question National Integrity: A Study on the Regionalism of North Bengal' presented to the national seminar on 'The Growth and Development of Indian Nationalism and National Integrity and Contemporary Challenges (Historical Perspective)' 13th and 14th September, 2011, Bankura Zilla Saramani Mahila Mahavidhyapith, Bankura.
- Paper titled 'Golden Jubilee Lecture Series, Panskura Banamali College, Panskura, Purba Medinipur 28th September, 2010 - Mass Movement of North Bengal and South Bengal in Postcolonial India in Historical Perspective. Title of the Paper 'Mass movements of the marginal people of postcolonial West Bengal: A comparative analysis of three districts of North Bengal and South Western Bengal'.'
- Paper titled 'Ethnicity, Identity and the politics of difference: Reflections on the social unrest among the Rajbanshis of North Bengal and Lower Assam', presented to the National Seminar on Ethnicity and Social Unrest, Department of Sociology, North Bengal University, 29-30 March 2010.
- Paper titled 'Caste Violence in India: Reflections on contemporary India with special references to the violence against the Scheduled Castes' presented to the National Seminar on Violence, Basic Concepts and Expressions, 21st November, 2009, Dhruba Chand Halder College, 24 Parganas, West Bengal.
- Paper titled 'Historical background of Reservation policy and Politics in India', Mugberia Gangadhar Nadia College, 8th January 2008.

International:
- Paper titled 'From Caste to Political Identity: A new look on the transition of socio-cultural reforms of the Scheduled Castes to political Identity in late colonial Bengal', presented to the International Seminar held at Iithas Academy, Dhaka, 18th and 19th February 2011.

Kaushik Roy
International: Visiting Professorship
- Indian Council of Cultural Relations (ICCR) Visiting Professor at Department of History and Culture at Aarhus University, Denmark, Fall Semester 2012.

National:
- 'Ethnicity and Conflict in Afghanistan: From Premodern to Modern Era', paper presented at the seminar titled Historicing the Peripheries: Ethnicity, Science, Gender and Environment, 8-9 March 2013, at the Department of History, Vidyasagar University.

International:
- ‘Perils of Democracy in South Asia’ on 6 November 2012 at Aarhus University, Denmark. (Public Lecture)
- Presented a paper titled ‘Horses, Guns and Governments 1400-1750’ at the Department of Culture and Society, Aarhus University, Denmark on 15-6 February 2012.
- Organizer and presented paper titled ‘COIN in Afghanistan under the Mughals: 1526-1707’ at a seminar at Centre for the Study of Civil War (CSCW), Peace Research Institute Oslo, Norway and funded by the Royal Norwegian Ministry of Defence on 12-3 Feb. 2012.
- Chapter presentation on 22 Aug. 2008 at Oslo Norway, Comparative Ethics of War, Second Workshop.

Suchetana Chattopadhyay
International:
- Research grant from Barry Amiel and Norman Melburn Trust (17 December 2010 to 15 January 2011) to conduct archival research in the British Library, London, UK.
- Hermes post-doctoral research fellowship from Fondation Maison des Sciences de l’homme (1 April to 31 July, 2009) to conduct archival research in Paris, France.
Visiting Fellowship, Centre for Study of South Asia and India, Paris, France from 1 April 2009 to 31 July 2009.

Maroona Murmu
National:
- Presented a paper titled ‘The Norms for her Domestic Subjectivity’ in the National seminar on Historicising the Peripheries: Ethnicity, Science Gender and Environment, Vidyasagar University, 8-9 March, 2013.

International:
- Presented a paper entitled ‘Her Journeys and Negotiations: The Home and the World’ in the 20th IAHA Conference, Jawaharlal Nehru University, New Delhi, 14-17th November, 2008.

Tilottama Mukherjee
National:
- Invited to present a paper ‘Urban centres and Consumption in eighteenth-century Bengal’, at a National Seminar on ‘Cities in Medieval India’, organised by Centre for Historical Studies, Jawaharlal Nehru University, New Delhi, in collaboration with Jawaharlal Nehru Institute of Advanced Study, Jawaharlal Nehru University, New Delhi, 5th and 6th March 2009.

International:
- Invited to present a paper ‘Sites of Exchange and Consumption: Re-assessing Eighteenth-century Bengal’, at the International Workshop for the study of Contemporary India on ‘Variety of Commodity in History: Social Dynamism, Networks and Colonialism’, Centre for the Study of Contemporary India at Kyoto University, Kyoto, Japan, 26th and 27th March 2013.

Samir Das
National:
- Presented paper on ‘Dissent, Resistance and Warning of the Time - Reflections on the struggle against Partition and the role of the Mahapran Jogendranath Mandal’ at the National Seminar on ‘Democratic Governance and the Subaltern Leadership in India’, organized by Centre For Ambedkar Studies, PG Department of History (DRS), Utkal University, Bhubaneswar, 27th and 28th March, 2010.
- Delivered an invited lecture on ‘The Economic Life of Kushana Empire’ at Ramkrishna Sarada Mission Vivekananda Vidyaabhaban. Kolkata, on November 2009.

International:

Chandrani Banerjee Mukherjee
National:
Presented a paper on ‘The contribution of Akshay Kumar Maitreya in the field of Art and Archaeology’ Organised by the Vidyasagar Centre for Indological Studies in Collaboration with the Department of History, Rabindra Bharati University, 30th April, 2012.

Samarpita Mitra
National:

International:
Participation of faculty in extension activities:

**Amit Bhattacharyya**
- Involved in civil rights movement for more than one decade.
- A member of the executive committee of the Bandi Mukti Committee (BMC) since its inception in 2002.
- General secretary of the Committee for the Release of Political Prisoners (CRPP) formed in New Delhi in 2008 — a forum with an all-India character.
- Chief executive editor of its organ captioned ‘The Arrested’ and contributes articles on different civil rights issues such as release of political prisoners, jail reform, repeal of death penalty and all black laws as also state repression.
- Participated in field investigations and spoke at conventions and public gatherings in parts of West Bengal as also different parts of the country such as New Delhi, Jammu & Kashmir, Hyderabad, Visakhapatnam, Odisha, Tamil Nadu, Punjab and Chhattisgarh on related issues.
- Contributes articles on a regular basis in periodicals which in Bengal is known as ‘Little magazines’ and he edits one such magazine called ‘Bandi Barta’ (Prisoners’ News).
- Contributor of articles in Frontier, Economic & Political Weekly, Bartaman Lokayatik, Dinanter Anweshan, Manabi, Parichay etc on various subjects such as ‘Swadeshi Economic Enterprise in Bengal’, Advertisement and swadeshi industries, Swadeshi economic thinking, movements in Nandigram and Lalgarh, Maoist movement in India, Green Revolution in India and American agencies, Class contradictions in Ancient India, Rabindranath Tagore, Human Rights and the release of political prisoners, personal memoirs etc.
- Delivered a lecture on ‘Left perceptions of peasant movements in China and India: a comparative study’ at a Refresher Course in the History Department of Calcutta University in March 2013.

**Nupur Dasgupta**
- Lectures Delivered for the Master of Science Course in Science Communication, Collaborative programme of National Council of Science Museums, India and the Birla Institute of Technology, Pilani, India, July 4th – July 14th, 2008. Lectures on:
  - Town Building and Architecture in Ancient India.
  - Chemistry in Ancient and Medieval India.
  - Medicine in Ancient and Medieval India.
  - Metallurgy in Ancient and Medieval India.
  - Agriculture in Ancient and Medieval India.
- Lecture delivered for the UGC EMRC course on History of Ancient India on ‘Culture, Science and Technology (A.D. 650 to A.D. 1550).’ (17th September, 08).
- Lecture delivered for the Course on Art Appreciation organized by Ramkrishna Mission Institute of culture, Kolkata, on ‘Art of Indus Valley’. (18th September, 08.).
- Lecture delivered for the one – year Certificate Course on Indology organized by the Ramkrishna Mission Institute of Culture, Kolkata, on ‘Early Indian Developments: Science and Culture.’ (15th November, 08)
- Lectures Delivered for the Master of Science Course in Science Communication, National Council of Science Museums, India, 21st and 22nd Jan, 2010. Lectures on:
  - Townplanning in Ancient India.
  - Chemistry in Ancient and Medieval India.
  - Medicine in Ancient India.
- Lectures delivered on ‘Scope and Definition of Indology’ for the one – year Certificate Course on Indology, organised by the Ramkrishna Mission Institute of Culture, Golpark, Kolkata, August 2011.
- Delivered ten lectures and wrote ten chapters on Prehistory and Proto-history of India for the On- line programme of UGC, organised by UGC, EMRC, Kolkata, from February 2011 to Aug. 2011.
- Delivered Lecture on ‘Cultural Links across Asia: India, China and West Asian Experiences in the Evolution of Knowledge and Related Practices’, for the UGC Refresher Course held on India and her Neighbours by the Department of History, University of Calcutta on 29th December, 2012.

**Sudeshna Banerjee**
- Jointly supervising since the Spring semester 2013 a masters-level dissertation on ‘The Naxalite movement and the student community in West Bengal: Revisiting the relationship’ with Vazira F-Y Zamindar of Brown University, USA. Co-supervision started in January during her stay in Brown University on the Fulbright Fellowship.
and will continue till August 2013. The concerned student came to Calcutta to do field-work and had sessions in mid-June, and supervision continues through e-mail.

- Supervision of MA level research project, ‘From City Calls to City Walls: Emergence of gated communities and its impact on the pheiwallah/wallahs of Kolkata’ under the SYLFF programme of Jadavpur University funded by the Nippon Foundation, Japan, administered by Tokyo Foundation under the Japanese Ministry of Land, Infrastructure and Transport.

**Subhasis Biswas**
- Painting Exhibition in 2011 entitled ‘Colours, obsessions and celebration’ in the Weavers Centre for Arts, sponsored by Ministry of Culture, Government of India.
- Coordinator, Refresher Course in History (with Dr Rup Kumar Barman) in 2010.
  - **Name:** Dr Rup Kumar Barman
  - Coordinator, Refresher Course in History (with Dr Subhasis Biswas) in 2010.
  - **Name:** Dr Kaushik Roy
  - Coordinator, Refresher Course in History (with Dr Samarpita Mitra) in February 2013.

**Assistant Professors**
- **Name:** Dr Suchetana Chattopadhyay
  - Co-organiser, Seminar Lecture by Dr Vivek Chibber (Postcolonial Theory and the Spectre of Capital), Centre for Marxian Studies, Jadavpur University, 10 July 2013.
  - Co-organiser, Seminar Lecture by Dr Carsten Krinn (Left politics in contemporary Germany), Centre for Marxian Studies, Jadavpur University, 22 April 2013.
  - Co-organiser, Seminar Lecture by Dr Phil Hutchinson (Marx and Wittgenstein), Centre for Marxian Studies, Jadavpur University, 21 March 2013.
  - Co-organiser, Panel Discussion (Violence against Women), Centre for Marxian Studies, Jadavpur University, 25 February 2013.
  - Co-organiser, Seminar Lecture by Professor Vijay Prashad (US Primacy and Regionalism), Centre for Marxian Studies, Jadavpur University, 31 January 2013.
  - Co-organiser, Panel discussion on the late Eric Hobsbawm, Centre for European Studies, Jadavpur University, 29 January 2013.
  - Co-organiser, Seminar Lecture by Dr Taimur Rehman (Class Structure of Pakistan), Centre for Marxian Studies, Jadavpur University, 11 December 2012.
  - Co-organiser, Seminar (Crisis of Capitalism and the Third World), Centre for Marxian Studies, Jadavpur University, 20 January 2012.
  - Co-organiser, Seminar Lecture by Professor Himani Bannerjee (Rammohan Roy and Europe), Centre for European Studies, Department of History, Jadavpur University, 31 March 2011.
  - Co-organiser, Seminar (Imperialism and Capitalism in our Times), Centre for Marxian Studies, Jadavpur University, 23 March 2011.
  - Co-organiser, Seminar (The World Economic Crisis), Centre for Marxian Studies, Jadavpur University, 6 March 2009.

**Maroona Murmu**
- Convener of ‘Paribesh 2009’, a symposium of environmental activists in West Bengal, 21-22 February, 2009 at University Institute Hall.

**Tilottama Mukherjee**
- Coordinator (with Professor Anuradha Roy) of two day National Seminar on ‘Cultural Representations as Historical Processes’, organised by the Department of History, Jadavpur University, Kolkata, (in collaboration with ICHR, Delhi; ICSSR-ERC; EZCC, Kolkata; and UGC-SAP) 29th and 30th March 2010.

**Samarpita Mitra**
- Coordinator, Refresher Course in History (with Dr Kaushik Roy) in February 2013.
Details of the proposed archive:

A. A Museum and Archive of Indigenous Science and Technology: This project seeks to create and house a state of the art museum and archive focused on the indigenous forms of scientific knowledge and technology in India from the earliest recorded times to the present. Conceived from a historical perspective, this museum will be different in epistemology, orientation and display from the other science museums or natural history museums in the country. This museum and archive will highlight the following:

a. the pre-colonial forms of scientific knowledge (including the medicinal) to highlight the development of scientific thought prior to and autonomous of Western mediation
b. the cultural and epistemological distinctiveness of the Indian contributions (individual and institutional) to modern science during the colonial period
c. the distinctive history and instances of the emergence of Indian-invented technologies and technological institutions/institutes linked with some of the nationalist upheavals in India like the Swadeshi movement
d. popular science and grass-roots technological innovations in India in a historical perspective away from or autonomous of the more elite environment of scientific academia and urban upper class priorities

B. Archiving Calcutta architecture and house plans: This project aims at creating an archive – predominantly visual – of the architectural aspect of Calcutta/Kolkata’s transforming cityscape from the early 19th century to the present. The adage ‘city of palaces’ attaching to colonial Calcutta has led to a disproportionate emphasis on the palatial buildings belonging to the Raj or to the ‘Calcutta notables’. This has amounted to an elision of the way in which the cityscape in terms of architectural expression is varied over time and also along lines of class, community and neighbourhood. To enable the proposed archive to reflect this architectural complexity as also a Calcutta typicality if any, the project shall collect sketches, paintings, and photographs of houses, house interiors and facades. Furthermore, it shall photograph the different period-specific, class-specific, community-specific and neighbourhood-specific architectural styles and expressions that obtain in Calcutta. The project shall also make a sustained and painstaking effort to collect house plans from official (mainly municipal) sources and from families and individuals. This rigorously annotated archive shall be digital in its mode of preservation.

Contemporary relevance: The postmodern turn in architecture has come to emphasize on the planners’ and architects’ responsibility to cultural difference and on a concomitant move away from universalist, modernist architectural expression that is insensitive to local needs, aspirations and cultural distinctiveness. This project, by highlighting the complex history of Calcutta architecture, seeks to sensitize the government, the urban planners, the architectural community and the civil society about the culture-specificity of the city’s architectural expression over time.

Collaboration and funding: The Department shall collaborate for the successful implementation of the project with the Department of Architecture, Jadavpur University, the Department of Architecture, Visva-Bharati, INTACH and the Victoria Memorial, Kolkata. Funding will be sought from DST, INTACH and the Victoria Memorial.

C. Archiving the House Assessment Books of the Calcutta/Kolkata Municipal Corporation: The decennial House Assessment Books of the Calcutta Municipal Corporation constitute an invaluable mine of very detailed primary source material for the reconstruction of the history of the city. But unfortunately these hand-written records dating from the inception of the Corporation and maintained in log-books format until recently are languishing, while the municipal authorities have not done anything towards their digital preservation. The proposed project seeks to digitally preserve these records, with the Kolkata (Calcutta) Municipal Corporation and Jadavpur University housing a digital copy each while the original records shall, of course, remain with the Corporation. The University can then make the digital copy accessible to urban studies scholars either through an computerized reading-room or through dedicated cyber domain that it may acquire for the archive.

D. Archiving Jadavpur University: An archive of the genesis and development of Jadavpur University, with its personnel, students, non-teaching staff, buildings, architectural statement(s), libraries, laboratories, engineering workshops, gymnasiums, playgrounds, stadia, administrative documents and other documents, patents, academic reports, newsletters, trophies, souvenirs, artifacts and memorabilia is long overdue. Now that JU has been earmarked as a heritage university and allotted a fund for the preservation and augmentation of that heritage, it is high time the archival effort initiated in all earnest. The Department of
History has the requisite knowledge and expertise for the purpose and proposes to execute the archival project.

Contemporary relevance: It would be unfortunate if as a proclaimed heritage university JU appears to be unmindful about the details of that heritage. By immediately developing an archive of its own development, JU shall be able to demonstrate to the world at large the campus community’s consciousness about and respect for its own heritage and difference.

Collaboration and funding: The Department shall collaborate with all other Departments of the University as also with the University administration and the Central Library to execute the archiving. Funding shall be sought from the Heritage University fund that is due to the University from the Government of India.

E. Facilitating Access to old/rare/out of print texts of historical value/primary sources to a wider public
The Department Library and the Central Library has in their repositories a number of rare books and journals relating to history. The department has plans to initiate a project of identifying, collecting and digitising as well as facilitating their accessibility for a wider public through the publication of edited versions as well as of digital editions.

F. Opening the Archive of Partition (Eastern India) for the Public
The Department has already initiated a digitised cross-border archiving of the people’s experience of Partition of India (in the eastern part). The department seeks to initiate the second phase, which shall work towards giving public access to it.
DEPARTMENT OF INTERNATIONAL RELATIONS

Faculty serving in
a) National committees  b) International committees  c) Editorial Boards  d) any other (please specify and give details, including the name of the committee/s, position/s held, duration, etc.)

Gautam Kumar Basu
➢ Editor, West Bengal Political Science Review
➢ Member of Board of Studies of Assam University, Silchar University and Mizoram University
➢ Member of the Board of Studies of Burdwan University, West Bengal State University, and Vidyasagar University; member of the Ph.D committees of Burdwan University and Vidyasagar University;

Purusottam Bhattacharya
➢ Member, Board of Studies of the Department of Political Science of Rabindra Bharati University, PhD Committee of Department of Political Science of Calcutta University, Advisory Committee , Centre for South and Southeast Asian Studies;
➢ Vice-President, India Association of Asia and Pacific Studies;
➢ Editorial Advisory Board of the British Journal of Politics and International relations (BJPIR) since 2010

Sanjukta Bhattacharya
➢ Member of NAAC Peer teams since 2009 and peer-team coordinator to several colleges.
➢ Member of UGC Review Committee on Area Studies Programmes, Aug 2011 – Jan 2013.
➢ External Member, PG BoS, Department of Political Science, Kalyani University, 2008 – to date
➢ External Member, M. Phil. Committee, Department of Political Science, Calcutta University, 2008 – 2011.
➢ External Member, M. Phil. Committee, Department of South and Southeast Asian Studies, Calcutta University, 2012 – to date.
➢ External Member, M.A. Programme in Politics and International Relations, School of Liberal Studies, Pandit Deendayal Petroleum University, Gandhinagar, Gujrat
➢ External Member, BoS, Department of Women’s Studies, Calcutta University, Jan 2013 – to date.
➢ External Member, Ph. D. Committee, Department of Women’s Studies, 2013 – to date.
➢ Secretary, Fulbright Alumni Association of Calcutta, 2005 – to September 2012.
➢ Coordinator, Calcutta Chapter of the African Studies Association of India (ASA), 2006 – to date. Member, Executive Committee, Global India Foundation (GIF), 2006 – to date.
➢ Member, Executive Committee, Jadavpur Association of International Relations, 2008 – to date.
➢ Member, Academic Committee, School of International Relations and Strategic Studies, 1993 – to date.

Rabindra Sen
➢ Appointed as Expert in Selection Committees for the post of Professor by Calcutta University and JNU.
➢ Member of NAAC Peer Team
➢ Appointed by Vidyasagar University as Member for BOS of Undergraduate subject Political Science with effect from the academic session 2012-13.

Omprakash Misra
➢ Served as the Pro-Vice Chancellor of IGNOU, from 23 July 2007 to 22 July 2010.
➢ Member Secretary, Global India Foundation
➢ Member, Board of Governors, MDI, Gurgaon
➢ Member, Executive Council, Maulana Abul Kalam Azad Institute of Asian Studies

Tridib Chakraborti
➢ Asiatic Society Kolkata (Life Member)
➢ Institute of Historical Studies , Kolkata ( Life Member )
➢ Indian Association for Asia & Pacific Studies , Kolkata (Executive Committee Member and Treasurer)
➢ Paschim Banga Itihas Sansad ( Member)
➢ Advisory Board Member of Contemporary India and South Asia Series, World Scientific Publishing, Singapore
➢ Member of the National Advisory Board of the peer reviewed e-journal of the Asia-Pacific Journal of Social Sciences.

Page 80
External Ph.D Committee Member, Department of South and Southeast Asian Studies, University of Calcutta, Kolkata

Vice President, Indian Ocean Studies, Calcutta Chapter

Partha Pratim Basu
- Member, Departmental Research Committee and Undergraduate Board of Studies, Dept. of Political Science, University of Kalyani;
- Member, Postgraduate Board of Studies, Dept. of Political Science, University of Burdwan and Ramakrishna Mission Vidyamandira, Belur (Autonomous College);
- Member M.Phil Committee, Dept. of Political Science, University of Calcutta and Vidyasagar University.

A.J. Majumdar
- Member, Post-graduate Board of Studies in Human Rights and Human Development, Rabindra Bharati University

Imankalyan Lahiri
- Member, Expert Committee, India-China Culture Exchange Programme, ICSSR, New Delhi

Seminars/Conferences/Workshops organized and the source of funding (national / international) with brief details (mention any notable features):
The Centre for Refugee Studies (attached to the Department) organized in association with the African Studies Association, New Delhi a talk by Professor Chris de Wet Professor of Anthropology, Rhodes University, South Africa, on 31 December 2008.

The Department held an interactive Session with a delegation from Pakistan in collaboration with “Indo-Pakistan Forum for Peace and Democracy” on 6 March 2009.

The Department held in collaboration with Fulbright Alumni Association an Information Session for Fulbright Nehru Fellowships (2010-11) conducted by Dr Sunrit Mullick, Regional Officer, USIEF, Kolkata on 8 May 2009.

A national seminar on Politics and Foreign Policy in Contemporary South Asia: Challenges and Opportunities was organized under the CAS-I Programme. The seminar was held during 27-28 February 2009. There were three outstation participants among the paper presenters at the seminar.

As part of the academic exercise under the CAS-I Programme of the Department of International Relations, five research scholars of the Department made presentations and took part in an Interactive Programme held on 9th March 2009. The presentations and interactions focused on issues pertaining to the broad thrust areas of the CAS-I Programme.

Professor Baladas Ghosal, former Professor & Chairman, Centre for South, Central, Southeast Asia and South-West Pacific Studies, Jawaharlal Nehru University, and currently attached to the Centre for Policy Research, New Delhi, and Professor I. N. Mukherjee, former Professor of Jawaharlal Nehru University & presently Senior Consultant, Research and Information System for Developing Countries, New Delhi visited the Department in January and March 2009 respectively under the CAS-I Programme as Visiting Faculty to deliver series of lectures.

Prof Jyotirmoy Banerjee won worldwide European Union outreach programme.

Dr Imankalyan Lahiri conducted (a) UGC-sponsored six-month certificated course on Radio Production and (b) NSS Project on Empowerment of the Youth.

The Department hosted talks by
(a) Ms Beth Payne, US Consul General, on 13 March 2009
(b) Prof Piotor Klodkowski, Ambassador of Republic of Poland to India on 28 October 2009
(c) Mr Fumio Samukawa, Consul-General, Japanese Consulate, Kolkata on 3 November 2009.

Dr Helen Kopnina of University of Amsterdam remained attaché to the Department under the Erasmus Mundus Exchange programme between August 17 and September 14, 2009.

Prof. B.C. Upreti, Director, South Asia Study Centre, University of Rajasthan, Jaipur delivered a series of lectures as Visiting Faculty under the UGC CAS-I programme during 8-15 February 2010.

The Department organized a two-day national seminar on China and the Contemporary World under UGCV CAS I Programme on 4-5 March 2010.

The Department hosted talks by Prof Piotor Klodkowski, Ambassador of Republic of Poland to India on 28 October 2009, Mr. Fumio Samukawa, Consul-General, Japanese Consulate, Kolkata on 3 November 2009, Dr Walter Anderson, Director (Actg.) South Asia Studies, Paul H Nitze School of Advanced International Studies, Johns Hopkins University, Washington DC on 7 January 2010, and Dr Phillip Darby, Director, Institute of Postcolonial Studies, Melbourne, Australia on 5 February 2010.
Prof. Sobhanlal Datta Gupta, Surendranath Banerjee Chair Professor (Retd) of University of Calcutta delivered a series of lectures as Visiting Faculty under the UGC CAS I Programme during April 5-12, 2010 at the Department.

Prof. M.J. Vinod, Department of Political Science, Bangalore University visited the Department of International Relations for a series of lectures during 2-9 September, 2010

Dr Cathall McCall, School of Politics, International Studies and Philosophy, Queens University, Belfast, delivered a talk on ‘European Union Borders: Sites of Conflict Transformation’ on 13 April 2010.

Dr. Imtiaz Omar, School of Law, University of New England, Australia delivered a lecture on Issues of Constitutional Interregnums in Governance on August 16, 2010.

Prof. Pat Gibbons, Director of Humanitarian Action Program, University College of Dublin delivered a talk on Conflict in Ireland on August 16, 2010.

Rahul Roy Chaudhury, Senior Fellow, International Institute of Strategic Studies, London, delivered a talk on India-China: Partners or Rivals? on January 13, 2011 at the Department of International Relations.

Prof. Jhao Boli of Yunnan University, Peoples’ Republic of China, visited the Department of International Relations for an interactive session with the Faculty Members on August 23, 2010.

A delegation from the Prajadhipok’s Institute, Thailand visited the Department of International Relations on August 4, 2010 to interact with the faculty members.

The Department of International Relations organized a two-day International Relations Scholastic Conclave on April 19-20, 2010; a two-day international seminar on Asian Security in the 21st Century on March 15-16, 2011; and a seminar on The Socio-political Vision of Tagore and its Contemporary Relevance on February 21, 2011.

A National Seminar on Asian Regionalism in the 21st Century was held during 7-8 February 2012. The seminar was inaugurated by, Professor Nilanjana Gupta, Dean, Faculty of Arts, Jadavpur University. There were 3 outstation paper presenters. The Key-note address was delivered by Professor Rajen Harshe, Department of Political Science, Hyderabad University and former Vice-Chancellor, Allahabad Central University. Among the paper presenters were faculty members of the Department, teachers from other Departments of this University, and also from outside.

Professor Chintamani Mahapatra, an eminent scholar from the School of International Studies, Jawaharlal Nehru University, New Delhi, visited the Department during 23-30 August 2011 to deliver series of lectures as Visiting Faculty.

The Department organized the International Relations Students Conclave 2011 during July 25-27, 2011.

The Department hosted the maiden Professor Jayantanuja Bandyopadhyaya Memorial Lecture in collaboration with the School of International Relations and Strategic Studies on November 3, 2011

Prof. Hideki Esho of Hosei University, Tokyo visited the Department and delivered lecture on Indo-Japan Relations on January 18, 2012.

The Department organized a National Seminar on Asian Regionalism in the 21st Century under its UGC- CAS-I Programme during February 7-8, 2012.

The Department organized a talk by Ambassador Rajendra Abhyankar on Understanding the Arab Spring on February 18, 2012

The Department organized a National Seminar on Terrorism in India: The Emerging Issues and Challenges in collaboration with Jogesh Chandra Chaudhuri Law College, Kolkata, on December 8-9, 2011.

Prof. Achin Vanaik delivered a lecture on Terrorism and Empire on December 19, 2011. The lecture was organized in collaboration with School of International Relations and Strategic Studies.

The Centre for Refugee Studies of the Department of International Relations organized a Workshop on The Trope of Women and Children Displaced: Issues and Challenges, in collaboration with School of Women’s Studies, Jadavpur University, on March 19, 2012.

Mr. Mitsuo Kawaguchi, Hon’ble Consul General of Japan in Kolkata, spoke on the evolving India-Japan relations in the new Asian era on September 28, 2012 (Friday) at 1 P.M.

One-day Seminar on “Studying Indian Political Thought through Texts: Reading M.N. Roy Today” held on 5 October, 2012 at Jadavpur University, Kolkata held in collaboration with SIRSS and the Council for Political Studies, Kolkata. Speakers included Prof. Gouripada Bhattacharya, Prof. Sobhanlal Datagupta and Professor Tridib Chakrabarti.

The students of the Department of International Relations organized the International Relations Scholastic Conclave 2012 from October 10 to 11, 2012. Ambassador Salman Haidar delivered the key-note address.

The Department of International Relations held a Panel Discussion on the Book “India’s Foreign Policy: Coping with the Changing World” by Shri Muchkund Dubey, Former Foreign Secretary to the Government of India, on 12th November, 2012 with Professor Muchkund Dubey, Dr. Sreeradha Dutta, Director, Mualana Abul Kalam Azad Institute for Asian Studies, Kolkata, Professor Purusottam Bhattacharya, Professor Partha Pratim Basu and Professor Tridib Chakrabarti as panellists.

Prof. V.T. Patil delivered a lecture on Mahanama Madan Mohan Malaviya’s Vision on Democracy and Civil Society in August 2012.
Collaborative seminar with the Department of History on Mahanama Madan Mohan Malaviya was held on November 3, 2012. Professor Priyankar Upadhyaya, Director, Malaviya Centre for Peace, BHU, delivered the keynote address. Speakers included Professor Partha Pratim Basu, Dr. Hitendra Patel and Dr. Udayan Bandyopadhyay. Dr. Arvind Kumar, Professor and Head, Department of Geopolitics & International Relations, Manipal University, joined the Department as a UGC Visiting Fellow under the CAS-1 Programme and delivered a series of lectures between November 5 and 12, 2013.

Professor Thomas F Schaller, Associate Professor of Political Science at the University of Maryland, Baltimore County, U.S., delivered a lecture on Reviewing the 2012 Elections in the US on January 11, 2013. Prof. Ayat Patnaik, Chairperson, Centre for Russian and Central Asian Studies (CRCAS), School of International Studies, Jawaharlal Nehru University, New Delhi, visited the Department as a Fellow under the UGC-CAS-1 Programme between January 14 and 21, 2013 and delivered a series of lectures on Indian foreign policy and Central Asia. He also delivered a public lecture on Geopolitics of Eurasia in the Post-Soviet Period on January 15, 2013.

The Department of International Relations organized an international seminar on Southeast Asia in the Emerging Global Order: Challenges and Opportunities, under the UGC-CAS-1 Programme, in collaboration with the Maulana Abul Kalam Institute of Asian Studies (MAKAIAS) and Indian Council of Social Science Research (ICSSR), Kolkata, on February 16-18, 2013. Prof. Arabinda Acharya, International Centre for Political Violence and Terrorism Research S. Rajaratnam School of International Studies, Nanyang Technological University, Singapore and Prof. Kriengsak Chareonwongsak, Senior Fellow, Harvard University and President, Institute of Future Studies for Development, Thailand, were among the paper presenters. Prof. Baladas Ghoshal, Centre for Policy Research, New Delhi delivered the keynote address while Prof. Asish Kumar Roy, Ex Professor, Department of South and Southeast Asian Studies, Calcutta University presented the valedictory address.

Dr. Malini Sur, Post-Doctoral Fellow, Moving Matters Research Program, University of Amsterdam, delivered a lecture on “Commodities and Connections: Mapping Ambiguity and Danger at the Bangladesh-India borderlands” on March 7, 2013 at 1.00 P.M. The programme was organized by the Centre for Refugee Studies under the Department.

Prof. Yagama Reddy, Centre for Southeast Asian & Pacific Studies (CSEA & PS), College of International Studies, Sri Venkateswara University, Tirupati visited the Department as a Visiting Fellow under the UGC-CAS-1 Programme between March 12 and 19, 2013 and delivered a series of lectures to students and research scholars. He also delivered a public lecture on India's Look East Policy and Responses of the ASEAN countries on March 14, 2013.

Dr. Sreeradha Datta, Director, Maulana Abul Kalam Azad Institute of Asian Studies, Kolkata, delivered a talk on The Shahbag movement and its implication for Bangladesh and the neighbourhood on Friday, April 26, 2013.

His Excellency, Alon Ushpiz, who serves as the Ambassador of Israel to India and Non-Resident Ambassador to Sri Lanka, visited the Department and delivered a talk on Israel-Indo Relations and West Asia Predicament on June 14, 2013. The Ambassador was accompanied by Assaf Moran, First Secretary, Political Affairs, Embassy of Israel and Mr. Harsh Neotia, Honorary Consul of Israel in West Bengal. Prof. Sanjukta Bhattacharya presided over the talk.

Sumit Ganguly, Professor of Political Science, Rabindranath Tagore Chair in Indian Cultures and Civilizations and Director of the Center on American and Global Security at Indiana University, Bloomington, delivered a lecture on August 12, 2013 entitled "Seeking to Terminate the Interminable: Theoretical Perspectives on the Indo-Pakistani Rivalry"?
DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

PhD Awarded

Krishnapada Majumder

Chaitali Dutta

Udayan Bhattacharya

Amitabha Chatterjee

Subarna Kumar Das

PhD Submitted

Krishnapada Majumder

Subarna Kumar Das
<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name</th>
<th>Supervisor(s)</th>
<th>Title</th>
</tr>
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<tbody>
<tr>
<td>01</td>
<td>Joydip Chandra</td>
<td>Sunil Kumar Chatterjee</td>
<td>Web Link Topologies of Higher Academic Institutions in India: An Analytical Study</td>
</tr>
<tr>
<td>02</td>
<td>Indrajit Pan</td>
<td></td>
<td>Bibliometric Analysis of Scientific Research Output of Indian Association for the Cultivation of Science: 1947-2006</td>
</tr>
<tr>
<td>03</td>
<td>Madhushri Ghosh</td>
<td></td>
<td>Information Resources of Social Science Research Library and Information Centres in West Bengal: A Critical Evaluation</td>
</tr>
<tr>
<td>04</td>
<td>Anup Kumar Rout</td>
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<td>Bingsha Satabdite Prakashita Bangla Granthe Pradatta Tathya Utser Bibhitra Baichita: An Analytical Study</td>
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<td>Sources of Information on North Bengal with Special Reference to 3Ts (Tea, Timber and Tourism): An Analytical Study</td>
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<td>Joydip Chandra</td>
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<td>Bangla Vashay Gronthagar O Tottobigyan Sonkranto Dharona Somuher Kalanukromik Biborton</td>
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<td>Strength and Weakness of Copyright Policy of India: An Assessment</td>
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<td>The work of Muslim authors in Bengal during 20th and 21st centuries: a quantitative analysis</td>
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<td>Monalisa Srimani, Chaitali Dutta, and Chittabrata Palit</td>
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<td>Recent Pattern of Citations: An Analytical Study of Citations of Articles Published in Library and Information Science</td>
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<td>Atanu Das</td>
<td>Mapping of Interrelationship between Library and Information Science (LIS) and Non-LIS Literature Publications</td>
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<td>Tarun Kumar Mondal</td>
<td>Absolute Syntax and Cognitive Science: A Critical Analysis on the Cognitive Basis of Ranganathan’s Idea about Syntax of Facets</td>
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<td>Smt. Puravi Sen, Binod Bihari Das, and Prof. J.K. Sarkhel</td>
<td>Accessibility and Availability of Information Sources on Freedom Movement of India in Libraries of Kolkata: An Analytical Study from Users' Perspective</td>
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**Publications**

**Papers Published in Journals/Conference Proceedings**


Monographs

Chapters in Books

Edited Book

ISBN: 978-93-81669-00-6
**Books Published with ISBN**


DEPARTMENT OF PHILOSPHY

2008-2013

Special Lectures
1. Professor Sheir Ju, Institute of Logic and Cognition, Zhongshan University, Guangzhou
2. Professor Huaibin Jing, Institute of Logic and Cognition, Zhongshan University, Guangzhou
3. Professor Bipin Indurkhya, IIIT Hyderabad
4. Professor Kai-Uwe Kuhnberger, University of Osnabruck, Germany
5. Dr. Angela Schwering, University of Osnabruck, Germany
6. Professor S.G. Kulkarni, Department of Philosophy, Central University of Hyderabad, Hyderabad
7. Professor Suniti Pathak, Department of Indo-Tibetan Studies, Viswa Bharati, Santiniketan
8. Professor Gautam Bhattacharya, Department of Physics, Saha Institute of Nuclear Physics, Kolkata
9. Professor Prajit Basu, Department of Philosophy and Centre for Neural and Cognitive Sciences and Centre for Knowledge Culture and Innovation Studies, University of Hyderabad, Hyderabad
10. Professor Tushar Kanti Sarkar, Former Professor of Philosophy, Department of Philosophy, Jadavpur University, Kolkata
11. Professor Biswmbhar Pahi, ICPR National Fellow and former Professor of Philosophy, Rajasthan University, Jaipur
12. Professor Dan Zahavi, Professor of Philosophy and Director of the Centre for Subjectivity Research, University of Copenhagen, Denmark
13. Professor Owen Flanagan, James B. Duke Professor of Philosophy and Professor of Neurobiology, Duke University, USA
14. Professor Jay Garfield, Doris Silbert Professor of Humanities and Professor of Philosophy, Smith College, University of Melbourne
15. Dr. Prasanta S. Bandyopadhyay, Department of History, Philosophy & Religious Studies, Montana State University, USA
16. Dr. Phil Hutchinson, Department of Philosophy, IDS, MMU, England
17. Professor Kishor Chakraborti, Fullbright Visiting Professor, Professor of Philosophy and Religious Studies and Distinguished Scholar in Residence, Devis and Elkins College, West Virginia, USA

Centre for Sri Aurobindo Studies
1. Professor Ramesh Pradahan, Department of Philosophy, Central University of Hyderabad, Hyderabad
2. Professor Stephen Phillipps, University of Texas, USA
3. Professor Kantan Bhattacharyya, Indian Association for the Cultivation of Sciences, Jadavpur
4. Professor Rahul Banerjee, Saha Institute of Nuclear Physics, Kolkata
5. Professor Aditya Kumar Mohanty, Centre of Advances Study in Philosophy, UTKal University, Bhubaneswar
6. Dr. Anuradha Choudhury, Pondicherry
7. Professor Gopala Krishnan, Department of Philosophy, University of Madras, Chennai
8. Dr. Ulrich Mohroff, Sri Aurobindo International Centre for Education, Sri Aurobindo Ashram, Pondicherry
9. Dr. Debashish Banerji, Educational Coordinator, University of Philosophical Research, Los Angeles, California
10. Dr. Arabindo Basu, Sri Aurobindo Ashram, Pondicherry
11. Professor Arindam Chakrabarti, Hawaii University, presently at National Institute of Advanced Study, Bangalore

Under Major Research Project
1. Professor Samiran Chandra Chakraborty, UGC Emeritus Fellow, School of Vedic Studies, Rabindra Bharati University
2. Professor Karuna Sindhu Das, Vice Chancellor, Rabindra Bharati University
3. Professor Ratna Basu, Coordinator MRC, University of Calcutta
4. Professor S. R. Banerjee (Retd.), Philological Secretary, Asiatic Society
5. Dr. Ajoy Kumar Ghosh, Library Secretary, Asiatic Society, Kolkata
6. Professor Bhabani Prasad Bhattacharya, Retd, Head and Professor of Department of Sanskrit, Jadavpur University
7. Professor Navjyoti Singh, Coordinator, Centre for Exact Humanities, IIT, Hyderabad
8. Professor S. Varakhedi, Director, Sanskrit Academy, Hyderabad.
Publication of Faculty (individually)

1. Shefali Moitra
   - Numbers of papers published in peer reviewed journals (national/international): National: 01
   - Chapters in Books: 01

1. Amita Chatterjee
   - Numbers of papers published in peer reviewed journals (national/international): National: International: 02, National: 04
   - Monographs: 01
   - Chapters in Books: 10
   - Books with ISBN details of publishers:
     | Name of the Book                          | ISBN No.                      | Publisher            | Year of Publication |
     |-------------------------------------------|------------------------------|----------------------|---------------------|
     | Mental Reasoning: Experiments and Theories | 978-81-906429-3-4            | Codex, Kolkata       | 2009                |

3. Indrani Sanyal
   - Numbers of papers published in peer reviewed journals national: 01
   - Chapters in Books: 13
   - Edited Books: 04
   - Books with ISBN details of publishers:
     | Name of the Book                          | ISBN No.                      | Publisher            | Year of Publication |
     |-------------------------------------------|------------------------------|----------------------|---------------------|

2. Ratna Datta Sharma
   - Numbers of papers published in peer reviewed journals national: 04
   - Monographs: 1
   - Chapters in Books: 18
   - Edited Books: 01
   - Books with ISBN details of publishers:
     | Name of the Book                          | ISBN No.                      | Publisher            | Year of Publication |
     |-------------------------------------------|------------------------------|----------------------|---------------------|

3. Rupa Bandyopadhyay
   - Monographs: 01
   - Chapters in Books: 10
   - Books with ISBN details of publishers:
     | Name of the Book                          | ISBN No.                      | Publisher            | Year of Publication |
     |-------------------------------------------|------------------------------|----------------------|---------------------|

4. Madhumita Chattopadhyay
   - Numbers of papers published in peer reviewed journals (national/international): National: 05
   - International: 03
   - Monographs: 1
Chapters in Books: 5
Edited Books: 1
Books with ISBN details of publishers:

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<td>Walking along the Paths of Buddhist Epistemology</td>
<td>81-246-0441-X</td>
<td>DK Printworld, Delhi</td>
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<tr>
<td>Perspectives of Education</td>
<td>978-81-906429-4-1</td>
<td>Codex Printers, Kolkata</td>
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5. Piyali Palit
- Numbers of papers published in peer reviewed journals (national/international): 11
- Sadhan Chakraborty
  - Numbers of papers published in peer reviewed journals (national/international): 03
  - Chapters in Books: 05
  - Edited Books: 02
- Soumitra Basu
  - Chapters in Books: 06
  - Edited Books: 03

18. Gangadhar Kar
- Numbers of papers published in peer reviewed journals (national/international): 12
- Edited Books: 2
- Books with ISBN details of publishers:

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19. Sashinungla
- Numbers of papers published in peer reviewed journals (national/international): 1
- Chapters in Books: 1
- Edited Books: 1

20. Jhuma Chakraborty
- Chapters in Books: 07

21. Atashee Chatterjee Sinha
- Numbers of papers published in peer reviewed journals (national/international): 4
- Chapters in Books: 2 (published)

22. Lopamudra Choudhury
- Numbers of papers published in peer reviewed journals (national/international): International: 04, National: 05
- Edited Books: 01

23. Proyash Sarkar
- Numbers of papers published in peer reviewed journals (national/international): 2
- Monographs: 1
- Chapters in Books: 4
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24. Aparajita Mukherjee
- Numbers of papers published in peer reviewed journals (national/international): 3

25. Arun Mahata
- Numbers of papers published in peer reviewed journals (national/international): 03
26. Maushumi Guha
- Numbers of papers published in peer reviewed journals (national/international): 01
- Chapters in Books: 01

27. Smita Sirker
- Numbers of papers published in peer reviewed journals (national/international): 04
- Monographs: 01
- Chapters in Books: 02

28. Maitreyee Dutta
- Numbers of papers published in peer reviewed journals (national/international): 1

29. Samar Mondal
- Numbers of papers published in peer reviewed journals (national/international): 05
- Monographs: 01
- Chapters in Books: 01
- Books with ISBN details of publishers: 01

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30. Gargi Goswami
- Numbers of papers published in peer reviewed journals (national/international): 01

31. Dipayan Pattanayak
- Numbers of papers published in peer reviewed journals (national/international): 2
- Chapters in Books: 1
- Books with ISBN details of publishers:

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<td>Pearson Education, New Delhi</td>
<td>2009</td>
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32. Madhucchanda Sen
- Numbers of papers published in peer reviewed journals (national/international): 1
- Monographs: 03
- Chapters in Books: 5
- Books with ISBN details of publishers:

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**Seminars/Workshops/etc.**

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<td>2008</td>
<td>National Seminar on ‘Morality in International Relations and Public Affairs’</td>
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<td>Workshop on ‘Vaisesika Formal Ontology’</td>
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<td>Departmental seminar on ‘Emotion and Reason’</td>
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<td>National Seminar on ‘The Myth of Knowledge without Value’</td>
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<td>State-level Seminar on ‘Some Reflections of Non-Violence’</td>
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<td>2010-11</td>
<td>Workshop on 'Sri Aurobindo’s Vision of Human Unity’</td>
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<td>Workhop on 'Sri Aurobindo’s Vision on Humanity’</td>
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<td>National Seminar on ‘Philosophy of Language: Objectivity and Communicability of Meaning’</td>
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<td>State-level seminar on ‘Philosophical Dimensions of Tagore’s Thought,’</td>
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<td>2011-12</td>
<td>National Seminar on ‘Culture and Identity: From the perspective of Sri Aurobindo’</td>
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<td>National Seminar on ‘Time and Consciousness’</td>
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<td>National Seminar on 'Society, Culture and Value’</td>
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<td>State-level seminar on ‘Modern Indian Thinkers on Humanism’</td>
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**List of doctoral students from other universities**

1. Anamika Dasgupta
2. Debasish Chatterjee
3. Meena Nayek
4. Tamasa Chattopadhyay
5. Purnima Jana
6. Chaitali Das
7. Debasis Ghosh
8. Sushoban Dey
9. Swati Rakshit
10. Sweta Banerjee
11. Sanjib deb
12. Jayceta Saha
13. Krishna GuhaThakurta
14. Indrani Dasgupta
15. Arnab Mukherjee
16. Nairrita Bhattacharjee
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<td>Shiuli Datta</td>
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**List of Doctoral students from host university**

1. Kasturi Saha
2. Biswanath Pramanik
3. Gopinath Mondal
4. Debarati Mukherjee
5. Jayeeta Dutta
6. Arpita Sarkar
7. Sananda Sen
8. Sharmistha Dhar
9. Doyel Ghosh
10. Panna Bhattacharya
11. Debasri Banerjee
12. Sushmita Saha
13. Anwesa Dutta
14. Tapa Chakraborty
15. Md.Javed Hassan
16. Tusi Bhattacharya
17. Sreetama Bhattacharya
18. Preetam ghoshal
19. Sushen Mondal
20. Somnath Kar
21. Monorima Sen
22. Mukul Mondal
23. Susmita Bhattacharya
24. Rubai Saha
25. Anannya Paul
26. Tamoghna Sarkar
27. Chandrima Bhar
28. Sunirmal Das
29. Surojit Debnath
30. Sunan nandy
31. Sanchali Banerjee
32. Anannya Halder
33. Jayeeta Adda
34. Payel Kar
35. Mandrita Bhattacharya Aich
36. Jayeeta Dutta
37. Shalmoli Palit
38. Payel Pakrasi
39. Bikash Mondal
40. Shaonli Seal
41. Sangeeta Basu
42. Sumana Bera
43. Moumita Ray
44. Sharmili Mukherjee
45. Jaya Karmakar
46. Susnata Ghosh
47. Riddhi Chatterjee
48. Sanjit Chakraborty
DEPARTMENT OF PHYSICAL EDUCATION

List of senior Visiting Fellows, Adjunct faculty, Emeritus Professors, Visiting professors

1. Dr. Subrata Saha
2. Dr. Sudarsan Bhowmick
3. Sri Biplab Barman
4. Sri Dhruba Banerjee
5. Sri Bablu Marik
6. Dr. Pratryush Kumar Dey
7. Sri Jaydeb Das
8. Sri Aghore das
9. Sri Swapan Kumar Das
10. Sri Basudeb Karmakar
11. Dr. Parimal Debnath
12. Sri Bramha Bikash Roy
13. Sri Sumit Roy
14. Paramita Ghosh
15. Sri Pintu Sarda
16. Sri Niladri Sankar Bandyopadhyay
17. Dr. Prem Sundar Das
18. Sri Basudeb Dey
19. Sri Satyabrata Nayak
20. Sri Suman Kumar Mayti
21. Nigel Akkara
22. Sri Anindya Bandyopadhyay
23. Smt. Tanushri Basu
24. Sri rabindranath Mazumder
25.

Faculty serving in National committees, International committees, Editorial Boards, and any other Membership of Learned Societies and/or Professional Bodies

Sudip Sundar Das
1. International Society for the Advancement of Kinanthropometry
2. International Council for Physical Activity and Fitness Research
3. European Group for Research into Elderly and Physical Activity
4. Indian Federation of Computer Science in Sports
5. National Association for Physical Education and Sports Science
6. Indian Science Congress
7. Indian Tennis Volleyball Association
8. West Bengal Netball Association
9. Board of Studies of U.G. studies in Physical Education of University of Kalyani
10. Member of the Editorial Board of the Indian Journal of Yoga Exercise & Sports Science and Physical Education (ISSN-0975-265X) Published by Visva Bharti.

Ashok Kumar Biswas
1. International Society for the Advancement of Kinanthropometry
2. International Council for Physical Activity and Fitness Research
3. European Group for Research into Elderly and Physical Activity
4. Indian Federation of Computer Science in Sports
5. National Association for Physical Education and Sports Science
6. Indian Science Congress
7. Indian Tennis Volleyball Association
8. West Bengal Netball Association
9. Board of Studies of U.G. studies in Physical Education of University of Kalyani.
10. Member of the Editorial Board of the Indian Journal of Yoga Exercise & Sports Science and Physical Education (ISSN-0975-265X) Published by Visva Bharti.

Gopal Chandra Saha
1. Life member of Indian Federation of Computer Science in Sports
2. West Bengal Government College Teachers Association
3. Board of Studies member of West Bengal State University, Barasat, West Bengal
4. Reviewer and member of Editorial Board of ‘UNMESH’ a peer reviewed Journal of Physical Education, Banipur, ISSN No. 0974-9829
5. Associate Editor of International Journal of Physical Education, Health and Social Science (IJPEHSS)’ ISSN No. 2278-716X (Online)
6. ‘Indian Journal of Social and Natural Sciences’, An International Index and peer reviewed journal, ISSN No. 2277-6117
8. Member International Journal of Movement Education and Social Science (IJMESS)’ ISSN No: 2278 –0793, (Print)

**Asish Paul**

1. Board of Studies member of Jadavpur University, West Bengal
2. Member of the Editorial Board of the Indian Journal of Yoga, Exercise and Sports Science and Physical Education (ISSN-0975-265X)
3. Member of Physical Education Foundation of India
4. West Bengal Government College Teachers Association

**Distinguished alumni**

1. Dr. Sudip Sundar Das - Asso. Prof. presently Head, Department of Physical Education, Jadavpur University.
2. Dr. Asish Pal - Asst. Prof. Department of Physical Education, Jadavpur University.
3. Dr Susanta Sarkar - Asst. Prof. Department of Physical Education, University of Kalyani.
4. Dr. Pintu Sil - Asst. Prof. Govt. College of Physical Education for women, Dinhata under North Bengal University.
5. Dr. Swadesh Ranjan pan - Burdwan Raj College under Burdwan University.
6. Dr. Parimal Debnath - Former Professor, Department of Physical Education, Jadavpur University.
7. Dr. Gopal Chakraborty - Former Reader, Department of Physical Education, Jadavpur University.
8. Dr. Rana Bandyopadhyay - Govt. service in post of Managerial Cader.
9. Dr. Pratyush Kr. Dey - Former captain cum coach of the Combined University Rowing team.
10. Dr. Poulami Das - Former Lecturer, Narula Engineering College, Kolkata.
## DEPARTMENT OF SANSKRIT

### List of publications of the Faculty Members

*(2008 – 2013)*

<table>
<thead>
<tr>
<th></th>
<th>Name</th>
<th>Designation</th>
<th>Qualification</th>
<th>Specialization</th>
<th>Publication</th>
</tr>
</thead>
</table>
| 1 | Bijoya Goswami        | Professor; [Former Coordinator of CAS-Sanskrit, JU] | M.A. (JU), Ph.D. (JU)                             | Classical Sanskrit Literature & Literary Criticism, Indian Linguistics          | Books/ Monographs etc.: 05, Articles: 09  
   |                        |                                                  |                                                    |                                                                                 | [+ Cf. CAS-Sanskrit (Phase I) and ASIHSS-Sanskrit, JU Report]                                                                                 |
   |                        |                                                  |                                                    |                                                                                 | 2. Kāvyaprakāśa (Bengali translation and commentary): to be published by West Bengal State Book Board, 2013  
   |                        |                                                  |                                                    |                                                                                 | 4. “Diet in ancient India”, in: Diet and Medicine in Ancient India, ed. Bijoya Goswami, to be published by Sanskrit Pustak Bhandar, Kolkata  
   |                        |                                                  |                                                    |                                                                                 | 5. Encyclopaedia of Ancient Indian Dramaturgy --(co-authored by Prof Rita Chattopadhyaya) Under publication, Sanskrit Pustak Bhandar, 2013  
   |                        |                                                  |                                                    |                                                                                 | 2. ‘Rāmāyāṇa as an environmental saga’(based on a 2008 lecture on ‘The Rāmāyāṇa: an environmental saga’ at the UGC sponsored National Seminar on Environmental Awareness in Classical Sanskrit Literature, organized by the Department of Sanskrit, Bidhan Chandra College, Asansol, under The University of Burdwan), Journal of the Department of Sanskrit, RBhU. Kolkata; Rabindra Bharati University, 2009.  

<p>| 2 | Pradyot Kumar Datta   | Professor; [Formerly of RBhU]                  | M.A. (CU), Ph.D. (CU); Veda-Vyākaraṇa-tīrtha; Recipient of Bharatiya Vidya Bhavan Prize (Bangalore in collaboration with New York Centre); Awardee of Rashtriya Gaurav by India International Friendship Society, New Delhi. |                                                  |</p>
<table>
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<tr>
<th>Specialization</th>
<th>Books/ Monographs etc.: 05, Articles: 18</th>
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<tr>
<td>Books/ Monographs etc.:</td>
<td></td>
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<tr>
<td>5.</td>
<td>Ātmakathāsāhityer(a) āloke prācin(a) bhārate sāmājik(a) nyāy(a)-vicār(a); in: Rabindrabharati Patrika, no. 2 (May 2008).</td>
</tr>
<tr>
<td>7.</td>
<td>‘Controversy regarding some lineaged persons to be identical or not?’, in: Anvīkṣā: Research Journal of the Department of Sanskrit (Vol. 29), JU, Kolkata; Jadavpur University, 2008.</td>
</tr>
<tr>
<td>8.</td>
<td>‘Vaidikaśāhityer(a) āloke prācin(a) bhārate sāmājik(a) nyāy(a)-vicār(a); in: Rabindrabharati Patrika, no. 2 (May 2008).</td>
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<td>9.</td>
<td>‘Vaidikaśāhityer(a) āloke prācin(a) bhārate sāmājik(a) nyāy(a)-vicār(a); in: Rabindrabharati Patrika, no. 2 (May 2008).</td>
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<td>12.</td>
<td>‘Research Methodology’, based on a lecture on 20.03.2009 in the UGC-sponsored 2-day (19-20.03.2009) State-level Seminar on Sanskritic Research: Areas of priority, organized by the Department of Sanskrit, Rabindra Bharati University, Kolkata 2009 (March).</td>
</tr>
<tr>
<td>15.</td>
<td>‘Jaiminiyāyāyamālāvistarāḥam samāgrikalitānirūpaṃ: in Journal on Indology &amp; Sanskrit, the PG Department of Sanskrit, Krishnath College, Berhampore, Krishnanath College (under the University of Kalyani), September 2009.</td>
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<td></td>
<td>17.</td>
<td>‘Relevance of the Samaveda in the present era of Bengal’, in A Journal of Indology and Sanskrit: The PG Department of Sanskrit, Vol VII, March 2013, Krishnath College, Behrmupur, under the auspices of the University of Kalyani, Nadia</td>
</tr>
<tr>
<td></td>
<td>18.</td>
<td>‘Scientific concept on controversial matters in Vedic literature’— Seminar paper published on November 2012 in accordance with Two-day UGC-sponsored National Seminar at Kharagpur College, Department of Sanskrit in collaboration with the Department of Sanskrit, Vidyasagar University, Midnapore West</td>
</tr>
<tr>
<td>3.</td>
<td>Name</td>
<td>Rita Chattopadhyay</td>
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<tr>
<td></td>
<td>Designation</td>
<td>Professor; [Formerly of RBhU]</td>
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<tr>
<td></td>
<td>Qualification</td>
<td>M.A. (CU), Ph.D. (CU); Recipient of Griffith Memorial Prize (CU)</td>
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<td>Specialization</td>
<td>Modern Sanskrit Literature, Classical Sanskrit Literature &amp; Literary Criticism</td>
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<td>4.</td>
<td>Name</td>
<td>Ms. Sarbani Ganguli</td>
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<tr>
<td></td>
<td>Designation</td>
<td>Professor</td>
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<tr>
<td></td>
<td>Qualification</td>
<td>M.A. (CU), M.Phil. (JU), Ph.D. (JU); Gita-Prabha (Lucknow Bhatkhande Univ.), Pramathes Barua Awardee in Music (Kolkata)</td>
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<td></td>
<td>Specialization</td>
<td>Nyāya-Vaiśeṣika, Classical Sanskrit Literature &amp; Literary Criticism</td>
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<td>Books/ Monographs etc.: 02, Articles: 05 [+ Cf. CAS-Sanskrit (Phase I) and ASIHSS-Sanskrit, JU Report]</td>
</tr>
</tbody>
</table>
2. **Tarkasati-graha of Annambhaṭṭa: a critical edition with explanations in Bengali.**
   Kolkata: Sanskrit Book Depot, 2013

Articles:

1. A paper on 'Conditions of perception and its varieties: the Vaiśeṣika view' has been accepted for publication in Prof. R.N. Dandekar Commemoration Volume to be published by the centre of Advanced Study in Sanskrit, University of Pune, Maharashtra. 2010.
4. “Conditions of perception and its varieties: the Vaiśeṣika view”: accepted for publication in Prof. R.N. Dandekar Commemoration Volume to be published by the Centre of Advanced Study in Sanskrit, University of Pune.
5. “Medicinal value of tulasi”: report submitted and accepted for publication by Centre of Advanced Study, Department of Sanskrit, JU.

5. **Name**: Ms. Piyali Praharaj
   **Designation**: Professor
   **Qualification**: M.A. (CU), M.Phil. (CU), Ph.D. (JU)
   **Specialization**: Smṛti Literature
   **Publication**: Books/ Monographs etc.: 01 , Articles: 04
   Books/ Monographs etc.:
   1. Indian Women and the crisis of identity down the ages. Kolkata; Sanskrit Pustak Bhandar, 2006.
   Articles:
   1. ‘Prācīn(a) Bhāratīya āinānusāre vibhinna pesāy(a) niyog(a)-saṃkrānta vidhisamāna’(based on a lecture in the UGC-sponsored Orientation Course organized by the UGC-Academic Staff College, University of Calcutta, (on 10.07.2009) in: Confluence: a collection of essays (containing lectures delivered during the said Course). Kolkata; University of Calcutta, 2009.

6. **Name**: Ms. Debarchana Sarkar
   **Designation**: Professor
   **Qualification**: M.A. (CU), Ph.D. (CU); Diploma in Pali (CU), Diploma in German (JU)
   **Specialization**: Ancient Indian History, Epigraphy & Paleography, Classical Sanskrit Literature
   **Publication**: Books/ Monographs etc.: 04, Articles: 09
   [+ Cf. CAS-Sanskrit (Phase I) and ASI-HSS-Sanskrit, JU Report]
   Books/ Monographs etc.:
   1. General Editor, as Head of the Department of Sanskrit, to Vol. 29 of Anvīkṣā: Research Journal of the Department of Sanskrit, Jadavpur University, 2008.

Articles:

7. Name: Ms. Lalita Sengupta
   Designation: Professor
   Qualification: M.A. (CU), Ph.D. (JU)
   Specialization: Vedānta, Classical Sanskrit Literature
   Publication: Books/ Monographs etc.: 02 (in 2011), Articles: 06 [+ Cf. CAS-Sanskrit (Phase I) and ASIHSS-Sanskrit, JU Report]

Books/ Monographs etc.:
1. Siddhāntaleśasgraha, a study (project published under the UGC-sponsored CAS program, Department of Sanskrit, Jadavpur University), (2011).
2. Edited Anvikṣa (research journal of the Department of Sanskrit, JU), Vol. XXXIII (Professor Nandita Bandyopadhyay Commemoration Volume), March 2012.

Articles:
3. ‘Nimbārkadārśane mokṣasvarūpam’, accepted for publication in the 2011 issue of Sri Jagannathajyoti: annual journal of Sri Jagannath Sanskrit University (Puri, Orissa).

8. Name: Abhijit Ghosh

Designation: Associate Professor; [Ex-Visiting Professor, Department of South-Asian, Tibetan and Buddhist Studies, University of Vienna, Austria; Ex-Eminent Foreign Scholar Lecturer on Indian medical tradition & Yoga philosophy in the Humanities Korea Civilization Research Project at the Seoul National University; South Korea; Ex-Addresser to the 3rd World History Class with Scholars at the [Hyundai] IPark Culture Centre, Seoul, South Korea; Ex-Directeur d’Études Invité de l’École des Hautes Études en Sciences Sociales, Paris, France]

Qualification: M.A. (in Sanskrit-Pali, Univ. of Poona), Ph.D. (JU); Mittelstufe II Certificate in German (Goethe Institute, Munich), Certificate in Spoken Sanskrit (Rashtriya Sanskrit Sansthan, N. Delhi), Recipient of Jubilee Merit Prize (CU), Ex-Jan Gonda Foundation Post-Doctoral Fellow (Amsterdam-Leiden) Mittelstufe II Certificate in German (Goethe-Institute, Munich, Germany)

Specialization: Vedic Studies, Indian Linguistics, Classical Sanskrit Literature, Social Anthropology, Religious Ethnography, Hindu Iconography, North Indian Classical Music

Publication: Books/ Monographs etc.: 02 (+05 forthcoming), Articles: 09
Books/ Monographs etc.:
2. Nirukta: adhāyās 1-3 (up to the six bhāva-vikāras): based on a lesson module prepared in January 2006 for the M.A Part-1 Course (self-instructional materials: module no. VII for paper 1, 2nd half, with study guides and key words, literature and questions for students) for the Directorate of Distance Education, Vidyasagar University, Midnapore West, W. Bengal, to be published by the Directorate.
3. The Historical development of Old Indo-Aryan (declension and conjugation): based on a lesson module prepared in March, 2006 for Sanskrit M.A. Pt. 1 Course (X for paper 2, 1st half, with study guides, select reading and self assessment questions) for the Directorate of Distance Education, Vidyasagar University, Midnapore West, W. Bengal published by the Directorate.
4. Age, contents and Arrangements of the Vedas: based on a module unit prepared in August 2003 for the Sanskrit M.A. course (with glossary, matching bibliography and set of questions on the whole module for the evaluation of students’ response sheets) for the Directorate of Distance Education, Rabindra Bharati University, publ. by the Directorate in several edns.
5. The Treatment of Paippalāda-saṃhitā 9.1: research report submitted in September 2002 to Prof. Arlo Griffiths of Leiden University as part of an international project on the Paippalāda-saṃhitā of the Atharva-veda, documented using the Tokunaga-Fujii encoding in Microsoft Word format to be converted to the (La)TEX typesetting program, not yet published.
6. The Gājan Festival of Śiva in Burdwan District, West Bengal: research report
awaiting formal submission, documented using the Tokunaga-Fujii encoding in Microsoft Word format to be converted to the (La)TEX typesetting program, not yet published.

7. Domestication of a Terrible Goddess: the gradual change in the iconography of Kali: research report awaiting formal submission, documented using the Tokunaga-Fujii encoding in Microsoft Word format to be converted to the (La)TEX typesetting program, not yet published.

Articles:
2. ‘Toward the identification of a Vedic plant’: accepted for publication in a forthcoming issue of Traditional South Asian Medicine, Wiesbaden, Germany, 201x (a modified version of the paper presented on 14.02.2006 in the International Seminar on Ancient Indian Medical Tradition held at JU, at the initiative of the Dept. of Sanskrit under the UGC-sponsored ASIHSS programme): forthcoming.
4. ‘Two opposite images of physicians in India, then and now’: abstract of the paper presented in the 14th World Sanskrit Conference (2009) at Kyoto University published in 14th World Sanskrit Conference Abstracts, Kyoto 2009, p. 206 (abstract viewable also at <http://www.indology.bun.kyoto-u.ac.jp/14thWSC/> and the paper forthcoming in the proceedings of the 14th World Sanskrit Conference).
7. ‘To be happy with a sound body and mind in the Yogic way’, address to the 3rd World History Class with Scholars, Fall 2009 at the [Hyundai] I’Park Culture Center, Seoul published in 3rd World History Class with Scholars, Fall 2009 at the [Hyundai] I’Park Culture Center, Seoul published in 3rd World History Class with Scholars IP ark, Seoul 2009, a long with a Korean translation by Dr. Sung Yong Kang, Humanities Korea Professor, Institute of Humanities, Seoul National University.
8. ‘Yaska’s treatment of verb vis-a-vis noun: will the verbal noun please stand up?’, forthcoming in the Festschrift Volume on the occasion of Professor Johannes Bronkhorst’s 65th anniversary, Lausanne (Switzerland).
9. ‘The Beginning of the Kubera Mythology and the Etymology of his Name’, forthcoming in a future issue of Wiener Zeitschrift für die Kunde Südasiens: Vienna Journal of South Asian Studies, Vienna, Austria; have been requested by the editors to send for publication a modified version of my 2002 lecture at the University of Vienna.

<table>
<thead>
<tr>
<th>9. Name</th>
<th>Tapan Sankar Bhattacharyya</th>
</tr>
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<tbody>
<tr>
<td>Designation</td>
<td>Associate Professor; [Formerly of the Calcutta Campus of Rashtriya Sanskrit Sansthan, New Delhi]</td>
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<tr>
<td>Qualification</td>
<td>M.A. (JU), Ph.D. (JU); Kāvya-VyākaraṇaTarkatīrtha, Vyākaraṇācārya</td>
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<td>Nyāya-Vaiśeṣika, Pāṇinian Grammar</td>
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<td>Publication</td>
<td>Books/ Monographs etc.: 05 Articles: 07 [+ Cf. CAS-Sanskrit (Phase I) and ASIHSS-Sanskrit, JU Report]</td>
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</tbody>
</table>
2. General Editor, ex-officio as Head of the Department to to Vol. 30 of Anvikṣā: Research Journal of the Department of Sanskrit, Jadavpur University, 2009.  

| Name | Ms. Kakali Ghosh |
| Designation | Assistant Professor; [Joined JU on 7th May, 2008][Formerly of Trivenidevi Bhalotia College (under The University of Burdwan)] |
| Qualification | M.A. (CU), Ph.D. (CU) |
| Specialization | Vedānta, Buddhist Sanskrit Literature, Paleography, Manuscriptology, Paṭṭinian & Non-Paṭṭinian Grammar |
| Publication | Books/ Monographs etc.: 01, Articles: 08 [+ Cf. CAS-Sanskrit (Phase I) and ASIHSS-Sanskrit, JU Report] |

8. “Glimpses of scientific thoughts: as reflected in the Sanskrit Buddhist Narrative Works”, to be published by the Sree Sankaracharya University of Sanskrit, Kalady, Kerala.

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<tr>
<th>Name</th>
<th>Ms. Shiuli Basu</th>
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<tr>
<td>Designation</td>
<td>Assistant Professor</td>
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<tr>
<td>Qualification</td>
<td>M.A. (VBh), Ph.D. (VBh)</td>
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<td>Classical Sanskrit Literature &amp; Literary Criticism</td>
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Books/ Monographs etc.:

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<th>Sl. No.</th>
<th>Status</th>
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<tr>
<td>1.</td>
<td>International</td>
<td>International Seminar on ‘Ayurveda and its Impact on Indian and South-east Asian Societies’</td>
<td>Sponsored by the POSCO TJ Park Foundation, Korea and arranged by the Department of Sanskrit, Jadavpur University</td>
<td>23rd December, 2008</td>
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<tr>
<td>2.</td>
<td>International</td>
<td>International Seminar on ‘Architecture and Sculpture in Ancient India’</td>
<td>CAS-Sanskrit, Jadavpur University</td>
<td>8th January, 2010</td>
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Details of seminars, conferences etc. organized during 2008 – 2013
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<tr>
<td>1</td>
<td>Local/ State</td>
<td>A Course on 'Bhāṣā-pradīpa of the Navya-nyāya'</td>
<td>CAS-Sanskrit, Jadavpur University</td>
<td>16th-26th June, 2008</td>
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<td>2</td>
<td>Local/ State</td>
<td>Sanskrit Day Celebration</td>
<td>Dept. of Sanskrit, Jadavpur University</td>
<td>24th February, 2009</td>
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<td>3</td>
<td>Local/ State</td>
<td>Sanskrit Day Celebration</td>
<td>Dept. of Sanskrit, Jadavpur University</td>
<td>11th November, 2009</td>
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<td>4</td>
<td>Local/ State</td>
<td>State-level Seminar on “Ravindrabhāvanā: ekṛ samāyānuga parikramā”</td>
<td>Dept. of Sanskrit, Jadavpur University</td>
<td>6th-7th August, 2010</td>
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<tr>
<td>5</td>
<td>Local/ State</td>
<td>Sanskrit Day Celebration</td>
<td>Dept. of Sanskrit, Jadavpur University</td>
<td>15th February, 2011</td>
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<td>6</td>
<td>Local/ State</td>
<td>Workshop on Sanskrit Grammar: theory and practice</td>
<td>Centre for Indology, Department of Sanskrit, JU</td>
<td>13th-15th December, 2011</td>
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<td>7</td>
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<td>Dept. of Sanskrit, Jadavpur University</td>
<td>17th January, 2012</td>
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<td>8</td>
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<td>Dept. of Sanskrit, Jadavpur University</td>
<td>27th February, 2013</td>
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<td>9</td>
<td>Local/ State</td>
<td>Seminar on 'Indian Philosophical Thoughts and their Relevance in Modern Times'</td>
<td>Dept. of Sanskrit, Jadavpur University</td>
<td>22nd March, 2013</td>
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<td></td>
<td>National</td>
<td>3-day Workshop and National Seminar on 'Translation Studies: from and into Sanskrit and related Languages'</td>
<td>UGC-ASIHSS in collaboration with Centre for Indology, Dept. of Sanskrit, JU</td>
<td>24th-26th February, 2009</td>
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<td></td>
<td>National</td>
<td>2-day National Seminar on 'Indian Medical Systems: Changing Paradigms (with a focus on Ayurveda)'</td>
<td>Sponsored by the POSCO TJ Park Foundation, Korea and arranged by the Department of Sanskrit, JU</td>
<td>5th-6th April, 2009</td>
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<td>National</td>
<td>National Seminar on 'Indian Philosophical Systems: in the light of the 21st Century'</td>
<td>UGC-ASIHSS, Dept. of Sanskrit, Jadavpur University</td>
<td>2nd February, 2010</td>
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</table>
DEPARTMENT OF SOCIOLOGY

PUBLICATIONS

Ruby Sain

“Right To Die---Slippery Slopes of Your Decision/ Evaluation Regarding the Paper may be considered as a final Decisionthical Dialectics” in WOMEN SPEAK, edited by Bholanath Ghosh and Subhabrata Dutta, Mittal Publication, New Delhi, 2008.


“Annunnata jatir aandolone” (Backward Class Movement) in Bharoter Samajik Aandolone (India’s Social Movement), edited by Krishnadas Chattopadhyaya and Aniruddhya Choudhury, Levant Books, Kolkata, January 2010.


LEISURE AS A CONTEXT FOR DEPRESSION PREVENTION

in Jadavpur University Journal of Sociology, Number 4, March, 2011.


Newsletter Published: CENTRE FOR THE STUDY OF RELIGION AND SOCIETY


Estd. 21st December, 2011.

Dalia Chakrabarti

Sociology and Disability: limitations and prospects, Jadavpur University Journal of Sociology, vol 2, no. 2, February 2009:206-213


D P Mukerji and the Middle Class in India, Sociological Bulletin 59(2), May-August 2010: 235-255


* Chapters in Books


DEPARTMENT OF CHEMISTRY

List of publications (International & National)

2013

   M. Dolai, T. Mistri, I. Bhowmick, R. Herchel, Z. Travníček and M. Ali; *J. Molecular Structure*, accepted Ms.


Page 113
43. Maji, D; Das, S; Mardanya S.; Baitalik, S; Inorg. Chem. 2013, 52, 6820-6838
44. Das, S; Karmakar, S; Saha D; Baitalik, S; Inorg. Chem. 2013, 52, 6860-6879
45. Maji, D; Bhowmick C.; Karmakar, S; Baitalik, S; Inorg. Chem. 2013, 52, 0000
47. Shit, S., Nandy, M., Rosair, G., Salah El Fallah, M., Ribas, J., Garribera, E., Mitra, S. Polyhedron 2013, 52, 963-969
48. MAITI, M., SADHU, D., THAKURTA, S., SEN, S., ZANGRANO, E., BUTCHER, R.J., DEKA, R.C., MITRA, S. European Journal of Inorganic Chemistry 2013, 527-536


80. Pd_{0.01}Ru_{0.01}Co_{0.05}O_2:γ A highly active and selective catalyst for the liquid phase hydrogenation of p-chloronitrobenzene under ambient conditions. R. Mistri, J. Llorca, B. C. Ray, A. Gayen, *J. Mol. Catal. A: Chem.* 2013, 376, 111.


2012


97. Kuheli Das, Amitabha Datta, Chittaranjan Sinha, Jui-Hsien Huang, Eugenio Garribba, Ching-Sheng Hsiao, and Chin-Lin Hsu, ChemistryOpen 2012,1,80-89


136. Rajdip Dey and Debajyoti Ghoshal; Polyhedron, 34 (2012) 24-30
137. Rajdip Dey, Debalina Bhattacharya, Parimal Karmakar and Debajyoti Ghoshal, Polyhedron, 48 (2012) 157-166


2011


419. Interaction of cationic hydroxyethylcellulose (JR 400) and cationic hydrophobically modified hydroxyethylcellulose (LM200) with the amino-acid based anionic amphiphile sodium N-dodecanoyl sarcosinate (SDS) in aqueous medium. A. Dan, S. Ghosh, S. P. Moulik, *Carbohydrate Polymers* 2010, 80, 44.


2009


478. Nandi, Soumendranath; Bannerjee, Debashis; Wu, Jian-Sung; Lu, Tian-Huey; Slawin, Alexandra M. Z.; Woodlins, John Derek; Ribas, Joan; Sinha, Chittaranjan European Journal of Inorganic Chemistry (2009), (26), 3972-3981.


Participation in seminars, workshops, etc. by faculty members

Ranjit Kumar Mazumder
Chair a Session in National Conference on Sustainable Development through Innovative Research in Science and Technology held in Jadavpur University during 28th to 29th September 2012.

Nibir Mandal
Convenor, Workshop on Tectonic Geomorphology, H.N.B. University, Garwal, Uttrakhand
Convenor, Workshop on Geoscience for College Teachers, Bangalore
Invited talk on Structural Geology, Lucknow University

Sisir Kanti Mandal
Participated, co-chaired a session and presented invited talk in National Seminar on ‘Recent advances and future challenges in Geochemistry and Geophysics: the Indian scenario’, organized by Banaras Hindu University, India.
Editor and compiled (Mondal, S.K.), Abstract volume of the 2-day conference on ‘Recent Developments in the Chromite-Platinum Group Elements and Ni-Cu-Sulfides, Ti and V ore fields’ under the 'International Workshop on Magmatic Ore Deposits, Dec 1-8 (Bangalore, India)'; published by the Geological Society of India.

Sanjoy Sanyal
Attended and presented posters at the National seminar on “Recent advances and future challenges in geochemistry and geophysics” held during 22-24th February, 2012 organized by the Department of Geology, BHU

Subir Sarkar
Delivered lectures in GSI training Institute, Kolkata for the GSI Trainees in January, February, and March, 2012.
Delivered lectures and conduct field training programme in GSI training Institute, Aizwal, Mizoran for the GSI Trainees in January and May, 2012.
Delivered Key Note Lecture on invitation in National seminar of Indian Association of Sedimentologists (IAS) on “Sediments and Sedimentary rocks: Resource potential, depositional processes, implication to ecosystem and environmental changes”, 20-22nd Dec., 2012, Pondicherry University, Pondicherry

Pulak Sengupta
Delivered a lecture at the IISER, Kolkata on the “Departmental day” of the Earth Science Department. He also delivered lectures for school children under the program INSPIRE conducted by the DST, New Delhi. Attended National seminar on “Recent advances and future challenges in geochemistry and geophysics” held during 22-24th February, 2012 organized by the Department of Geology, BHU

Subhendu Bardhan

S.K. Nag
Chair a Technical session in the Section Earth System Sciences in the 100th Indian Science Congress held at Kolkata, during January 3 to 7, 2013.
Elected as Sectional Committee Member of Earth System Science Section, 100th Indian Science Congress to be held at Kolkata, 2013.
Chair a Technical Session and delivered invited talk in Earth System Science Section at the 98th Indian Science Congress, held at Chennai during 3 – 8th January, 2011.
Delivered a talk on “Groundwater Arsenic contamination in West Bengal” at UGC sponsored State Level Seminar on “Groundwater Pollution & Its Management: Perspective and Future Approaches” organized by Netaji Nagar College for Women during 7 - 8th December, 2010.
Chair a Technical session in the Section Earth System Sciences in the 96th Indian Science Congress held at Shillong, during January 3 to 7, 2009.

Sadhana Mahato
Attended and gave oral presentation at the National seminar on “Recent advances and future challenges in geochemistry and geophysics” held during 22-24th February, 2012 organized by the Department of Geology, BHU.
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
<th>Participants</th>
</tr>
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<tbody>
<tr>
<td>May 3-5</td>
<td>Storytelling och filmproduktion (VT2012)</td>
<td>A.Ghosh</td>
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<tr>
<td>Jun 9-12</td>
<td>Sediment sample collection in R/V Skagerrak arranged by Södertörn University (Elinor Andrén &amp; Thomas Andrén)</td>
<td>A.Ghosh, W. Ning</td>
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<td>Jun 19-22</td>
<td>BioCold Workshop, Svalbard</td>
<td>A.Ghosh</td>
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<tr>
<td>Feb. 9-13</td>
<td>International Paleolimnological Symposium 2012, Glasgow, Scotland</td>
<td>A.Ghosh, W. Ning, H.L. Filipsson</td>
</tr>
<tr>
<td>Nov. 19-21</td>
<td>The Swedish Marine Sciences Conference, Kalmar, Sweden</td>
<td>A.Ghosh, W. Ning, M. Khan, H. L. Filipsson</td>
</tr>
<tr>
<td>Feb. 12-17</td>
<td>4th PAGES Open Sciences Meeting, Goa</td>
<td>A.Ghosh, W. Ning, M. Khan, H. L. Filipsson</td>
</tr>
<tr>
<td>March 11-12</td>
<td>Lund University Centre for studies of Carbon Cycle and Climate Interactions Annual Meeting, Glumslöv, Sweden</td>
<td>A.Ghosh, W. Ning, M. Khan, H. L. Filipsson</td>
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</tbody>
</table>

**Seminars/Workshops etc for students**

**Workshop Amit Patra : Nodal person- Nibir Mandal**

Patra discussed the dynamical coupling from the low and middle atmosphere to the geospace including the upper atmosphere, ionosphere, and magnetosphere, for various frequencies and scales, such as gravity waves, tides, and planetary waves, and for equatorial, middle, and high latitudes. Climatological description of the wind field is required for interpreting most of the middle and upper atmospheric dynamical data. As an example, the waves generated in the troposphere, which strongly affect mesospheric circulation, are filtered by the zonal stratospheric winds. The level of dissipation and/or breaking of these waves in the mesosphere depend strongly on the wind direction and intensity. Knowledge of the steady state structure and the dynamic redistribution of various chemical species in the middle atmosphere, particularly at lower or tropical latitudes is important to study the whole atmosphere as a coupled system.

**Seminar 1 (Jointly organized by CAS and AAPG): Nodal person-Anupam Ghosh**

AAPG- JU Student Chapter organized another talk on 11th February, 2011. Sudeshna Basu, Post Doctoral Fellow, University College of London, UK and currently teaching geology in the Continuing Education Department of Oxford University, UK delivered a lecture on “Understanding the deep carbon cycle from the study of diamonds”. She highlighted topics related to the carbon cycle, carbon dioxide emissions, noble gases and volatiles, isotopic ratios and their uses, detecting age of diamonds and also the varied forms of diamonds and their origin.

**Seminar 2 (jointly organized by CAS and AAPG): Nodal person- Anupam Ghosh**

The 2011 South and east Asia Honorary Lecture was organized by the Jadavpur University Students' Chapter of Society of Petroleum Geophysicists in collaboration of Centre of Advanced Study- Phase V on 14th March, 2011. Dr. Jung-Ho Kim of Korea Institute of Geoscience and Mineral Resources was the honorary lecturer, and delivered a lecture on ‘Incorporating the Fourth Dimension in Geophysical Data Interpretation’.

Dr. Kim spoke at length about the importance of fourth dimension in geophysical data interpretation. The lecture highlighted various parameters that could qualify as the fourth dimension, such as resistivity, frequency, velocity, etc. He illustrated his talk with various 2-D and 3-D diagrams and spoke at length how to interpret and correlate them. At last he demonstrated the practical applicability of his concept through four real-life case studies that he was a part of, which included the construction of a bridge and a tunnel in Korea.

**Seminar 3: Nodal person- D.C. Pal**

Anjan Chaki, the former Director of the Atomic Minerals Directorate for Exploration and Research, DAE and presently the Rajaramanna Fellow delivered a talk on “Fueling India’s future power requirement-role of nuclear energy”. He elaborated and compared the present power scenario and per capita consumptions of electricity in India vis-à-vis different countries of the world. Dr. Chaki explained the projected future power requirements of our country to maintain and enhance the quality of life for future generation. He further compared the availability, feasibility, and impact on environment of different available and potential sources (renewable and non-renewable) of energy. Considering all aspects he suggested that nuclear energy turns out to be the most feasible and viable option to meet the future energy requirement of our country. The talk ended with very constructive discussions and question-answer session.
Seminar 4: Jointly organized by Society of Petroleum Geophysicists- Jadavpur University Student Chapter. 
Speaker: Prof. Sam Z. Sun of China University of Petroleum, Beijing, China 
Nodal person: Sisir Kanti Nag & Anupam Ghosh

The 2012 South and east Asia Honorary Lecture was organised by the Jadavpur University Students’ Chapter of Society of Petroleum Geophysicists in collaboration of Centre of Advanced Study- Phase V on 11th September, 2012. Prof. Sam Z. Sun of China University of Petroleum, Beijing, China was the honorary lecturer, and delivered a lecture on 'The cheapest elastic information: How rock physics models and amplitude processing affect prestack PP inversion'.

Dr. Sun spoke at length about the need to understand rock physics which in turn aim to establish P-wave velocity (Vp), S-wave velocity (Vs), density, and their relationships to elastic moduli κ (bulk modulus) and μ (rigidity Modulus), porosity, pore fluid, temperature, pressure, etc. for given lithologies and fluid types. These elastic deformations can help in characterizing reservoirs. PP-wave prestack inversion is the cheapest way to obtain elastic information. The lecture highlighted three main key factors of prestack inversion - rock physics, amplitude processing, and inversion algorithms. His lecture also covered the modern Rock Physics models like Gassmann equation, Kuster-Toksoz model, Xu-White model, AS-Xu-White model (3D Xu-White model), and DEM-Gassmann model.

Seminar 5: N.V. Chalapati of BHU delivered a lecture on ‘Kimberlites: Messengers from the Earth’s Mantle. Nodal Person: Sisir Mandal

The presentation of Dr. Chalapati Rao primarily focused on the role of kimberlite as a probe for mantle rocks. Integrating, field features, mineralogy and geochemistry of kimberlites from Dharwar craton and other classical kimberlite localities Dr. Rao also demonstrated as to how the petrological characteristics of kimberlite can serve as time capsules for unraveling the geodynamic evolution of the continents. Furthermore, the link between kimberlites, supercontinents, mantle plumes and Large Igneous Provinces are discussed.

Seminar 6: Tapan Roychoudhury. Nodal Person: Subhendu Bardhan

Tapan Roychoudhury, Former Head of the Department of Geological Study Unit, Indian Statistical Institute delivered a lecture entitle “Gondowana Stratigraphy—a fresh look”. Prof. Roychoudhury discussed in detail the stratigraphy of the Gondowana Supergroup and pointed out the existing problem within the stratigraphy. He argued about the position of many patches of Gondwana exposure including those which are exposed in Cauvery basin. He also suggested some ways to solve this stratigraphic problem.
1. Drift wave in pair-ion plasma, S. Ghosh, N. Chakrabarti, Manorjan Khan and M.R. Gupta, Pramana Jour. of Physics, 80, 283-287 (2013)


DEPARTMENT OF LIFE SCIENCE & BIOTECHNOLOGY

List of Publications (2008-2013)

Subrata Pal


Parimal Karmakar


Page 139
Factor 3.98


Attenuation of PTEN perturbs genomic stability via activation of Akt and down-regulation of Rad51 in human embryonic kidney cells Mukherjee A, Karmarkar P*, Molecular Carcinogenesis (accepted), 2012. [Impact factor 3.26]


Inactivation of PTEN is responsible for the survival of Hep G2 cells in response to etoposide-induced damage. Ananda Mukherjee, Saheli Samanta, Parimal Karmakar*. Mutation research (fundamental and molecular mechanisms of mutagenesis), 2011, 715(1-2):42-51. [Impact factor: 3.204]


**Ratan Gachhui**


43. Prophylactic role of D-Saccharic acid-1,4-lactone in tertiary butyl hydroperoxide induced cytotoxicity and cell death of murine hepatocytes via mitochondria-dependent pathways. Semantee Bhattacharya, Srabasti Chatterjee, Prasenjit Manna, Joydeep Das, Jyotirmoy Ghosh, Ratan Gachhui, Parames C Sil *Journal of Biochemical and Molecular Toxicology* 04/2011; 25(6):341-54. • [Impact Factor 1.60]


51. Syntheses, X-ray crystal structures, DNA binding, oxidative cleavage activities and antimicrobial studies of two Cu(II) hydrazone complexes Sambuddha Banerjee, Susmita Mondal, Samiran Mitra *Polyhedron* 01/2009; 28:2785-2793. • [Impact Factor 1.81]


**Biswadip Das**


**Uma Dasgupta**


Chanchal DasGupta
86. Application of molecular techniques for the assessment of microbial communities in contaminated sites (2014) Anirban Chakraborty1 Chanchal K DasGupta1 and Punyasloke Bhadury, in Microbial Biodegradation and Bioremediation by Das S (ed) to be published by Elsevier, Philadelphia, USA.
DEPARTMENT OF MATHEMATICS

Publications (2008 -2013)

90. N. Sarkar, A. Lahiri: Electromagneto-Thermoelastic Interactions in an Orthotropic slab with two relaxation times; Computational Mathematics and modeling 23(4):461-477(2012)


Page 151


218. Sardar,S.K., Mandal, D and Davvaz, B ; Fuzzy h-ideal of Matrix Hemiring $S_2 = \begin{pmatrix} R & \Gamma \\ S & L \end{pmatrix}$, *Iranian Journal of Fuzzy Systems(to appear).*


Books


### DEPARTMENT OF PHYSICS

Details of the ongoing projects and project completed during the last five years:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Investigators</th>
<th>Title of Project</th>
<th>Duration</th>
<th>Amount (Rs.)</th>
<th>Funding Agency</th>
<th>Collaboration</th>
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<tbody>
<tr>
<td>1</td>
<td>Partha Pratim Ray</td>
<td>Simulation of different multilayer structure for Extreme Ultraviolet mirror</td>
<td>1 year Ongoing</td>
<td>Rs. 50,000</td>
<td>JU</td>
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<td>2</td>
<td>Partha Pratim Ray</td>
<td>Development of hydrogenated nanocrystalline silicon and solar cell by plasma-enhanced chemical vapor deposition</td>
<td>3 years Ongoing 2010-2013</td>
<td>Rs. 16 lakh</td>
<td>BRNS-DAE</td>
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<td>3</td>
<td>Partha P. Ray</td>
<td>Development of bulk heterojunction solar cell based on nanostructured poly (3-hexylthiophene) (P3HT) and fullerene derivatives</td>
<td>Ongoing 2011-2014</td>
<td>8.12 lakh</td>
<td>UGC</td>
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<tr>
<td>4</td>
<td>S Tarafdar</td>
<td>Wetting, spreading and adhesion of complex fluids</td>
<td>Completed 2009-12</td>
<td>Rs. 11 lakh</td>
<td>UGC</td>
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<td>5</td>
<td>S. Tarafdar</td>
<td>Effect of competing mechanical and electromagnetic perturbation on formation of surface cracks</td>
<td>Ongoing 2011-2013</td>
<td>3 lakh</td>
<td>DST-JSPS Prof. Akio Nakahara, Nihon University</td>
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<tr>
<td>7</td>
<td>S. K. Roy</td>
<td>Monte Carlo Investigation of Phase Transitions in GAY-BURNE Liquid Crystals.</td>
<td>3 years 2011-2014</td>
<td>10.50 Lakhs</td>
<td>C.S.I.R</td>
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<td>8</td>
<td>D.P. Bhattacharya</td>
<td>Electronic Transport in Quantum Confined Semiconductor Structure at Low Lattice Temperatures</td>
<td>Completed, (4 yrs.)2006-10</td>
<td>Rs. 11 lakh</td>
<td>DST</td>
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<tr>
<td>9</td>
<td>Sukhen Das and Papiya Nandy</td>
<td>Study of Electrical properties of ion channel incorporated bilayer lipid membranes.</td>
<td>Completed (2007-10)</td>
<td>11 Lakhs</td>
<td>CSIR</td>
<td></td>
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<tr>
<td>10</td>
<td>C. R. Mandal</td>
<td>Classical simulation of ion-ion/atom interactions and to study its chaotic behaviour at low energies.</td>
<td>3 years Ongoing</td>
<td>16 Lakhs</td>
<td>D.S.T</td>
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<tr>
<td>11</td>
<td>A. Roy Chowdhury</td>
<td>On the Study of Solitonic Pulse Propagation in Nonlinear Optical Fiber*</td>
<td>3 years Ongoing</td>
<td>12 Lakhs</td>
<td>CSIR CGCRI, Kolkata</td>
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<tr>
<td>Sl. No.</td>
<td>Name of the Investigators</td>
<td>Title of Project</td>
<td>Duration</td>
<td>Amount (Rs.)</td>
<td>Funding Agency</td>
<td>Collaboration</td>
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<td>12</td>
<td>D. Lohar</td>
<td>The role of land surface processes towards initiation of Thunderstorm over Ganges West Bengal – An observational and modeling study.</td>
<td>2007-10 Completed</td>
<td>73 Lakhs</td>
<td>DST</td>
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<tr>
<td>13</td>
<td>B. D. Chattopadhyay</td>
<td>Purification, Characterization and structure determination of a protein from a novel anaerobic bacterium responsible for remediation of bio-concrete&quot;</td>
<td>2005-08 Completed</td>
<td>22.07 Lakhs</td>
<td>DBT</td>
<td>Prof. S. Mandal Civil Department Jadavpur University</td>
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<td>14</td>
<td>B. D. Chattopadhyay</td>
<td>Role of microorganism in developing a new Bioconcrete material to Remediate the Structural Defects of Concrete</td>
<td>2005-08 Completed</td>
<td>14.97 Lakhs</td>
<td>DRDO</td>
<td>Prof. S. Mandal Civil Department JU</td>
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<tr>
<td>15</td>
<td>B. D. Chattopadhyay as Co-PI</td>
<td>Development of Bioconcrete Material</td>
<td>Completed 2008-11</td>
<td>8.8 Lakhs</td>
<td>AICTE</td>
<td>Prof. S. Mandal Civil Dept JU</td>
</tr>
<tr>
<td>16</td>
<td>K. K. Chattopadhyay</td>
<td>Boron doped diamond films synthesis by DC Plasma enhanced chemical vapour deposition</td>
<td>Completed 2008-11</td>
<td>DST</td>
<td></td>
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<tr>
<td>17</td>
<td>K. K. Chattopadhyay</td>
<td>Stress relieved and SP3 rich diamond like carbon films produced by D.C. plasma Decomposition of acetylene,</td>
<td>Completed 2007-10</td>
<td>9.3 Lakhs</td>
<td>UGC</td>
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<tr>
<td>18</td>
<td>K. K. Chattopadhyay</td>
<td>Synthesis of P-type transparent conducting CuAlO2 thin films for transparent electronics</td>
<td>2010-13 Ongoing 3 years</td>
<td>45.0 Lakhs</td>
<td>DST</td>
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<tr>
<td>19</td>
<td>K. K. Chattopadhyay</td>
<td>Carbon nanotubes / nanofibers for field emission applications</td>
<td>Ongoing 2011-2014</td>
<td>11 Lakhs</td>
<td>UGC</td>
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<td>20</td>
<td>N. B. Manik</td>
<td>Investigation of the effects of trap charges on photovoltaic properties of some dye sensitized organic /polymer semiconductors in different device architectures</td>
<td>Completed 2007-2010</td>
<td>17.65 Lakhs</td>
<td>DRDO</td>
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<tr>
<td>21</td>
<td>N. B. Manik</td>
<td>Study of low temperature performance of IR emitter and photosensors applicable at space and defence research</td>
<td>Ongoing 2011-2014</td>
<td>15.65 Lakhs</td>
<td>DRDO</td>
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<td>22</td>
<td>N. B. Manik</td>
<td>Study on the effect of Different Nanoparticles on crystal violet dye based organic photovoltaic cell</td>
<td>Ongoing 2012-2015</td>
<td>12 Lakhs</td>
<td>CSIR</td>
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<td>24</td>
<td>Sukhen Das</td>
<td>A Study on Lipid Polymorphism and its Possible Role in Biomembrane Activity</td>
<td>3 years 2006-09</td>
<td>13 lakh</td>
<td>DRDO</td>
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<td>26</td>
<td>Aparajita Bhattacharya</td>
<td>Theoretical study on pentaquark Baryons</td>
<td>Completed 2007-2010</td>
<td>3.79 Lakhs</td>
<td>DST</td>
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<td>27</td>
<td>Sujata Tarafdar</td>
<td>Ion beam modification of conducting oxides - Polymers and inorganics</td>
<td>2005-08 3 Years</td>
<td>UGC-DAE CSR</td>
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<tr>
<td>28</td>
<td>Sujata Tarafdar</td>
<td>“Study of Rheology, adhesion and viscous fingering in soft matter”</td>
<td>Completed 2005-08 4 Years</td>
<td>Rs. 12 Lakh</td>
<td>SERC-DST</td>
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<td>29</td>
<td>Ajay Kr. Ghosh</td>
<td>Coherence length in Mn and Zn substituted Nd:Ba$_2$Cu$_3$O$_7$ in Cu-site,</td>
<td>3 years Ongoing</td>
<td>Rs. 10.22 Lakhs</td>
<td>UGC major project</td>
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<td>30</td>
<td>S. Kumar and R. N. Joarder</td>
<td>Molecular biological and biophysical studies on the mechanism(s) of electron transfer by a gram-positive thermophilic bacterium Thermonaerobacter indeniis BSB-33 to metal oxides and electrodes</td>
<td>Ongoing 2013-2016</td>
<td>RS. 12.58 Lakhs</td>
<td>CSIR</td>
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<td>31</td>
<td>D. Biswas (Co-Investigator)</td>
<td>High Resolution diode laser spectroscopy of atmospheric molecules</td>
<td>3 Years (2007-2010)</td>
<td>Rs. 24 Lakhs</td>
<td>DST</td>
<td></td>
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<td>33</td>
<td>Subhadipto Mukhopadhyay</td>
<td>Computation of surface structure from (LEED) low energy electron diffraction patterns</td>
<td>Ongoing 2013-2015</td>
<td>Rs. 1.75 Lakhs</td>
<td>UGC</td>
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</table>
List of papers published in peer reviewed journals (national / international):
Total Number: 600 (2008-2013)


2. Sutradhar, S., Mukhopadhyay, K., Pati, S., Das, S., Das, D., Chakrabarti, P.K., , (2013). Modulated magnetic property, enhanced microwave absorption and Mössbauer spectroscopy of Ni0.40Zn0.40Cu0.20Fe2O4 nanoparticles embedded in carbon nanotubes Journal of Alloys and Compounds 576 , pp. 126-133, Article in Press


7. Saha, S., Das, S., Ghorai, U.K.,Mazumder, N., Gupta, B.K.,Chattopadhyay, K.K., (2013). Charge compensation assisted enhanced photoluminescence derived from Li-codoped MgAl2O4:Eu3+ nanophosphors for solid state light applications, Dalton Transactions 42 (36) , 12965-12974


23. Dey, B., Saha, R., Mukherjee, P., (2013). A luminescent-water soluble inorganic co-crystal for a selective picomolar range arsenic(iii) sensor in water medium, 2013, Chemical Communications 49 (63), 7064-7066


34. Enhanced field emission from polyaniline coated amorphous carbon nanotubes


40. Mitra, M., Chatterjee, K., Kargupta, K.,Ganguly, S., Banerjee, D., (2013). Reduction of graphene oxide through a green and metal-free approach using formic acid, Diamond and Related Materials 37, 74-79


44. Saha, P., Bhowmik, M.K.,Bhattacharjee, D., De, B.K., Nasipuri, M., (2013). Gradient based fusion of infrared and visual face images using support vector machine for human face identification, Proceedings of SPIE - The International Society for Optical Engineering 8667, art. no. 86670Z


53. Roy, A., Jamadar, T.A., Ghosh, A.K., (2013). Studies on the transport properties of RuSr2RECu 2Oy, RuSr2(RE)2Cu2O y(RE = Gd, Nd) and RuSr2Gd1.4Ce 0.6Cu2O10: Possibility of variable range hopping, Physica C: Superconductivity and its Applications 488 , 9-13


63. Layek, A., Middya, S., Pratim Ray, P., (2013). Synthesis and incorporation of high quality FeS2 nanoparticles within poly(3-hexylthiophene):Phenyl-C60-butyric acid methyl ester to increase the photosensitivity of composite material, Journal of Renewable and Sustainable Energy 5 (3) , art. no. 031601


66. Saha, R., Dey, S.K., Biswas, S., Jana, A.D., Kumar, S., (2013). Transformation of a mother crystal to a daughter crystal through amorphous phase: De-assembly of coordination helices upon heating and re-assembly through aquation, Crystal Growth and Design 13 (5) , 2135-2142


80. Kalam, M., Rahaman, F., Monowar Hossein, S., Ray, S., Central density dependent anisotropic compact stars, European Physical Journal C 73 (4) ,1-6


84. Chatterjee, K., Dhara, P., Ganguly, S., Kargupta, K., Banerjee, D., (2013). Morphology dependent ammonia sensing with 5-sulfosalicylic acid doped nanostructured polyaniline synthesized by several routes, Sensors and Actuators, B: Chemical181 , 544-550

86. Dey, S., Dey, S.K., Ghosh, B., Reddy, V.R., Kumar, S., (2013). Structural, microstructural, magnetic and hyperfine characterization of nanosized Ni0.5Zn0.5Fe2O4 synthesized by high energy ball-milling method, Materials Chemistry and Physics 138 (2-3), 833-842.


Polyaniline/Vanadium oxide composites: An effective control in morphology by varying reactant concentrations, Materials Chemistry and Physics 138 (1), 319-326


109. Sutradhar, S., Das, S., Chakrabarti, P.K., (2013). Magnetic and enhanced microwave absorption properties of nanoparticles of Li0.32Zn0.26Cu0.1Fe2.32O4 encapsulated in carbon nanotubes, Materials Letters 95, 145-148


112. Dinda, J., Adhikary, S.D., Seth, S.K., Mahapatra, A., (2013). Carbazole functionalized luminescent silver(i), gold(i) and gold(iii)-N-heterocyclic carbene complexes: A new synthetic disproportionation approach towards Au(i)-NHC to provide Au(iii)-NHC, New Journal of Chemistry 37 (2), 431-438


Ag2O/TiO2 type-II (p-n) nanoheterojunctions for superior hotocatalytic activity, ACS Applied Materials and Interfaces 5 (2), 331-337


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List of scientific / technical books written by faculty members:
2) Engineering Physics by Prof D. C. Ghosh, Published by University Science Press, New Delhi
4) Physics book (1st part) by Dr. Sulava Bhattacharyya for students of XI and XII of Rabindra Mukto Vidyalaya (2005). Publisher - Rabindra Mukto Vidyalaya, Govt. of West Bengal

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List of the Students Who Qualified NET and Joined Research

M.Sc. Physics Final 2012 -13 Batch (NET: 29)

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M.Sc. Physics Final 2011 Batch (NET: 12)

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FACULTY OF ENGINEERING & TECHNOLOGY
# DEPARTMENT OF ADULT, CONTINUING EDUCATION & EXTENSION

## Course details

### GRADUATE LEVEL COURSES

<table>
<thead>
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<th>Title of the Course</th>
<th>Duration</th>
<th>Course Fee</th>
<th>Eligibility</th>
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<tbody>
<tr>
<td>B.Ed. in Special Education (Locomotor Impairment and Neuro-Muscular Disorder) (With Indian Institute of Cerebral Palsy)</td>
<td>1 Year</td>
<td>Rs.40,000/- + Rs.460/-</td>
<td>Graduate in any discipline</td>
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<tr>
<td>B.Ed. in Special Education (Mental Retardation) (With Manovikash Kendra)</td>
<td>1 Year</td>
<td>Rs.40,000/- + Rs.460/-</td>
<td>Graduate in any discipline</td>
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### POST–GRADUATE DIPLOMA LEVEL COURSE

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<tr>
<td>Post Graduate Diploma in Mass Communication</td>
<td>1 Year</td>
<td>Rs.20,000/-</td>
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### DIPLOMA LEVEL COURSES

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<tbody>
<tr>
<td>Diploma in Food Processing and Customized Management</td>
<td>1 Year</td>
<td>Rs.10,000/-</td>
<td>Madhyamik or equivalent</td>
</tr>
<tr>
<td>Diploma in Food Processing, Nutrition and Health Care</td>
<td>1 Year</td>
<td>Rs.10,000/-</td>
<td>Madhyamik or equivalent</td>
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<tr>
<td>Diploma in Electrical Technician (In collaboration with Aurobindo Engineering Institute)</td>
<td>1 Year</td>
<td>Rs.32,000/-</td>
<td>Madhyamik or equivalent</td>
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<tr>
<td>Diploma in Automobile Engineering (In collaboration with Aurobindo Engineering Institute)</td>
<td>1 Year</td>
<td>Rs.32,000/-</td>
<td>Madhyamik or equivalent</td>
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<tr>
<td>Diploma in Construction Supervisor (In collaboration with Builders' Association of India)</td>
<td>1 Year</td>
<td>Rs.10,000/-</td>
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### CERTIFICATE LEVEL COURSES

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<tbody>
<tr>
<td>Technician Training Course in Air-Conditioning and Refrigeration (In collaboration with St. Thomas Technical Training Centre)</td>
<td>1 year</td>
<td>Rs.500/- per month</td>
<td>Passed Class VIII standard</td>
</tr>
<tr>
<td>Computer Hardware (In collaboration with St. Thomas Technical Training Centre)</td>
<td>6 Months</td>
<td>Rs.4500/-</td>
<td>Class X appeared.</td>
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<tr>
<td>Basic Management of Cerebral Palsy for Medical Professionals (In collaboration with IICP)</td>
<td>4 Weeks</td>
<td>Rs. 2000/-</td>
<td>Qualified Medical Professionals (Medical practitioners, therapists and rehabilitation professionals).</td>
</tr>
<tr>
<td>Community Management (With Indian Association)</td>
<td>12 Weeks</td>
<td>Rs. 1200/-</td>
<td>Higher Secondary or equivalent</td>
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<tr>
<td>Title of the Course</td>
<td>Duration</td>
<td>Course Fee</td>
<td>Eligibility</td>
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<tr>
<td><strong>Offset Printing &amp; Binding</strong></td>
<td>20 Weeks</td>
<td>Rs.2000/-</td>
<td>Higher Secondary or equivalent</td>
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<tr>
<td><strong>Acupuncture</strong></td>
<td>16 Weeks</td>
<td>Rs.3600/-</td>
<td>Regd. Medical Practitioners (MBBS/BHMS/DMS/BAMS/BDS or equivalent)</td>
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<tr>
<td><strong>Educational Administration</strong> (In collaboration with Nopany Charitable Trust)</td>
<td>12 Weeks</td>
<td>Rs.8000/-</td>
<td>Graduate (Desirable : work experience in Educational Institution)</td>
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<tr>
<td><strong>Basic Networking</strong> (In collaboration with St. Thomas Technical Training Centre)</td>
<td>16 Weeks</td>
<td>Rs.3500/-</td>
<td>Class X appeared and knowledge of Computer Hardware</td>
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<tr>
<td><strong>Women and Legal Literacy</strong></td>
<td>2 Weeks</td>
<td>Rs.200/-</td>
<td>H.S. or equivalent engaged in administration, panchayat members and officials, school teachers, housewives, small entrepreneurs, etc.</td>
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<tr>
<td><strong>Vocational courses on ‘Industrial Practices’ (In collaboration with TMC Institute of Learning)</strong></td>
<td>6 Months</td>
<td>Rs.6000/-</td>
<td>Madhyamik or equivalent / Class VIII passed with 5 years experience in related industry.</td>
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<tr>
<td><strong>Caregivers for persons with disabilities</strong> (In collaboration with IICP)</td>
<td>8 Weeks</td>
<td>Rs.1000/-</td>
<td>Class VIII passed.</td>
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<tr>
<td><strong>Manuscriptology &amp; Paleography</strong></td>
<td>24 Weeks</td>
<td>Rs.5500/-</td>
<td>Graduate with working knowledge of Sanskrit</td>
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**COURSES FOR THE PERSONS WITH SPECIAL NEEDS**

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<th>Eligibility</th>
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<tr>
<td>Computer Operation Course for recovering mentally ill and chemical dependency patients (In collaboration with Antara Psychiatric Centre)</td>
<td>12 Weeks</td>
<td>Rs.1200/-</td>
<td>Madhyamik or equivalent</td>
</tr>
<tr>
<td>Computer Operation Course for the Deaf and Physically Challenged Persons (In collaboration with Silence Training Institute)</td>
<td>1 Year</td>
<td>Rs.576/-</td>
<td>Persons having normal functioning of brain, if of course hands and eyes are not affected, ability to read English alphabets &amp; Numericals.</td>
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<tr>
<td>Art &amp; Craft Course for the Deaf and Physically Challenged Persons (In collaboration with Silence Training Institute)</td>
<td>1 Year</td>
<td>Rs.576/-</td>
<td>Passed Class VIII standard or Passed Class VI standard with relevant experience. Persons should be adult and physically challenged and having normal functioning of brain, if of course hands and eyes are not affected.</td>
</tr>
<tr>
<td>Desk Top Publishing (In collaboration with IICP)</td>
<td>24 Weeks</td>
<td>Rs.2600/-</td>
<td>Madhyamik or equivalent. Persons with physical and multiple disabilities, hearing impairment and persons without disabilities from economically weaker sections who have working knowledge in English.</td>
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<tr>
<td>Web Designing &amp; Publishing (In collaboration with IICP)</td>
<td>24 Weeks</td>
<td>Rs.3500/-</td>
<td>Madhyamik or equivalent. Persons with physical and multiple disabilities, hearing impairment and persons without disabilities from economically weaker sections who have working knowledge in English.</td>
</tr>
<tr>
<td>Office Management (In collaboration with IICP)</td>
<td>16 Weeks</td>
<td>Rs.2100/-</td>
<td>Madhyamik or equivalent. Persons with physical and multiple disabilities, hearing impairment and persons without disabilities from economically weaker sections who have working knowledge in English.</td>
</tr>
</tbody>
</table>
Database Management
(In collaboration with IICP)
8 Weeks Rs.1200/-
Madhyamik or equivalent. Persons with physical and multiple
disabilities, hearing impairment and persons without
disabilities from economically weaker sections who have
working knowledge in English.

EXTENSION & FIELD OUTREACH PROGRAMMES

<table>
<thead>
<tr>
<th>Title of the Course</th>
<th>Duration</th>
<th>Course Fee</th>
<th>Target Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Literacy Programme (With Bhola Basu Smriti Bhavan)</td>
<td>6 Weeks</td>
<td>Nil</td>
<td>Unemployed Youth</td>
</tr>
<tr>
<td>Sewing and Tailoring (Kalikapur I No. Gram Panchayat)</td>
<td>6 Months</td>
<td>Nil</td>
<td>Rural underprivileged women</td>
</tr>
<tr>
<td>Sewing and Tailoring (Kalikapur II No. Gram Panchayat)</td>
<td>6 Months</td>
<td>Nil</td>
<td>Rural underprivileged women</td>
</tr>
<tr>
<td>Sewing and Tailoring (Pratapnagar Gram Panchayat)</td>
<td>6 Months</td>
<td>Nil</td>
<td>Rural underprivileged women</td>
</tr>
<tr>
<td>Sewing – Basic (Emmanuel Ministries)</td>
<td>6 Months</td>
<td>Nil</td>
<td>Street Children</td>
</tr>
<tr>
<td>Sewing – Advanced (Emmanuel Ministries)</td>
<td>6 Months</td>
<td>Nil</td>
<td>Street Children</td>
</tr>
<tr>
<td>Sewing (Kolkata Socio Cultural Research Institute)</td>
<td>6 Months</td>
<td>Nil</td>
<td>Urban underprivileged women (Minority)</td>
</tr>
<tr>
<td>Sewing and Tailoring (Ward No. 16, KMC) (BSPS)</td>
<td>6 Months</td>
<td>Nil</td>
<td>Urban underprivileged women</td>
</tr>
</tbody>
</table>

Publications:
15. P.S.Chakraborty, Gautam Majumder and Bijan Sarkar, 2013, "Group decision making for a manufacturing organization considering intensity of preference", *Advances in Production Engineering and Management*. (Accepted)

16. P.S.Chakraborty, Rajib Dey, 2013, "The behavioral changes of children with special need through skill development programme", (Accepted)


Seminars/Workshops/etc.


5. Organised International Workshop entitled ‘Change focus in Continuing Educatin in Canadian Universities under changing Global Scenario’ on 3.2.2009 at Jadavpur University.


7. Organised Workshops entitled (i)‘Financial Management in Educational Institutions’ and (ii) ‘Knowledge Commission on Education’ on 28.2.2009 at Jadavpur University.


10. Organised International Workshop entitled ‘Community Development through Continuing Education’ on 5.2.2008 at Jadavpur University.


Special Lectures


(b) Pallab Kumar Mukhopadhyay, lecture entitled ‘Corporate Communication’ on 22.5.2013.

(c) Bhagirath Halder delivered lecture entitled ‘Cinematography’ on 18.4.2013.

(d) Sudipta Bhattacharya delivered lecture entitled ‘Post Production on 19.4.2013.

(e) Dr. Baidyanath Bhattacharya delivered lecture entitled ‘Media Management’ on 18.5.2012.

(f) Shikha Mukherjee delivered lecture entitled ‘Editing in Print Media’ on 24.6.2011.

(g) Partha Raha delivered lecture entitled ‘Film Appreciation’ on 15.4.2010.

(h) Shantanu Sanyal delivered lecture entitled ‘Financial Jouornalism’ on 23.7.2009.

Publications

Shivashish Bose


<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name</th>
<th>Supervisor(s)</th>
<th>Title</th>
<th>Year awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Arunava Chowdhury</td>
<td>Prof. C. Bhattacharjee &amp; Dr. S. Datta</td>
<td>Application of emulsion liquid membrane for separation of heavy metals from tannery wastewater.</td>
<td>2013 (awarded)</td>
</tr>
<tr>
<td>2</td>
<td>Baisali Rajhansi</td>
<td>Dr. U. Sarkar</td>
<td>Control of Specific Odorants from Sewage Treatment Plants (STP): Development and Validation of the Control Scheme</td>
<td>2013 (awarded)</td>
</tr>
<tr>
<td>3</td>
<td>Dwaipayan Sen</td>
<td>Prof. C. Bhattacharjee</td>
<td>Treatment of industrial water using enzymatic membrane reactor and its modeling to evaluate the optimized parametric condition.</td>
<td>2012 (awarded)</td>
</tr>
<tr>
<td>4</td>
<td>Diptendu Datta</td>
<td>Prof. C. Bhattacharjee &amp; Dr. D. Sarkar (C.U.)</td>
<td>Protein separation using membrane technology.</td>
<td>2012 (awarded)</td>
</tr>
<tr>
<td>5</td>
<td>Chhaya Das</td>
<td>Prof. R. Chowdhury &amp; Dr. P. Bhattacharya</td>
<td>Studies on the Removal of Volatile Organic Compounds (VOCs) through Microbial Route using Trickle Bed Biofilter</td>
<td>2012 (awarded)</td>
</tr>
<tr>
<td>6</td>
<td>Aivi Das</td>
<td>Prof. S. Datta &amp; Prof. A. Bhowal</td>
<td>Biosorption of Cu(II) using Fish Scale in Packed Bed and Rotating</td>
<td>2012 (awarded)</td>
</tr>
<tr>
<td>7</td>
<td>Suman Datta</td>
<td>Prof. C. Bhattacharjee &amp; Dr. S. Datta</td>
<td>Development of hybrid system using membrane technology for waste water treatment.</td>
<td>2011 (awarded)</td>
</tr>
<tr>
<td>8</td>
<td>Saravanan Krishnaswami</td>
<td>Prof. C. Bhattacharjee &amp; Dr. Vijay Kale (I.I.C.T., Hyderabad)</td>
<td>Studies on esterification and transesterification reaction of non-edible oils for preparation of bio-diesel</td>
<td>2011 (awarded)</td>
</tr>
<tr>
<td>10</td>
<td>Projjwal Sarkar</td>
<td>Prof. C. Bhattacharjee &amp; Prof. S.Datta</td>
<td>Mass transfer study and parameter estimation in case of ultrafiltration of macromolecular solutes</td>
<td>2010 (awarded)</td>
</tr>
<tr>
<td>11</td>
<td>Prabhat Bag</td>
<td>Prof. R. Chowdhury &amp; Dr. P. Bhattacharya</td>
<td>Studies on the Removal of arsenic through Microbial Route</td>
<td>2010 (awarded)</td>
</tr>
<tr>
<td>12</td>
<td>Sanjoy Chakraborty</td>
<td>Dr. U. Sarkar</td>
<td>Studies on the Morphology and Elemental Analysis of Size-Fractionated Fine Particulates in and around Urban Kolkata</td>
<td>2009 (awarded)</td>
</tr>
<tr>
<td>13</td>
<td>Kakoli Dutta (Mukherjee),</td>
<td>Prof. A. Mukhopadhyay &amp; P. Sarkar (C.U.)</td>
<td>Biosensors for Environmental Monitoring</td>
<td>2008 (awarded)</td>
</tr>
<tr>
<td>14</td>
<td>Ranjan Mukherjee</td>
<td>Dr. U. Sarkar</td>
<td>Estimation of Methane Fluxes from Paddy Fields using Indirect Measurement Technique: Development of a Micrometeorological Model suitable for Spatially Inhomogeneous Surfaces</td>
<td>2008 (awarded)</td>
</tr>
<tr>
<td>15</td>
<td>Chandrima Chakraborty</td>
<td>Prof. R. Chowdhury &amp; Dr. P. Bhattacharya</td>
<td>Studies on Anaerobic Filter for the Treatment of High Fat Effluent of Food Industries</td>
<td>2013 (submitted)</td>
</tr>
<tr>
<td>16</td>
<td>Krishanu Chatterjee</td>
<td>Prof. K. Kargupta</td>
<td>Synthesis and Characterization of Nanostructured Bismuth Telluride, Polyaniline and their Composites</td>
<td>2013 (submitted)</td>
</tr>
<tr>
<td>No.</td>
<td>Name</td>
<td>Supervisor(s)</td>
<td>Title</td>
<td>Year/Status</td>
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<tr>
<td>17</td>
<td>Sanjukta Ghoshal</td>
<td>Prof. R. Chowdhury &amp; Dr. P. Bhattacharya</td>
<td>Studies on the Removal of Mercuric Ions from the Effluent Sludge of Chlor-Alkali</td>
<td>2013 (submitted)</td>
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<tr>
<td>18</td>
<td>Sourav Bhattacharya</td>
<td>Prof. C. Bhattacharjee &amp; Dr. S. Dutta</td>
<td>Production of bio-ethanol from cocktail of rice straw with different carbohydrate waste.</td>
<td>2013 (Submitted)</td>
</tr>
<tr>
<td>19</td>
<td>Ankur Sarkar</td>
<td>Prof. C. Bhattacharjee &amp; Dr. D. Sarkar (C.U.)</td>
<td>Development of novel high-shear membrane module</td>
<td>2013 (Submitted)</td>
</tr>
<tr>
<td>20</td>
<td>Sandip Sarkar</td>
<td>Prof. C. Bhattacharjee &amp; Dr. S. Dutta</td>
<td>Development of capillary membrane based on clay-alumina formulation and surface modification.</td>
<td>2013 (Submitted)</td>
</tr>
<tr>
<td>21</td>
<td>Abhijit Mondal</td>
<td>Prof. S. Datta &amp; Prof. A. Bhowal</td>
<td>Recovery of metal values using hollow fiber liquid membrane with strip dispersion</td>
<td>2013 (submitted)</td>
</tr>
<tr>
<td>22</td>
<td>Somdutta Singha</td>
<td>Dr. U. Sarkar</td>
<td>Transient Behaviour of A Composite Fixed Bed for the Removal of Cr(VI); Development and Validation of a Model</td>
<td>2013 (submitted)</td>
</tr>
<tr>
<td>23</td>
<td>Gadadhar Bhattacharyya</td>
<td>Prof. S. Datta &amp; Prof. A. Bhowal</td>
<td>Liquid-liquid Extractions in a Rotating Spray Column</td>
<td>2012 (submitted)</td>
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</tbody>
</table>

**Ph.D. (Ongoing)**

| No. | Name                     | Supervisor(s)                                          | Title                                                                                          |
|-----|--------------------------|--------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------|
| 1   | SomakJyoti Sahu          | Prof. A. Mukhopadhayay                                 | Study on Dynamic Difficulties and Automatia of Chemical Reactor                                |                    |
| 2   | Debkiron Mukherjee       | Prof. A. Mukhopadhayay                                 | Studies on the synthesis, characterization and biological activities of Indole derivatives     |                    |
| 3   | SujayaBandyopadhyay      | Prof. C. Bhattacharjee & Prof. R. Chowdhury           | Production of biosurfactant through biosulphurization of hydro-treated diesel and spent engine oil |                    |
| 4   | PramitaSen               | Prof. C. Bhattacharjee & Dr. R. Chowdhury             | Studies on enzymatic membrane reactors                                                       |                    |
| 5   | Debojyoti Chakraborty    | Prof. C. Bhattacharjee & Dr. D. Sarkar (C.U.)         | Some studies on performance characteristics of shear enhanced membrane module                 |                    |
| 6   | Trina Dutta (nee Biswas) | Prof. C. Bhattacharjee & Dr. S. Bhattacharjee (Heritage I. T.) | Studies of Arsenic removal through solid membrane and it’s dynamic simulation                  |                    |
| 7   | Santanu Sarkar           | Prof. C. Bhattacharjee                                 | Development of advance oxidation process for pharmaceutical waste water treatment              |                    |
| 8   | Bipasha Das              | Prof. C. Bhattacharjee & Dr. S. Bhattacharjee (Heritage I. T.) | Study on conversion of deproteinated whey to ethanol                                         |                    |
| 9   | Sirsha Putatunda         | Prof. C. Bhattacharjee & Dr. D. Sen, (NIT Agartala)   | Application of high-shear ultrafiltration along with other tertiary routes in industrial waste water treatment |                    |
| 10  | Arijit Nath              | Prof. R. Chowdhury & C. Bhattacharjee                 | Production, Purification and Characterization of β-galactosidase from Lactic acid bacteria    |                    |
| 11  | Barnali Mondal           | Prof. R. Chowdhury & C. Bhattacharjee                 | Studies on production and characterization of probiotic bio-preservation from food and vegetable waste |                    |
| 12  | Aparna Sarkar            | Prof. R. Chowdhury                                     | Studies on pyrolysis of Spent Engine Oil and ligno-cellulosic part of Municipal Solid waste in electric heated system |                    |

Page 213
<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Advisor/Institute</th>
<th>Project Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>Debolina Banerjee</td>
<td>Prof. R. Chowdhury &amp; C. Bhattacharyya (Heritage I.T.)</td>
<td>Studies on Effects of Prebiotics on Viability and Antimicrobial activities of Microencapsulated Probiotics</td>
</tr>
<tr>
<td>14</td>
<td>Saurav Poddar</td>
<td>Prof. R. Chowdhury &amp; S. De (M.E., JU)</td>
<td>Studies on pyro – gas and pyro – oil from lignocellulosic wastes</td>
</tr>
<tr>
<td>15</td>
<td>Sarmistha Samanta (Koruri)</td>
<td>Prof. R. Chowdhury &amp; P. Bhattacharya (Heritage I.T.)</td>
<td>Studies on Probiotics and Prebiotics derived from Natural sources</td>
</tr>
<tr>
<td>16</td>
<td>Ishita Bhattacharya</td>
<td>Prof. R. Chowdhury &amp; Dr. R. Chakraborty</td>
<td>Studies on stability characteristics of recombinant cells expressing α-amylase and the preservation of the strain by novel freeze-drying methodology</td>
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<tr>
<td>17</td>
<td>R. Sridar</td>
<td>Prof. A. Bhowal &amp; Prof. G. C. Chandrasekhar (Pondicherry Engg.)</td>
<td>Study of high pressure supercritical fluid-solid phase equilibria</td>
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<tr>
<td>18</td>
<td>Chandana Das</td>
<td>Prof. A. Bhowal &amp; Prof. S. Datta</td>
<td>Remediation of heavy metal contaminated soil using microorganisms</td>
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<tr>
<td>19</td>
<td>Ashis Kumar Mondal</td>
<td>Prof. C. Guha</td>
<td>Microwave melting of special glasses</td>
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<tr>
<td>20</td>
<td>Maitreyee Saha</td>
<td>Prof. C. Guha</td>
<td>Vapour phase doping process for fabrication of rare earth doped optical fibers</td>
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<tr>
<td>21</td>
<td>Debastree Ghosh</td>
<td>Prof. C. Guha</td>
<td>To study flow and heat transfer in melting and solidification process in different cavities</td>
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<tr>
<td>22</td>
<td>Pulak Dutta</td>
<td>Prof. C. Guha</td>
<td>Studies on carbon nanotube reinforced butyl acrylate-styrene-acrylonitrile (asa)/ ionomer blend system</td>
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<tr>
<td>23</td>
<td>Sutapa Roy</td>
<td>Prof. C. Guha</td>
<td>Supercritical Fluid Extraction of Natural Medicinal Products</td>
</tr>
<tr>
<td>24</td>
<td>Shubhanwita Saha</td>
<td>Dr. K. Kargupta</td>
<td>Performance and efficiency enhancement of integrated hydrogen energy Bismuth, Polyaniline and their Composite: performance study for Thermoelectric and Sensor application</td>
</tr>
<tr>
<td>25</td>
<td>Debreka Ghosh</td>
<td>Dr. U. Sarkar</td>
<td>Role of Unknown Precursors on the Photochemistry of Tropospheric Ozone</td>
</tr>
<tr>
<td>26</td>
<td>Debastree Banerjee</td>
<td>Dr. U. Sarkar</td>
<td>Studies on the Transient Behavior of a Composite Fixed Bed for the Muti-component Adsorption of ChlorhexidineGlucanate and Cetrimide</td>
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<tr>
<td>27</td>
<td>Ratna Datta</td>
<td>Dr. U. Sarkar &amp; Prof. A. Mukhopadhyay</td>
<td>Transient Behaviour of an Annular Packed Bed: Modelling various Mass Transfer Regimes for the Production of Sunn-Hemp Oil</td>
</tr>
<tr>
<td>28</td>
<td>Suvra Sadhukhan</td>
<td>Dr. U. Sarkar</td>
<td>Biorefining Sunn-Hemp: Prospects of utilizing Waste Glycerol for the production of Succinic Acid</td>
</tr>
<tr>
<td>29</td>
<td>Shyamal Jana</td>
<td>Dr. U. Sarkar</td>
<td>Liquid Phase Adsorption of Volatile Organ-Sulphur Compounds in presence of A Cationic Surfactant: Process Innovations towards towards De-aromatization of Sewage Waste Water</td>
</tr>
<tr>
<td>30</td>
<td>Malashri Bera</td>
<td>Dr. R. Chakraborty &amp; Dr. P. Bhattacharya (Heritage I.T.)</td>
<td>Studies on freeze-drying of foodstuffs and specialty items</td>
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<tr>
<td>31</td>
<td>Phisy Pradhan</td>
<td>Dr. R. Chakraborty</td>
<td>Studies on preparation &amp; characterization of heterogeneous catalyst for synthesis of biodiesel from bio-resources</td>
</tr>
<tr>
<td>32</td>
<td>Niladri Chakraborty</td>
<td>Dr. R. Chakraborty &amp; Prof. A.K. Saha (Haldia I.T.)</td>
<td>Studies on freeze drying of selective food items using novel freeze-drying methodology</td>
</tr>
<tr>
<td>33</td>
<td>Suromita Chaudhury</td>
<td>Dr. R. Chakraborty &amp; Dr. P. Bhattacharya (Heritage I.T.)</td>
<td>Studies on Biodegradation of Thermoplastics polymer composites</td>
</tr>
<tr>
<td>34</td>
<td>Biswajit Debnath</td>
<td>Dr. C. Mondal &amp; Dr. Goutam Mukherjee(Govt. College of Engg. &amp; Textile Tech.)</td>
<td>Studies on Development of Eco-Friendly Leather Making Process by Innovative Chemical and Mechanical Design</td>
</tr>
<tr>
<td>35</td>
<td>Swadesh Santra</td>
<td>Dr. C. Mondal</td>
<td>Identification of Important Disease Causing Microbes of Fresh and Herbal Treatment</td>
</tr>
</tbody>
</table>
36. Debojyoti Ganguly
   Dr. C. Mondal & Prof. Asim Kr. Roy Choudhury (Govt. College of Engg. & Textile Tech.)
   Optimization of Wool-Silk Blend Dyeing Process Using Acid and Reactive Dyes

37. Mamita Panda
   Prof. S. Datta & Prof. A. Bhowal
   Removal of Cr(VI) in rotating packed bed using Tamarind fruit shell

Research projects

[1] Investigators: Prof. S. Datta & Prof. A. Bhowal,
Project Title: Study on the Enrichment and Adaptability on Marine Water of Microbial Consortia used in Biodigester Technology
Funding Agency: DRL (Tezpur), Amount: Rs 8.9 Lakhs Duration: 2011-2013

[2] Investigators: Prof. S. Datta & Prof. A. Bhowal
Project Title: Heavy metal bioremediation of soil using micro-organism
Funding Agency: W.B. Pollution Control Board, Amount: Rs 13.5 Lakhs Duration: 2007-2009

[3] Investigators: Prof. Ranjana Chowdhury
Project Title: Studies on the anaerobic filter using immobilized cells for the treatment of high fat effluent of food industries.

[4] Investigators: Prof. Ranjana Chowdhury
Project Title: Biodetoxification of Mercury laden Effluent Sludge of Chloralkali Industries
Funding Agency: UGC, Amount: Rs 10.60 Lakhs Duration: 2009-2012

[5] Investigators: Prof. Chiranjib Bhattacharjee
Project Title: Milk nutraceuticals: A biotechnology opportunity for Australian and Indian Dairy Producers
Funding Agency: DBT/DEST (Indo-Australian), Amount: Rs 54.2 Lakhs Duration: 2007-2010

[6] Investigators: Prof. Chiranjib Bhattacharjee (in collaboration with Dr. D. Sarkar, Calcutta Univ.)
Project Title: Development of Novel High Shear Membrane Module
Funding Agency: DST, Amount: Rs 20.6 Lakhs (JU share = 0) Duration: 2009-2012

[7] Investigators: Prof. Chiranjib Bhattacharjee (in collaboration with TERI)
Project Title: From Grey to Green: How to Improve the Sustainability of Wastewater and Drinking Water
Funding Agency: DST (Indo-EU), Amount: Rs 15.4 Lakhs, Duration: 2012-2014

[8] Investigators: Prof. Chiranjib Bhattacharjee
Project Title: Production and Purification of β-galactosidase from Milk Whey-based Lactic Acid Bacteria using Fermentation and Membrane-based Separation Techniques
Funding Agency: UGC, Amount: Rs 9.8 Lakhs Duration: 2010-2013

[9] Investigators: Prof. Chiranjib Bhattacharjee
Project Title: Modeling studies on CO₂ capture from natural gas using gas-liquid contactor
Funding Agency: CSIR-SUPRA, Amount: Rs 3.7 Lakhs Duration: 2011-2012

[10] Investigators: Prof. Chiranjib Bhattacharjee (in collaboration with GIST, S. Korea)
Project Title: Nano-material based membrane in water purification
Funding Agency: DST (Indo-Korean), Amount: Rs 23.95 Lakhs, Duration: 2011-2014

Project Title: Conversion of de-proteinated whey to ethanol
Funding Agency: AICTE, Amount: Rs 13.67 Lakhs, Duration: 2012-2014

[12] Investigators: Prof. A. Bhowal and Prof. S. Datta
Project Title: Hollow Fiber Contained Liquid Membrane system with Strip Dispersion for Recovery of Metal values
Funding Agency: DST (Govt. of India), Amount: Rs 15.5 Lakhs, Duration: 2009-2012
Investigators: Prof. A. Bhowal and Prof. S. Datta
Project Title: High Distillation
Funding Agency: DRDO, Amount: Rs 8.9 Lakhs Duration: 2007-2009

Investigators: Prof. A. Bhowal and Prof. S. Datta
Project Title: Process Intensification in Waste Water Treatment

Investigators: Prof. Chandan Guha
Collaborating Institute: IIT, Kharagpur
Project Title: Analysis and Development of Conceptual Design Methodologies for Air Collection and Enrichment System of Air Breathing Propulsion – PHASE II
Funding Agency: ISRO, Amount: Rs 50 Lakhs(JU share = 0) Duration: 2012-14

Investigators: Prof. Kajari Kargupta, Prof. Dipali Banerjee, Dr. Saibal Ganguly
Project Title: Generation of Silent Green Energy with Performance and Efficiency Enhancement using Inorganic-Organic Hybridization and Nano-structuring in Fuel Cell System
Funding Agency: DST, Amount: Rs 38.98 Lakhs Duration: 2011-14

Investigators: Prof. Kajari Kargupta
Project Title: Development of Polybenzimidazole based Novel Composite Electrolyte Membrane for High Temperature Fuel Cell
Funding Agency: UGC, Amount: Rs 12.6 Lakhs Duration: 2012-15

Investigators: Prof. Kajari Kargupta (in collaboration with Prof Dipali Banerjee, BESU)
Project Title: Development of Phosphoric Acid Gel Electrolyte Matrix and Study of its Effect on Performance of Fuel Cell
Funding Agency: DRDO, Amount: Rs 9.0 Lakhs Duration: 2008-10

Investigators: Prof. Kajari Kargupta (in collaboration with Prof Dipali Banerjee, BESU)
Project Title: Synthesis & characterization of nano particle of bismuth telluride &its one dimensional composite with conducting polymer
Funding Agency: DST, Amount: Rs 9.25 Lakhs Duration: 2008-11

Investigators: Prof. Kajari Kargupta, Dr. Saikat Chakraborty and Dr. Saibal Ganguly
Project Title: Development of Optimally Controlled Drug Release Device using Multi-layered Electro-active Nano-Polymers
Funding Agency: DBT, Amount: Rs 23.6 Lakhs Duration: 2009-12

Investigators: Dr. Ujjaini Sarkar
Project Title: Phase I: Environmental Observatory: Photochemistry of Surface Ozone and its Precursors
Phase II: Environmental Observatory: Modelling the Photochemistry of Surface Ozone and its Unusual Precursors with a Regional Model
Funding Agency: ISRO-GBP/-ATCTM, Amount: Rs 84.45 Lakhs Duration: 2009 – 14

Investigators: Dr. Ujjaini Sarkar
Project Title: Application of Functionalised Activated Carbon for treating pharmaceutical wastewaters containing a mixture of chlorhexidinegluconate and cetrimide
Funding Agency: DST, Amount: Rs 12.0 Lakhs Duration: 2011-14

Investigators: Dr. Ujjaini Sarkar (In collaboration with University of Lulea, Sweden)
Project Title: Finite Element Modelling to Predict the Evolution of microstructure and properties of metastable stainless steel during forming and subsequent heat treatments
Funding Agency: Swedish Research Council, Amount: Rs 19.9 Lakhs Duration: 2010-13

Investigators: Dr. Rajat Chakraborty
Project Title: Process Intensification, Optimization and Techno-economical Studies on Freeze-drying
Funding Agency: UGC, Amount: Rs 9.7 Lakhs Duration: 2009-2012
Inter-institutional collaborative projects

1. Investigators: Prof. Chiranjib Bhattacharjee
Collaborating Institute: TERI
Project Title: From Grey to Green: How to Improve the Sustainability of Wastewater and Drinking Water
Funding Agency: DST (Indo-EU), Amount: Rs 15.4 Lakhs, Duration: 2012-2014

2. Investigators: Prof. Chiranjib Bhattacharjee
Collaborating Institute: IIT, Kanpur and University of Melbourne, Australia
Project Title: Milk nutraceuticals: A biotechnology opportunity for Australian and Indian Dairy Producers
Funding Agency: DBT/DEST (Indo-Australian), Amount: Rs 54.2 Lakhs Duration: 2007-2010

3. Investigators: Prof. Chiranjib Bhattacharjee (in collaboration with Dr. D. Sarkar, Calcutta Univ.)
Project Title: Development of Novel High Shear Membrane Module
Funding Agency: DST, Amount: Rs 20.6 Lakhs (JU share = 0) Duration: 2009-2012

4. Investigators: Prof. Chiranjib Bhattacharjee (in collaboration with Dr. S. Bhattacharjee, Heritage Inst. of Tech., Kolkata)
Project Title: Conversion of de-proteinated whey to ethanol
Funding Agency: AICTE, Amount: Rs 13.67 Lakhs, Duration: 2012-2014

International collaborative projects

1. Investigators: Prof. Chiranjib Bhattacharjee
Collaborating Institute: Gwangju Institute of Science and Technology
Project Title: Nano-material based membrane in water purification
Funding Agency: DST (Indo-Korean), Amount: Rs 23.95 Lakhs, Duration: 2011-2014

2. Investigators: Prof. Chiranjib Bhattacharjee
Project Title: Milk nutraceuticals: A biotechnology opportunity for Australian and Indian Dairy Producers
Funding Agency: DBT/DEST (Indo-Australian), Amount: Rs 54.2 Lakhs Duration: 2007-2010

3. Investigators: Prof. Chiranjib Bhattacharjee (in collaboration with TERI, New Delhi and ICRA, Girona, Spain)
Project Title: From Grey to Green: How to Improve the Sustainability of Wastewater and Drinking Water
Funding Agency: DST (Indo-EU), Amount: Rs 15.4 Lakhs, Duration: 2012-2014

4. Investigators: Prof. Ujjaini Sarkar (In collaboration with University of Lulea, Sweden)
Project Title: Finite Element Modelling to Predict the Evolution of microstructure and properties of metastable stainless steel during forming and subsequent heat treatments
Funding Agency: Swedish Research Council, Amount: Rs 19.9 Lakhs Duration: 2010-13
Other projects

1. Investigators: Prof. Ranjana Chowdhury
   Project Title: Enhanced Energy Efficiency in Waste Water treatment and simultaneous generation of third generation Bio-fuel: Reactor Design
   Funding Agency: UGC Sponsored UPE-II of Jadavpur University in the thematic area “Environment, Energy and Climate Change”

2. Investigators: Prof. Avijit Bhowal
   Project Title: Gas-liquid Direct contact heat exchange in centrifugal field
   Funding Agency: UGC Sponsored UPE-II of Jadavpur University in the thematic area “Environment, Energy and Climate Change”

3. Investigator: Prof. Chandan Guha
   Project Title: Theoretical and experimental studies of melting-solidification process in complex geometries applicable to metallurgical and other processes industries
   Funding Agency: TEQIP: Amount: Rs 5.0 crores

List of Publications

2013:
1. A. Kumar, B. Bhunia, D. Dasgupta, T. Mandal, A. Dey, S. Datta, P. Bhattacharya, "Optimization of culture condition for growth and phenol degradation by Alcaligenes faecalis JF339228 using Taguchi Methodology, Desalination and Water Treatment", 51(2013) 3153-3163. [citation: 0, IF: 0.614, SJR: 0.267, SNIP: 0.299].
3. A.R. Goswami, A. Aich, S. Pal, B. Chattopadhyay, S. Datta, S.K. Mukhopadhyay, "Antioxidant response to oxidative stress in zooplankton thrived in wastewater-fed ponds in East Calcutta Wetland Ecosystem, a Ramsar site", Toxicological and Environmental Chemistry, 95 (2013), pp. 627-634 [citation: 0, IF: 0.45, SJR: 0.197, SNIP: 0.245]
4. K. Sinha, S. Chowdhury, P.D. Saha, S. Datta, "Modeling of microwave-assisted extraction of natural dye from seeds of Bixa orellana (Annatto) using response surface methodology (RSM) and artificial neural network (ANN)", Industrial Crops and Products, 41 (2013), pp. 165-171 [citation: 3, IF: 2.469, SJR: 0.843, SNIP: 1.950]
7. R. De, R. Chowdhuri, "Hydrodynamics of a packed bed biofilm reactor (PBBR) for the removal of Hg^2+ ion - RTD experiments with biotic and characteristically similar abiotic films and axial dispersion model", Journal of Chemical Technology and Biotechnology (2013) Article in Press. [citation: 0, IF: 2.504, SJR: 0.861, SNIP: 0.949].
10. A. Nath, S. Chakraborty, C. Bhattacharjee, "Bioadsorption of industrial dyes from aqueous solution onto water hyacinth (Eichorniacrassipes): Equilibrium, kinetic, and sorption mechanism study", Desalination and Water Treatment Article in Press (2013). [citation: 0, IF: 0.852, SJR: 0.267, SNIP: 0.299]


31. R. Chakraborty, D. RoyChowdhury, "Freeze-Drying kinetics in synthesis of biological hydroxyapatite-supported catalyst", *Indian Journal of Science and Technology* 6 (1) (2013), 3933-3939. [citation:0, IF: u.a., SJR: u.a., SNIP: u.a.]


33. R. Chakraborty, D. RoyChowdhury, "Optimization of biological-hydroxyapatite supported iron catalyzed methyl oleate synthesis using response surface methodology", *Journal of the Taiwan Institute of Chemical Engineers* (2013). Article in press. [Citation: 0, IF: 2.084, SJR: 0.486, SNIP: 0.961]

2012:

34. M. Mukherjee, J. Basu, S. Datta, "Air quality analysis and indexing of Kolkata city with respect to vertical floor heights and seasonal variation", *Toxicological and Environmental Chemistry* 94(2012) pp. 1864- 1885 [citation:1, IF: u.a., SJR: 0.197 , SNIP: 0.245]


42. R. Chowdhuri, A. Sarkar, "Reaction kinetics and product distribution of slow pyrolysis of Indian textile wastes", International Journal of Chemical Reactor Engineering 10 (1) (2012) , art. no. A67. [Citation: 0, IF: 0.739, SJR: 0.261, SNIP: 0.373.]


51. A. Choudhury, S. Sengupta, C. Bhattacharjee, S. Datta, "Effects of co-solutes on Cr(VI) removal by micellar enhanced ultrafiltration (MEUF) process", Desalination and Water Treatment 44 (2012) pp. 67-74. [citation:0, IF: 0.852, SJR: 0.267, SNIP: 0.299]


54. S. Bhattacharyya, S. Datta, C. Bhattacharjee, "Sonication boost the total reducing sugar (TRS) extraction from sugarcane bagasse after dilute acid hydrolysis", Waste and Biomass Valorization 3(1) (2012) pp. 81-87. [citation: 2, IF: u.a., SJR: 0.433 , SNIP: 0.902]


64. S. Singha, U. Sarkar, S. Dutta, B. Bhaduri, "Batch equilibrium analysis for the removal of hexavalent chromium: Analysis of uncertainties using numerical modelling", *Desalination and Water Treatment* 48 (1-3) (2012) 70-81. [citation: 0, IF: 0.852, SJR: 0.267, SNIP: 0.299]


67. S. Saha, U. Sarkar, S. Mondal, "Modelling the transient behaviour of a fixed bed considering both intra and inter-pellet diffusion for adsorption of parachloro-meta-xyleneol (PCMX)", *Desalination and Water Treatment* 37 (1-3) (2012) 277-287. [citation: 1, IF: 0.852, SJR: 0.267, SNIP: 0.299]


76. A. Aich, B. Chattopadhyay, S. Datta, S.K. Mukhopadhyay, "Impact of composite tannery effluent on the amino-transferase activities in a fish biosystem, using Guppy fish (Poecilia reticulata) as an experimental model", Toxicological and Environmental Chemistry 93(2011) 85-91. [citation: 1, IF: 0.541, SJR: 0.197, SNIP: 0.245]

77. S. Ghoshal, P. Bhattacharya, R. Chowdhury, "De-mercurization of wastewater by Bacillus cereus (JUBT1): Growth kinetics, biofilm reactor study and field emission scanning electron microscopic analysis", Journal of Hazardous Materials 194 (2011), 355-361. [Citation: 0, IF: 3.923, SJR: 1.656, SNIP: 2.049]

78. C. Das, R. Chowdhury, P. Bhattacharya, "Experiments and three phase modelling of a biofilter for the removal of toluene and trichloroethylene", Bioresource Technology 34 (4) (2011), 447-458. [Citation: 4, IF: 1.869, SJR: 0.604, SNIP: 0.839]

79. C. Chakraborty, R. Chowdhury, P. Bhattacharya, "Experimental studies and mathematical modeling of an up-flow biofilm reactor treating mustard oil rich wastewater", Bioresource Technology 102 (10) (2011), 5596-5601. [Citation: 1, IF: 4.984, SJR: 1.979, SNIP: 2.446]

80. R. Das, C. Bhattacharjee, S. Ghosh, "Novel approach to recover natural antioxidants from oil seed meal in ultrafiltration-nanofiltration-based technique", Industrial and Engineering Chemistry Research 50 (21) (2011) 12124-12133. [Citation: 1, IF: 2.206, SJR: 0.902, SNIP: 1.194]

81. K. Anupam, S. Dutta, C. Bhattacharjee, S. Datta, "Optimisation of adsorption efficiency for reactive red 198 removal from wastewater over TiO2 using response surface methodology", Canadian Journal of Chemical Engineering 89 (5) (2011) 1274-1280. [Citation: 0, IF: 1.003, SJR: 0.375, SNIP: 0.683]


89. S. Dutta, C. Bhattacharjee, S. Datta, "Kinetic, isotherm and thermodynamic study of Cr (VI) adsorption on powder activated carbon", *Journal of the Institution of Engineers (India): Chemical Engineering Division* 91 (2011) 27-33. [citation: 0, IF: u.a., SJR: 0.102, SNIP: 0.011]

90. S. Bhattacharyya, C. Bhattacharjee, S. Datta, "Increasing the extraction of total reducing sugar (TRS) from wheat straw through sonication treatment after dilute acid hydrolysis", *Journal of the Institution of Engineers (India): Chemical Engineering Division* 91 (2011) 10-14. [citation: 1, IF: u.a., SJR: 0.102, SNIP: 0.011]

91. R. Das, D. Sen, A. Sarkar, C. Bhattacharjee, "Study on the effect of membrane speed on enzymatic synthesis of galacto-oligosaccharides using immobilized P-galactosidase in rotating disk membrane reactor (RDMR) ", *Journal of the Institution of Engineers (India): Chemical Engineering Division* 91 (2011) 53-60. [citation: 0, IF: u.a., SJR: 0.102, SNIP: 0.011]


94. C. Das, A. Bhowal, S. Datta, "Bioremediation of copper Contaminated Soil by co-application of bioaugmentation and biostimulant with organic amendment", *Bioremediation Journal* 15 (2011) 90-98. [citation: 0, IF: 0.784, SJR: 0.325, SNIP: 0.403]


97. R. Chakraborty, A. Sirkar, "Efficiency Comparison Between Circular and Semicircular Fins Circumscribing Circular Pipes", *Journal of Heat Transfer (ASME)* 133 (2011) 044501-4. [Citation: 1, IF:1.83, SJR: 1.129, SNIP: 1.027]


99. N. Sen, "Microgravity gas-liquid flow through packed beds", *Acta Astronautica* 68 (2011) 39-45. [citation = 1, IF = 0.701, SJR = 0.533, SNIP = 1.16]

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101. S. Bhattacharyya, R. Debnath, D. Roy, S. Majumdar, "An experimental study on turbulent air flow through a two dimensional rectangular diffuser", *Journal of the Institution of Engineers (India): Mechanical Engineering Division* 92 (2011) 3-7. [citation: 2, IF = u.a., SJR: 0.109, SNIP: 0.103]


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107. S. Bhattacharyya, P. Choudhuri, S. Datta, S.C. Santra, "Assessment of total mercury level in fish collected from East Calcutta Wetlands and Titagarh sewage fed aquaculture in West Bengal, India", Bulletin of Environmental Contamination and Toxicology 84 (2010) 618-622. [Citation: 7, IF: 1.105, SJR: 0.559, SNIP: 0.719]

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115. S. Dutta, R. Chowdhury, P. Bhattacharya, "Stability and response analyses of a biochemical process with reference to bioreduction of SO 2 from a simulated gas mixture in a CSTBR with cell recycle", AIP Conference Proceedings 1298 (2010), 160-165. [Citation: 0, IF: u.a., SJR: 0.142 , SNIP: 0.112]

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121. D. Sarkar, A. Bhattacharya, C. Bhattacharjee, D.C. Mukherjee, "Modeling and simulation of unstirred dead end ultrafiltration of macromolecules", Journal of the Indian Chemical Society 87 (1) (2010) 105-116. [citation: 0, IF: u.a., SJR: 0.229, SNIP: 0.466]

122. S. Mondai, S. Dasgupta, S. Sengupta, C. Bhattacharjee, "A study based on the different dosing levels of primary tannery wastewater treatment", Indian Journal of Environmental Protection 30(4)(2010) 300-306. [citation:1, IF: u.a, SJR: 0.149, SNIP: 0.173]


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127. S. Mondai, S. Dasgupta, S. Sengupta, C. Bhattacharjee, "A study based on the different dosing levels of primary tannery wastewater treatment", Indian Journal of Environmental Protection 30(4)(2010) 300-306. [citation:1, IF: u.a, SJR: 0.149, SNIP: 0.173]


133. S. Majumdar, D. Roy, P. Das, "Experimental determination of the size of the recirculation bubble generated by the flow behind baffles", *Journal of the Institution of Engineers (India): Mechanical Engineering Division* 90 (2010) 19-22. [citation: 0, IF = 1.147, SJR: 0.109, SNIP: 0.103]


137. R. Chakraborty, A. Banerjee, "Prediction of Fuel Properties of Biodiesel Produced by Sequential Esterification and Transesterification of Used Frying Soybean Oil Using Statistical Analysis", *Waste and Biomass Valorization* 8 (2010) [Citation: 2, IF: 0, SJR: 0.433, SNIP: 0.902]

138. R. Chakraborty, S. Bepari, A. Banerjee, "Transesterification of soybean oil catalyzed by fly ash and egg shell derived solid catalysts", *Chemical Engineering Journal* 165 (2010) 798–805. [Citation: 1, IF: 3.473, SJR: 1.201, SNIP: 1.727]


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141. P. Saha, S. Datta, "Assessment on thermodynamics and kinetics parameters on reduction of methylene blue dye using flyash", *Desalination and Water Treatment* 12 (2009) 219-228. [citation:16, IF: 0.614, SJR: 0.267, SNIP: 0.299]


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158. S. Bhattacharjee, C. Bhattacharjee, S. Dutta, "Recovery of lignosulphonates and medium quality water from pulp and paper mill effluent using membrane technology", *Indian Journal of Environmental Protection* 29 (3) (2009) 214-223. [citation: 0, IF = n.a., SJR: 0.149, SNIP: 0.173]

159. C. Bhattacharjee, D. Sen, P. Sarkar, S. Datta, P.K. Bhattacharya, "Studies on the application of different ANNs to predict permeate flux in rotating disk membrane modules: A case study with MATLAB", *Desalination and Water Treatment* 2 (2009) 170-184. [citation: 7, IF: 0.852, SJR: 0.267, SNIP: 0.299]


165. A. Suresh, M.S. Suresh Kumar, K. Kargupta, S. Ganguly, K. Naskar, G.B. Nando, "Predicting physico-mechanical properties of LLDPE and PDMS rubber blends using ANFIS-based model", Plastics, Rubber and Composite 38 (2009) 173-182. [citation: 1, IF: 0.631, SJR: 0.252, SNIP: 0.678]

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168. B. Rajbansi, U. Sarkar, "Evaluation of odour intensity from activated sludge based sewage treatment works", Desalination and Water Treatment 12 (1-3)(2009) 360-368, 360-368. [citation: 0, IF: 0.852, SJR: 0.267, SNIP: 0.299]


2008:


179. K. Samanta, R. Chowdhury, P. Bhattacharya, "Effect of substrate concentration on the transient dynamics of specific cell growth during bioconversion of Cr+6 to Cr+3 using polyculture consortia", Indian Journal of Chemical Technology 15 (2008), 209-215. [citation: 1, IF: 0.628, SJR: 0.233, SNIP: 0.548]

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Details of Chapter in Books


Details of Edited Books


Patents filed

[1] Filed by: Dwapiyan Sen, Chiranjib Bhattacharjee
Title: A Bio-Reactor suitable for Enzymatic Reaction and method of carrying out Enzymatic Bio-Reaction
International Classification Number: C02F11/00, A61K9/00

[2] Filed by: Arijit Nath, Ranjana Chowdhury, Chiranjib Bhattacharjee
Title: Chiranjib Bhattacharjee: Consortium of bacterium B. Safensis (JUCHE1) isolated from casein whey, its process of isolation and its industrial applications thereof
Application No.: 755/KOL/2011, dated 06.06.2011.

Title: A shear enhanced membrane module with inbuilt self cleaning mechanism
Application No.: 845/KOL/2012 dated 27-07-2012.

[4] Filed by: Dr. R. Chakraborty
Title: A heterogeneous base catalyst and a process for the synthesis of fuel grade biodiesel involving the same
Application No.: 1544/KOL/2011

[5] Filed by: Dr. R. Chakraborty
Title: Biological hydroxyapatite supported solid catalyst(s), reactor configurations and methods of hydrolysis, transesterification/ esterification
Application no. 642/KOL/2012
Consultancy

[1] Name of Faculty: Prof. Alakananda Mukherjee & Prof. Avijit Bhowal
Title of Consultancy Work: Design of EMS for High Energy Density Al-AgO Sea Water activated battery
Company: DRDO
Income generated: Rs 9.0 Lakhs: Duration:

[2] Name of Faculty: Prof. Chiranjib Bhattacharjee
Title of Consultancy Work: Utilization of Kraft Black liquor from Pulp & Paper mill: Implementation of zero liquid discharge concept
Company: Godavari Bio-refineries
Limited Income generated: Rs 4.5 Lakhs

[3] Name of Faculty: Prof. Chandan Guha
Title of Consultancy Work: CFD Analysis of hot dip tube galvanizing
Company: Tata Steel
Income Generated: Rs 6.1 Lakhs

Seminars organized


List of Doctoral, Post-Doctoral Students and Research Associates

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<tr>
<th>Sl. No.</th>
<th>Name of Student</th>
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<td>Ashis Kumar Mondal</td>
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<td>Maitreyee Saha</td>
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<td>Debasree Ghosh</td>
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<td>Mamita Panda</td>
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<td>42</td>
<td>Pulak Dutta</td>
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</table>

**Post Graduate Students Getting Financial Assistance from the University**

**M.E. (Chemical Engg.) 2012-2014**

1. Lopamudra Pradhan
2. Rima Biswas
3. Vivekananda Sinha
4. Victor Abhisek Chatterjee
5. Aditi Mullik
6. Avik Haldar
7. Arnab Mondal
8. Sanyan Kumar Bhattacharjee
9. Pabitra Kumar Baidya

**Student enrichment programme**

2013:

[1] Symposium on “Petroleum and Allied Industries”

[2] Symposium on “Chemical Engineering Education and Research”

2012:

[1] Workshop on “Adoption of Green technologies in Oil, Natural gas and Allied Industries”


2011:

[1] National Symposium on “Oil and Natural Gas”

Page 233
2010:

[1] Lecture on “Indoor Air Quality: Concepts, Measurements and Effects on occupants productivity in commercial buildings”


[4] Lecture on “Status of Indian Chemical Industries”


2009:

[1] Workshop on ‘Quality curriculum design for Indian Chemical Engineers in view of Global Competitiveness’.

2008:

[1] Workshop on “Quality of technical Education in India with Special Emphasis On Chemical Engineering’.

[2] Workshop on ‘Prospects of Chemical Hub in India’
DEPARTMENT OF CIVIL ENGINEERING

Publications

International Journal Publications

Somnath Ghosh

22. ‘Some studies on durability of recycled aggregate concrete’- The Indian concrete journal, Vol-76, June-2002, No.6, pp- 385-388
27. “Effect of Alkali Content on Direct Compressive Strength of Fly ash Based Geopolymer Composites”, International Journal of Civil Engineering (IJCE)

<table>
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<tr>
<th>Title</th>
<th>Where Published</th>
<th>Authors</th>
<th>Year, Volume (No.), Pages</th>
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<tr>
<td>Free vibration characteristics of point supported hypar shells- a finite element approach</td>
<td>Advances in Vibration Engineering - An International Journal</td>
<td>S. Sahoo, D. Chakravorty</td>
<td>2008,7(2), 197-205</td>
</tr>
<tr>
<td>Free vibration of stiffened conoidal shell roofs with cutouts</td>
<td>Journal of Vibration and Control</td>
<td>S. S. Hota, D. Chakravorty</td>
<td>2007,13(3),221-240</td>
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<td>Free vibration of stiffened composite conoidal shell roofs with complicated boundary conditions - a finite element study</td>
<td>International Journal of Mechanical Engineering and Materials Science</td>
<td>H. S. Das, D. Chakravorty</td>
<td>2008,1(2), 143-150</td>
</tr>
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<td>Finite element application in analysis and design of point supported</td>
<td>The Journal of Strain Analysis for Design.</td>
<td>H. S. Das, D. Chakravorty</td>
<td>2010,45(3), 165-177</td>
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<td>Topic</td>
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<td>Composite conoidal shell roofs suggesting selection guidelines</td>
<td></td>
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<td>2011,45(5)</td>
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<tr>
<td>Bending analysis of stiffened composite conoidal shell roofs through finite element application</td>
<td>Journal of Composite Materials</td>
<td>H. S. Das, D. Chakravorty</td>
<td>2011</td>
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<tr>
<td>Finite element bending behaviour of delaminated composite conoidal shell roofs under concentrated load</td>
<td>Special issue on Computational Mechanics of International Journal of Engineering , Science and Technology</td>
<td>S. Kumari, D. Chakravorty</td>
<td>Accepted in press</td>
</tr>
<tr>
<td>Study of static characteristics of delaminated composite conoidal shell subjected to point load</td>
<td>Advanced Materials Research</td>
<td>S. Kumari, D. Chakravorty</td>
<td>2010,123-125</td>
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<td>Finite element analysis of corner supported composite skewed hypar shell roof impacted by a solid striker</td>
<td>International Journal of Engineering Research and Technology</td>
<td>Sanjoy Das, Neogi D., Chakravorty A. Karmakar</td>
<td>2012 November, 1(9)</td>
</tr>
<tr>
<td>Delamination and first ply failure study of composite conoidal shells</td>
<td>Bonfring International Journal of Industrial Engineering and Management Science</td>
<td>K. Bakshi, D. Chakravorty</td>
<td>2012 December, 4 (21-26)</td>
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<tr>
<td>Behaviour of multilayered simply supported composite hypar shell roof impacted by a solid striker - A finite element approach</td>
<td>Journal of Structural Engineering</td>
<td>Sanjoy Das, Neogi D., Chakravorty A. Karmakar</td>
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<td>Study of dynamic behaviour of multilayered clamped composite skewed hypar shell roofs under impact load</td>
<td>Journal of Engineering</td>
<td>Sanjoy Das, Neogi D., Chakravorty A. Karmakar</td>
<td>In press</td>
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<tr>
<td>Failure of laminated composite plates and shells - a review</td>
<td>International Journal of Advance in Civil Engineering</td>
<td>Arghya Ghosh, K. Bakshi, D. Chakravorty</td>
<td>2013,3(1)</td>
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<td>First ply failure study of composite conoidal shells used as roofing units in civil engineering</td>
<td>Journal of Failure Analysis and Prevention</td>
<td>K. Bakshi, D. Chakravorty</td>
<td>In press</td>
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<tr>
<td>Relative static and dynamic performances of composite conoidal shell roofs</td>
<td>Steel and Composite Structures, An International Journal</td>
<td>K. Bakshi, D. Chakravorty</td>
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<td>Active Control of Radiated Sound from Stiffened Plates using IDE-PFC Actuators</td>
<td>LAP Lambert Academic Publishing AG &amp; Co. KG, ISBN No. 978-3-8383-0694-0</td>
<td>S. Goswami and P. Bhattacharya</td>
<td>Accepted (In press)</td>
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<td>Active Control of Radiated Sound from Stiffened Plates using IDE-PFC Actuators</td>
<td>International Journal of Acoustics and Vibration</td>
<td>R. Chatterjee and P. Bhattacharya</td>
<td>Vol. 11, No. 4, 2012</td>
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<td>Analysis of the energy variation of a struck string</td>
<td>International Journal of Computational Intelligence and Applications</td>
<td>S. Goswami and P. Bhattacharya</td>
<td>2009</td>
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<td>List of papers of S. Mandal et al</td>
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**National Journals**


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<tr>
<td>Study of River Morpho-Dynamics through Physical Model</td>
<td>Published in the Hydrology Journal, by Indian Association of Hydrologists (IAH), Dehradun</td>
<td>Barman, B.C., Bhandari, G., and Sahu, R.B.,</td>
<td>2009, Vol. 32, No. 3-4, pp 188-207 (Print ISSN: 0971-569X, Online ISSN: 0975-6914)</td>
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2009, 2009 (1), 17-28

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<td></td>
<td>and Shibapriya Mukherjee</td>
<td>Bentonite as reference adsorbent-a low cost approach to treatment of</td>
<td>Envn. Modeling, USA, Vol 1, No 1, pp. 17-17</td>
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<td>2009</td>
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<td>B. Bhattacharjee, G. Banerjee,</td>
<td>Use of WTP Sludge Blended with Brick Dust for Defluoridation</td>
<td>Reuse of Sludge</td>
<td>3-7</td>
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<td></td>
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<td>2009</td>
<td>B. Bhattacharjee, G. Banerjee,</td>
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<td>Prof. Shibapriya Mukherjee et al.</td>
<td>Behaviour of different types of sand randomly mixing with various</td>
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International Seminar/Conference Publications


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<tr>
<td>Bending characteristics of damaged composite conoidal shells under uniform loading</td>
<td>3rd International Congress on Computational Mechanics and Simulation</td>
<td>S.Kumari D.Chakravorty</td>
<td>IIT, Mumbai 2009, December</td>
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<td>Static analysis of delaminated</td>
<td>54th Congress of Indian Society of Technology, New</td>
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Page 242
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<tr>
<td>Finite element bending characteristics of composite conoidal shells with damage</td>
<td>International Conference on Materials, Mechanics &amp; Management</td>
<td>S.Kumari, D.Chakravorty</td>
<td>College of Engineering Trivandrum, Kerala, India Jan 14-16, 2010</td>
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<tr>
<td>Study of static characteristics of delaminated composite conoidal shell subjected to point load</td>
<td>Third International Conference on Multifunctional Materials and Structure</td>
<td>S.Kumari, D.Chakravorty</td>
<td>Jeonju Korea Sept 14-18, 2010</td>
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<td>Finite element bending behaviour of delaminated composite simply supported conoidal shells</td>
<td>International Conference on Vibration Engineering and Technology of Machinery VETOMAC-2010</td>
<td>S.Kumari, D.Chakravorty</td>
<td>IIT Delhi, 13-15 December 2010</td>
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<td>Dynamic behaviour of delaminated composite clamped conoids</td>
<td>The Fifth International Conference on Management Science and Engineering Management</td>
<td>S.Kumari, D.Chakravorty</td>
<td>City University of Macau, China, 7-9 November 2011</td>
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<td>Study of dynamic behaviour of multilayer composite skewed hypar shell roofs under impact roof</td>
<td>56th Congress of ISTAM</td>
<td>S. Das Noegji, D.Chakravorty, A.Karmakar</td>
<td>SVNIT, Surat</td>
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<td>Behavioral study of multilayered clamped composite hypar shell roof impacted by solid striker</td>
<td>19th International Congress on Sound and Vibration (ICSV19)</td>
<td>S. Das Noegji, D.Chakravorty, A.Karmakar</td>
<td>Vilnius, Lithuania between 8-12 July, 2012</td>
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<td>First ply failure</td>
<td>2nd International</td>
<td>K.Bakshi, P.Saha</td>
<td>Wrexham, North Wales UK, 11-</td>
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<td>analysis of laminated composite cylindrical shells</td>
<td>Conference on Advanced Composite Materials and Technologies for Aerospace Applications</td>
<td>D.Chakravorty</td>
<td>13 June , 2012</td>
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<td>Delamination and first ply failure study of composite conoidal shells using the finite element method</td>
<td>International Conference on Advances in Architecture and Civil Engineering</td>
<td>K.Bakshi, D.Chakravorty</td>
<td>M.S.Ramaiah Institute of Technology, Bangalore ,21-23 June , 2012</td>
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<td>Finite element first ply failure analysis of laminated composite cylindrical shells under uniformly distributed load</td>
<td>Third Asian Conference on Mechanics of Functional Materials and Structures</td>
<td>S.Roy Chowdhury, D.Chakravorty</td>
<td>IIT Delhi , 5-8 December 2012</td>
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<td>First ply failure study of laminated conoidal shells</td>
<td>Fourth International Congress on Computational Mechanics and Simulation</td>
<td>K.Bakshi, D.Chakravorty</td>
<td>IIT Hyderabad , 9-12 December 2012</td>
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<td>Behaviour of multilayered simply supported composite hypar shell roof impacted by a solid striker - A finite element approach</td>
<td>Fourth International Congress on Computational Mechanics and Simulation</td>
<td>S. Das Noegi, D.Chakravorty, A.Karmakar</td>
<td>IIT Hyderabad , 9-12 December 2012</td>
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<td>First ply failure study of point supported cross ply laminated composite conoidal shells</td>
<td>2012 International Conference on Manufacturing Engineering and Technology for Manufacturing Growth</td>
<td>K.Bakshi, D.Chakravorty</td>
<td>San Diego , USA November 1-2 ,2012</td>
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<td>Vibration characteristics of point supported composite skewed hypar shell roofs</td>
<td>20th International Congress on Sound and Vibration (ICSV20)</td>
<td>S. Das Noegi, D.Chakravorty, A.Karmakar</td>
<td>Bangkok, Thailand 7-11 July ,2013</td>
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<td>First ply failure study of laminated composite conoidal shell roofs</td>
<td>17th International Conference on Composite Structures (ICCS17)</td>
<td>K. Bakshi, D. Chakravorty</td>
<td>FEUP, Porto, Portugal June 17-21, 2013</td>
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<td>considering geometric nonlinearity</td>
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<td>Dynamic analysis of simply supported laminated composite hyper shell roof</td>
<td>17th International Conference on Composite Structures (ICCS17)</td>
<td>S. Das Noegi, D. Chakravorty, A. Karmakar</td>
<td>FEUP, Porto, Portugal June 17-21, 2013</td>
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<td>Dynamic behaviour of point supported composite skewed hyper shell roof</td>
<td>9th International Conference on Fracture and Strength of Solids (FEOFS 2013)</td>
<td>S. Das Noegi, D. Chakravorty, A. Karmakar</td>
<td>Jeju, South Korea June 9-13, 2013</td>
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<td>Active Structural Acoustic Control Of Laminated Plates Using RME Technique</td>
<td>9th International Conference on Vibrations Problems</td>
<td>Partha Bhattacharya, Michael Rose and Olaf Heintze</td>
<td>IIT Kharagpur, India, 19 - 22 January 2009</td>
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<td>Using Piezo Fiber Composites</td>
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**Page 245**
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<th>Title</th>
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<tr>
<td>Noise Transmission Analysis through a Mechanically Coupled Finite Double Wall Panel</td>
<td>ACOUSTICS 2013</td>
<td>Partha Bhattacharya, Oliver Unruh, Michael Rose</td>
<td>NPL, New Delhi, Nov. 10 – 15, 2013</td>
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<td>Trend Analysis of River Course Changes Using Historical and Recent Data</td>
<td>XXX INCA International Congress</td>
<td>Sen Majumder, S., and Bhandari, G.,</td>
<td>Held at Dehradun, November 10-12, 2010</td>
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<td>Effect of random mixing of geonaturals in elevating compaction characteristics of sand</td>
<td>Proc.International Conference, Developments in Road Transportation, Rourkela, Oct. 8-10, pp 589-600</td>
<td>Prediction of Liquefaction Potential for Kolkata Region by Semi-empirical Method</td>
<td>Proceedings of International Conference on recent advances in Geotechnical Earthquake Engineering and Soil Dynamics held in May 2010 at San Diego, California</td>
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<td>Application of Geo naturals in Highway construction for mitigation of carbon footprint</td>
<td>Application of fibers from sabai grass in construction of subbase of roads in conjunction with sands</td>
<td>Proc. of GEOSYNTHETICS ASIA 2012, 5th Asian Regional Conference on Geosynthetics, held on 13th to 16th December 2012, Bangkok, Thailand, pp- 427-435</td>
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National Seminar/Conference Publications

1. Acid Rain - a Step Forward to Nature General Awareness

Nilotpal Ray
S.Chakraborty
Seventh All India People's Technology Congress, Organized by FOSET, 2009

2. Energy Consumption in Building and Construction Sector – the Present Scenario

Anirban Sarkar, Nababithi Goswami, Biswajit Thakur
S.Chakraborty
Seventh All India People's Technology Congress, Organized by FOSET, 2009

3. Operational Energy Consumption and Associated CO₂ Emission of a Typical Institutional Building in Kolkata – A Case Study

Biswaajit Thakur, Akas lal Chatteree, Ritinkar Dutta Majumdar
S.Chakraborty
Seventh All India People's Technology Congress, Organized by FOSET, 2009

4. Energy Efficient Building- A Step Towards Sustainable Development

Abhishek Chakrabarty
S.Chakraborty
National conference on Advances in Environmental in Environmental Engineering (AEE-09), November 14-15, 2009


Arpan Ganguly, Abhishek Chakrabarty S.Chakraborty
International Conference on Environmental Sustainability With Green Building Technology,2010 (ICESGBT10)

6. Application of Linear programming Model for Solid Waste Management: New Delhi, India as a Case Study

All India Seminar on Rational Solid and Hazardous Waste Management Organised by Society of Civil Engineers
T. Hazra, S. Goel

<table>
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<tr>
<td>Mahalanobis Distance Method to Detect Damages in Plates</td>
<td>Proceedings of National Conference on Recent Advances in Fluid &amp; Solid Mechanics (RAF&amp;SM-10)</td>
<td>Goswami, S., Goswami, T. and Bhattacharya, P.</td>
<td>NIT Rourkela, February 27-28</td>
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<tr>
<td>Landuse Dynamics Due to Lateral Movement of Ganga Since 1973 in Affected Blocks of Maldah District, West Bengal through Change Detection Analysis</td>
<td>ISRS Symposium 2010</td>
<td>Sen Majumder, S., and Bhandari, G.</td>
<td>held at Pune, during December 01-03, 2010</td>
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<tr>
<td>Clustering of Clouds using k-means Clustering with Mahalanobis Distance for Flood Prediction</td>
<td>ISRS Symposium 2010</td>
<td>Goswami, B., and Bhandari, G.</td>
<td>held at Pune, during December 01-03, 2010</td>
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<tr>
<td>Cloud Motion Prediction using Mean Path Adjustment Method from Satellite Infrared Images</td>
<td>CALCON 2011, organised by IEEE Kolkata Section</td>
<td>Goswami, B., and Bhandari, G.</td>
<td>held at JU, Kolkata, during November 04-05, 2011</td>
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<tr>
<td>Temperature Induced Mean Based Cloud Motion Prediction Model from Satellite Infrared Images</td>
<td>INDICON 2012, organised by IEEE, India</td>
<td>Goswami, B., and Bhandari, G.</td>
<td>held at Kochi, Kerala, during December 07-09, 2012</td>
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<td>Post Cyclic Behaviour of a Cohesive Soil</td>
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<td>Effect of random mixing of geonaturals in elevating compaction characteristics of sand</td>
<td>Proc.International Conference, Developments in Road Transportation, Rourkela, Oct. 8-10, pp 589-600</td>
<td>Prediction of Liquefaction Potential for Kolkata Region by Semi-empirical Method</td>
<td>Proceedings of International Conference on recent advances in Geotechnical Earthquake Engineering and Soil Dynamics held in May 2010 at San Diego, California</td>
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Page 251
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<tr>
<td>Application of fibers from sabai grass in construction of subbase of</td>
<td>Proc. of GEOSYNTHETICS ASIA 2012, 5th Asian Regional Conference on Geosynthetics, held</td>
<td>B.Bhattacharjee, G.Banerjee and Shibapriya Mukherjee</td>
<td>2010, 589-600</td>
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<td>roads in conjunction with sands</td>
<td>on 13th to 16th December 2012, Bangkok, Thailand, pp- 427-435</td>
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<td>Visco-elasto-plastic analysis of layered plate: a unified overlay</td>
<td>Recent Advances in Civil Engineering (RACE-2011)</td>
<td>P. Srimani</td>
<td>Institute of Technology,</td>
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<td>approach</td>
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<td>S. Roy Chowdhury</td>
<td>B.H.U., Varanasi, October</td>
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<td>K. K. Ghosh</td>
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<td>Engineering (23-27 May, 2011) Hong Kong, China</td>
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<td>B.Bhattacharjee, G.Banerjee and Shibapriya Mukherjee</td>
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<td>J.Maity, B.C. Chattopadhyay, and S.P.Mukherjee</td>
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<td>Prof. Shibapriya Mukherjee et al.</td>
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<td>Nonlinear finite element analysis of R.C. slab under thermo-mechanical</td>
<td>Recent Advances in Fluid &amp; Solid Mechanics (RAF &amp; SM-2010)</td>
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<td>Application of MCPT with secant approach in nonlinear F.E. analysis</td>
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<td>Correction Factors of CALINE-4: A Study of Automobile Pollution in</td>
<td>Indian Journal of Air Pollution Control, Vol. 8, No. 1, 2008</td>
<td>Baijayanta Kumar Majumdar, Amit Dutta, Subhabrata Roy, Prof. S.N.</td>
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<td>Kolkata</td>
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<td>Horizontal Profile of PM$_{10}$ along a Busy Roadside in Kolkata.</td>
<td>Journal of the Institution of Public Health Engineer, India, Vol. 2008-09, No. 4</td>
<td>Prasanta Biswas, Biswajit Thakur, Prof. S.N. Chakraborty</td>
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<tr>
<td>Assessment of vehicular pollution in Kolkata, India, using CALINE 4</td>
<td>Journal of Environmental Monitoring and Assessment (Springer, Netherlands) Volume 170,</td>
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<td>model</td>
<td>Issue 1 (2010), Page 33.</td>
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<td>Air Pollution from Fireworks during Festival of Lights (Deepawali) in Howrah, India - A Case Study</td>
<td>B. Thakur, S. Chakraborty, A. Debsarkar, and R. C. Srivastava Prof.S.N.Chakraborty</td>
<td>Atmosfera, Vol. 23, No. 4</td>
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<td>12.</td>
<td>A study on Co-exposure to Traffic Related Air Pollution and Noise for an Important Urban Road of Kolkata City, India</td>
<td>Anirban Kundu Choudhury, Anupam Debsarkar Prof.S.N.Chakraborty</td>
<td>Indian Journal of Air Pollution Control, Vol. XI, No. 2 September 2011</td>
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<td>13.</td>
<td>Air Pollution and Health Impacts for Fireworks during Deepawali in India</td>
<td>Biswajit Thakur, Soumitra Chakraborty, Anupam Debsarker Prof.S.N.Chakraborty</td>
<td>Indian Journal of Air Pollution Control, Vol. XI, No. 2 September 2011</td>
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Joint Journal papers by Sreyashi Das (Pal) and Arup Guha Niyogi

Joint Conference papers by Prof Sreyashi Das (Pal) and Prof. Arup Guha Niyogi

- Mandal S Earthquake resistant design and Detailing, National seminar on high rise building in Army, held at MES, Kolkata on 5th Feb 2011.
- Mandal S Microwave Thermal Activation Effect On Fly Ash Based Geopolymer Concrete, International conference on Recent Advances on Concrete Technology and Sustainability Issues to be held at Prag , Czech Republic on 30 October - 2 November 2012.
Books written by Somnath Ghosh

- High Temperature Resistant Fly ash Based Geopolymer Composites: Physical and Mechanical behavior (Germany: Lap Lumbert Publishing House)
- Steel Fibre Reinforced Concrete Under Elevated Temperature: Strength and ductility assessment (Germany: Lap Lumbert Publishing House)
- Fly ash Based Geopolymer Composites: Manufacturing and Engineering Properties (Germany: Lap Lumbert Publishing House)
- Strength and Durability of Fly Ash Geopolymers: Resistance to acids (Germany: Lap Publishing House)

Details of patents and income generated

2. MATERIALS AND METHODS FOR THE PRODUCTION OF GREEN CONCRETE - Under process for US and Indian Patent 2010
4. HOT SPRING BACTERIAL STRAIN "BKH1" AND PROTEIN ISOLATION THERE FROM, CONCRETE COMPOSITION AND USES THERE OF applied for indian patent. 2009
<table>
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<th>Name of the Teacher as Coordinator/Principal Investigator</th>
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<td>Gas Turbine Research Establishment, Bangalore</td>
<td>2006</td>
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<td>Particle filter Application in Target Tracking and Navigation</td>
<td>T.K. Ghoshal as Principal Investigator</td>
<td>Smita Sadhu as Co-principal Investigator</td>
<td>Aeronautics Research &amp; Development Board, New Delhi</td>
<td>2003</td>
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<tr>
<td>Re-design of lighting system for improvement of Illumination of Selective interiors of VMH Building including i) Calcutta Gallery ii) Central Hall</td>
<td>Prof. Saswati Mazumdar as Principal Investigator</td>
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<td>Victoria Memorial Hall Kolkata</td>
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<td>Studies and Formulating Standards of Lux Level as per Road Parameter in All Roads under KMC jurisdiction</td>
<td>Prof. Saswati Mazumdar as Principal Investigator</td>
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<td>Kolkata Municipal Corporation Limited</td>
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RESEARCH PUBLICATIONS IN INTERNATIONAL JOURNALS


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| Prof. Saswati Mazumdar as Principal Investigator | Distribution of Solar Powered Retrofit CFL System to Non-electrified Areas | UGC XI th Plan Outreach Research Work | Rs. 1,00,000/-
| Prof. Saswati Mazumdar as Principal Investigator | Deployment of Lighting System in Sundarban Area | TEQIP, Jadavpur University jointly with NGO JGVK | Rs. 3,80,000/- and Rs. 1,20,000/-
| Suddhasatwa Chakraborty as Principal Investigator | New Road Lighting Design Approach for Developing Countries | Indian Society of Lighting Engineers (ISLE) | Rs 76,146/-
| Suddhasatwa Chakraborty as Principal Investigator | Development of an Experimental Model of a Smart Grid System | DST PURSE | Rs 52,50,000/-

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157. B.Chatterjee, D.Dey, S.Chakravorti, “A new instrument for the measurement of peak value of non-sinusoidal asymmetric voltage over wide range of frequency measurement”, Measurement (Elsevier), Accepted for publication, Paper No. MEAS-D-07-00153.


DEPARTMENT OF CONSTRUCTION ENGINEERING

PUBLICATIONS

1. Journal

- Chandrima Goswami, Arunabha Majumder, Amal K Misra, K Bandyopadhyay “Efficiency of Spirodea polyrhiza for the removal of Nickel and Chromium from Wastewater”, Accepted for publication in the Proceedings of Vth World Aqua Congress-2011, New Delhi.
- Kaushik Bandyopadhyay, Sunanda Bhattacharjee “Comparative Study Between Laboratory CBR and DCP Tests”, Proceedings of the 14th Asian Regional Conference on Soil Mechanics and Geotechnical Engineering Hong Kong China, held at Hong Kong, 23-27 May 2011.
b) International Conference (since 2008): 9 (Nine)
- Debasish Bandyopadhyay & S. K. Bhattacharaya : “Structural Vulnerability Assessment of Old Metropolitan Cities in Earthquake Disaster Mitigation”, 14th World Congress of Earthquake Engineering, at Beijing, China.
- Debasish Bandyopadhyay and Sriman Kumar Bhattacharyya : “An Inverse Dynamic Approach of Statistical Health Monitoring of Structure from Limited Noisy Data”, XXII International Congress of Theoretical and Applied Mechanics at the University of Adelaide, Australia.

c) List of Publications in Conference Proceedings during last five years: 14 (Fourteen)
- Arunava Majumder, Devalenea Chaudhuri, Chandrima Goswami, Sumon Chatterjee, Kaushik Bandyopadhyay, ‘Heavy Metals Removal from Industrial wastewater by Phytoremediation’ Proceedings of the National Seminar on Sustainable Environmental Management, Indian Public Health Engineers and Indian Water Works Association, 26 Feb., 2011.
- M.K.Sahas and G.Bhattacharya.” Reliability analysis of Rainfall Induced slope instability” Published in proceedings’ of IGS conference, Kolkata, 2011, PP-44-47
- M.K.Sahas and G.Bhattacharya.” Stability analysis of unsaturated soil slope After Rainfall Infiltration” Accepted for Publication in proceedings’ of IGC conference, Kochi, 2011
to be held on March 11-13, 2011 at the Sikkim Manipal Institute of Technology (SMIT) Majitar-737132, Rangpo, Sikkim.

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<td>Particle filter Application in Target Tracking and Navigation</td>
<td>T.K. Ghoshal as Principal Investigator, Smita Sadhu as Co-principal Investigator</td>
<td>2003 - 2010</td>
<td>Aeronautics Research &amp; Development Board, New Delhi</td>
<td>Rs. 8.52 Lakhs</td>
</tr>
<tr>
<td>Re-design of lighting system for improvement of illumination of Selective interiors of VMH Building including iii) Calcutta Gallery iv) Central Hall</td>
<td>Prof. Saswati Mazumdar as Principal Investigator</td>
<td></td>
<td>Victoria Memorial Hall Kolkata</td>
<td>Rs. 3,50,000/- + Tax</td>
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<tr>
<td>Studies and Formulating Standards of Lux Level as per Road Parameter in All Roads under KMC jurisdiction</td>
<td>Prof. Saswati Mazumdar as Principal Investigator</td>
<td></td>
<td>Kolkata Municipal Corporation Limited</td>
<td>Rs. 56,180/-</td>
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<td>Prof. Saswati Mazumdar as Principal Investigator</td>
<td>Distribution of Solar Powered Retrofit CFL System to Non-electrified Areas</td>
<td>UGC XI th Plan Outreach Research Work</td>
<td>Rs. 1,00,000/-</td>
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<tr>
<td>Prof. Saswati Mazumdar as Principal Investigator</td>
<td>Deployment of Lighting System in Sundarban Area</td>
<td>TEQIP, Jadavpur University jointly with NGO JGVK</td>
<td>Rs. 3,80,000/- and Rs. 1,20,000/-</td>
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<tr>
<td>Suddhasatwa Chakraborty as Principal Investigator</td>
<td>New Road Lighting Design Approach for Developing Countries</td>
<td>Indian Society of Lighting Engineers (ISLE)</td>
<td>Rs 76,146/-</td>
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<tr>
<td>Suddhasatwa Chakraborty as Principal Investigator</td>
<td>Development of an Experimental Model of a Smart Grid System</td>
<td>DST PURSE</td>
<td>Rs 52,50,000/-</td>
<td></td>
</tr>
</tbody>
</table>

**RESEARCH PUBLICATIONS IN INTERNATIONAL JOURNALS**


97. S. Halder nee Dey, P. Nagendra, Rasewsari Pradhan, ‘Development of rank indicators for transmission lines and generators to forecast voltage stability status of power system’, International Journal of AMSE- Association for the Advancement of Modelling and Simulation Techniques in Enterprises (France), Modelling,


157. B. Chatterjee, D. Dey, S. Chakravorti, “A new instrument for the measurement of peak value of non-sinusoidal asymmetric voltage over wide range of frequency measurement”, Measurement (Elsevier), Accepted for publication, Paper No. MEAS-D-07-00153.


DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Publications

2013


2. Hemant Pardeshi, Sudhansu Kumar Patia, N. Mohankumar, Chandan Kumar Sarkar, “Polarization based charge density drain current and small-signal model for nano-scale AllInGaN/AlN/GaN HEMT devices”, D. Godwinraj, Superlattices and Microstructures (Elsevier), Volume 54, Pages 188–203, February 2013


2012


Page 283


52. A.Chandra, C. Bose, M. K. Bose, “Symbol error probability of non-coherent M-ary frequency shift keying with post detection selection and switched combining over Hoyt fading channel,” IET Communications (IET), vol. 6, no. 12, Pp. 1692-1701, 2012.


58. Suvojit Acharjee and Sheli Sinha Chaudhuri--“Fuzzy Logic Based Four Step Search Algorithm for Motion Vector Estimation,” International Journal of Image, Graphics and Signal Processing (IJIGSP), ISSN: 2074-9074(Print), ISSN: 2074-9082 (Online), Pp:49-55, Vol 4 issue 4, May 2012., 46, Published By: MECS Publisher,[Indexed at EBSCO]


61. Suvojit Acharjee and Sheli Sinha Chaudhuri--“Fuzzy Logic Based Three Step Search Algorithm for Motion Vector Estimation,” International Journal of Image, Graphics and Signal Processing (IJIGSP), ISSN: 2074-9074(Print), ISSN: 2074-9082 (Online), Page Number: 37-43, Vol 4 issue 2, March 2012. Published By: MECS Publisher,[Indexed at EBSCO, CrossRef]


2011


106. Koushik Majumder, Subir Kumar Sarkar, Hybrid Scenario Based Performance Analysis of DSDV and DSR, International Journal of Computer Science and Information Technology, Vol 2, Number 3, June


110. Sudip Dogra, Joyashree Bag, Subir Kumar Sarkar, "VHDL Implementation of Anti-Collusion Algorithm for RFID Tag Identification," Published in the “International Journal of VLSI design,” ISSN 2229-3176; vol2, page 37-42;International Conference on communication and signal processing (ICCCS’11);


2010


2009


2008


276. Shyamal Kumar Das Mandal, Bhaskar Gupta and Asoke Kumar Datta, “Manner based lexically driven (MBLD) model for speech recognition in Bangla,” Published in ISCAP 2008.


2012

2011

2010

2009
16. Salil Kumar Sanyal has Contributed Chapter 3 on “Architecture of Embedded Tunable Circular Microstrip Antenna” jointly with Dr. Tapas Chakravarty, & Prof. Asok De in the book entitled “Java Software and


2008


Books

2012


2011


7. Amit Konar and Jaya Sil, Rough and Fuzzy Pattern Recognition, Jones and Bartlet, 2011.


2009


DEPARTMENT OF FOOD TECHNOLOGY & BIOCHEMICAL ENGINEERING

Utpal Raychaudhuri


1. Antioxidant activity of natural plant sources in dairy dessert (Sandesh) under thermal treatment.—— Bandypadhyay, Mahuya; Chakraborty, Runu; Raychaudhuri, Utpal. LWT - Food Science and Technology vol. 41 No. 5, 2008, pp. 816-825, Elsevier.


11. Thermal And Microstructural Analysis of Rice (Oryza sativa L) and Lali (Metapenaeopsis stenochirus) Extrusion- Hom Choudhury Mahuya, Chakraborty Runu, Sarkar Sreekanta, Raychaudhury Utpal, Department of Animal Health, 49(1) 2010, pp 1-10, Publisher: West Bengal Veterinary Association, India.


18. Optimization of Rice flour (Oryza sativa L) and Chapra (Fenneropenaeus indicus) Extrusion by response surface methodology.—— Hom Choudhury Mahuya, Chakraborty Runu, Sarkar Sreekanta, Raychaudhury Utpal, Food Science and Technology, 48, pp 155-162, 2011, Publisher: CIFT, Cochin, India.


36. Cryoprotective Effect of Shrimp Waste Protein Hydrolysate on Croaker Surimi Protein and Gel Characteristics during Frozen Storage---------- Sutya S. Dey, Kristina C. Dora, Utpal Raychaudhuri, Subba Ganguly, Fishery Technology, Vol 50, No 1, 2013, Publisher : CIF, Cochin, India

40. Quality enhancement of mustard oil by tocotrienol rich fraction from rice bran oil—-Bardhan Jayeeta, Chakraborty Runu, and Raychaudhuri Utpal, International Journal of Food Properties (Accepted for Publication in 2013) Publisher: Taylor and Francis.
43. Microencapsulation of probiotic bacteria and its potential application in food technology---------- Das Arpita., Ray Sohini, Raychaudhuri Utpal. & Chakraborty Runu, Accepted (2013) for Publication in International Journal of Agriculture, Environment, & Biotechnology, New Delhi Publisher.
46. Hydrolysis of starch from vegetable peels by the action of alpha amylase from Aspergillus niger--------Kaustav Chakraborty, Utpal Raychaudhuri, & Runu Chakraborty, Journal of Food Agriculture and Environment, (Accepted for publication in Vol.12 (2) April 2014) WFL publishe
47. Application of Twin Screw Extrusion technology for development of new generation snacks with antioxidant : An analysis------ Hom Choudhury Mahuya, Chakraborty Runu, Raychaudhuri Utpal, Indian Journal of Food Science Research, Vol 4, 2, pp. 018-020, 2013, Publisher: Hind Institute of Science and Technology, India

(B) Books, Monographs, Chapters etc.

(C) Patents Granted & Published
1. A process for preparing storage stable low fat and low cholesterol goat meat-------------Utpal Raychaudhuri, Runu Chakraborty, and Banani Raychowdhury, Govt. of India Patent Office Journal and Certificate No. 221577, Published on Dated 25-06-2008
2. A process for preparing a sea food including, preparing and mixing crustacean powder, small fish powder and Aswagandha extract in the manner such as herein described and extruding the said mixture with suitable extruding means------------- Utpal Raychaudhuri, Runu Chakraborty and Mahuya Paul (Hom Choudhury) Govt. of India Patent Office Journal Issue No 18/2009, Application No. 563/KOL./2009A Published Dated 01-0502009
(D) Paper Presented in Seminars/Conferences/Workshop/Training/Refresher Courses/Magazines etc.
1. Herbs and spices: Their role as nutraceuticals---------Das Lipi, Bhaumik Eshani, Raychaudhuri Utpal & Chakraborty Runu, --Presented in the National Conference on Future of Food Biotechnology in India , NIT, Durgapur, January 8-9,2009.
4. Characterisation of Extrudate prepared from Rice (Oryza Sativa L) Chapra (Penaeus indicus) and Aswagandha (Withania sominifera) by twin screw extrusion--------- Hom Choudhury Mahuyai, Chakraborty Runu, Sarkar Sreekanta, Raychaudhuri Utpal, Abstract publication in Technical session titled “Technological Development in Fish Processing and Packaging” in BENAQUA 2010 by the Department of Fisheries, Government of West Bengal, W.B.U.A.F.S. and CIFT, Kochi; page 69).
6. Utilisation of Biomolecules in Food Industries -----Utpal Raychaudhuri, Abstract published in the Govt. of India Sponsored National Seminar on Role of Bioactive Compounds in Foods on Human Health on November 14-16, 2011, organized by Dept. of Food Technology, Tezpur University, Assam.
7. Sub-chronic toxicity study, antidiabetic and antioxidant effect of *Swietenia macrophylla* seeds in experimental rats , Abstract published in the proceedings of the International Conference on Recent Trends in Atherosclerosis, held on Annamalai University, Tamilnadu on Sep 01-03, 2012.
10. Utilisation of Biomolecules in Food Industries—Natural Antioxidants-----Utpal Raychaudhuri, Published in the proceedings of the UGC sponsored Refresher Course on Interdisciplinary Research towards the Development of Modern Food and Bioprocess Technology , Organised by the FTBE Dept. Jadavpur University during 26thJune 2013—16th July 2013.
11. Standardisation of an Economical Bioprocess for Production of Natural Vinegar from Corn--------Kaustav Chakraborty, Utpal Raychaudhuri & Runu Chakraborty, Abstract in the proceedings of the 15th Year Celebration of Patent Information Centre Intellectual Property Rights Congress organized by TIFAC and DST, Govt.of West Bengal at Kolkata on 25th September 2013.
12. Food Technology introduces methods of food safety -------Utpal Raychaudhuri, published the cover story of the Global UK-INDIA Issue on Food Processing value addition to agriculture of Business Economics, March 15, 2010,

(E) Invited Lectures / Session Chairs
1. Invited as the Guest of Honour to give lecture in a seminar of the MERCHANTS’ CHAMBERS OF COMMERCE on Growth Potential of Food Processing Industries in India and West Bengal in particular on the dated 26thb August, 2009 at 15-B, Hemanta Basu Sarani, Kolkata-700001.
2. Invited as the Guest Speaker to give lecture in a seminar on Effectiveness of Organic Health Food on Human Welfare organised by MPS FOOD PRODUCTS LTD. on dated 13 August, 2009 at B.C.Roy Memorial Auditorium, Bidhan Sishu Sarani, Kolkata700054.
3. Invited as the Expert Authority to present a technical protocol on Supervision and Quality Checking of Mid Day Meal in the Schools in West Bengal organised School Education Department, Govt. of West Bengal on dated 16th September, 2009 at Bikash Bhavan, Salt Lake, Kolkata.
4. Invited as the Speaker to give lecture in a Seminar on Retail Packaging—FDA Regulation & Food Safety Requirements organised by Indian Institute of Packaging, Eastern Regional Centre, Salt Lake, Kolkata during 20-21 August, 2009.
5. Invited as the Guest Speaker to give lecture in a seminar on Rural Projects on Food & Biotechnology for MSME organised by Pranavananda Institute of Management & Technology on dated 26th January 2010 at Sreenath Hall, 237, Kashbehari Avenue, Kolkata-700019.
6. Invited as the Eminent Speaker to give lecture in a National Seminar on Horti- Food —Fest 2010 organised by Dept. of Food Processing Industry & Horticulture, Govt. of West Bengal at Milan Mela Ground, Kolkata during 9-13 January 2010.
7. Invited as a Special Guest to give a lecture in a seminar organized by West Bengal Bakers’ Coordination Committee, Howrah, West Bengal during October 30-31, 2010.
8. Invited as the Guest of Honour to address in the valedictory session in a seminar of Entrepreneurship Development in Food Processing, sponsored by the Ministry of Food Processing, Govt. of India and organized by Sreegopal Banerjee College, Govt. sponsored, Magra, Dist. Hoogly, West Bengal on dated 11th November 2010.
10. Invited to give lecture in a seminar of North 24 Pgs Zila Parishad, West Bengal on Development of Food Processing Industries in West Bengal on 28th November 2011.
11. Invited as a speaker to deliver a lecture in the UGC sponsored seminar organized by Pravat Kumar College, Contai, Purba Medinipur, West Bengal on dated January 28-29, 2011.
12. Invited to give lecture in a seminar of Guru Nanak Institute of Technology, Kolkata on Safety of Street Foods on 19-12-2011.
13. Invited to Chair in a session of the International Seminar on Functional Foods held at University of Nevada, Las Vegas, USA in March 2011.
14. Invited to Chair a session as a moderator of a panel discussion in a National Seminar on Current Technology Challenges in Food Processing Specially Emphasizing Food Irradiation on 26.06.11, organized by the Dept of FTBE, Jadavpur University.
15. Invited to give lecture in a seminar on Role of Bioactive Compounds in Foods on Human Health with a topic titled Utilisation of Biomolecules in Food Industries on November 14-16, 2011, organized by Dept. of Food Technology, Tezpur University, Assam.
16. Invited as a Chief Guest to give lecture in a seminar on Sweets Technology organized by Utkal Mistannya Babasayaee Samiti jointly with Orissa State Council for Technical Education and Vocational Training under Directorate of Technical Education and Training, Govt. of Orissa at Bhubaneswar, Orissa on 03.08.11.
17. Invited to Chair a session as a moderator of a panel discussion in a National Seminar on Current Technology Challenges in Food Processing specially Emphasizing Food Irradiation on 26.06.11, organized by the Dept of FTBE, Jadavpur University.
18. Invited to give lecture in a seminar of Enterprise Development Institute of Bengal Chambers of Commerce, Kolkata on Role of R & D Institutions and Commercialization of Technology on 05.01.2012.
20. Invited to give lecture in a seminar of Directorate of Food Processing Industries, Govt. of West Bengal in a Food Fest on Investment Opportunity for Setting up Food Processing Industries and Food Safety on January 17, 2012.
21. Invited to Chair a session in a 19th West Bengal State Council Science & Technology Congress, Session III – Food on 02.03.2012.
22. Invited to Chair a session in the International Conference on Recent Trends in Atherosclerosis organized by the Indian Society for Atherosclerosis during September 01-03, 2012 at Annamalai University, Tamil Nadu, India.
23. Invited to deliver a lecture on Maintenance of Quality of Joynagar Moya in a workshop on Joynagar Moya organized by Department of Sundarban Affairs, Govt. of West Bengal at Joynagar on January 20, 2013.
25. Invited to give the Key Note Address in the AICTE Sponsored National Seminar on Recent Advances in the Development of Natural Antioxidants organized by Guru Nanak Institute of Technology, Kolkata during 12-13 March 2013.

Runu Chakraborty


1. Antioxidant activity of natural plant sources in dairy dessert (Sandesh) under thermal treatment.—— Bandypadhyay, Mahuya; Chakraborty, Runu; Raychaudhuri, Utpal. LWT - Food Science and Technology vol. 41 No. 5, 2008, pp. 816-825, Elsevier.

2. Effect of beet and honey on quality improvement and carotene retention in acarrot fortified milk product.—— Bandypadhyay, Mahuya; Chakraborty, Runu; Raychaudhuri, Utpal. Innovative Food Science and Emerging Technologies vol. 9, No. 1, 2008, p. 9-17, Elsevier.


9. Thermal And Microstructural Analysis of Rice (Oryza sativa L) and Lali (Metapenaeopsis stridulans) Extrusion——Hom Choudhury Mahuya, Chakraborty Runu, Sarkar Sreekanta, Raychaudhuri Utpal, Department , - Indian Journal of Animal Health,49(1) 2010, pp 1-10, Publisher : West Bengal Veterinary Association, India


16. Optimization of Rice flour (Oryza sativa L.) and Chapra (Fenneropenaeus indicus) Extrusion by response surface methodology—Hom Choudhury Mahuya , Chakraborty Runu, Sarkar Sreekanta , Raychaudhuri Utpal, ———Fishery Technology (48) , pp 155-162,2011, Publisher : CIFT, Cochin, India


28. Characterization of extrudate prepared from Rice (Oryza sativa L) and Chapra (Fenneropenaeus indicus) by Twin Screw Extrusion ---- Hom Choudhury Mahuyai, Chakraborty Runu, Sarkar Sreekanta, Raychaudhuri Utpal, Fishery Technology, Vol. 49 pp 50-53, 2012, Publisher : CIFT, Cochin, India


32. Cryoprotective Effect of Shrimp Waste Protein Hydrolysate on Croaker Surimi Protein and Gel Characteristics during Frozen Storage---------Satya S. Dey, Krishna C. Dora, Utpal Raychaudhuri, Subha Ganguly, Fishery Technology , Vol 50, No 1, 2013, Publisher: CIFT, Cochin, India


34. Development of PEI—GA modified antibody based sensor for the detection of S. aureus in food samples---------Tania Majumder, Runu Chakraborty, and Utpal Raychaudhuri, Food Bioscience, Vol. 4, pp. 38—45, 2013, Publisher: Elsevier.


36. Quality enhancement of mustard oil by tocotrienol rich fraction from rice bran oil---------Bardhan Jayeeta, Chakraborty Runu, and Raychaudhuri Utpal, International Journal of Food Properties (Accepted for Publication in 2013 ) Publisher : Taylor and Francis.


42. Hydrolysis of starch from vegetable peels by the action of alpha amylase from Aspergillus niger--------- Kaustav Chakraborty, Utpal Raychaudhuri, & Runu Chakraborty, Journal of Food Agriculture and Environment, (Accepted for publication in Vol.12 (2) April 2014) WFL publishe


Paramita Bhattacharjee
RESEARCH PUBLICATION


18. Dipan Chatterjee and Paramita Bhattacharjee, 'Supercritical carbon dioxide extraction of eugenol from clove buds: Process optimization and packed bed characterization', *Food and Bioprocess Technology*, 6: 2587-2599, June 2013.


21. Paramita Bhattacharjee, Dipan Chatterjee and Rekha S. Singhal, ‘Studies on supercritical carbon dioxide extraction of squalene from *Amaranthus paniculatus*', *Food and Bioprocess Technology*, 5: 2506-2521, 2012.


**ABSTRACTS**


4. Supercritical carbon dioxide extraction of *Ocimum sanctum* Linn and a comparative evaluation with other extraction techniques: Process optimization and phytochemical properties; Sudip Ghosh, Dipan Chatterjee and Paramita Bhattacharjee, Abstract No.NHC-17, Page 79, Publication in Proceedings of International Conference on Food and Nutrition Technology for Public Health Care, ICFNP-2012, organized by International Institute of Stress Management and Allied Sciences (IISMAAS), Jawaharlal Nehru University, New Delhi, May 4-5, 2012.


7. Extraction of color from peels of egg plant for use as food colorant, Nikhil T. JadHAV, Probir Kumar Ghosh and Paramita Bhattacharjee, Abstract published in Proceedings of International Conference on Innovations in Food Processing and Ingredients towards Healthy India, Mumbai; Organized by ICT, Mumbai and AFST (I), Mumbai Chapter, January 4-5, 2011.


PATENT/PATENT AWARD RECEIVED

1. Paramita Bhattacharjee and Dipan Chatterjee, Applied for patent entitled ’Natural colorant from peels of egg plants’ (Invention ID IN-820834) to Intellectual Ventures Asia- received notification Invention Award based on review score on March 1, 2012.


BOOK CHAPTERS


SEMINARS & PRESENTATIONS


4. Chairperson for Oral Free communication by students and Panelist for Panel Discussion on Vitamins for “Optimum Nutrition” - Use and abuse of supplements, in UGC sponsored National Level Seminar on “100 years for the Hypothesis of Vitamin Deficiency Diseases” Organized by Department of Food & Nutrition,


7. Extraction of antioxidant-rich fractions from clove buds using supercritical carbon dioxide and comparative evaluation of antioxidant efficacies of these un-encapsulated and encapsulated fractions in soybean oil, Dipan Chatterjee, Paramita Bhattacharjee, Oral presentation in AICTE Sponsored National Seminar on Recent Advances in the Development of Natural Antioxidants, Guru Nanak Institute of Technology, March 12-13, 2013.


9. Quality assessment of fried potato wedges by fuzzy logic and texture analyses, Prabir Kumar Ghosh and Paramita Bhattacharjee, Poster presentation in ‘Food Engineering’, XXII Indian Convention of Food Scientists and Technologists (ICFOST-XXII) on SAFEST (Safety Assurance of Foods through Emerging Science & Technology) INNOVATIONS, CFTRI, Mysore, India, December 6-7, 2012. This poster won the second prize in the section of the Food Engineering.


11. Supercritical carbon dioxide extraction of Ocimum sanctum Linn and a comparative evaluation with other extraction techniques: Process optimization and phytochemical properties, Sudip Ghosh, Dipan Chatterjee and Paramita Bhattacharjee, oral presentation in International Conference on Food and Nutrition Technology for Public Health Care, ICFNP-2012, organized by International Institute of Stress Management and Allied Sciences (IISMAAS), Jawaharlal Nehru University, New Delhi, May 4-5, 2012.


15. Fermented Meat Products; Paramita Bhattacharjee, Padma Iyer and Rekha S Singhal, Oral Presentation at National Seminar on Recent Advances in the Development of Fermented Foods, BHU, Organized by Centre of Food Science and Technology, Institute of Agricultural Sciences, BHU and Sasnet-FF, April 8-9, 2011.


17. Extraction of color from peels of egg plant for use as food colorant, Nikhil T. Jadhav, Prabir Kumar Ghosh and Paramita Bhattacharjee, Poster Presentation at International Conference on Innovations in Food Processing and Ingredients towards Healthy India, Mumbai; Organized by ICT, Mumbai and AFST (I), Mumbai Chapter, January 4-5, 2011. This poster won the consolation prize.


20. Design of fruit snacks for the Indian market, Bijal Lalan, Deependra Kumar Ban and Paramita Bhattacharjee, Poster Presentation at International Conference on Food Technology: Edition II: Greening Food Processing Sector for Sustainable Safe Food Supply, Indian Institute of Crop Processing Technology, Thanjavur, Tamil Nadu, India; Organized by MOFPI, Govt. of India; 30-31 October, 2010.

21. A simple and rapid technique to detect adulteration of black pepper with papaya seeds, Sandrayee Brahma and Paramita Bhattacharjee, Poster Presentation at International Conference on Future of Biotechnology in India, National Institute of Technology, Durgapur, West Bengal, India; 8-9 January, 2009.


23. Studies on extraction of colors from fruit and vegetable peels, Arijita Das, Ashim Dey, Chandani Sen, Deepayan Ghosh and Paramita Bhattacharjee, Poster Presentation at International Conference on Future of Biotechnology in India, National Institute of Technology, Durgapur, West Bengal, India; 8-9 January, 2009.


POPULAR ARTICLES

List of published papers (Prof. Lalitagauri Ray)


**Books / Monographs**

1. Ray. I. Bairagi, H, Chatterjee.A. Continuous biosorption of Cu(II) ions from aqueous solution. Pg.21-37, Technology to Society – A compendium of action research publications & reports on services to the community and economy. Under TEQIP Ed. S.K. Saha. Published by State Project Facilitation Unit, West Bengal, India in collaboration with Jadavpur University, W.B. India.


DEPARTMENT OF INFORMATION TECHNOLOGY


Samiran Chattopadhyay


Bibhas Chandra Dhara


Uttam Kumar Roy


Parama Bhaumik


Bhaskar Sardar


Utpal Ray


Conference Publications:

Samiran Chattopadhyay

4. Chandra Das, Shilpi Bose and Samiran Chattopadhyay, Effectiveness of Different Partition-based Clustering Algorithms for Estimation of Missing Values in Microarray Gene Expression Data published by


Page 316

Bibhas Chandra Dhara

25. C. Maiti and B. C. Dhara A binary watermarking scheme using quantization levels of BTC-PF method International Conference on Communications, Devices and Intelligent Systems (CODIS), 2012 pp. 604-607


Uttam Kumar Roy


Parama Bhaumik


46. Suvadip Batabyal, Parama Bhaumik, “Optimizing the Green Signal Time for Road Traffic Congestion Management” Published in the 1st Conference of Transportation Research Group of India (CTRG), 7th - 10th December, 2011, Bangalore, India.


50. Maumita Bandopadhyay, Parama Bhaumik “Zone based ant colony routing in mobile ad-hoc network ” published in proceedings of Communication Systems and Networks (COMSNETs) 2010, 5-9 Jan 2010 , Pg 1-10, Bangalore, India


Bhaskar Saradar


Utpal Ray


Books

Publications:

List of Papers Published in Journals:


List of papers published from seminars/conferences and their proceedings


Faculty serving in

a) National committees

Prof. Rajib Bandyopadhyay:

i) UGC: SAP committee, MRP evaluation, autonomous institution sanction

ii) CSIR: SRF selection committee

iii) Selections committee of various Engg. colleges and universities

Prof. Rajib Bandyopadhyay:

PhD and M.Tech examiner of Tezpur University and IIT, KGP
<table>
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<th>Principal Investigator</th>
<th>Acting PI Co Investigators / Partners are</th>
<th>Name of the Research Project</th>
<th>Project Value in lakh in INR</th>
<th>Funding Agency</th>
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<td>Prof Sadhan K Ghosh,</td>
<td>Aston University, UK and IIT Kgp,</td>
<td>Climate Change Issues and</td>
<td>40,000 GBP</td>
<td>UKIERI</td>
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<tr>
<td>Prof Sadhan K Ghosh,</td>
<td>Aston University, UK (2013-15)</td>
<td>Waste to Energy –DSS for planning and implementation in India</td>
<td>60,000GBP</td>
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<td>Prof Sadhan K Ghosh,</td>
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<td>Research Project for Developing DPR for modernization of EWS for repair and maintenance of submersible pumps for enhanced quality and productivity.</td>
<td>10.80 Laks</td>
<td>KMC</td>
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<td>Prof Sadhan K Ghosh,</td>
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<td>Research Project for study of SWM status &amp; developing detail Bio Gas Project Document for nine ULBs.</td>
<td>3.00 Lakh</td>
<td>Govt of West Bengal</td>
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<td>Prof Sadhan K Ghosh,</td>
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<td>Research Project on Study &amp; developing 2nd generation DDP for 5 years planning for Howrah Municipal Corporation.</td>
<td>6.62 Lakh</td>
<td>HMC</td>
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<td>Prof Sadhan K Ghosh,</td>
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<td>Research Project – MSSE Cluster Development Initiative, Plastics, Govt of West Bengal.</td>
<td>3.00 Lakh</td>
<td>Govt of West Bengal,</td>
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<td>Prof Sadhan K Ghosh,</td>
<td></td>
<td>Research Project for study &amp; developing 5 year plan of Uluberia Municipality.</td>
<td>3.26 Lakh</td>
<td>UM, Govt of West Bengal,</td>
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<tr>
<td>Prof Sadhan K Ghosh</td>
<td>Prof Asish Bandyopadhyay</td>
<td>Development of High Speed Jute Ribboner, Phase I</td>
<td>Rs. 58.00 Lacs</td>
<td>JTM, The Jute Corporation of India</td>
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<td>Prof Asish Bandyopadhyay</td>
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<td>Prof Sadhan K Ghosh</td>
<td>Prof Asish Bandyopadhyay Pradip Kumar Pal</td>
<td>Inventorisation of Plastics Recycling and processing units in West Bengal</td>
<td>Rs. 5.84 Lacs</td>
<td>West Bengal Pollution Control Board</td>
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<td>Prof Samir Kumar</td>
<td></td>
<td>History of Technical Education in India : 1900-2005</td>
<td>Rs.4.5 Lakhs</td>
<td>Indian National Science Academy (INSA)</td>
</tr>
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<td>Saha</td>
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<tr>
<td>Prof Samir Kumar</td>
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<td>Prasanta Chandra Mahalanobis – growth of Statistics &amp; Statistical Organizations in India (PI)</td>
<td>Rs.2.0 Lakhs/yr.</td>
<td>Indian National Science Academy (INSA)</td>
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<tr>
<td>Professor</td>
<td>Collaborator(s)</td>
<td>Project Title</td>
<td>Funding Details</td>
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<tr>
<td>Prof Samir Kumar Saha</td>
<td></td>
<td>Experimenting for sustainability : Urban Mobility in India (CO-PI)</td>
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<td>Prof Sankar Dhar</td>
<td>Sanjib Kumar Acharyya</td>
<td>Modelling and Finite Element Simulation of Uniaxial &amp; Biaxial LCF and Ratchetting</td>
<td>Rs. 19.15</td>
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<tr>
<td>Prof Dipankar Sanyal,</td>
<td></td>
<td>Combustion Control and Hydraulic Servocontrol under SAP-DRS of UGC, New Delhi</td>
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<td>Departmental Project Coordinator</td>
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<tr>
<td>Prof Achintya Mukhopadhyay</td>
<td>Prof Swarnendu Sen, Prof Dipankar Sanyal</td>
<td>Dynamic Characterization of Model Gas Turbine Combustors for Early Detection of Thermoacoustic Instability and Lean Blowout</td>
<td></td>
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<tr>
<td>Prof Achintya Mukhopadhyay</td>
<td>Prof Swarnendu Sen, Prof Dipankar Sanyal</td>
<td>Fuel Effects on Performance and Emission Characteristics of Thermal Pulse Combustor</td>
<td>Rs. 11.87 Lakh</td>
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<td>Prof Achintya Mukhopadhyay</td>
<td>Prof Swarnendu Sen, Prof Amitava Datta, Dr Koushik Ghosh</td>
<td>Modeling and Experimental Validation of Spray Formation by Disintegration of Annular Swirling Liquid Sheets for Design of Advanced Fuel Injectors for Gas Turbine Combustors</td>
<td>Rs. 15.58 Lakh</td>
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<tr>
<td>Prof Achintya Mukhopadhyay</td>
<td>Prof Swarnendu Sen, Prof Dipankar Sanyal</td>
<td>Dynamic Characterization of Model Gas-Turbine Combustors for Early Detection of Thermo-acoustic Instability and Lean Blowout</td>
<td>Rs. 10 lakh</td>
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<td>Prof Swarnendu Sen</td>
<td>Dr Saikat Mookherjee</td>
<td>Large Scale Molten-Coolant Interaction Study</td>
<td>Rs. 95.71 Lakh</td>
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<td>Dr Sanjib Kumar Acharyya</td>
<td>Rana Saha, Dipankar Sanyal</td>
<td>Measurement of Mass properties of Payloads</td>
<td>Rs. 9.95</td>
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<td>Dr Sanjib Kumar Acharyya</td>
<td>Prof Sankar Dhar</td>
<td>Master Curve generation for fracture toughness of 20MnMoNi55 from lower shelf to upper shelf</td>
<td>Rs. 44.00</td>
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<tr>
<td>Dr Sanjib Kumar Acharyya</td>
<td>Prof Sankar Dhar</td>
<td>Fracture tests on 3 point bend specimens of material 20MnMoNi55 at room &amp; subzero temperature to investigate Master Curve</td>
<td>Rs. 39.42</td>
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<tr>
<td>Dr Sanjib Kumar Acharyya</td>
<td>Prof Sankar Dhar</td>
<td>Fracture toughness test of 20MnMoNi55 steel from lower shelf to upper shelf</td>
<td>Rs. 52.00</td>
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<tr>
<td>Dr H Chattopadhyay</td>
<td></td>
<td>Facility for Rheo pressure die casting</td>
<td>6 lakhs</td>
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<tr>
<td>Dr Koushik Ghosh</td>
<td>Prof Dipankar Sanyal</td>
<td>Clad Behavior under Accident Condition</td>
<td>Rs. 35.9 lakh</td>
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</tr>
</tbody>
</table>
Publications:


Academic Appointments / Lectures Abroad by Prof Sadhan K Ghosh

1. Delivered lecture at Fu Jen Catholic University, on 28th March 2013.


4. Visited Tongji University, China on invitation during 29th March to 5th April 2013.


6. Visiting Faculty at Aston University, UK : Carried out collaborative research during October – November 2012. 25th to June 14th 2013 under UKIERI.


Research Projects ongoing by Prof Sadhan K Ghosh as PI

1. UK India Educational Research Initiative – Thematic Partnership Research Project “Waste to Energy from MSW – Decision support System for planning and implementation in India” Partners are Aston University, UK and IIT Kharagpur, 2013 – 2015 – 40,000 GBP.


5. Research Project on Study & developing 2nd generation DDP for 5 years planning for Howrah Municipal Corporation, 2012 – INR 6.60 Lacs.
Edited volume as Chief Editor by Prof Sadhan K Ghosh

Proceedings of 3rd International Conference on Solid Waste Management, in 2012 (Associate editors are Dr. R. Stegmann, Dr. J. Wong, Mr. J C. Muffat, Dr. P. Agamuthu, Dr. Wang Jing-Yuan AND Prof P. K. Dey,

Chairman, 4th International Conference on Solid Waste Management to be held at Hyderabad organized by Govt of Andhra Pradesh during January 28-30, 2014.

Prof Sankar Dhar

Research Projects:

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Acting PI</th>
<th>Name of the Research Project</th>
<th>Project Value</th>
<th>Funding Agency</th>
</tr>
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<tbody>
<tr>
<td>Prof. Sankar Dhar</td>
<td>Dr. Sanjib Acharya</td>
<td>Modelling and Finite element Simulation of Multiaxial Fatigue and Ratcheting of SA333 C-Mn steel</td>
<td>19.0 Lakhs</td>
<td>BARC</td>
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</tbody>
</table>

2. Invited lectures delivered / Session chaired: (Name of the teacher, Type of participation, name of the Seminar/ Conference etc., Place, Duration).

Prof. Sankar Dhar

- Lectures delivered:

<table>
<thead>
<tr>
<th>Date</th>
<th>Organisation</th>
<th>Topic</th>
<th>Capacity</th>
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<tbody>
<tr>
<td>04-05 May, 2012</td>
<td>TATA STEEL R&amp;D and NML</td>
<td>Finite Element Application in Metal Plasticity</td>
<td>Invited Speaker</td>
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<tr>
<td>20.07.2012</td>
<td>PXE, DRDO</td>
<td>Finite Element Analysis of ballistic Penetration in Armour Steel</td>
<td>Invited Speaker</td>
</tr>
</tbody>
</table>

3. Invited to Chair / Co – Chair technical Session:-

Name of the teacher – Prof. Sankar Dhar

Fatigue Fracture and Integrity Assessment (FFIA) , 04-05 May, 2012 organised by Tata Steel R&D and NML Jamshedpur

Papers published in Journals/Magazines:

Prof. Sankar Dhar


3 Sumit Bhowmik, Prasanta Sahoo, Sanjib Kumar Acharyya, Sankar Dhar, 2013, “Effect of corrosion on fracture toughness in ductile to brittle transition region of 20MnMoNi55 steel”, Procedia Engineering


DIPANKAR SANYAL

[A] Publications


[B] Projects

<table>
<thead>
<tr>
<th>Sl No</th>
<th>Name of Funding agency</th>
<th>Project Title/PI or Co-I (other members)</th>
<th>Duration</th>
<th>Funding</th>
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<tbody>
<tr>
<td>1</td>
<td>ITR, Chandipur</td>
<td>Design and Implementation of Two-Axis Direct Drive Tracking Mechanism/Co-I (with Kumardeb Bandyopadhyay, Kamalesh Majumdar, Sanjib Kumar Acharyya, Saikat Mookherjee, Sanjoy Saha, Rana Saha)</td>
<td>2013-2015</td>
<td>Rs 10.0 lakh</td>
</tr>
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<td>2</td>
<td>ER&amp;IPR, DRDO, New Delhi</td>
<td>Development of a Multiple Degree of Freedom Hydraulic Parallel Manipulator with Control for Motion Tracking/Co-I (with Rana Saha)</td>
<td>2012-2015</td>
<td>Rs 43.91 lakh</td>
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<tr>
<td>3</td>
<td>Aeronautics R&amp;D Board, New Delhi</td>
<td>Design of Low Noise Swash Plate axial Piston Pump/PI (with Rana Saha)</td>
<td>2012-2014</td>
<td>Rs 14.86 lakh</td>
</tr>
<tr>
<td>4</td>
<td>HAL, Lucknow</td>
<td>Analysis of Pressure Compensator Design of LCA –130 lpm Main Hydraulic Pump by Modelling and Simulation/ Co-I (with Saikat Mookherjee &amp; Rana Saha)</td>
<td>2012-13</td>
<td>Rs 4.0 lakh</td>
</tr>
<tr>
<td>5</td>
<td>Aeronautics R&amp;D</td>
<td>High-Frequency Real Time Tracking Control for Linear Servo Actuation</td>
<td>2012-2014</td>
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</tbody>
</table>
Prof. Simul Banerjee (1st April 2012 to 31st March 2013)


Prof.Goutam Sutradhar

Published in Journal (National/International) during April 2012 to March 2013


Presented Paper in National/International Conferences:


Paper presented abroad


Books Written


Review Work:

Reviewed 20 cds [about 40 hours ] of recording and time line of 4 weeks to launch a portal containing courses on Casting Design and Simulation by Prof. B. Ravi, Chair Professor, Department of Mechanical Engineering, IIT Bombay organized by Dept. of Chemical Engineering, IIT Bombay under Talk To A Teacher Project funded by Ministry of Human Resources and Development (MHRD), New Delhi during April- May 2012

International Technical Tour:

1. Visited Ten Foundries in Japan as delegate of The Institute of Indian Foundrymen (IIF) as Joint venture between two countries during 15.4.2013 to 22.4.2013

2. Invited lectures delivered / Session chaired: (Name of the teacher, Type of participation, name of the Seminar/ Conference etc., Place, Duration).

Prof. Sudipta De
7th February, 2013
International Conference on Energy Resources & Technologies for Sustainable Development (ICERTSD), BESU, Shibpur, West Bengal,

‘Energy systems modeling – from first principle to data based’

Invited Speaker

5th August, 2013
National Power Training Institute (NPTI), Durgapur, WB

‘Electricity from conventional power plants: some thoughts on challenges and visible future trends’

Invited Speaker

Prof. Sudipta De:

International Journal Papers:


International Conference Papers:

3) Bose, A., Mitra, D., Jana, K. and De, S.* (2013): ‘Coal Based Polygeneration With CO\textsubscript{2} Capture For Power And Urea Production - Possible Improved Schemes’, International Conference on Energy Resources & Technologies for Sustainable Development (Paper No.: ICERTSD-03-227).

National Conference Papers:


Prof. Sudipta De

1. Organizing a lecture series (over one-year) on ‘Sustainability of Indian Energy Sector: Prospects and Challenges’ jointly with Bengal Chamber of Commerce and Industry (BCCI) and European Business and Technology Centre (EBTC) with World Bank funding. (http://teqip.jdvu.ac.in/for_website/web_lecture.html)
2. Senior research fellow of ‘Indian-European Multi-Level Climate Governance Research Network’ (http://www.indiaeu-climategovernance.org/people/senior_researchers/de_sudipta/index.html).
3. Expert Member of High Power Committee of Kolkata Metropolitan Corporation (KMC) for saving of energy in public utilities.
4. Expert member of West Bengal Board of Boiler Operation Engineers under the Directorate of the Boiler, Government of West Bengal.

5. Member of the Core Group of the Jadavpur University for Indo–European Interactions on Higher Education coordinated by British Council.

6. Regular reviewer of many reputed international journals.

ACHINTYA MUKHOPADHYAY

Journal Publication:


Conference Publication:


Research Projects (in addition to already included in report):

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Acting PI/ Co Investigator</th>
<th>Name of the Research Project</th>
<th>Project Value in Lakh of INR</th>
<th>Funding Agency</th>
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</table>

Publications of Prof. Goutam Pohit (1st April 2012 to 31st March 2013)

Referred Journals


Contribution in conference proceedings

Sanjib Kumar Acharyya, M.E Department since 2012

International Journal:

**Project Supervised:**

<table>
<thead>
<tr>
<th>Sl.No</th>
<th>Designation</th>
<th>Title of the Project</th>
<th>Funding Authority</th>
<th>duration from to</th>
<th>Sanctioned Amount (Rs. in lakh)</th>
<th>Status of the Project</th>
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<tbody>
<tr>
<td>1</td>
<td>Co-Investigator</td>
<td>Modelling and Finite element Simulation of Uniaxial and Bi-axial Low cycle fatigue and Ratcheting</td>
<td>BARC</td>
<td>2008 to 2013</td>
<td>12.0</td>
<td>Ongoing</td>
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<tr>
<td>2</td>
<td>Principal Investigator</td>
<td>Master Curve Generation for Fracture Toughness of the material 20 Mn Mo Ni 55 from lower shelf to upper shelf”</td>
<td>BARC</td>
<td>2009 to 2013</td>
<td>44.0</td>
<td>Ongoing</td>
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<tr>
<td>3</td>
<td>Principal Investigator</td>
<td>Fracture Tests on Three Point Bend Specimens of the material 20MnMoNi55 at Room and Sub-zero Temperature to Investigate Master Curve.”</td>
<td>BARC</td>
<td>2010 to 2014</td>
<td>39.0</td>
<td>Ongoing</td>
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<td>4</td>
<td>Principal Investigator</td>
<td>Measurement of Mass Properties of Payloads</td>
<td>RCI, DRDO</td>
<td>2010 to 2013</td>
<td>9.95</td>
<td>Ongoing</td>
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<td>5</td>
<td>C.I</td>
<td>DESIGN &amp; IMPLEMENTATION OF TWO-AXIS DIRECT-DRIVE TRACKING MECHANISM</td>
<td>ITR, DRDO</td>
<td>2013 to 2015</td>
<td>10.0</td>
<td>ongoing</td>
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</table>
Himadri Chattopadhyay

List of Publications

Journals


Conferences


- Bit, A., Chattopadhyay, H., Non-newtonian flows in stenosed channel, accepted for Indian Scince Congress, 3-7 January 2013

- Nandi, T., Chattopadhyay, H, Development of flow and thermal field in wavy microchannels under inlet pulsations, accepted for Indian Scince Congress, 3-7 January 2013

- Simlandi, S., Barman, N. and Chattopadhyay, H, Rheological Behaviour of Semisolid Alloy Slurry – an Overview, accepted for Indian Foundry Congress 27-29 January, 2013, Kolkata


SAIKAT MOOKHERJEE,

[C] Publications


2. N. P. Mandal, R. Saha, S. Mookherjee and D. Sanyal, 2013, Pressure compensator design for an axial piston pump, Trans. ASME Dynamic Systems Measurements Controls, Accepted for publication (manuscript no. DS-12-1356.)

[D] Projects

<table>
<thead>
<tr>
<th>Sl No</th>
<th>Name of Funding agency</th>
<th>Project Title/PI or Co-I (other members)</th>
<th>Duration</th>
<th>Funding</th>
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<tr>
<td>1</td>
<td>ITR, Chandipur</td>
<td>Design and Implementation of Two-Axis Direct Drive Tracking Mechanism/Co-I (with Kumardeb Bandyopadhyay, Kamalesh Majumdar, Sanjib Kumar Acharya, Dipankar Sanyal, Sanjoy Saha, Rana Saha)</td>
<td>2013-2015</td>
<td>Rs 10.0 lakh</td>
</tr>
<tr>
<td>2</td>
<td>HAL, Lucknow</td>
<td>Analysis of Pressure Compensator Design of LCA –130 lpm Main Hydraulic Pump by Modelling and Simulation/ PI (with Dipankar Sanyal &amp; Rana Saha)</td>
<td>2012-13</td>
<td>Rs 4.0 lakh</td>
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</table>
Dr. Nilkanta Barman

PUBLICATIONS

INTERNATIONAL JOURNALS


CONFERENCE PROCEEDINGS


Best Paper Award

Best Paper Award to Sri S. Mukherjee (a Student) for presenting a work entitled “Studies on Thermal Behavior for Cooling of a Building using Phase Change Material” by S. Mukherjee, S. Simlandi and N. Barman in the conference “Recent Advances and Challenges in Energy” held on January 4 -6, 2012 at MIT, Manipal, India

RESEARCH GRANTS

<table>
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<tr>
<th>Title</th>
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<th>Duration</th>
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<tr>
<td>An Experimental Study on the Formation of Slurry during Solidification of a Metal Analogous Transparent Solution (NH₄Cl + H₂O) in Presence of Shear Flow</td>
<td>DST under Fast Track Scheme (Rs.14.64 lacs)</td>
<td>2012-2015</td>
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SWARNENDU SEN
Journal Publication:


Conference Publication:


Research Projects (In addition to already included in report):
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<th>Principal Investigator</th>
<th>Acting PI/ Co Investigator</th>
<th>Name of the Research Project</th>
<th>Project Value in Lakh of INR</th>
<th>Funding Agency</th>
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Prasanta Sahoo: Publication data (April 2012 onwards)

**BOOK Chapters**

- Dynamic Methods and Process Advancements in Mechanical, Manufacturing, and Materials Engineering, J P Davim (Ed.) IGI Global, Hershey, USA, 2012
  - Chapter 2: Large Amplitude Forced Vibration Analysis of Stiffened Plates under Harmonic Excitation (pages 25-61), A Mitra, P. Sahoo, K Saha
  - Dynamic Methods and Process Advancements in Mechanical, Manufacturing, and Materials Engineering, J P Davim (Ed.) IGI Global, Hershey, USA, 2012

**RESEARCH Publications**

2013

**Referred Journals**


**Contribution in conference proceedings**


**2012 (since April)**

**Referred Journals**


Contribution in conference proceedings


Tarun Kumar Naskar

Journal Papers:


Conference Papers


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<th>Author’s name</th>
<th>Page no.</th>
<th>Journal name</th>
<th>Volume</th>
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<tbody>
<tr>
<td>Experimental Investigation on the effect of reinforcement particles on</td>
<td>S.Das, R.Behera, A.Dutta, Gautam Majumdar, B.Oraon, G.Sutradhar</td>
<td>310-316</td>
<td>Materials science and application</td>
<td>November 2010</td>
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<td>the forgeability and the mechanical properties of aluminum metal matrix</td>
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<td>composition</td>
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<td>An Experimental</td>
<td>Sujit Das, R.Behera, A.Dutta, Gautam Majumdar, B.Oraon, G.Sutradhar</td>
<td>1-10</td>
<td>International journal of scientific &amp; engineering and research</td>
<td>Volume 2 Issue 7, July-2011</td>
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<td>Investigation on the machinability of powder formed silicon carbide</td>
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<td>particle reinforced aluminum metal matrix composition</td>
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<td>Performance measurement of the distribution centre combining</td>
<td>P.S Chakraborty, Gautam Majumdar, B.Sarkar</td>
<td>117-128</td>
<td>Advances in Production Engineering &amp; Management</td>
<td>Volume 6 Issue 2, 2011</td>
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<td>data envelopment analysis and analytic hierarchy process</td>
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<td>Prediction of electroless Ni-Co-P coating using response surface</td>
<td>T.Banerjee, R.S.Sen, B.Oraon, Gautam Majumdar</td>
<td></td>
<td>International journal of advance manufacturing technology</td>
<td>4 April 2012</td>
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<td>method</td>
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<td>quality productivity optimization in machining operation: a case study</td>
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<td>Appraisal and selection of third party logistics service providers in</td>
<td>Saurav Dutta, Chitrashes Samanta, Siba Sankar, Gautam Mandal and Gautam</td>
<td>537-548</td>
<td>Benchmarking an international journal</td>
<td>Volume 20 Number 4, 2013</td>
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<td>fuzzy environment</td>
<td>Majumdar</td>
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<td>roughness and application of</td>
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<td>engineering and technology</td>
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<td>response surface methodology to develop a mathematical model</td>
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</tr>
</tbody>
</table>

Page 345
AVIJIT MUKHERJEE

Paper publication in international journal:


Paper publication in the proceedings of seminar/conference etc.:


Refresher courses

3. “Work Shop on Quartz Crystal Microbalance (QCM) and Surface Acoustic Wave (SAW) Sensors”, IEE, Jadavpur University, Salt Lake Campus, 13-14 May, 2013.

Participation as delegate

5. Evening Lecture on “Meeting the Growing Clean Energy Needs of India – A New Paradigm for Prosperity”, Prof. (Dr.) Bikash Sinha, The Palladian Lounge, BCCI, Kolkata, 18th Feb., 2013.
APPOINTED AS “LABORATORY-IN-CHARGE”, M/C-TOOLS LABORATORY, MECHANICAL ENGINEERING DEPARTMENT ON 22.12.2012 FOR A PERIOD OF TWO YEARS.

Prakash Chandra Roy

International Journal papers (1st April 2012 to 31st March 2013)


International Conference proceedings papers


A. Session chaired / Co Chaired

Session co-chaired for the session “ENERGY SYSTEM MODELLING” in International Conference on Energy Resources and Technologies for Sustainable Development (ICERTSD-2013) on February 2013 at Bengal Engineering & Science University, Shibpur, Howrah, West Bengal, INDIA

B. Seminar / Workshop / Conference / Symposium attended:

Attended International Conference on Energy Resources and Technologies for Sustainable Development (ICERTSD-2013) on February 2013 at Bengal Engineering & Science University, Shibpur, Howrah, West Bengal, INDIA

Book Published


Dipak Laha

Publications

Journals:

Conferences:

RANA SAHA

[E] Publications

[F] Projects

<table>
<thead>
<tr>
<th>Sl No</th>
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<td>2012-2015</td>
<td>Rs 43.91 lakh</td>
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<td>3</td>
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<td>HAL, Lucknow</td>
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<td>2012-13</td>
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<td>5</td>
<td>Aeronautics R&amp;D Board, New Delhi</td>
<td>High-Frequency Real Time Tracking Control for Linear Servo Actuation System/PI (with Dipankar Sanyal)</td>
<td>2012-2014</td>
<td>Rs 20.45 lakh</td>
</tr>
</tbody>
</table>

Nirmal K. Manna

List of Publications

Journals:


Conferences:

a) Papers


b) Poster


Sudip Simlandi

Journals


Conferences

Page 349

**Activities of Teachers during 2011-12**

4. A. Books/ Monographs etc. published:

   **Prof. Sadhan K Ghosh**

   Edited Volume Published.
   2. Total Quality Management in industries.

   **Monographs Published.**
   1. Green Manufacturing in India and UK SMEs, UKIERI Project

   **Prof. Samir Kumar Saha**


   **Prof. Gautam Sutradhar**

   **Book Published**
   

   **Editor**
   1. Editing a Quarterly News Letter “Foundry Sambad” Published from The Institute of Indian Foundrymen in Bengali Version to educate the grass route people of Foundries.
   2. Journal of Modeling and Simulation in Design and Manufacturing, Tribhuban Publications, Bhopal

   **Prof Sujit Ghosal**

   **Book Published**
   1. Name of the book : HOTEL ENGINEERING; Oxford University Press, New Delhi, Year of publication 2011.

   **Prof Achintya Mukhopadhyay**


   **Prof Sudipta De**


   **Prof. Prasanta Sahoo**


Dr Prakash Chandra Roy

Book Published

B. Articles published in Journals/ Conferences: (Name of the teacher, name of the Article, Name of the Journal/ proceedings, Date of the publication, Volume)

Prof Sadhan K Ghosh


Professor Simul Banerjee

Journal Paper


Conference Paper


Peer Review

- Machining Science and Technology, Taylor & Francis, 2011
- Materials and Manufacturing Process, Taylor & Francis, 2011 (2 numbers)

Prof. Simul Banerjee

Publications


Prof. Sankar Dhar


Prof. Samir Kumar Saha


Prof. Dipankar Sanyal


Prof. Gautam Sutradhar


3. T.Nandi, R. Behera, K. Majumdar & G.Sutradhar "Investigation on the solidification behavior of aluminium alloy casting by using computer aided simulationsoftware". (Accepted in Metal Casting Technology, an International journal, Australia).


Prof. Gautam Pohit


Asish Bandyopadhyay


Sujit Ghosal


Prof. Swarnendu Sen


Prof. Achintya Mukhopadhyay


Prof. Prasanta Sahoo

Referred Journals


Conference proceedings


Prof. Buddhadeb Oraon

Predicting electroless Ni-Co-P coating using Response Surface Method, B. Oraon, International Journal of Advanced Manufacturing Technology, Date of Publication: 04.04.2012, Volume : Accepted (Volume No. not assigned till date).

Prof. Sudipta De


Prof. Pradip Kumar Pal

1. Ramesh Rudrapati, Pradip kumar Pal and Asish Bandyopadhyay “Multi-objective optimization in traverse cut cylindrical grinding process”, Published in the international journal: Advanced Materials, Manufacturing & Characterization, Volume 3, Issue 1, 2013, pp. 335 – 33


Page 359


17. Pal, Pradip Kumar; Ghosh, Nabendu; Ghosh, Prabir Kumar and Jaiswal, Nawnit: “Surface roughness in traverse cut cylindrical grinding of phosphor bronze – some experiments and analyses”, Abstract accepted and included in the Book of Abstracts, 4th International & 25th All India Manufacturing Technology Design and Research Conference (AIMTDR 2012) pp.565


21. Ramesh Rudrapati, Pradip Kumar Pal and Asish Bandyopadhyay. “Multi-objective optimization of traverse cut cylindrical grinding process using factorial design and desirability function approach”, International Conference on Mechanical Engineering (ICME-2013), Bangladesh University of Engineering and Technology (BUET), Dhaka, Bangladesh (Communicated)


Dr Tarun Kumar Naskar


Dr. Snehamoy Majumder


Dr Dipak Laha


Journals:


Conferences:


Dr Arghya Nandi

1. Vibration attenuation by a combination of a piezoelectric stack and a permanent magnet, A Nandi, S Neogy, S Bhaduri, H Irretier, Publication date 2012/1/1 Journal name : Shock and Vibration, Volume 19 Issue 4, Pages 719-734, Publisher IOS Press.

Dr. Sanjib Kumar acharyya


Dr. Himadri Chattopadhyay


Conferences


Name of the Teachers: Dr. Himadri Chattopadhyay


**Conferences**


3. Bit, A., Chattopadhyaq, H., Non-newtonian flows in stenosed channel, accepted for Indian Science Congress, 3-7 January 2013

4. Nandi, T., Chattopadhyay, H, Development of flow and thermal field in wavy microchannels under inlet pulsations, accepted for Indian Science Congress, 3-7 January 2013

5. Simlandi, S., Barman, N. and Chattopadhyay, H, Rheological Behaviour of Semisolid Alloy Slurry – an Overview, accepted for Indian Foundry Congress 27-29 January, 2013, Kolkata

Dr Prabir Kumar De

Consultancy: Fluid Transient and Noise Generation due to Valve-Slamming at Bokaro Steel Plant – Rs. 1,50,000/- (January, 2011 – May, 2011)

Dr. Nirmal Kumar Manna


b) Poster


Dr. Rana Saha


Dr B. Kundu


Sudip Simlandi

Journals Papers:


Conference Papers:


Prakash Chandra Roy


International Journal papers


International Conference proceedings papers


A. Session chaired / Co Chaired : (Name of the teacher, Type of participation, name of the Seminar/ Conference etc., Place, Duration).

- Session co-chaired for the session “ENERGY SYSTEM MODELLING” in International Conference on Energy Resources and Technologies for Sustainable Development (ICERTSD-2013) on February 2013 at Bengal Engineering & Science University, Shibpur, Howrah, West Bengal, INDIA
B. Seminar / Workshop / Conference / Symposium attended:

- Attended International Conference on Energy Resources and Technologies for Sustainable Development (ICERTSD-2013) on February 2013 at Bengal Engineering & Science University, Shibpur, Howrah, West Bengal, INDIA

Book Published


Dr. Koushik Ghosh

Publications

Journals


Conferences:

a) Papers


b) Poster

1. Aayush Sharma, Pallab S. Mahapatra Souvick Chatterjee, Nirmal K. Manna, Koushik Ghosh and Achintya Mukhopadhyay, Dynamic Analysis of Natural Convection in Grooved Channel, Perspectives in Nonlinear

**SUDIP SIMLANDI**

**Publications**

**Journals**


**Conferences**


**SAIKAT MOOKHERJEE**

**Publications**

3. N. P. Mandal, R. Saha, S. Mookherjee and D. Sanyal, 2013, Pressure compensator design for an axial piston pump, *Trans. ASME Dynamic Systems Measurements Controls*, Accepted for publication (manuscript no. DS-12-1356.)

**Prof Sadhan K Ghosh**

1. **Distinguished Visiting Fellow awarded by Royal Academy**: Invitation received for consent as Distinguished Visiting Fellow awarded by Royal Academy of Engineering, UK for working on “Energy Recovery from Municipal Wastes” in UK in 2012.
5. Member of Indian Delegation in Kuala Lumpur for ISO TC 61 meeting in September 2011.
6. Reviewer and Editor: Reviewer and Editor of a number of International Journals.
7. Member, Syllabus Committee of Mechanical Engineering, West Bengal Public Service Commission.

Prof Sujit Ghosal
A few important industrial projects undertaken are as follows.

i. Carried out consultancy work related to KMC sewerage and storm water pumping system
ii. Carried out consultancy work related to design optimization of tea dryers for M/s Kilburn Engg. Ltd.
iii. Done design vetting for stability of crane for use in railbridge over Hoogly river at Naihati
iv. Designed and developed test rigs for hydraulic characterization of DI pipe manufactured by M/s Tata Metaliks at their premises at Kharagpur
v. Designed and developed test rigs for hydraulic characterization of DI pipe manufactured by M/s Balaji Industries at their premises at Durgapur
vi. Designed support system for underground GRP sewerage pipe for M/s Angerlehner, Hoch-und Tiefbau Gesellschaft mbH, Germany
vii. Designed and developed high pressure high temperature pneumatic test facility for aircraft components being installed at Air India premises, Kolkata

Prof Samir Kumar Saha

a) Interviews taken as experts

1. Expert for Faculty Section on 22.06.11 at VSS University of Technology, Odisha.
2. Expert Faculty Selection on 2nd July, 2011 at NIT, Aziwal, Mizoram.
5. Nominated Chairpersons of various Assessment Committees of National Council of Science Museums, GOI.

b) Member of National Level Committees / Other Important Assignments:

1. Member, Engineering Accreditation Evaluation Committee of NBA, AICTE, GOI for 2 years from June 2011. Attended 7 meetings and cleared evaluation of 200 Engineering Colleges.
3. Executive Committee Member of Central Research & Training Laboratory, NCSM, Govt. of India for 2 years from January, 2012.
4. Governing Body Member of MCKVIE, a reputed Pvt. Engg. College for last 10 years.
5. Member, Board of Studies & Ph.D. Committee of Mechanical Engg. of West Bengal University of Technology. Actively involved in syllabus making and Ph.D. examination till date.
6. Member, Syllabus Committee of Mechanical Engineering, West Bengal Public Service Commission.
8. Member, Ph.D. Research Committee of Adult, Continuing Education and Extension Deprt., JU.
9. Convenor, Safety Committee Member of BARC/DAE projects in the Mechanical Engg. Deptt., J.U. (Project worth Rs.3 Crores).

10. Member, Appeleate Committee, West Bengal Pollution Control Board for two years from March, 2012.

c) Reviewer of Papers:

1. Reviewer of papers for the Journal of the Institution of Engineers, India.

Prof Asish Bandyopadhyay

1. One PG student under the supervision of Asish Bandyopadhyay, has been sanctioned an amount of Rs 50,000/- for his PG thesis work by IE(I).

Prof Swarnendu Sen

1. DAAD Research Stay, worked on “Identification of Flame Transfer Functions in Pulse Combustors” at Lehrstuhl fur Thermodynamik, Technical University, Munich during 4th July – 31st August, 2011

Prof Achintya Mukhopadhyay

1. Alexander von Humboldt Fellowship for Experienced Researchers, worked at Lehrstuhl fur Thermodynamik, Technical University, Munich from 1st May – 31st July, 2011

Prasanta Sahoo

BOOK Chapters


Dynamic Methods and Process Advancements in Mechanical, Manufacturing, and Materials Engineering, J P Davim (Ed.) IGI Global, Hershey, USA, 2012

Chapter 2: Large Amplitude Forced Vibration Analysis of Stiffened Plates under Harmonic Excitation (pages 25-61), A Mitra, P. Sahoo, K Saha

Dynamic Methods and Process Advancements in Mechanical, Manufacturing, and Materials Engineering, J P Davim (Ed.) IGI Global, Hershey, USA, 2012


**RESEARCH Publications** (most recent first)

**2013**

**Refereed Journals**


**Contribution in conference proceedings**


2012 (since April)

Referred Journals


Contribution in conference proceedings


**Peer Reviewer Invitation**

- Invited in 2011-12 as peer reviewer in the following international journals:
  - Journal of Physics D: Applied Physics (IOP)
  - Nanotechnology (IOP)
  - Materials & Design (Elsevier)
  - International Journal of Materials, Manufacturing and Mechanical Engineering (IGI Global)
  - Journal of Adhesion Science and Technology (Elsevier)
  - International Journal of Science and Technology Education Research (Academic Journals)
  - International Journal of Computer Applications in Technology (Inderscience)
    - Journal of Vibration and Control (Sage)
    - Material Science and Engineering A (Elsevier)
  - International Journal of Solids and Structures (Elsevier)
  - Industrial & Engineering Chemistry Research (ACS Publications)
  - Journal of Mechanical Science and Technology (Springer)
  - International Journal of Surface Engineering and Interdisciplinary Materials Science (IGI Global)
  - Applied Materials & Interfaces (ACS Publications)
  - ISRN Tribology (Hindawi)
  - Indian Journal of Engineering & Materials Science (NISCAIR)

**Editorial Contribution**

- Appointed editorial board member in International Journal of Surface Engineering and Interdisciplinary Materials Science (IGI Global, USA)
- Appointed editorial board member in ISRN Tribology (Hindawi, USA)

**Sudipta De**

1. Visited **Lund University Sweden and University of Stavanger, Norway** as Invited Professor during May-June 2011.
2. Member of UGC Expert Panel for assessment of University/Institute.
2. Regular reviewer of many reputed international journals.

Dipak Laha
1. Prof. J. N. D. Gupta, College of Business Administration, University of Alabama
<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Title of Project/Facilities</th>
<th>Funding and Collaborated Agency</th>
<th>Period</th>
<th>Amount (Lakh)</th>
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<tr>
<td>1</td>
<td>Study on Friction stir welding of aluminium alloy to zinc coated steel sheet</td>
<td>CSIR, New Delhi</td>
<td>2011-2013</td>
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<td>3</td>
<td>Investigation of Lubricating Properties of Automotive Oil &amp; Grease with Addition of CNT &amp; Metal Oxide</td>
<td>Balmer Lawrie &amp; Co. Ltd</td>
<td>2007 – till date</td>
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<td>4</td>
<td>Financial assistance for PG Teaching Program in Nanoscience &amp; Technology</td>
<td>DST- Nano Mission</td>
<td>2008 – till date</td>
<td>400</td>
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<td>5</td>
<td>Prepared Burden (Steel Nugget) for Solid State Reduction and subsequent Melting in EF as an Alternative Route for Steel Making</td>
<td>RINL</td>
<td>2009 – till date</td>
<td>16</td>
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<td>6</td>
<td>Scientific Collaboration to jointly … simulated nuclear reactor environment</td>
<td>BARC, Mumbai</td>
<td>2008-till date</td>
<td>98.524</td>
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<td>7</td>
<td>Investigation on the electron field emission from doped and functionalised carbon nano tubes.</td>
<td>UGC-MRP</td>
<td>(2010 – till date)</td>
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<td>8</td>
<td>Low Cycle fatigue, Ratcheting and their interaction in two automotive grade sheet steel</td>
<td>TATA Steel Ltd</td>
<td>2009-2012</td>
<td>14.95</td>
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<td>9</td>
<td>Investigation of deformation and damage mechanism in bare and coated automotive steels through insitu scanning electron microscopy</td>
<td>Ministry of steel and TATA Steel Ltd</td>
<td>2010 – till date</td>
<td>363.30</td>
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<td>10</td>
<td>Identification of damage initiation mechanisms in advanced high strength steels (AHSS) using in-situ tensile testing under scanning electron microscope</td>
<td>TATA Steel Ltd</td>
<td>2012 – till date</td>
<td>20</td>
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<tr>
<td>11</td>
<td>Identification of key crystallographic factors responsible for damage initiation and progression in Advanced High Strength Steels (AHSS) using ex-situ 2-dimensional (2D) Electron Back Scattered Diffraction (EBSD) analysis’</td>
<td>TATA Steel Ltd</td>
<td>2012 – till date</td>
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<td>12</td>
<td>Processing of Titanium bearing magnetite for the recovery of Metal values</td>
<td>Ministry of Steel SDF</td>
<td>2010-till date</td>
<td>69.6 lacs</td>
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<td>14</td>
<td>UGC Modernisation XI th Plan INSTRON for Fatigue Testing</td>
<td>UGC – New Delhi</td>
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15. Mechanical Testing for Materials & Composites | TEQIP- New Delhi | ~ 10.0
16. Design Development for Rural Metals (Minor Project) | UGC –New Delhi | ~ 1.0
17. Energy Conservation through Archaeological Practices | DST- PURSE New Delhi on | 3.5
18. Modernization of X-ray and Metal Physics | AICTE New Delhi | 8.0
19. Modernization of Thermal Analysis Lab | AICTE | 2006-09 | 15
22. Development of coated electrode introducing nano-particles for welding/repair welding of Austempered Ductile iron | DST, New Delhi | 2013-2016 | 24.91
23. Development of suitable gas metal arc welding (GMAW) procedure for high performance weld joints of modified ferritic stainless steel and low-nickel austenitic stainless steel | Ministry of Steel and Titagarh wagons Ltd. | 2012-2015 | 79.86
24. Develop procedure for friction Stir Spot Welding (FSSW) of formable quality, high strength and advance high strength Steel sheets | Ministry of Steel and TATA STEEL | 2008-2011 | 208.86
25. Fatigue behaviour of Spot-welded, Laser-welded and adhesive bonded high strength steel sheet joints | Ministry of steel and TATA STEEL | 2007-2010 | 173.02
26. Development of Mig-Brazing Technique of Coated Steel and Hybrid Joint | TATA STEEL, Jamshedpur | 2007-2010 | 23.9
27. Study on Corrosion Fatigue behaviour of high strength steel Weldments in 3.5% NaCl solution with and without cathodic potential | Naval Research Board | 2007-2010 | 28.56
28. Hydrogen Coreduction of Metal Oxides | DST-PURSE | 2009 onwards | . 4

PUBLICATIONS
1. Age hardening characteristics of Cast Al-Mg-Si Alloy, by Arunava Sengupta, Soumen Hazra and P K Mitra, Indian Foundry Journal, Accepted for publication in Steel Tech,ol. 54, No.1, 2008.


8. Dr P K Mitra, Jayanta Kumar Saha, Dr S. Paul & Dr DDN Singh, Correlation of Atmospheric Corrosion of Uncoated Steels between Field Exposure Test and Laboratory Tests”, Corrosion, Vol. 67, 2011,


19. Development and Characterization of Electrodeposited Ni-Co and Ni-Co-Fe Alloy on Al Electrodes Materials for Methyl Alcohol Fuel cell, Subir Paul and Sk Naimuddin, Material Engineering and Performance, accepted for publication,2013


26. Passivation , Repassivation and Metastable pitting Of Bare and Surface Treated 316L stainless implant in Hank Solution, S Paul, N Prasad Journal of Corrosion Science and Engineering, online journal ISSN 1466-8858 Vol 12, 2009
27. DEVELOPMENT OF HIGH ENERGETIC NANOPOROUS ELECTRODE BY CONTROLLED ANODIZATION OF ALUMINUM, Subir Paul and Rakib Baidya, Research and Reviews in Electrochemistry, 2013, vol.4, No.1, pp1-6
31. Passivation, Repassivation and Metastable pitting Of Bare and Surface Treated 316L stainless implant in Hank Solution, S Paul, N Prasad Journal of Corrosion Science and Engineering, online journal ISSN 1466-8858 Vol 12, 2009
35. Role of Cr2O3 on the formation of reaction sintered dense ZrO2-Al2O3-SiO2 based refractory material, Cand. Met. Qtr. J. (accepted), 2013.

52. Synthesis and Characterization of different structured ZnO nanomaterials through Polyethelene Glycol along with antibacterial activity study by direct attachment to the E.Coli Dh 5 and saureus 52. Microbial leaching of Chromite overburden from Sukinda Mines Orissa, S.Biswas,S.Samanta,R.Dey,S.Mukherjee, International Journal of Materials, Metallurgy & Materials, Accepted in 2012.


64. Controlling the surface topology and hence the hydrophobicity of amorphous carbon thin films Banerjee,D.,Mukherjee,S.Chattopadhyay,K.K.Carbon, 48, 4, 2010, 1025 – 1031


71. Processing & Properties of Eu⁺³ doped barium bismuth titanate glass-ceramicnanocomposites, A.Molla,B.N.Karmakar,S.Mukherjee, JACS,Accepted in 2013.


Chakraborty, Manoj Kumar Mitra, Mahua Ghosh Chaudhuri, Biswanath sa, Satadal Das, Rajib Dey, Applied Biochem Biotechnol DOI 10 1007/s12010-012-9916-0, Received 29/5/12, Accepted 3/10/12, Published Online 18/10/12

99. “Quantification of Valuable Metals from E-waste” U Agarwal, M Ghosh Chaudhuri, S Samanta, S Mukherjee, R Dey, Indian Science Cruiser, Volume 27, Number 1, January 2013


122. The role of apparent contact pressure in the sliding wear of polycrystalline alumina in conformal contacts, R. S. Roy, A. Chanda, D. Basu, M. K. Mitra, Inter Ceram, 2008, 57(6), pp 1-4


Energy transfer from polyaniline to chlorophyll a supramolecular assembly in nano-hybrid, J.S.Manna, D.Das, M.K.Mitra, Jl Phys Chem C, 2013, Accepted for publication, DOI: 10.1021/jp4014288, pub date (web) 18 Apr


A.K.Pramanick, etal, ‘ Pipeline integrity and coated steel ‘ Volume 25 Number January 2011 Indian Science Cruiser

P.K.Datta-Aesthetics of Dhokra Castings (Dhokra Silper Charukala) (2012), Lokashruti (J. of Folk and Tribal Art & Culture Centre, Govt. of West Bengal


Ancient High-Tin Bronze Excavated in Lower Bengal Region of Tilpi "Indian Journal of History of Science, Indian National Science Academy, New Delhi, 2008, 43.3 pp 381 - 410.


Monographs
Prof. P.K. Datta:

<table>
<thead>
<tr>
<th>Title</th>
<th>Publisher</th>
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<tr>
<td>1 Early history of Dhokra craft Anthology on Folk Art,</td>
<td>Lokashurti, Folk &amp; Tribal Art and Culture Centre, Govt. of W.</td>
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<td></td>
<td>Bengal, pp 81-89</td>
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<td>2 Punched Marked Coins of Bengal: Archaeo- metallurgical Studies</td>
<td>Centre for Archaeology and Heritage Research (CAHR),</td>
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<td>Selected Essays On History and</td>
<td>Dhaka, Bangladesh,</td>
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<td>3 Development of Clay Molded Investment castings</td>
<td>Indian Institute of Foundry men, R&amp;D Centre</td>
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<tr>
<td>4 Semiotics of Tribal Casting</td>
<td>M.HRD</td>
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<tr>
<td>5 Tribal Metal Casting</td>
<td>M.HRD</td>
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<td>6 Blast Furnace Iron Making In India</td>
<td>Met. Egg, Jadavpur University</td>
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<td>7 Value Addition to Rural Metal Articles</td>
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B. Video Films (Telecast through Door Darshan Kendra, Govt. Of India)

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<tr>
<td>VIDYASAGAR SETU</td>
<td>UGC, EMRC, Kolkata</td>
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<td>Dhokra Charukalayey Meyera (Women Tribal Casters).</td>
<td>Dept. of Culture, M.H.R.D., Govt. of India</td>
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<tr>
<td>Dhokra Silper Sandhane Bankurayey. (Tribal Castings of Bankura).</td>
<td>Dept. of Culture, M.H.R.D., Govt. of India</td>
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<tr>
<td>The Structure of Steel Ode to the Woodcutter (Kathuriar Chhuti)</td>
<td>U.G.C. Countrywide class room programme, EMRC, Kolkata, Dept of Environment</td>
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<td>&amp; Forests, GOI</td>
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Chapter in Books

Edited Books

Prof. P.K. Mitra:

- Proceedings of the National Seminar on Problems & Prospects of Strategic Metal Development in India, 23 – 24 March, 1995, Department of Metallurgical Engineering, JU, Kolkata
- Proceedings of One day Seminar on “Advances in Corrosion Science and Technology”, March 2006, Department of Metallurgical & Materials Engineering, JU
- Proceedings of International Conference on Recent Trends in Nanoscience & Technology, 7-9 December, 2006, Kolkata.

Books with ISBN with details of publishers:

- Recent Trends in Nanoscience & Technology’ IIF publication, 2011. ISBN No.: 978-81-910429-0-0

Prof. S. Mukherjee:

- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Sciences Directory, EBSCO host, etc.):

In Scopus:

11(Dr. R. Dey), 11 (Prof. D. Ghosh), 42(Prof. M.K. Mitra), 54(Prof. G.C. Das), 54(Prof. S. Mukherjee), 25(Prof. T.K. Pal), 14(Prof. P. Chakraborti), 12(Prof. S. Paul), 03(Prof. P. K. Datta), 05(Prof. P. K. Mitra), 03(Dr. S. Banerjee), 01(Prof. A.K. Pramanik)
PH.D SUPERVISION

Prof. P.K.Mitra

1. To study the effect of alloying elements and austempering parameters on corrosion behavior of austempered ductile iron (ADI), Debi Prasad Chattopadhyay
2. ‘Biocompatibility and drug release studies on doubly coated implant material with Bio-ceramics and Antibiotic-loaded Bio-polymer’, Priyanka Maji in progress
3. ‘Effect of Calcium Phosphorus Ratio on Biocompatibility of a few biocompatible implant alloys’, Sreeparna Ghosh in progress
4. ‘Studies on Strength and biocompatibility properties of a few hydroxyapatite coated alloys’ by Shampa Dhar – to be submitted in June 2013
5. Studies on correlation of the effect of Marine & Industrial Environment on ‘Corrosion rate of structural steel’ by Jayanta Kumar Saha – Awarded PhD degree in 2011

Prof. G.C. Das:-

PROJECTS & RESEARCH UNDERTAKEN / SUPERVISED

A. RESEARCH GUIDANCE

(a) Doctoral level completed:

<table>
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<tr>
<td>1</td>
<td>Deposition of Si–C–N nanocomposite hard coatings by magnetron sputtering, by A.S.BHATTACHARYA</td>
<td>2009</td>
</tr>
<tr>
<td>2</td>
<td>Study of structure and property relationship in thermal barrier coating systems, by S.DAS</td>
<td>2009</td>
</tr>
<tr>
<td>3</td>
<td>Preparation and characterization of silica-silicon nitride-silicon carbide nanocomposites through sol-gel route, by M.GHOSH CHAUDHURI</td>
<td>2010</td>
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(b) Ph.D submitted:

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<tbody>
<tr>
<td>1</td>
<td>Role of some transitional metal oxides on the micro structure and mechanical behavior of reaction sintered zirconium Mullite containing composite, by D.CHANDA</td>
<td>2006</td>
</tr>
<tr>
<td>2</td>
<td>Synthesis of nanostructured materials by incorporating Chlorophyll as bio-molecule, by J.S.MANNA</td>
<td>2007</td>
</tr>
<tr>
<td>3</td>
<td>Study of the effect of modification of slag composition and covering compound on the corrosion of the tundish working lining, by A.R.PAL</td>
<td>2008</td>
</tr>
<tr>
<td>4</td>
<td>Electrical and spectroscopic studies on some II/IV semiconductor thin film nanostructure, by N.S.DAS</td>
<td>2008</td>
</tr>
<tr>
<td>5</td>
<td>Studies on dislocation dynamics through modeling and computer simulation, by A.DUTTA</td>
<td>2008</td>
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<tr>
<td>6</td>
<td>Studies on the reaction kinetics of spinel formation in alumina-magnesia-carbon based composite refractory system in relation to its effects on thermal expansion properties, by S.MUKHOPADHYAY</td>
<td>2008</td>
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(c) Ongoing registered PhD supervision:

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<tr>
<td>1</td>
<td>Studies on the synthesis and characterization of silica-WC-alumina metal nanocomposites by sol-gel method, by A.DALAPATI</td>
<td>2008</td>
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<td>2</td>
<td>Investigation on the synthetic aspect and physical properties of some oxide materials, by K.BHATTACHATJEE</td>
<td>2009</td>
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<td>3</td>
<td>Investigation of multiferroicity in bulk and nanoscale BiFeO₃, by S.GOSWAMI</td>
<td>2011</td>
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### Dr. D. S. Kothari Post doctoral supervision:

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<th>SERIAL NO</th>
<th>POST DOCTORIAL DISSERTATION TITLE</th>
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<tr>
<td>1</td>
<td>Investigation of Plasmon-Exciton interactions in metal-semiconductor (II-VI) nanostructures, by BISWAJIT MONDAL</td>
<td>2013</td>
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### Prof. P.K.Datta:
- Gating Design of Investment Castings
- Optimization of Rotary Kilns in Durgapur
- Casting Characteristics of Ancient Bengal
- Development of wrought irons in Bengal
- Ancient and Present Metal Processing Techniques & Characteristics
- Characterization of Die forged steels
- Failure Analysis of Anchor Bolts
- Optimization of Production Control in Environment-friendly Foundry Production
- Compatibility of Ancient Metal Castings with Present Castings in Hot Molds
- Metal Processing Technology of High Tin Bronzes in Pre-modern Bengal
- Gating Design of Investment Casting System Etc.

### Prof. T.K.Pal:

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<th>Sl No.</th>
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<td>1</td>
<td>Friction Stir Welding of 6061 aluminium alloy to coated steel sheet lap joint by Hrishikesh Das</td>
<td>Ongoing</td>
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<td>2</td>
<td>Development of suitable GMAW procedure for high performance weld joints of Modified ferritic and Low nickel austenitic stainless steel by Manindpto mukherjee</td>
<td>Ongoing</td>
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<td>3</td>
<td>Transient liquid phase diffusion bonding of aluminium based metal matrix composites by Pallab Roy</td>
<td>Ongoing</td>
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<td>4</td>
<td>Fatigue behavior analysis of spot welded and weld bonded high strength and advanced high strength steel sheet joints by Pritish Banerjee</td>
<td>Ongoing</td>
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<td>5</td>
<td>Development of friction stir spot welding process for automotive grade steel sheets to form welds of formable quality, characterization of welds and analysis of FSSW process for steels by Rajarshi Sarkar</td>
<td>Ongoing</td>
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<td>6</td>
<td>Development and characterizations of weld metal for improved performance of armour steel plate joint by Ajit Pramanick.</td>
<td>Ongoing</td>
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<td>7</td>
<td>Development of MIG- Brazing Technique for Automotive Coated Steel and Hybrid Joints by Sushovan Basak.</td>
<td>Ongoing</td>
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<td>8</td>
<td>Evaluation of mechanical properties of Nano/ultra-fine grained material and welded components by different minimally invasive techniques by Mousumi Das.</td>
<td>Submitted in 2012</td>
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<td>9</td>
<td>Study on low cement alumina spinal castable by Saumen Sinha</td>
<td>Completed in 2011</td>
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<td>10</td>
<td>Hydrogen Management in Gas Metal Arc welded High strength low alloy steel by Jana Bhattacharya</td>
<td>Completed in 2009</td>
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<td>11</td>
<td>Joining of aluminum based Metal Matrix Composite by transient liquid Phase Diffusion bonding technique by Joydeep Maiti</td>
<td>Completed in 2009</td>
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<td>12</td>
<td>Study on resistance spot weldability of coated steel sheets by Gopa Banerjee</td>
<td>Completed in 2008</td>
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</table>

### PROJECTS SUPERVISION Ph.D. (Continuing)

(Continuing)  
(Continuing)  
(Continuing)

1. Characterization of tearing resistance of automotive grade sheet steels ----SAYAN KALYAN CHANDRA
EXTENSION ACTIVITIES BY FACULTY

Prof. S. Mukherjee:
* Actively involved with Indian Institute of Metals, Institute of Ceramics, MRSI etc.
* Institute of Indian Foundrymen, Indian Ceramics Society

Prof. P. K. Datta:
* Worked/Working as a Member in Govt. & Govt. Nominated Bodies
  General Council, Center for Archaeological Studies and Training, Eastern India, Department of Information & Culture, Govt. of West Bengal. 2008 onwards
  * Committee of Experts, Assessment of CONTIFUR (Continuous Induction Furnace), Ministry of Steel, Govt. of India. 2008
  * Panel 21, Ferrous & Industrial Casting, Engineering Export Promotion Council, Eastern India, Ministry of Commerce and Industry, Govt. of India, 2008.
  a. MSE-CDP, Directorate of Micro & Small Scale Industries, Howrah Zilla Parishad, Govt. of West Bengal, 2009 onward
  b. MSE-CDP, Directorate of Micro & Small Scale Industries, Nadia Zilla Parishad, Govt. of West Bengal, 2009 onward
  c. National Board of Accreditation (NBA), All India Council of Technical Education, Govt. of India, 2008 onward
  d. MSME- Cluster Development Program, Durgapur, Brass & Bell Metal Utensils, Kenjakura, Bankura, Ministry of Micro, Small & Medium Industries, Govt. of India, 2008
  f. Expert Committee for “Development of Rolling Mills Cluster” in Howrah Zilla, Govt. of West Bengal, 2011 onward
  g. General Council, Center for Cryogenic Studies and Technologies, Govt. of West Bengal, 2008 Onwards

Dr. R. Dey

<table>
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<tr>
<th>Sl No.</th>
<th>Title of Project</th>
<th>Own Designation</th>
<th>Name of other Investigator</th>
<th>Year of Funding</th>
<th>Duration</th>
<th>Amount Sanctioned</th>
<th>Funding Agency</th>
<th>Status of Project</th>
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<tr>
<td>1.</td>
<td>Capture and Analysis: The Behaviour of Abnormalities of Children with Special Need Through Skill Development Programme</td>
<td>Co-Investigator</td>
<td>Dr. P. S. Bhattachaya</td>
<td>2009</td>
<td>1 year</td>
<td>0.5 Lakhs</td>
<td>UGC</td>
<td>Ongoing</td>
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<td>2.</td>
<td>Prepared Burden (Steel Nugget) for Solid-state Reduction and Subsequent Smelting in Electric Furnaces</td>
<td>Principal Investigator</td>
<td>Prof. M. K. Mitra Prof. S. Mukherjee Prof. G. C. Das</td>
<td>2010</td>
<td>3 years</td>
<td>15.81 Lakhs</td>
<td>RINL</td>
<td>Ongoing</td>
</tr>
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</table>
DEPARTMENT OF PHARMACEUTICAL TECHNOLOGY

Publications

Dr. Pulok Kumar Mukherjee

ICMR Task Force Scheme Ref No – MPU/HD-Monog/21/2004: Development of Quality Standards of Indian Medicinal Plants and Preparation of Monographs there of” by Indian Council of Medical Research (ICMR), New Delhi. Contributed in the monograph on ‘Quality standard of Indian Medicinal Plants’ – Volume 8, 2010, Page 1-367; published by Indian Council of Medical Research (ICMR), New Delhi.

a) Chapter in books:

Dr. Pulok Kumar Mukherjee


Dr. Saikat Dewanjee-


Dr. Kunal Roy


Dr. Biswajit Mukherjee


b) Edited Books:

Dr. Biswajit Mukherjee is Section Editor of Encyclopedia of Metalloproteinase, by Springer, 2013. ISBN No. 978-1-4614-1532-9

c) Books with ISBN with Details of Publishers:

• Dr. K. Kuotsu- Cardian Variation An overview, Nova Science Publisher, Hauppague, NY,2011 with ISBN No. 978-1-61470-010-4


Publications in peer reviewed journal national/ international in the period 2008 to 2013

Dr. Tanmoy Bera

1. One pot synthesis of gold nanoparticles and application in chemotherapy of wild and resistant type visceral leishmaniasis Das, S., Roy, P., Mondal, S., Bera, T., Mukherjee, A. 2013 Colloids and Surfaces B: Biointerfaces 107 , pp. 27-34


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12. Stage specific developmental changes in the mitochondrial and surface membrane associated redox systems of Leishmania donovani promastigote and amastigote Chakraborty, B., Biswas, S., Mondal, S., Bera, T. 2010 *Biochemistry (Moscow)* 75 (4), pp. 494-504


Dr. Biswanath Sa


7. Interpenetrating polymer network matrices of sodium alginate and carrageenan for controlled drug delivery application
Kulkarni, R.V., Barasar, V.V., Setty, C.M., Sa, B. 2011 Fibers and Polymers 12 (3), pp. 352-358


10. Al +3 ion cross-linked and gellan hydrogel network beads for prolonged release of glipizide,Maiti, S., Ranjit, S., Mondol, R., Ray, S., Sa, B. 2011 Carbohydrate Polymers 85 (1), pp. 164-172

11. Studies on the release of ibuprofen from Al 3+ ion cross-linked homopolymeric and interpenetrating network hydrogel beads of carboxymethyl xanthan and sodium alginate Ray, R., Maity, S., Mandal, S., Chatterjee, T.K., Sa, B. 2011 Advances in Polymer Technology 30 (1), pp. 1-11


15. 3 Interpenetrating network hydrogel membranes of sodium alginate and poly(vinyl alcohol) for controlled release of prazosin hydrochloride through skin Kulkarni, R.V., Sreedhar, V., Mutalik, S., Setty, C.M., Sa, B. 2010 International Journal of Biological Macromolecules 47 (4), pp. 520-527

16. Ca2+ ion cross-linked interpenetrating network matrix tablets of polyacrylamide-grafted-sodium alginate and sodium alginate for sustained release of diltiazem hydrochloride Mandal, S., Basu, S.K., Sa, B. 2010 Carbohydrate Polymers 82 (3), pp. 867-873


27. Sustained release of a water-soluble drug from alginate matrix tablets prepared by wet granulation method Mandal, S., Basu, S.K., Sa, B. 2009 AAPS PharmSciTech 10 (4) , pp. 1348-1356
31. Controlled delivery of bovine serum albumin from carboxymethyl xanthan microparticles Xanthan microparticles Sa, B. 2009 Pharmaceutical Development and Technology 14 (2) , pp. 165-172
32. Statistical evaluation of influence of polymers concentration on disintegration time and diazepam release from quick disintegrating rapid release tablet Giri, T.K., Sa, B. 2009 Yakugaku Zasshi 129 (9) , pp. 1069-1075
33. Investigation on processing variables for the preparation of fluconazole-loaded ethyl cellulose microspheres by modified multiple emulsion technique Maiti, S., Dey, P., Kaity, S., Ray, S., Maji, S., Sa, B. 2009 AAPS PharmSciTech 10 (3) , pp. 703-715
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Dr. Tarun Jha

5. Exploration of structural and physicochemical requirements and search of virtual hits for aminopeptidase N inhibitors Halder, A.K., Saha, A., Jha, T. 2013 Molecular Diversity 17 (1) , pp. 123-137

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16. Structural findings of 2-Phenylindole-3-carbaldehyde derivatives for antimitotic activity by FA-sMLR QSAR analysis Halder, A.K., Adhikari, N., Jha, T. 2010 Chemical Biology and Drug Design 75 (2), pp. 204-213

Dr. Lakshmi Kanta Ghosh


Dr. Tapan Kumar Pal


36. Antioxidant and hepatoprotective activity of ascorbic acid against diclofenac induced hepatotoxicity in rats Darbar, S., Bose, A., Chatterjee, N., Roy, B., Chattaraj, T.K., Pal, T.K. 2009 Indian Drugs 46 (8), pp. 35-41


Dr. Tapan Kumar Chatterjee


10. Anti-herpes virus activities of bioactive fraction and isolated pure constituent of Mallotus peltatus: An ethnomedicine from Andaman Islands Bag, P., Chattopadhyay, D., Mukherjee, H., Ojha, D., Mandal, N., Sarkar, M.C., Chatterjee, T., (...), Chakraborti, S. 2012 Virology Journal 9 , art. no. 98
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15. In-vivo antimarial study of PITC2 of Pluchea indica (L.) less against Plasmodium berghei and Plasmodium yoelli model Kundu, A., Sen, D., Chatterjee, T.K. 2010 Pharmacologyonline 3 , pp. 817-823
18. Hepatoprotective and antioxidant effects of stereospermum suaveolens on carbon tetrachloride-induced hepatic damage in rats Balasubramanian, T.B., Chatterjee, T.K. 2010 Journal of Complementary and Integrative Medicine 7 (1) , art. no. 22
23. Diuretic effect of ethanol extract of Stereospermum suaveolens Balasubramanian, T., Pramanick, K., Chatterjee, T.K. Pharmacologyonline 2 , pp. 625-635
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Dr. Biswajit Mukherjee


7. Development of an inhalation chamber and a dry powder inhaler device for administration of pulmonary medication in animal model Sinha, B., Mukherjee, B. 2012 *Drug Development and Industrial Pharmacy* 38 (2) , pp. 171-179


12. Tamoxifen citrate encapsulated sustained release liposomes: Preparation and evaluation of physicochemical properties Layek, B., Mukherjee, B. 2010 *Scientia Pharmaceutica* 78 (3) , pp. 507-515


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3. Indian Medicinal Plants with Hypoglycemic Potential (Chapter ) Mukherjee, P.K., Nema, N.K., Pandit, S., Mukherjee, K. 2013 Bioactive Food as Dietary Interventions for Diabetes


7. Natural matrix metalloproteinase inhibitors: Leads from herbal resources Mukherjee, P.K., Maity, N., Nema, N.K., Sarkar, B.K. 2013 Studies in Natural Products Chemistry 39, pp. 91-113


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27. Anticholinesterase activity of standardized extract of Illicium verum Hook. f. fruits Bhadra, S., Mukherjee, P.K., Kumar, N.S., Bandyopadhyay, A. 2011 *Fitoterapia* 82 (3) , pp. 342-346
28. Metabolism mediated interaction of a-asarone and Acorus calamus with CYP3A4 and CYP2D6 Pandit, S., Mukherjee, P.K., Ponnusankar, S., Venkatesh, M., Srikann, N. 2011 *Fitoterapia* 82 (3) , pp. 369-374
32. Cytochrome P450 inhibitory potential of Triphala - A Rasayana from Ayurveda Ponnusankar, S., Pandit, S., Babu, R., Bandyopadhyay, A., Mukherjee, P.K. 2011 *Journal of Ethnopharmacology* 133 (1) , pp. 120-125
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40. Acetylcholinesterase inhibitory potential of a carbazole alkaloid, mahaniimbine, from Murraya koenigii Kumar, N.S., Mukherjee, P.K., Bhadra, S., Saha, B.P., Pal, B.C. 2010 *Phytotherapy Research* 24 (4) , pp. 629-631
41. Ethnopharmacology and integrative medicine-Let the history tell the future Mukherjee, P.K., Venkatesh, P., Ponnusankar, S. 2010 *Journal of Ayurveda and Integrative Medicine* 1 (2) , pp. 100-109
43. Acetylcholinesterase enzyme inhibitory potential of standardized extract of Trigonella foenum graecum L. and its constituents SatheeshKumar, N., Mukherjee, P.K., Bhadra, S., Saha, B.P. 2010 *Phytomedicine* 17 (3-4) , pp. 292-295
44. Enhancing bioavailability and hepatoprotective activity of andrographolide from Andrographis paniculata, a well-known medicinal food, through its herbsome Maiti, K., Mukherjee, K., Murugan, V., Saha, B.P., Mukherjee, P.K. 2010 *Journal of the Science of Food and Agriculture* 90 (1) , pp. 43-51

47. CNS activity of the methanol extract obtained from the roots of Ocimum sanctum linn Mukherjee, J., Bhaumik, U., Mukherjee, P.K., Saha, B.P. 2009 Pharmacologyonline 2 , pp. 673-685


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16. First report on predictive chemometric modeling, 3D-toxiphore mapping and in silico screening of in vitro basal cytotoxicity of diverse organic chemicals Kar, S., Roy, K. 2013 Toxicology in Vitro 27 (2) , pp. 597-608
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18. QSRR with extended topochemical atom (ETA) indices. 4. Modeling aqueous solubility of drug like molecules and agrochemicals following OECD guidelines Das, R.N., Roy, K. 2013 Structural Chemistry 24 (1) , pp. 303-331
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21. Prediction of hERG potassium channel blocking actions using combination of classification and regression based models: A mixed descriptors approach Kar, S., Roy, K. 2012 Molecular Informatics 31 (11-12) , pp. 879-894
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30. On the use of the metric r m 2 as an effective tool for validation of QSAR models in computational drug design and predictive toxicology Roy, K., Mitra, I. 2012 Mini-Reviews in Medicinal Chemistry 12 (6) , pp. 491-504
34. First report on development of quantitative interspecies structure-carcinogenicity relationship models and exploring discriminatory features for rodent carcinogenicity of diverse organic chemicals using OECD guidelines Kar, S., Roy, K. 2012 Chemosphere 87 (4) , pp. 339-355
37. QSTR with extended topochemical atom (ETA) indices. 15. Development of predictive models for toxicity of organic chemicals against fathead minnow using second-generation ETA indices Roy, K., Das, R.N. 2012 SAR and QSAR in Environmental Research 23 (1-2) , art. no. 645872 , pp. 125-140
38. Comparative QSARs for antimalarial endocinhs: Importance of descriptor-thinning and noise reduction prior to feature selection Ojha, P.K., Roy, K. 2011 Chemometrics and Intelligent Laboratory Systems 109 (2) , pp. 146-161
39. On some novel extended topochemical atom (ETA) parameters for effective encoding of chemical information and modelling of fundamental physicochemical properties Roy, K., Das, R.N. 2011 SAR and QSAR in Environmental Research 22 (5-6) , pp. 451-472
40. Exploring molecular docking and QSAR studies of plasmepsin-II inhibitor di-tertiary amines as potential antimalarial compounds Ojha, P.K., Roy, K. 2011 Molecular Simulation 37 (9) , pp. 779-803
41. On various metrics used for validation of predictive QSAR models with applications in virtual screening and focused library design Roy, K., Mitra, I. 2011 Combinatorial Chemistry and High Throughput Screening 14 (6) , pp. 450-474
42. Further exploring rm 2 metrics for validation of QSRR models Ojha, P.K., Mitra, I., Das, R.N., Roy, K. 2011 Chemometrics and Intelligent Laboratory Systems 107 (1) , pp. 194-205
43. Exploring QSAR, pharmacophore mapping and docking studies and virtual library generation for cycloguanil derivatives as PiDHFR-TS inhibitors Kumar Ojha, P., Roy, K. 2011 Medicinal Chemistry 7 (3) , pp. 173-199
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45. QSRR of antioxidant phenolic compounds using quantum chemical descriptors Mitra, I., Saha, A., Roy, K. 2011 Molecular Simulation 37 (5) , pp. 394-413
48. QSAR of adenosine receptor antagonists: Exploring physicochemical requirements for binding of pyrazolo[4,3-c]-1,2,4-triazolo[1,5-c]-pyrimidine derivatives with human adenosine A3 receptor subtype Pran Kishore, D., Balakumar, C., RaghuRao, A., Roy, P.P., Roy, K. 2011 Bioorganic and Medicinal Chemistry Letters 21 (2) , pp. 818-823
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65. QSAR with quantum topological molecular similarity indices: Toxicity of aromatic aldehydes to Tetrahymena pyriformis Kar, S., Harding, A.P., Roy, K., Popelier, P.L.A. 2010 SAR and QSAR in Environmental Research 21 (1-2), pp. 149-168
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Dr. Subhash Chandra Mandal


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33. Design and performance evaluation of a microwave based low carbon yielding extraction technique for naturally occurring bioactive triterpenoid: Oleanolic acid Mandal, V., Mandal, S.C. 2010 Biochemical Engineering Journal 50 (1-2) , pp. 63-70
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Dr. Pallab Kanti Haldar

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Page 418

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Page 422


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Page 425
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Dr. Amal Kumar Bandyopadhyay

## DEPARTMENT OF POWER ENGINEERING

### List of sponsored projects

#### Amitava Datta

<table>
<thead>
<tr>
<th>Name of the Project/Activity</th>
<th>Sponsor</th>
<th>Worked as</th>
<th>Project Status</th>
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<tbody>
<tr>
<td>Modeling of Spray Combustion in Gas Turbine Combustor considering Thermal Radiation and Soot Formation with Experimental Validation at different Spray Condition and Air Flow Distribution</td>
<td>GATET, GTRE, Got of India</td>
<td>Principal Investigator</td>
<td>On-going</td>
</tr>
<tr>
<td>Modeling and Experimental Validation of Spray Formation by Disintegration of Annular Swirling Liquid Sheets for Design of Advanced Fuel Injectors for Gas Turbine Combustors</td>
<td>GATET, GTRE, Got of India</td>
<td>Co-Investigator</td>
<td>On-going</td>
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<tr>
<td>Design and Characterization of Thermomagnetic Pump for Microfluidic Applications</td>
<td>BRNS, Govt of India</td>
<td>Co-Investigator</td>
<td>Completed</td>
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#### Amitava Gupta

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<tr>
<td>Development of PI(\alpha)D(\beta) Controllers</td>
<td>BRNS(DAE, Govt. of India)</td>
<td>Principal Investigator</td>
<td>Completed</td>
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<tr>
<td>Development of PID Controllers for Networked Control of Process Plants with Packet drop-out and Data Loss</td>
<td>BRNS(DAE, Govt. of India)</td>
<td>Principal Investigator</td>
<td>Ongoing</td>
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#### Ranjan Ganguly

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<th>Project Status</th>
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<tr>
<td>BRNS-Young Scientist Research Award (DAE), “Numerical and experimental investigation of field-induced aggregation of magnetic microspheres for MEMS applications,”</td>
<td>BRNS(DAE, Govt. of India)</td>
<td>Principal Investigator</td>
<td>Completed</td>
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<tr>
<td>BRNS (DAE), “Design and characterization of Thermomagnetic Pump for Microfluidic Applications,”</td>
<td>BRNS(DAE, Govt. of India)</td>
<td>Principal Investigator</td>
<td>Completed</td>
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<tr>
<td>DST (SERC Fast Track projects for Young Scientists), “Lab in a droplet using magnetic microspheres,”</td>
<td>DST, Govt. of India</td>
<td>Principal Investigator</td>
<td>Completed</td>
</tr>
</tbody>
</table>
List of national and international collaborative activities

(a) National level

Amitava Datta

(i) Collaborated with Prof. S. K. Som of the Department of Mechanical Engineering, IIT, Kharagpur from 1998 onwards in the area of combustion modeling, atomization, thermodynamic analysis of reacting systems etc. This collaborative research has led to the joint execution of several sponsored projects from ISRO. The collaboration involved in the writing of a computer code for the simulation of reacting flow, which has since been used both at IIT, Kharagpur and Jadavpur University. An invited paper has also been published on “Thermodynamic Irreversibilities and Exergy Balance in Combustion Processes” in the journal Progress in Energy & Combustion Science.

(ii) Collaborated with Chemistry Division of UGC-DAE Consortium for Scientific Research, Kolkata Centre for research carried out on Carbon Nanoparticles in Flames.

(b) International level

Amitava Datta

Collaborated with the research group of the Technical Thermodynamics, University of Erlangen Nuernberg, Germany, lead by Prof. A. Leipertz, Dr. T. Seeger and Dr. F. Beyrau, from 2001 onwards in the area of study of the structure and dynamics of different laboratory flames with various fuels.

Amitava Gupta

Indo-Tunisian Collaborative Project titled Application of WCAN technology for Networked Control of TE Reactor with Prof. Salem Hasnaoui, ENIT, Tunis

Research Collaboration with Prof. Peter Luksch, VHR, University of Rostock, Germany

LIST OF PUBLICATIONS (01.04.2008 to 31.03.2013)

Journal Publications


44. Saptarshi Das, Indranil Pan, Shantanu Das and Amitava Gupta, Improved Model Reduction and Tuning of Fractional Order PI\(\lambda\)D\(\mu\) Controllers for Analytical Rule Extraction with Genetic Programming, ISA Transactions, 2011, 51 (2), pp. 237-261


52. Suman Saha, Saptarshi Das, Ratna Ghosh, Bhaswati Goswami, R. Balasubramanian, A. K. Chandra, Shantanu Das, Amitava Gupta, Fractional order phase shaper design with Bode’s integral for iso-damped control system, ISA Transactions, 49(2)-196-206, 2010


**Book**


**Book chapter:**


Conference Proceedings / Presentations:


36. Saha, Suman; Das, Saptarshi; Ghosh, Ratna; Goswami, Bhaswati; Gupta, Amitava; Balasubramanian, R.; Chandra, A. K.; Das, Shantanu; Fractional Order Phase Shaper Design with Routh's Criterion for Iso-Damped Control System, Proceedings of Indicon 2009, Dec 18-20, 2009, Ahmedabad,India
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Lists of Research Publications:


Total No of Publications in last five years:(national / international): 141 (as per Scopus database)

1. Peter, J., Doloi, B., Bhattacharyya, B.  
Analysis on the characteristics of Nd: YAG laser marking on alumina ceramic based on RSM  

2. Prakash, S., Achterjee, B., Kuar, A.S., Mitra, S.  
An experimental investigation on Nd:YAG laser microchanneling on polymethyl methacrylate submerged in water  

Grinding wheel abrasive material selection using fuzzy TOPSIS method  

4. Bandyopadhyay, S., Bhattacharya, R.  
Finding optimum neighbor for routing based on multi-criteria, multi-agent and fuzzy approach  

5. Karande, P., Gauri, S.K., Chakraborty, S.  
Applications of utility concept and desirability function for materials selection  

6. Kibria, G., Doloi, B., Bhattacharyya, B.  
Predictive model and process parameters optimization of Nd:YAG laser micro-turning of ceramics  

7. Choudhuri, P.K., Majumdar, P.K., Sarkar, B.  
Studies on tensile properties of eri/acrylic blended yarn  

8. Mandal, N., Doloi, B., Mondal, B.  
Predictive modeling of surface roughness in high speed machining of AISI 4340 steel using yttria stabilized zirconia toughened alumina turning insert  

9. Choudhuri, P.K., Majumdar, P.K., Sarkar, B.  
Thermal behaviour of textiles: A review  

10. Chakraborty, R., Gauri, S.K., Chakraborty, S.  
A study on the multi-response optimisation of EDM processes  

11. Chakraborty, R., Gauri, S.K., Chakraborty, S.  
Optimization of multiple responses of ultrasonic machining (USM) process: A comparative study  

12. Karande, P., Chakraborty, S.  
Using MACBETH method for supplier selection in manufacturing environment  

13. Mukherjee, R., Chakraborty, S.  
Selection of the optimal electrochemical machining process parameters using biogeography-based optimization algorithm  
14. Kibria, G., Doloj, B., Bhattacharyya, B.
Experimental investigation and multi-objective optimization of Nd:YAG laser micro-turning process of alumina ceramic using orthogonal array and grey relational analysis

15. Ghoshal, B., Bhattacharyya, B.
Influence of vibration on micro-tool fabrication by electrochemical machining

16. Bandyopadhyay, S., Bhattacharya, R.
On some aspects of nature-based algorithms to solve multi-objective problems

17. Bandyopadhyay, S., Das, A.
Proposing modified NSGA-II to solve a job sequencing problem

18. Vardhan, A.
Vibrations of a non jeffcott rotor with one non linear bearing

A MOORA based fuzzy multi-criteria decision making approach for supply chain strategy selection

20. Meena, V.K., Azad, M.S., Mitra, S.
Effect of flushing condition on deep hole micro-EDM drilling

21. Mitra, A., Majumdar, A., Majumdar, P.K., Banerjee, D.
Comparative analysis of regression and ann models for predicting drape coefficient of handloom fabrics

22. Singha, M., Sarkar, S., Mitra, S., Kuar, A.S.
Grey-based taguchi method for optimisation of multiple characteristics in electrochemical deburring process

A new soft-computing based framework for project management using game theory

Evaluation of the characteristics of electrochemical deburring process of die steel using response surface methodology

25. Bakshi, T., Sanyal, S.K., Sarkar, B.
A novel game theoretic algorithm for project selection under fuzziness

Optimisation of the correlated responses of EDM process using modified principal component analysis-based utility theory

27. Jain, V.K., Bhattacharyya, B.
Advanced manufacturing processes
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Materials selection using COPRAS and COPRAS-G methods  

29. Selvakumar, G., Sarkar, S., Mitra, S.  
Experimental investigation on die corner accuracy for wire electrical discharge machining of Monel 400 alloy  

Selection of gear material using compromise ranking method  

31. Maity, S.R., Chakraborty, S.  
Turbine blade material selection using fuzzy analytic network process  

32. Athawale, V.M., Chakraborty, S.  
Material selection using multi-criteria decision-making methods: A comparative study  

33. Bag, M., Gauri, S.K., Chakraborty, S.  
An expert system for control chart pattern recognition  

34. Mukherjee, S., Goswami, D., Roy, B.  
Solution of higher-order abel equations by differential transform method  

35. Das, M.C., Sarkar, B., Ray, S.  
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36. Mandal, N., Doloi, B., Mondal, B.  
Force prediction model of zirconia toughened alumina (ZTA) inserts in hard turning of AISI 4340 steel using response surface methodology  

37. Mukherjee, R., Chakraborty, S.  
Selection of EDM process parameters using biogeography-based optimization algorithm  

38. Ganguly, D., Acherjee, B., Kuar, A.S., Mitra, S.  
Hole characteristics optimization in Nd:YAG laser micro-drilling of zirconium oxide by grey relation analysis  

39. Mukherjee, R., Chakraborty, S., Samanta, S.  
Selection of wire electrical discharge machining process parameters using non-traditional optimization algorithms  

40. Bandyopadhyay, S., Bhattacharya, R.  
NSGA-II based multi-objective evolutionary algorithm for a multi-objective supply chain problem  

41. Acherjee, B., Kuar, A.S., Mitra, S., Misra, D., Acharyya, S.  
Experimental investigation on laser transmission welding of PMMA to ABS via response surface modeling  
42. Kuar, A.S., Acherjee, B., Mitra, S.
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43. Malapati, M., Sarkar, A., Bhattacharyya, B.
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Multiple decoupling point paradigms in a global supply chain syndrome: A relational analysis

47. Bakshi, T., Sanyal, S.K., Sarkar, B., Sinharay, A.
A project selection framework of DSS by Dempster-Shafer theory under fuzziness

Health diagnosis of industrial equipments through used lubricant analysis process: A rule based inference approach

49. Acherjee, B., Kuar, A.S., Mitra, S., Misra, D.
A sequentially integrated multi-criteria optimization approach applied to laser transmission weld quality enhancement-a case study

50. Athawale, V.M., Chatterjee, P., Chakraborty, S.
Selection of industrial robots using compromise ranking method

51. Karande, P., Chakraborty, S.
Application of multi-objective optimization on the basis of ratio analysis (MOORA) method for materials selection

52. Athawale, V.M., Chatterjee, P., Chakraborty, S.
Decision making for facility location selection using PROMETHEE II method

53. Das, M.C., Sarkar, B., Ray, S.
Decision making under conflicting environment: A new MCDM method

54. Acherjee, B., Kuar, A.S., Mitra, S., Misra, D.
Effect of carbon black on temperature field and weld profile during laser transmission welding of polymers: A FEM study

55. Lalchhuanvela, H., Doloi, B., Bhattacharyya, B.
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56. Maity, S.R., Chatterjee, P., Chakraborty, S.
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57. Adhikary, D.D., Bose, G.K., Chattopadhyay, S., Bose, D., Mitra, S.
RAM investigation of coal-fired thermal power plants: A case study

58. Chatterjee, P., Chakraborty, S.
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59. Chakravorty, R., Gauri, S.K., Chakraborty, S.
Optimization of correlated responses of EDM process

60. Kuar, A.S., Acherjee, B., Ganguly, D., Mitra, S.
Optimization of Nd:YAG laser parameters for microdrilling of alumina with multiquality characteristics via grey-taguchi method

61. Bag, M., Gauri, S.K., Chakraborty, S.
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An exploratory analysis of optimizing product mix through heuristic: An eclectic decision

MCDM based project selection by F-AHP & VIKOR
(2011) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 7076 LNCS (PART 1), pp. 381-388.

64. Acherjee, B., Kuar, A.S., Mitra, S., Misra, D.
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A soft-computing approach for software project selection

66. Peter, J., Doloj, B., Bhattacharyya, B.
Parametric analysis of Nd: YAG laser marking on ceramics

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A comparative study on the ranking performance of some multi-criteria decision-making methods for industrial robot selection

68. Paul, G., Das, M., Ghatak, S., Sarkar, S., Nagahanumaiah, Mitra, S.
Investigation on the effect of spark gap in dry µ-electro discharge machining of SiC-10BN nano-composite

An investigation on electro discharge micro-drilling of SiC-20% BN composite


84. Dhobe, S.D., Doloi, B., Bhattacharyya, B. 

85. Sadhu, A., Chakraborty, S. 

86. Chakraborty, S. 

87. Gauri, S.K., Chakravorty, R., Chakraborty, S. 

88. Sarkar, S., Sekh, M., Mitra, S., Bhattacharyya, B. 

89. Mandal, S., Chakraborty, S. 

90. Athawale, V.M., Chakraborty, S. 
Decision making for material handling equipment selection using ELECTRE II method (2011) Journal of the Institution of Engineers (India), Part PR: Production Engineering Division, 91 (MARCH), pp. 9-17.

91. Mandal, N., Doloi, B., Mondal, B. 

92. Acherjee, B., Mondal, S., Tudu, B., Misra, D. 

93. Chatterjee, P., Athawale, V.M., Chakraborty, S. 

94. Acherjee, B., Misra, D., Bose, D., Acharyya, S. 

95. Das, S., Chakraborty, S. 

96. Jana, T.K., Bose, G.K., Sarkar, B., Saha, J. 

97. Kibria, G., Bhattacharyya, B. 
98. Acherjee, B., Kuar, A.S., Mitra, S., Misra, D.

99. Peter, J., Doloi, B., Bhattacharyya, B.

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101. Mitra, N.S., Doloi, B., Bhattacharyya, B.
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103. Mitra, S., Paul, G., Sarkar, S., Nagahanumaiah

104. Bag, M., Gauri, S.K., Chakraborty, S.


106. Banerjee, A., Yadav, G.

107. Chatterjee, P., Athawale, V.M., Chakraborty, S.

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110. Athawale, V.M., Chakraborty, S.

111. Doloi, B., Dhupal, D., Bhattacharyya, B.
112. Munda, J., Malapati, M., Bhattacharyya, B.  
Investigation into the influence of Electrochemical Micromachining (EMM) Parameters on Radial Overcut through RSM-based approach  

113. Gauri, S.K., Chakraborty, S.  
A study on the performance of some multi-response optimisation methods for WEDM processes  

Multi-response optimisation of Nd:YAG laser micro-machining of die steel using response surface methodology  

115. Sarkar, S., Ghosh, K., Mitra, S., Bhattacharyya, B.  
An integrated approach to optimization of WEDM combining single-pass and multipass cutting operation  

Effects of process parameters on hole circularity and taper in pulsed Nd:YAG laser microdrilling of Ti-Al2O3 composites  

117. Kibria, G., Sarkar, B.R., Pradhan, B.B., Bhattacharyya, B.  
Comparative study of different dielectrics for micro-EDM performance during microhole machining of Ti-6Al-4V alloy  

118. Ray, A., Sarkar, B., Sanyal, S.  
The TOC-based algorithm for solving multiple constraint resources  

Strategic initiatives and automated decision support with ERP system environment  

120. Biswas, R., Kuar, A.S., Biswas, S.K., Mitra, S.  
Artificial neural network modelling of Nd:YAG laser microdrilling on titanium nitride-alumina composite  

121. Biswas, R., Kuar, A.S., Sarkar, S., Mitra, S.  
A parametric study of pulsed Nd:YAG laser micro-drilling of gamma-titania aluminiode  

122. Mukherjee, K., Sarkar, B., Bhattacharjya, A.  
Supplier's selection strategy for mass customization  

123. Basu, J., Sarkar, B., Bhattacharya, A.  
Modern technology level in the industrial supply chain: Thermodynamic concept  

124. Bhattacharyya, B.K., Chakraborty, S.  
Recognition of quality control chart patterns based on back propagation neural network  

Electro discharge machining of titanium nitride-aluminiode oxide composite for optimum process criterial
yield

126. Chatterjee, P., Athawale, V.M., Chakraborty, S.
Selection of materials using compromise ranking and outranking methods

Solving product-mix problem - a holistic method under unstructured environment

128. Bose, G.K., Goswami, R.N., Sarkar, T.K., Mitra, S.
Analysis of cutting forces on electrochemical grinding process

Product-mix optimization through soft computing

130. Basu, J., Sarkar, B., Bhattacharyya, A.
Cluster approach in transfer of technology to rural smes in india: Baruipur surgical instruments cluster, a test case (WEST BENGAL)

131. Dhupal, D., Doloi, B., Bhattacharyya, B.
Modeling and optimization on Nd:YAG laser turned micro-grooving of cylindrical ceramic material

132. Kannan, M., Saha, J.
A feature-based generic setup planning for configuration synthesis of reconfigurable machine tools

133. Chakladar, N.D., Das, R., Chakraborty, S.
A digraph-based expert system for non-traditional machining processes selection

134. Pradhan, B.B., Bhattacharyya, B.
Modelling of micro-electrodischarge machining during machining of titanium alloy Ti-6Al-4V using response surface methodology and artificial neural network algorithm

135. Bhattacharya, S., Sarkar, B., Mukherjee, R.N.
Evaluation of the performance of bearing materials using distance-based fuzzy multi-criteria decision-making process

136. Gauri, S.K., Chakraborty, S.
Recognition of control chart patterns using improved selection of features

137. Gauri, S.K., Chakraborty, S.
Multi-response optimisation of WEDM process using principal component analysis

138. Pradhan, B.B., Masanta, M., Sarkar, B.R., Bhattacharyya, B.
Investigation of electro-discharge micro-machining of titanium super alloy
139. Gauri, S.K., Chakraborty, S.

Optimisation of multiple responses for WEDM processes using weighted principal components

140. Sarkar, B.R., Doloi, B., Bhattacharyya, B.

Investigation into the influences of the power circuit on the micro-electrochemical discharge machining process

141. Goswami, R.N., Mitra, S., Sarkar, S.

Experimental investigation on electrochemical grinding (ECG) of alumina-aluminum interpenetrating phase composite
SCHOOL OF ADVANCED STUDIES ON INDUSTRIAL POLLUTION CONTROL ENGINEERING

Research projects

[1] Investigators: Prof. S. Datta & Prof. A. Bhowal
Project Title: Study on the Enrichment and Adaptability on Marine Water of Microbial Consortia used in Biodigester Technology
Funding Agency: DRL (Tezpur), Amount: Rs 8.9 Lakhs Duration: 2011-2013

[2] Investigators: Prof. S. Datta & Prof. A. Bhowal
Project Title: Heavy metal bioremediation of soil using micro-organism
Funding Agency: W.B. Pollution Control Board, Amount: Rs 13.5 Lakhs Duration: 2007-2009

[3] Investigators: Prof. A. Bhowal and Prof. S. Datta
Project Title: Hollow Fiber Contained Liquid Membrane system with Strip Dispersion for Recovery of Metal values
Funding Agency: DST (Govt. of India), Amount: Rs 15.5 Lakhs, Duration: 2009-2012

[4] Investigators: Prof. A. Bhowal and Prof. S. Datta
Project Title: High Distillation
Funding Agency: DRDO, Amount: Rs 8.9 Lakhs Duration: 2007-2009

[5] Investigators: Prof. A. Bhowal and Prof. S. Datta
Project Title: Process Intensification in Waste Water Treatment

List of Publications

2013:
A. Kumar, B. Bhunia, D. Dasgupta, T. Mandal, A. Dey, S. Datta, P. Bhattacharya, Optimization of culture condition for growth and phenol degradation by Alcaligenes faecalis JF39228 using Taguchi Methodology, Desalination and Water Treatment 51(2013) 3153-3163. [citation: 0, IF: 0.614, SJR: 0.267, SNIP: 0.299]


A.R.Goswami, A. Aich, S. Pal, B. Chattopadhyay, S. Datta, S.K. Mukhopadhyay, Antioxidant response to oxidative stress in zooplankton thrived in wastewater-fed ponds in East Calcutta Wetland Ecosystem, a Ramsar site, Toxicological and Environmental Chemistry 95(2013) 627-634 [citation: 0, IF: 0.45, SJR: 0.197, SNIP: 0.245]


2012:
M. Mukherjee, J. Basu, S. Datta, Air quality analysis and indexing of Kolkata city with respect to vertical floor heights and seasonal variation, Toxicological and Environmental Chemistry 94(2012) 1864- 1885.[citation:1, IF: u.a., SJR: 0.197 , SNIP: 0.245]

S. Chatterjee, L. Singh, B. Chattopadhyay, S. Datta, S.K. Mukhopadhyay, A study on the waste metal remediation using floriculture at East Calcutta Wetlands, a Ramsar site in India, Environmental Monitoring and Assessment 184 (2012) 5139-5150 [citation: 0, IF: 1.4, SJR: 0.267, SNIP: 0.299]


2011:


A. Aich, B. Chattopadhyay, S. Datta, S.K. Mukhopadhyay, Impact of composite tannery effluent on the amino-transferase activities in a fish biosystem using Guppy fish (Poecilia reticulata) as an experimental model, Toxicological and Environmental Chemistry 93(2011) 85-91. [citation: 1, IF: 0.541, SJR: 0.197, SNIP: 0.245]


S. Dutta, C. Bhattacharjee, S. Datta, Kinetic, isotherm and thermodynamic study of Cr (VI) adsorption on powder activated carbon, Journal of the Institution of Engineers (India): Chemical Engineering Division 91 (2011) 27-33. [citation: 0, IF: u.a., SJR: 0.102, SNIP: 0.011]


C. Das, A. Bhowal, S. Datta, Bioremediation of copper Contaminated Soil by co-application of bioaugmentation and biostimulant with organic amendment, Bioremediation Journal 15 (2011) 90-98. [citation: 0, IF: 0.784, SJR: 0.325, SNIP: 0.403]

2010:


S. Bhattacharya, P. Choudhuri, S. Datta, S.C. Santra, Assessment of total mercury level in fish collected from East Calcutta Wetlands and Titagarh sewage fed aquaculture in West Bengal, India, Bulletin of Environmental Contamination and Toxicology 84 (2010) 618-622. [citation: 7, IF: 1.105, SJR: 0.559, SNIP: 0.719]
P. Saha, S. Datta, Assessment on the thermodynamics and kinetic parameters on adsorption of malachite green using rice husk, *Journal of the Institution of Engineers (India): Chemical Engineering Division* 90 (2010) 11-17. [citation: 0, IF: n.a., SJR: 0.102, SNIP: 0.011]


T. Mandal, D. Dasgupta, S. Datta, A biotechnological thrive on COD and chromium removal from leather industrial wastewater by the isolated microorganisms, *Desalination and Water Treatment* 13 (2010) 382-392. [citation: 3, IF: 0.614, SJR: 0.206, SNIP: 0.304]


**2009:**

P. Saha, S. Datta, Assessment on thermodynamics and kinetics parameters on reduction of methylene blue dye using flyash, *Desalination and Water Treatment* 12 (2009) 219-228. [citation: 16, IF: 0.614, SJR: 0.267, SNIP: 0.299]

D. Datta, P.K. Banerjee, S. Datta, Seasonal variation of water quality index of a stagnam surface water body, *Journal of the Institution of Engineers (India): Environmental Engineering Division* 90(2009) 27-32


**2008:**


D. Mondal, A. Bhowal, S. Datta, Mass transfer characteristics in extraction by emulsion liquid membrane system - Immobilized emulsion phase, *Indian Journal of Chemical Technology* 15(2008) 113-117. [citation: 1, IF: 0.628, SJR: 0.233, SNIP: 0.548].

**List of doctoral, post-doctoral students and Research Associates**

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name</th>
<th>Supervisor(s)</th>
<th>Title</th>
<th>Year awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Abhijit Mondal</td>
<td>Prof. S. Datta &amp; Prof. A. Bhowal</td>
<td>Recovery of metal values using hollow fiber liquid membrane with strip dispersion</td>
<td>2013 (submitted)</td>
</tr>
<tr>
<td>2.</td>
<td>Gadadhar Bhattacharyya</td>
<td>Prof. S. Datta &amp; Prof. A. Bhowal</td>
<td>Liquid-liquid Extraction in a Rotating Spray Column</td>
<td>2012 (submitted)</td>
</tr>
<tr>
<td>3.</td>
<td>Chandana Das</td>
<td>Prof. A. Bhowal &amp; Prof. S. Datta</td>
<td>Remediation of heavy metal contaminated soil using microorganisms</td>
<td>Ongoing</td>
</tr>
<tr>
<td>4.</td>
<td>Mamita Panda</td>
<td>Prof. A. Bhowal &amp; Prof. S. Datta</td>
<td>Removal of Cr$^{6+}$ using tamarind fruit cell in rotating packed bed</td>
<td>ongoing</td>
</tr>
</tbody>
</table>
SCHOOL OF AUTOMOTIVE ENGINEERING

No separate list of publications, since no permanent faculty.
SCHOOL OF BIOSCIENCE & ENGINEERING

Publications: Number of papers published in peer reviewed journals (national / international)

Journal paper

Dr. Piyali Basak
16. Book Chapter in Taylor-Francies publication entitled as ‘Drug Delivery Systems, Colon-Specific’ by Basak, P.*. (Accepted)

Dr. Monisha Chakraborty
International and National Conference Papers of Dr. Monisha Chakraborty
3. “Effect of Light Soaking on Contact Resistivity of Metallic Contacts on Cd1-xZnxTe Thin Films with varying Fractions of Zinc”, published in the proceedings of the International Conference on Computer, Communication,
Control and Information Technology, Organized by Academy of Technology, W.B., India, during February 06-07, 2009, pp-537-541.
6. “ANN based automated model to study the relationship amongst various physiological parameters for diagnosis of arrhythmia & proposed diet”, published in the proceedings of the National Conference on Future of Food Biotechnology in India, Organized by Department of Biotechnology, NIT Durgapur and Food Technology & Bio-Chemical Engineering, Jadavpur University, in collaboration with Association of Food Scientists & Technologists, Kolkata Chapter during January, 8-9, 2009, pp-25-30.
9. “Comparison of ANN Models to Predict LDL Level in Diabetes Mellitus Type 2”, Published in the proceedings of International Conference on Systems in Medicine and Biology (ICSMB-2010), Organized by School of Material Science and Technology, Department of Electrical Engineering, IIT Kharagpur, IEEE Kharagpur Section, December, 16-18, 2010, pp-400-404.
15. “Patellar Fracture Analysis using Segmentation and Global Thresholding Techniques”, Published in the proceedings of International Conference on Computational Intelligence and Information Technology (CIIT-2011) and also published in Springer CCIS Series, Organized by Association of Computer Electronics and Electrical Engineers (ACEEEE), Pune, India, November, 7-9, 2011, Vol.-1, pp-76-83.
18. “Adaptive Colour-based Segmentation Approach for Brain Tumor Extraction”, Published in the proceedings of International Conference on Control Instrumentation System Conference CISCON-2011, Organized by Department of Instrumentation and Control Engineering, Manipal Institute of Technology, Manipal, Karnataka, November, 3-6, 2011, pp-241-244.
20. “A Comparison Based Contrast Enhancement Algorithm Designed For Retinal Fundus Image Pre-processing”, Published in the proceedings of CSIR Sponsored National Conference on Modern Trends in Electronic


24. “Brain Tumor Detection from MR Images : Image Processing, Slicing and PCA Based Reconstruction”, Accepted in the Third International Conference on Emerging Applications of Information Technology (EAIT), Organized by CSI Kolkata Chapter, November 29 - December 01, 2012, Kolkata, India, EAIT 2012 proceedings are published by the IEEE and it is available in IEEE Xplore.


Research Projects of Dr. Monisha Chakraborty

(a) Principal Investigator of UGC sponsored Major Research Project, “Studies and Applications of II-VI compound based Semiconducting Devices”

Funding Agency: University Grants Commission, New Delhi, Year: Award letter dated: March, 12, 2013,
Grant Received: Rs 11,83,800/-
Duration: 3 years

(b) Principal Investigator of the Project, “Analytical Study of Biomedical Signals for the evaluation of psychosomatic disorders”, under seed support of “Potential for Excellence”, Scheme.
Funding Agency: Jadavpur University
Year: June, 2005
Grant Received: Rs 50,000/-.
Duration: 1 year

List of Invited Talk Deliberation by Dr. Monisha Chakraborty
i. Invited Talk on “Medical Electronics”, organized by the Institute of Engineering & Management, Saltlake, Electronics Complex, Kolkata, on November, 18, 2010.
ii. Invited Talk on “Medical Electronics & Instruments: An Overview”, in the 10 Day Training Programme for Medical Instruments Repair & Maintenance for Technicians & Nurses of Government/Private Hospitals, organized by K. P. C Medical College & Hospital, Sponsored by the Department of Science & Technology, Govt. of India, January, 10-21, 2011.

Technical Session Chaired by Dr. Monisha Chakraborty
I Chaired the Technical Session on “Medical Electronics” on January, 17, 2012 in the International Conference on “Innovative Techno Management Solutions for Social Sector (IEMCON-2012)” Organized by, Institute of Engineering and Management in collaboration with IEEE held at Science City, Kolkata.

Refresher Course Conducted by Dr. Monisha Chakraborty
Co-ordinator of UGC sponsored Refresher Course on “Recent Trends in Biomedical Engineering” at School of Bio-Science & Engineering, Jadavpur University in collaboration with UGC Academic Staff College, Jadavpur University from, June, 11, 2012 to June, 30, 2012.

Participation in other Courses by Dr. Monisha Chakraborty
- Participated in the UGC sponsored Refresher Course on “Enzyme Technology: The Technology of the 21st Century, organized by the Department of Food Technology and Bio-Chemical Engineering, Jadavpur University in collaboration with UGC Academic Staff College, Jadavpur University.
- Participated in the UGC sponsored Refresher Course on “Nano Science & Technology”, organized by School of Material Science and Technology, Jadavpur University in collaboration with UGC Academic Staff College, Jadavpur University.
- Participated in the course on Retraining of College Teachers under UGC sponsored University with Potential for Excellence Scheme Jadavpur University, entitled, “Conceptual Changes in Higher Education” organized by Jadavpur University.
- Participated in the National Seminar on “Dignity in Disability: Women in Focus”, jointly organized by Jadavpur University and National Institute for the Orthopaedically Handicapped, Kolkata.

Serving on academic bodies within own institution or outside by Dr. Monisha Chakraborty
1 One of the members of the team that opened Post-Graduate Course in Medical Physics in Jadavpur University in collaboration with AMRI Hospital Kolkata
2 Member of the Academic Committee of School of Energy Studies, Jadavpur University. Involved in the International Research Project, “UK-India Education and Research Initiative (UKIERI) Programme”, running in the Advanced Materials and Solar Photo Voltaic Division of School of Energy Studies, Jadavpur University which is dealing with technologies that have several biomedical application areas.
3 Involved in the research activities of Sir C. V. Raman Centre for Physics and Music, Jadavpur University.

ME Thesis Guidance by Dr. Monisha Chakraborty
- Number of ME Thesis under sole guidance (completed): 10
- Number of ME Thesis under joint guidance (completed): 01
- Number of ME Thesis under sole guidance (ongoing): 03

Dr. D. N. Tibarewala
An approach of bone loss estimation through digital radiography...


IV. International Conferences


8. Chandra S., Bakshi K., Khasnobish A., Konar A. & Tibarewala D.N.: Neural Network based prediction of parkinsonian hand tremor using surface electromyography, Accepted for presentation in ICES-2011, Jan 7-9, 2011, NIT Roukela


29. Dr. Monisha Chakraborty visited University of Surrey, UK on invitation as “Academic Visitor” in connection with UKIERI Programme in the year 2010.

V. National Conferences


* Monographs
* Chapters in Books
* Book Chapter in Taylor-Francies publication entitled as ‘Nanomaterials in Drug Delivery System’ by Basak, P.*, Datta, S., Sen, S. (Accepted)
* Book Chapter in Taylor-Francies publication entitled as ‘Implant Infection: Prevention’ by Basak, P.*. (Invited and Submitted)
* Book Chapter in Taylor-Francies publication entitled as ‘Drug Delivery Systems, Colon-Specific’ by Basak, P.*. (Accepted)
* Book Chapter in Taylor-Francies publication entitled as ‘Drug Delivery Systems, Novel’ by Basak, P.*. (Accepted)
* Ghosal S., Darbar R., Neogi B., Das A. & D.N. Tibarewala: “Application of Swarm Intelligence

* Edited Books
* Books with ISBN with details of publishers
* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
* Citation Index – range / average
* Dr. Piyali Basak: (0-22)/4.46
* Dr. D.N.Tibarewala: (0-13)/0.203
* Dr. Himadri Chattopadhyay : (0-63)/10
* Dr. Abhijit Chanda: (0-45)/7
* SNIP
* SJR
* Impact Factor – range / average
* Dr. Piyali Basak: (0-2.404)
* Dr. Monisha Chakraborty: 0.2
* Dr. D.N.Tibarewala: (0-2.26)
* Dr. Himadri Chattopadhyay: 1.5
* Dr. Abhijit Chanda: 1.2
* h-index
* Dr. Piyali Basak: 4
* Dr. Monisha Chakraborty: 2
* Dr. D.N.Tibarewala: 6
* Dr. Himadri Chattopadhyay: 12
* Dr. Abhijit Chanda: 5
SCHOOL OF COGNITIVE SCIENCE

Publications

- Number of papers published in peer reviewed journals (national / international):
  - National: 20
  - International: 40
- Monographs
- Chapters in Books: 22
- Edited Books: 04
- Books with ISBN with details of publishers

Faculty serving in: a) National committees b) International committees c) Editorial Boards d) any other (please specify and give details, including the name of the committee/s, position/s held, duration, etc.)

**Professor Amita Chatterjee, Professor Emeritus, School of Cognitive Science & National Fellow (2012-14), Indian Council of Philosophical Research, New Delhi**

**International:**
  i. Member of the International Project on Intellectual Humility and Cultural Diversity in Philosophy
  ii. Editorial Member of *Philosophy East West*, University of Hawaii, Honolulu
  iii. Editorial Member of *Journal of Indian Philosophy*
  iv. Member of the Board of Research for Lara Mitias, University of Hawaii, Honolulu
  v. Editorial Member of *International Journal of Artificial Intelligence and Soft Computing*

**National:**
  i. Former Academic Committee Member of the Central University of Bihar
  ii. Executive Council Member of the Central University of Bihar
  iii. UGC-Nominated Expert for the SAP Programme for Department of Philosophy, Central University of Hyderabad
  iv. UGC-Nominated Expert for the SAP Programme for Department of Philosophy, University of Allahabad
  v. Member of the Apex Advisory Committee, Indian Council of Philosophical Research, New Delhi

Page 465
State:
vi. Member of the Board of Research, Department of Philosophy, RabindraBharati University
vii. Member of the Board of Research, Department of Philosophy, Burdwan University
viii. Member of the Board of Research, Department of Philosophy, West Bengal State University
ix. Member of the Board of Studies, Department of Philosophy, West Bengal State University

Professor Amit Konar, Department of Electronics and Telecommunications
iii. Editor of Neurocomputing Journal, Elsevier, since 2009.

Professor Mihir Kr. Chakraborty, Visiting Professor, School of Cognitive Science

Membership of Editorial Board
i. Transactions on Rough Sets (TRS), Springer-Verlag

Member of Reviewer Panel of International and National Journals:

International:

i. International Journal of Fuzzy Sets and Systems,
ii. International Journal of Applied Non-Classical Logics,
iii. Mathware and Soft Computing, Annals of Operations Research,

National:

iv. Indian Council of Philosophical Research (Publications),
v. Bulletin of Calcutta Mathematical Society

Member of:

i. Founder Secretary, Indian Society of Fuzzy Mathematics and Information Processing (ISFUMIP)
ii. Member, Calcutta Mathematical Society
iii. Founder, Calcutta Logic Circle (CLC)
iv. Member, Regional Sub-committee, Indian Association for Research in Computer Science, TIFR
v. Member, Zadeh Institute for Information Technology, Berkeley
vi. Member, Academic Committee, Centre for Distributed Computing, Jadavpur University, India
vii. Member, Academic Committee, School of Cognitive Science, Jadavpur University, India
viii. Member, Working Group, Centre for Research in Discrete Mathematics and its Applications (CARDMATH, DST)
ix. Assistant Secretary, Executive Council, Raman Centre for Applied and Interdisciplinary Sciences, Kolkata, India
SCHOOL OF CULTURAL TEXTS AND RECORDS

List of major projects executed by SCTR

2008-2011

A: TEXT, AUDIO AND AUDIO-VISUAL ARCHIVES

1. Recovery and Editing of Texts in the Sylhet-Nagri Script
The School is collecting and editing Bengali texts (both manuscript and print) in the now obsolete Sylhet-Nagri script which, down to the mid-20th-century or later, was a rich medium of composition and social exchange in the Sylhet-Cachar region. A beginning was made with the volumes in the custody of the National Council of Education, Bengal. Regular field trips are made to Cachar District, Assam; more visits have been undertaken, and are planned, to Tripura and Bangladesh. Some field recordings of related songs have also been made. 103 texts have been acquired and digitally stored in 340 CDs. 38 texts have been transcribed into standard Bengali. A CD has been prepared of the texts of 25 works. A descriptive text of all the texts acquired has been prepared. The first fully edited text (facsimile, transliteration, translation and annotations) of the volume *PablaKitab* has been published from Dey’s Publishing, Kolkata. An English edition of this volume, and a volume of texts on the ‘Charka’, are in preparation. A International Conference on Sylhet-Nagri texts was held by the School in December 2008. At various points, the project has received funds from the University Grants Commission and the Endangered Archives Programme of the British Library. Digital copies of all texts have been deposited with the British Library and, in the region of their origin, in Gurucharan College, Silchar and Nehru College, Poylapool, Cachar. The work is now being supported by the Maulana Abul Kalam Azad Institute of Asian Studies, Kolkata. The aim of this phase is to undertake textual and historical analysis of the material. The Project Co-Ordinator is Professor Anuradha Chanda.

2. Digital and Material Archive of Bengali Literary and Cultural Manuscripts.
This is one of the largest ongoing activities of the School. Funded in the first instance by the UGC under its UPE Scheme, work has since continued with support from the Indira Gandhi National Centre for Arts, New Delhi. In terms of this collaboration, a set of digital copies have been deposited with the IGNCA in addition to the copies kept in the School. The principal aim is to create a digital archive of manuscripts, letters and other documents relating to modern Bengali literature and culture. In many cases, the documents are obtained on loan from the writer, his/her family or associates, and returned after digitization. Where the documents are in danger of damage or disappearance, the School houses them physically in addition to digitizing them. We hope that in course of time, our archive will effectively become what it already is in fact, the biggest single digital repository (though as yet modest in size) of Bengali literature and culture since the time of Tagore. The work is being carried out under the general supervision of Prof. Sukanta Chaudhuri. The specific components of the archive so far are as follows:

   a) Sudhindranath Datta and Rajeshwari Datta Papers
The School has taken charge of the private papers of Sudhindranath Datta, the eminent modernist poet, and his wife Rajeshwari Datta, singer and musicologist, on behalf of the Hirendranath Datta Foundation. They contain a treasure-house of new material, including much unpublished or even unknown material by both Sudhindranath and Rajeshwari. The papers have been sorted, identified, arranged and digitised, and a handlist prepared. Working texts have been compiled of a great deal of the material. A volume of Sudhindranath’s Bengali short stories (from Dey’s Publishing, Kolkata), and a volume of his uncollected English writings (from DC Publishers, Delhi) have already been edited and published. The School has approached the Hirendranath Datta Foundation for support for further processing and publication of this material, but has not received any response.

The work was chiefly co-ordinated by Professor Swapan Majumdar. The English material was edited by Professor Sukanta Chaudhuri.

   b) Buddhadeva Bose Papers
The School was granted access to virtually all extant English and Bengali manuscripts of the poet, writer and critic Buddhadeva Bose, comprising 91 volumes. They cover a great deal of unpublished material (including the poet’s own English translations of his Bengali works), as well as significant variant texts and some interspersed personal material. The entire collection constitutes a valuable body of research material on this eminent writer. The poet’s family kindly made these papers available to the School. We are particularly grateful to Dr Damayanti Basu Singh for her good offices.
c) Shakti Chattopadhyay Papers and Visual Material

The family of the late poet Shakti Chattopadhyay has presented four volumes of his poetic manuscripts for the School's archives, along with a number of ancillary records and documents. Another four files of manuscripts, including original drafts of some of his most celebrated early poetry, have been made available for digitising. Digital copies have been made and a handlist prepared of all this material.

We have also been presented with a number of video cassettes of events and celebrations concerning the poet. Although the cassettes are in poor condition, we have recovered a quantity of valuable visual records, and consolidated them into a single CD.

We thank SmMeenakshi Chattachpadhyay for her generous assistance and support.

d) Jyotirmoyee Debi, Saibal Gupta and Ashoka Gupta Papers

The family of the late Jyotirmoyee Debi has made available to us the major part of her literary manuscripts, as well as a large quantity of letters and other documents. The collection also includes a number of rare journals in which her work was published, and which contain a great deal of other important literary material as well.

Along with this material, we have also received a large collection of papers by and about the late Saibal Gupta. They contain valuable material on his work for the government, especially in the fields of urban development and refugee rehabilitation, as well as material relating to his literary and cultural interests.

This material was gifted to us by the late Ashoka Gupta. Since her demise, her family has sought our assistance in sorting and listing her papers too, with a view to eventual digitization. However, this material will remain in custody of her family.

e) Tapan Sinha Papers

The eminent film director Tapan Sinha gifted us the shooting scripts of 20 of his films, sometimes in more than one version, as well as a large quantity of correspondence and other papers. The material has been sorted, listed and digitized. Shri Sinha has also, most generously, granted us the right to hold and process all textual and documentary material relating to his work.

We thank Shri Prabir Guha Thakurta for his kind help in obtaining this material.

f) Arun Kumar Sarkar Papers

The School was loaned all existing literary manuscripts and related papers of the late poet Arun Kumar Sarkar. These have been listed and digitized.

We are grateful to the poet’s son, Prof. Abhirup Sarkar, for his generous co-operation.

g) Badal Sircar Papers

The eminent dramatist Badal Sircar kindly loaned us manuscripts of a large number of his dramatic works. The papers also include production notes, jottings and a large amount of miscellaneous material in manuscript and print. All this material has been sorted and digitized.

h) Sanjay Bhattacharya Papers

Two manuscript books of unpublished poetry by the late poet Sanjay Bhattacharya were kindly gifted to us by Dr Bhumendra Guha Ray. These have been digitized.

i) Naresh Guha Correspondence.

The late Professor Naresh Guha had kindly loaned us, shortly before his death, his extensive collection of letters from eminent literary and cultural personalities: large numbers from Buddhadeva Bose, Pratibha Bose, Jamini Ray and Ashok Mitra, and a varied collection from many other persons. There were also a few rare manuscript and printed items relating to Ezra Pound. These have all been digitized.

j) Vijaya Mukhopadhyay and Sarat Kumar Mukhopadhyay manuscripts

The eminent poets Vijaya Mukhopadhyay and Sarat Kumar Mukhopadhyay have kind presented the School with some of their poetical manuscripts. Shri Sarat Kumar Mukhopadhyay had earlier presented us with a photocopy of the final manuscript of one of his novels.

k) Dinen Gupta papers and audio material.

We have been fortunate in obtaining a very large collection of all the extant film scripts and associated production papers of the eminent film personality, the late Dinen Gupta. No less valuable is a large number of tapes with the music tracks of films directed or produced by him. We are deeply grateful to his daughter Sm Sonali Basu for gifting us this material.
There is no full-scale Short-Title Catalogue of Bengali books for any period. The School has undertaken to provide this indispensable tool for scholarship. Each entry comprises a full bibliographical record of the volume plus a complete transcript (including typographical data) of the title-page, with location register. The data has been recorded on cards and also entered in an electronic database.
Work on the period 1801-1867 is complete, comprising 3,500 entries including 2,000 unique titles. All the material has been incorporated in a database and placed online, using a customized software allowing easy search and retrieval. The database can be accessed at: [http://www.compcon-asso.in/projects/biblio/welcome.php](http://www.compcon-asso.in/projects/biblio/welcome.php)

Data collection is in progress for the period 1868-1914. Eleven major libraries have been covered in Phase I (1801-1867), including the National Library, Asiatic Society, BangiyaSahityaParishad, Serampore College, UttarparaJaykrishna Library, and the Oriental and India Office Collections in the British Library, as well the School of Oriental and African Studies, London. In Phase II, Rammohan Library has been added to the list, and there are plans to cover Chaitanya Library and the Bishops College Library, funds permitting. Over 3,500 entries for this phase have been compiled by 15 March 2010. However, since the UGC Major Research Project for the work has come to an end, the project currently has no funding.
The project is co-ordinated by Dr Abhijit Gupta. The software was developed by Dr Anirban Ray Chaudhuri.

4. Archive of Early Recorded Music
This project aims to create an extensive database of recorded north Indian classical music, from the earliest phonographs onward, in cleaned and digitised versions. The collection includes a great deal of rare material from private collections, much of it recorded at private concerts or soirées and never commercially circulated. Work is progressing concurrently on a digital collection of Rabindrasangeet and other heritage Bengali music.

Begun under the UGC's UPE Scheme, the archive has obtained major funding under the Endangered Archives Programme (EAP) of the British Library. The first phase of EAP funding ran from September 2007 to August 2009. It has now been renewed for a further two years to August 2011, and extended to cover early Bengali recorded songs as well. This has enabled a full-fledged digitizing unit to be set up in the new rooms allotted to the School, with limited listening facilities. An electronic newsletter about the project has been started.

Work on the Digital Archive of North Indian Classical Music continues steadily. In the first phase from September 2007 to August 2009 (EAP 132), a total of 1.2 TB was digitized, comprising approx. 1,300 hours of playing time. A large part of this consisted of privately recorded material never released commercially.

We received unstinted help from various collectors in the last phase of this project. (Help in the earlier phases has been obtained from Shri Gajendra Narayan Singh from Patna visited the Archive in this phase. They gave invaluable advice on identifying ragas and compositions. Dr Malshe also presented the archive with some valuable books.

The second phase of EAP assistance (EAP 274) is focusing specially on rare collections. We have already located two collections, which have hitherto existed in unique copies, from Sm Purnima Sen and Shri Rajeev Goenka, along with a second large instalment from Shri Ashish Bhadra, who had already made notable contributions to the archive. We are deeply grateful to all these friends and supporters.

Approx. 300 GB of material relating to North Indian classical music has been digitized till 28 February 2010.

The second phase extended to compiling a Digital Archive of early Bengali recorded songs. Shri Saila Sekhar Mitter has allowed access to his rich collection of nearly 3,000 early 78 rpm records for this purpose. Approximately 1,500 hours have been processed and despatched to BL.

The project is co-ordinated by Professor Amlan Das Gupta, with Professor Sarbani Ganguly in charge of the collection of Bengali songs.

5. Digital Archive of Early Bengali Drama
This is the other new project commenced under the Endangered Archives Programme, scheduled to run from September 2009 to February 2011. Its purpose is to digitize the rarest, largely unique section of the rich collection of early Bengali drama and related material, held by the noted theatre and music personality Dr Devajit Bandyopadhyay. When completed, the digital archive will be an invaluable source for research in Bengali drama. The material comprises both formal drama and jatra texts, musical texts including song-books and notation-books, and a choice selection of rare journals dealing partly or exclusively with theatre and music.

We are most grateful to Dr Bandyopadhyay for allowing access to this valuable material for digitization and scholarly use, as also for his active assistance with the digitizing.

Since the Centre for Rabindranath Tagore Studies completed its term, the School is continuing the pioneer project for computer collation of Tagore texts commenced under the Centre. The aim is to record all authoritative variant texts of Tagore’s works in electronic form with hypertext mark-up. In this way, the lengthy preparatory work for a full-fledged critical edition will be available in ready-made form to any scholar wishing to take up the task. Further, all notable variant readings and editions will be available to any scholar wishing to study the textual history of the work for any critical or historical purpose.

The original collation software ‘Tafat’, developed and kindly presented to the School by Shri Siddhartha Chaudhuri of IIT Kanpur, has been further developed by Synapse Technologies to allow simultaneous collation of multiple texts. We have given the name ‘Pathantar’ given to this advanced version. This is the only collation software in any Indian language, and offers all the features of the standard Roman-font software ‘Juxta’ in Unicode Bengali font.

The collation of all major texts of Bisarjan has been completed. During 2007-8, we entered into an agreement with Rabindra-Bhavana, Santiniketan for supply of digital images of Tagore manuscripts in their possession. We have received copies of the manuscripts of Manasi and Samar Tari, and begun the lengthy task of keying in the texts. We hope this will mark the start of a fruitful association between the two institutions. Unfortunately, the work is currently held up in the absence of funds to support the employment of project staff to key in the texts. We sincerely hope that funds will soon be forthcoming, from Phase II of the UPE programme or some other source, to resume this important work.

Meanwhile, our Senior Research Fellow Sm. Spandana Bhowmik is continuing her own doctoral project incorporating a full database of material relating to Raja, Shapmochan and Arupatan. The work is being co-ordinated at the Jadavpur end by Professor Sukanta Chaudhuri.

7. Video Interviews with Film and Theatre Personalities.

In collaboration with the Indira Gandhi National Centre for Arts, we are creating a series of video interviews with film and theatre personalities. The focus is on figures who were once eminent, and have made significant contribution to their field, but are now forgotten. We have thus recorded aspects of Indian cinema and theatre virtually undocumented till now.

Interviews have been taken of Shri Mrinal Sen (director), Shri Nemai Ghosh (cinematographer), Shri Ramananda Sengupta (cinematographer), Shri Jogesh Datta (mime artist), Shri Abanish Bandyopadhyay (actor/distributor), the late Rabi Chattopadhyay (art director, interviewed shortly before his death), Sm. Gita Dey (actor), Sm. Bharati Devi (actor), Shri Arabinda Mukhopadhyay (film director), Shri Dulal Datta (editor), Shri Souvenir Ray (cinematographer), Shri Dhiman Chakrabarti (actor), Shri Sontu Basu (sound recordist), Sm. Lolita Chatterjee (actress), Shri Purnendu Bose (cinematographer), Shri Samar Kumar (actor), Shri Kaliprasad Roy (editor) and Miss Shefali (dancer). We are in contact with other notable personalities, and should be able to keep up an almost inexhaustible flow of such interviews if financial support is forthcoming.

We have also made full video documentation of the new jatra 'Janashatru' produced in March 2010 by the eminent jatra master Shantigopal. This includes not only full videography of the first performance but also rehearsals and an interview with Shantigopal.

Outside the performing arts, an interview of the noted historian Prof. Bratin Mukherjee was taken at the request of the IGNCA. We hope this will be the first of many interviews with scholars and other reputed persons in various fields.

8. Charles Harpur Editing Project

The School is in collaboration with the University of Sydney and the University of New South Wales, Australia, in a major project for electronic editing of the works of the 19th-century Australian poet Charles Harpur. Our Australian partners have completed primary digitization of all the Harpur manuscripts. These are now being converted to electronic texts on xml files at our School. Seven large manuscript volumes comprising approx. 2,000 pages have been processed, out of a total of approx. 4,700 pages in 26 volumes. Once the work is complete, Harpur specialists in Australia will complete the detailed editing and annotation.

This project is the first international collaboration undertaken by an Indian institution for major paleographical work in a Western language. It opens up a new direction of activity that, we hope, we can extend in the future, as there is growing demand for such this specialized work involving knowledge of both paleography and computer operation.

2011-2013

B: DOCUMENTATION OF CULTURAL TEXTS: MAJOR PROJECT UNDER AUSPICIES OF UPE-II

i. Digitization of Cultural Materials:

Two major collections are being processed in the School.
a. SuchitraMitra Papers

SuchitraMitra Collection comprises handwritten documents and typescripts, prints and publications, books, and records. Objects documented till date are mostly handwritten documents and typescript, prints and publications, sketchbooks, and miscellaneous items.

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<td><strong>343</strong></td>
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| Total number of images taken from November to January 2012 | 3838 |

b. Shankho Chaudhuri Papers

As of 31 January 2013, the Sankho Chaudhuri collection stands at:

- 645 catalogue entries (digital copies not made, so details of digital copies not entered)
- 578 catalogue entries (complete with details of digital copies)
- 1589 digital images for catalogue entries 1-578.

ii. Early Bengali books:

The focus for this phase of the project is on books published in Bengal between 1868 (a year after the Press and Registration of Books Act) and 1914 (the start of World War I). Bibliographical record and title page transcript of relevant books have been collected from 16 libraries, including the National Library, Asiatic Society, BangiyaSahityaParishad, Serampore College, UttarparaJaykrishna Library and British Library. The data is now being digitised.

iii. Electronic Editing

School of Cultural Texts and Records coordinated and cooperated with the developer-programmers Arunashish Acharya (Lecturer, School of Education Technology, JU) and Neel Basu from SCTR’s end, towards development of a new collation software.

The gross collation program 'Chhatrobhango' now includes a fine collation tool: 'Tafat'. Together, this pack of programs is called "Prabhed". The program now has a stable 32 bit executable version. Also an interlinked three-tier easy-to-use result display has been created to show the gross and fine collation results step-by-step.

Currently bug-fixing is in progress, and a 64 bit version of the program is being prepared.

iv. Physical Culture of Bengal

This new project has identified places, people and organisations across Bengal that are keeping alive traditional forms of physical activity, such as Indian-style wrestling, the martial dance form of Raibeshe and lathi-khela or stick-wielding games. Field work has been conducted and practitioners of these forms have been interviewed.

v. Travel Literature Database

1. Library visited
   - 1.1 BangiyaSahityaParishat
   - 1.2 Rammohan Library
   - 1.3 Baghbazar Reading Library
   - 1.4 West Bengal State Library (ongoing)
2. Catalogue entries
   2.1 Magazines: 49
   2.2 Books: 61
   2.3 Images: 2769
3. Catalogue survey
   3.1. Accounts of Travel in Bengali: Books: 483
   3.2. Accounts of Travel in Bengali: Magazines: 31

v. Digital Music Archiving
   Approximately 200 hours of audio has been added to the Digital Archive of Music.
   1. Indrani Majumdar Collection of Early Recorded Songs from Bangla Theatre - Second Lot
      No. of records digitised: 25
      Total duration of digitised audio: 1 hr 30 mins
   2. Arup Sengupta Collection
      No. of cassettes digitised: 20
      Total duration of digitised audio: 23 hrs 15 mins
   3. James Stevenson Collection of North Indian classical Music
      No. of cassettes digitised: 50
      Total duration of digitised audio: 75 hours
   4. Saptarshi Hazra Collection of North Indian Classical music
      No. of Cassettes digitised: 20
      Total duration of digitised audio: 25 hours
   5. Mihir Purakayastha Collection of modern Bangla Songs from the Broadcast recordings
      No. of Cassettes digitised: 50 cassettes
      Total duration of digitised audio: 75 hours

C: DIGITIZATION OF SOUTH ASIAN CULTURAL RESOURCES (IN COLLABORATION WITH BRITISH LIBRARY, LONDON) FUNDED BY SIR RATAN TATA TRUST, MUMBAI
   Work on the project started immediately after receipt of the draft award letter in September 2012. Professor Sukanta Chaudhuri visited the British Library in October and discussed possible collaborations. The first instalment of the grant was received in mid November.
   1. The first project taken up was the digitization of a rare collection of street books from Shri Bireshwar Bandyopadhyay. Approximately 200 books (2200 images) have been digitized.
   2. A web resource of bibliographies and printing history has been commissioned at granthsouthasia.wordpress.com
   3. A pilot digitization project has been undertaken at Maulana Abul Kalam Azad Library and Museum.
   4. Other projects:
      5. Indrani Majumdar Collection (audio), Kolkata
      6. Jesuit Mission library, Chaibasa, Jharkhand
      7. Estate of Buddhadeva Bose, poet and scholar, Kolkata
      8. Sujit Raha collection (audio) Guwahati, Assam
      9. The Jewish Community in Kolkata: A Web Resource

D: BICHITRA: COMPLETE ELECTRONIC VARIORUM EDITION OF RABINDRANATH TAGORE’S WORKS IN BENGALI AND ENGLISH
   The School has undertaken a major project to create a complete online variorum edition of all the works of Rabindranath Tagore in English and Bengali, including all significant variants and revisions in both manuscript and print. The project is funded by the Ministry of Culture, Government of India under its programme for Rabindranath’s 150th birth anniversary. Rabindra-Bhavana, Visva-Bharati, is a major project partner, and is making available all the relevant material in its collections.
   The project has resulted in a website (bichitra.jdvu.ac.in) with the following components:
   1. Image files of all textually significant versions of all Tagore’s works in manuscript and print
   2. Plain text files of each of these versions
   3. A complete collation of all the versions using the special software ‘Pathantar’ developed by the School
   4. An overview of the comparative structure of the various versions of a work.

Special mention must be made of the software ‘Pathantar’, the only collation software to date in any alphabet other than the Roman. It can compare variant versions of a large number of texts, using any selected version as the base. The full collation appears in a four-window screen display designed for the purpose, with the different versions colour-coded and variants highlighted.

The work has already attracted international renown.
SCHOOL OF EDUCATION TECHNOLOGY

Publications


- Professor Subrata Pal, “Design of Artificial Human Joints & Organs”, Springer Verlag, Funded by AICTE.


• Soumadeep Chakraborty, Dipendu Dutta, Matangini Chattopadhyay, “E-Learning Content’s Template Design with Subjective Metadata”, Proceedings of the 10th World Conference on Mobile and Contextual Learning (mLearn2011), Beijing, China, October 18 - 21, 2011.


• P. N. Basu - Computer Organisation and Architecture (3 versions for 3 Universities) - Vikas Publishing

• Lovely Chatterjee, Saswati Mukherjee, Matangini Chattopadhyay-“A Personalized Mobile Application Using Location Based Service” published as Book Chapter in the Book “Advances in Computer Science and Education Applications”, Communications in Computer and Information Science (CICS), Volume 202, Springer, pp 413 – 419-Springer


• M. Naskar, R. Parekh , “Texture Recognition in Images using Wavelets”, Proceedings of the International Conference on Scientific Paradigm Shift in Information Technology & Management (SPSITM ’11), Kolkata, January 5 - 6, 2011, pp. 113-117

• R. Parekh , Using Texture Analysis for Medical Diagnosis, IEEE Multimedia, December 20, 2010 , (ISSN: 1070-986X)


• Debarsi Kumar Sanyal, Matangini Chattopadhyay, Samiran Chattopadhyay, Sandip Chakraborty, “Congestion Games in Wireless Channels with Multipacket Reception Capability”, Proceedings of the International


• R. Parekh, A. Chowdhury, “Designing an Improved Thinning Algorithm”, accepted for inclusion in Proceedings of the 12th International Conference on Information Technology (ICIT ’09), Bhubaneshwar, India, held on December 21-24, 2009

• P. N. Basu, Lopa Mondal, “Towards Development of Web Contents for Dual Display (Normal Web and Mobile) - A Tag Based Approach”, ICIT December 2009 (Communicated and accepted)


• A. Acharya, S. Sadhu, T. K. Ghoshal, "Improving Self Alignment of Strapdown INS using Measurement Augmentation", 12th International Conference on information Fusion (Fusion2009), Seattle, USA, July 6-9, 2009.


• Debarsi Kumar Sanyal, Matangini Chattopadhyay, Samiran Chattopadhyay, "Game-Theoretic Modeling for System-wide Performance Optimization at the MAC layer in Ad-hoc Wireless Networks", Advances in Electrical Engineering and Computational Science, 207 - 218, Springer (ISSN No. 1876 - 1100).

• R. Parekh, N. Sharda "Improving Texture Recognition using Wavelets", accepted for inclusion in Proceedings of the 2nd International Conference on Data Management (ICDM '09), Ghaziabad, India, February 10-11, 2009.


• R. Parekh, Nalin Sharda, "Abstractions in Intelligent Multimedia Databases: Application of Layered Architecture and Visual Keywords for Intelligent Search", in "Intelligent Multimedia Databases and..."
• Debarshi Kumar Sanyal, Matangini Chattopadhyay, Samiran Chattopadhyay, Game Model From an Optimal Channel Access Scheme for WLANs, Tele Communication Systems Journal, Springer, accepted


• M.Kar (Deb), K.Datta, S.K.Goswami, A simple linear design methodology for two-loop lateral missile autopilot, Journal of Institution of Engineers (India), EL, Vol.89, Sept., 2008.
SCHOOL OF ENERGY STUDIES

List of Publications 2008-2013

Prof. B. Ghosh

Peer Reviewed Journals Papers

Peer Reviewed Conference Papers

Page 478
6. “Human Capital and Large Scale PV Deployment: Some Studies”, ibid, paper no. 6CV.1.46.
7. “Solar Powered LED lantern: An eco friendly affordable lighting systems for the developing world” 25th EUPVSEC & 5th WPVSEC, Sept. 5-9th, 2010, Valencia, Spain, paper no. 5DO8.2
10. Fabrication and characterization of SnS Thin films using SILAR method for PV applications, 6-3O-015, 18th PVSEC, Kolkata, 2009.
11. Impact of light soaking and temperature cycling on Cd1-XZnXTe thin films in PV applications, 3-1O-003, 18th PVSEC, Kolkata, 2009.
12. Role of photovoltaic in environmentally sustainable tourism: A conceptual study, 8-2O-001, 18thPVSEC, Kolkata 2009.
13. Impact of adjacent building-wall on the building integrated PV systems, 8-4P-001, 18th PVSEC, Kolkata, 2009.
15. Photovoltaic in Enhancing Human Development Index: Some Studies, 5BV.3.5. ibid, 2008


* Edited Books : 03


* Books with ISBN with details of publishers:
  Objective Physics (ISBN978-81-224-3224-4)
  New Age International(P) Limited, Publishers
  7/30 A, Daryaganj, New Delhi-110002
SCHOOL OF ENVIRONMENTAL STUDIES

List of publications

1. Novel Enhanced Surface Area Conico-Cylindrical Flask (ES-CCF) for Biofilm Cultivation filed by CSIR and published US Patent application (No.13/111,022): Inventors: Sreyashi Sarkar, Debasish Roy and Joydeep Mukherjee


3. Production of poly-3-(hydroxybutyrate-co-hydroxyvalerate) by Halofexa mediterranei using rice-based ethanol stillage with simultaneous recovery and re-use of medium salts Anirban Bhattacharyya, Jayeeta Saha, Saubhik Haldar, Asit Bhowmic, Ujjal Kumar Mukhopadhyay, Joydeep Mukherjee


17. Development of nowcasting technique and evaluation of convective indices for thunderstorm prediction in Gangetic West Bengal (India) using Doppler Weather Radar and upper air data Pradhan, D., De, U.K., Singh, U.V. 2012 *Mausam* 63 (2) , pp. 299-318


19. A comprehensive study on crude methanolic extract of Artemisia pallens (Asteraceae) and its active component as effective corrosion inhibitors of mild steel in acid solution Garai, S., Garai, S., Jaisankar, P., Singh, J.K., Elango, A. 2012 *Corrosion Science* 60 , pp. 193-204


30. Isolation and characterization of cyanobacteria possessing antimicrobial activity from the sundarbans, the world’s largest tidal mangrove forest Pramanik, A., Sundararajan, M., Das, S., Ghosh, U., Mukherjee, J. 2011 Journal of Physiology 47 (4) , pp. 731-743


34. Examining India’s groundwater quality management Chakraborti, D., Das, B., Murrill, M.T. 2011 Environmental Science and Technology 45 (1) , pp. 27-33

35. Enhanced protease production in a polymethylmethacrylate conico-cylindrical flask by two biofilm-forming bacteria Sarkar, S., Roy, D., Mukherjee, J. 2011 Bioresource Technology 102 (2) , pp. 1849-1855


37. Groundwater arsenic contamination in one of the 107 arsenic-affected blocks in West Bengal, India: Status, distribution, health effects and factors responsible for arsenic poisoning Roychowdhury, T. 2010 International Journal of Hygiene and Environmental Health 213 (6) , pp. 414-427


39. A statistical study of pre-monsoon weather over south Bengal using descriptive and inferential techniques Dasgupta, S., De, U.K. 2010 Mausam 61 (4) , pp. 547-552

40. Effect of Pleurotus eous on no production in murine macrophge and splenocyte proliferation Bennet, D., Meyyappan, A., Chenniappan, S. 2010 Pharmacologyonline 1 , pp. 192-201


42. Selective deletion of CD8+ cells upregulated by caspases-1 via IL-18 in mice immunized with major outer membrane protein of shigella dysenteriae 1 following infection Bagchi, A.K., Sinha, A.K., Adhikari, R., Maiti, P., Mukherjee, J., Panda, A., Saha, D.R. 2010 Journal of Clinical Immunology 30 (3) , pp. 408-418

43. Computational analysis and determination of a highly conserved surface exposed segment in H5N1 avian flu and H1N1 swine flu neuraminidase Ghosh, A., Nandy, A., Nandy, P. 2010 BMC Structural Biology 10 , art. no. 6


45. Production of a potentially novel antimicrobial compound by a biofilm-forming marine Streptomyces sp. in a niche-mimic rotating disk bioreactor Sarkar, S., Roy, D., Mukherjee, J. 2010 Bioprocess and Biosystems Engineering 33 (2) , pp. 207-217
46. Antibiotic production by a marine isolate (MS 310) in an ultra-low-speed rotating disk bioreactor Sarkar, S., Mukherjee, J., Roy, D. 2009 *Biotechnology and Bioprocess Engineering* 14 (6), pp. 775-780


48. Sampling and Analysis of Arsenic in Groundwater in West Bengal, India, and Bangladesh (Chapter ) Rahman, M.M., Das, B., Chakraborti, D. 2009 *Handbook of Water Purity and Quality*


52. Dental fluorosis Nayak, B., Roy, M.M., Chakraborti, D. 2009*Clinical Toxicology* 47 (4), pp. 355


54. Purification and characterization of a collagenolytic enzyme from a pathogen of the great barrier reef sponge, Rhopaloeides odorabile Mukherjee, J., Webster, N., Llewellyn, L.E. 2009 *PLoS ONE* 4 (9), art. no. e7177


60. Simulation of local severe storm by mesoscale model MM5 Chatterjee, P., Pradhan, D., De, U.K. 2008 *Indian Journal of Radio and Space Physics* 37 (6), pp. 419-433

61. Adsorptive removal of phenol utilizing flyash Datta, D., Sarkar, N.D., Sarkar, A.D., Bandyopadhyyay, A. 2008 *Journal of the Institution of Engineers (India): Chemical Engineering Division* 89 (SEPTEMBER), pp. 6-10


64. Anti-adipogenic activity of Capsicum annum (Solanaceae) in 3T3 L1 Arumugam, M., Vijayan, P., Raghu, C., Ashok, G., Dhanaraj, S.A., Kumarappan, C.T. 2008 Journal of Complementary and Integrative Medicine 5 (1) , art. no. 28


67. Distribution of actinomycetes, their antagonistic behaviour and the physico-chemical characteristics of the world's largest tidal mangrove forest Mitra, A., Santra, S.C., Mukherjee, J. 2008 Applied Microbiology and Biotechnology 80 (4) , pp. 685-695


## List of publications

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Page 487
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<td>(ii) Journal of State Electrical Engineers Association West Bengal on the special issue on Save the Planet Earth: OF 7-14.</td>
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SCHOOL OF INTERNATIONAL RELATIONS & STRATEGIC STUDIES

Publications

Relevant information in this connection will be available from respective Departmental profiles on faculty. The School faculty is drawn from University’s various Departments. We, however, incorporate a list of publications by the School:

a) Dr. Sumit Roy, Globalisation, Trade and Development: India in a Comparative Frame (Kolkata, 2009).
b) Dr. Sumit Roy, Globalisation and the “Emerging Giants” – China and India, (Kolkata, 2010).
d) Dr. Sumit Roy, Globalisation and Financial Crisis, (Kolkata 2012).
e) Professor Radharaman Chakraborti, Foreign Policy in an Age of Transition: Two Asian Models, November 2012.
f) Dr. Sumit Roy, India a Rising Power: Myth and Reality – A Note (forthcoming)
g) Professor Arun Kumar Banerjee, India-China Relations: It Takes Two for a Tango (forthcoming).
Mahidas Bhattacharya

1. BOOK
   1. Bengali for Non-Bengalees – An Intensive Course ( 600 Pages REPORT 2010)

2. PAPERS
   5. 2012 Bhattacharya M. Bhaasaar Utsa Sandhaane (Pathikrit – Saaradiyaa 2012)
   7. 2013 Bhattacharya M. BahubhaaSikataa o Bharatiiya saahitya in Aadhunik bhaaratiiya saahitya prasange, Netaij Nukta Viswabidyalaya, 11-62.)

PAPERS, published in the Seminar Proceedings, News paper and other Journals

REVIEW

Atanu Saha

2013
   1. On the nature of Multiple reciprocal marking in Journal of Advanced Linguistic Studies, VOL 2, NO. 1-2, Jan-Dec 2013, ISSN : 2231-4075, Bahri Publications.


2012
   1. An Analysis Of The Problems And Causes Of Errors In Spoken English: A Case Study Of Female Engineering Students In The Age Group Of 18-21 Years. in LANGUAGE IN INDIA Volume 12 : 4 April 2012 ISSN 1930-2940.

2011


2010

5. Error Analysis of English Aspirated, fricative and /r/ deletion by Indian Children in a day care center. in 32nd all India conference of Linguists by Linguistic Society of India at University of Lucknow

2009

6. The Semantics of Classifiers in Some Indian Languages at Students Conference on Linguistics# 3 in Jawaharlal Nehru University, Feb. 20th 2009.

2008

7. Classifiers in Mizo In Language in India (Online journal) 2008. (Eds.). M. S. Thirumalai, ISSN 1930-2940.

1.2 Papers presented at various conferences

1. The Semantics of Classifiers in Some Indian Languages at SCONLI 3 in Jawaharlal Nehru University, Feb. 20th 2009.
4. Census and the growth and Development of Bangla Hindi Bilingualism special focus on west Bengal at International Conference on South Asian Languages, Punjabi University, January 2010.
6. An Analysis Of The Problems And Causes Of Errors In Spoken English: A Case Study Of Female Engineering Students In The Age Group Of 18-21 Years. in Communication and soft skills: The emerging paradigms on Sept. 6, 2010 at DAV institute Engineering and Technology.
8. An Analysis Of The Problems And Causes Of Errors In Spoken and Written English: A Case Study Of The Arabic Students In The Age Group Of 20-24 Years. in Language and Communication: Barriers and Challenges at Shri Ramswaroop Memorial College of Engineering and Management (SRMCEM) Lucknow on 16th July 2011.
9. Reciprocal constructions in Meetelon in world of reflexives University of Utrecht Utrecht, The Netherlands. on 26th of august 2011
10. Comparative segmental differences between two dialects of the Assamese and Bangla language and their standard varieties in 7th international conference on North Eastern Indigenous Linguistic Society at Donbosco Institute of Management, Kharguli, guwahaty Assam, on Feb 2nd 2012.

1.3 Seminar/ Workshops Attended:

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Page 491
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<td>Katha Asia International Utsav</td>
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<td>Short stories and Cities: Different Dimensions</td>
<td>New Delhi</td>
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<td>Preparatory Summer School for New Linguistic Survey of India</td>
<td>CIIIL, Mysore</td>
<td>General Linguistics, Field Survey, Data documentation</td>
<td>Manasgangotri, Mysore</td>
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<td>All India Conference of Linguists</td>
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<td>Reduplicative Classifiers</td>
<td>University of Hyderabad</td>
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<td>North eastern linguistic society</td>
<td>University of Guwahati and Latrobe, Australia</td>
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<td>Making of Electronic Dictionary</td>
<td>Mysore</td>
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<tr>
<td>World of Reflexives</td>
<td>University of Utrecht, The Netherlands</td>
<td>Reflexives</td>
<td>Utrecht, The Netherlands</td>
<td>August 24-27th, 2011</td>
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</tbody>
</table>

**1.4 M.A. Dissertation**

<table>
<thead>
<tr>
<th>Name of the topic</th>
<th>Name of the language &amp; Area where Spoken</th>
<th>Name of the Supervisor &amp; Designation</th>
<th>Duration &amp; Date of Submission</th>
<th>Grade awarded</th>
</tr>
</thead>
</table>
### Anaphors

**In Nyishi**

Nyishi (A language of the Tibeto Burman Family); Spoken mainly in Arunachal Pradesh & parts of Assam

Prof. Anvita Abbi; Chairperson/center for Linguistics/JNU/ New Delhi

August 2007-December 2007

Submitted on January 2007

A only (8 out of 9 points)

### 1.5 Projects

<table>
<thead>
<tr>
<th>Name of the topic</th>
<th>Details</th>
<th>Name of the Supervisor &amp; Designation</th>
<th>Duration &amp; Date of Submission</th>
<th>Grade awarded</th>
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</thead>
<tbody>
<tr>
<td>Bengali-English-Nyishi Dictionary</td>
<td>Using the Java Programming, Multimedia techniques i.e. Sounds, Images etc. &amp; currently available at <a href="http://www.sanskrit.jnu.ac.in/course-project-winter08">http://www.sanskrit.jnu.ac.in/course-project-winter08</a></td>
<td>Prof. Girish Nath Jha; Associate professor/center for Sanskrit studies/JNU/ New Delhi</td>
<td>January 2008-April 2008 submitted at the end of April 2008</td>
<td>A only (8 out of 9 points)</td>
</tr>
<tr>
<td>Bangla verb form generator</td>
<td>Using Java and HTML</td>
<td>-do-</td>
<td>August 2009-December 2009</td>
<td>A minus</td>
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<tr>
<td>Mother Tongue survey of India / Ministry of Home Affairs; Govt. of India</td>
<td>Field linguistics with a given questionnaire</td>
<td>Prof. Anvita Abbi and Prof. Harimadhab Roy</td>
<td>ongoing</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Anaphora</td>
<td>Bangla, Metei, Nyishi</td>
<td>Berlin survey ongoing</td>
<td>-</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evolution of Semantic System for Bengali Language</td>
<td><a href="http://www.mpi.nl/departments/other-research/research-consortia/eoss/list-of-languages">http://www.mpi.nl/departments/other-research/research-consortia/eoss/list-of-languages retrieved as on 5/2/14</a></td>
<td>Michael Dunn of Max Planck Institute for Psycholinguistics</td>
<td>completed in 2013</td>
<td>Not applicable</td>
</tr>
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</table>
1.6 Lectures given at various Institutes/ universities

1. Looking at language contact in Indosphere through reciprocity at university of Nijmegen, The Netherlands on Nov. 11th 2011.

2. Basics of Computational Linguistics at Jadavpur University as part of the course on Digital Humanities offered in Jan-June 2013 at School of Cultural texts and records.

Samit Karmakar

Papers published in refereed journals:


2011 "What can metaphors say about the creative capacity of language and mind?" (In collaboration with Rajesh Kasturirangan). In Indian Linguistics, Vol. 72, pp. 129-136. Published by Linguistic Society of India.


2010 “Individuating and Ordering Situations in Bāṅlā”. In Poznan Studies in Contemporary Linguistics (PSiCL), Vol. 46, No. 1, pp. 69-84.


Papers and extended abstracts published in Conference Proceedings:

2011 [Full Paper] “Metaphors and Creativity: Constructing meaning in language” (in collaboration with Rajesh Kasturirangan). Proceedings of 5th Indian International Conference on Artificial Intelligence (IICAI 2011) organized by Siddaganga Institute of Technology (India), St. Mary’s University (Canada), EKLaT Research (India), and Infobright. Tumkur, India.


2009 [Extended Abstract] “Temporality in Bengali: A Syntacto-Semantic Framework”. In 3rd Students’ Conference of Linguistics in India (SCONLI-3), organized by Centre for Linguistics, Jawaharlal Nehru University, New Delhi, India.

Newspaper and Magazine Publication:


http://www.countercurrents.org/karmakar220113.htm

http://www.countercurrents.org/karmakar190912.htm

http://www.hardnewsmedia.com/2012/06/5397
SCHOOL OF LASER SCIENCE

Publications

* Number of papers published in peer reviewed journals (International): Cited in SCOPUS during 2008-2013: **Total: 182**
  a) R. Debnath: 11 (Citation: 28)
  b) T. Ganguly: 36 (Citation: 165)
  c) A. Bandyopadhyay: 29 (Citation: 86)
  d) P.K. Pal: 11 (Citation: 38)
  e) S. Mitra: 47 (Citation: 199)
  f) A.S. Kuar: 26 (Citation: 47)
  g) D. Misra: 22 (Citation: 77)

* Monographs

* Chapters in Books

* Number listed in International Database (For e.g., Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : All publications in international peer-reviewed journals are in international database such as SCOPUS.

* Citation Index – range / average: Range: 11-47, Average: 91.43

* SNIP

* SJR

* Impact Factor – range / average:
  * h-index
    a) R. Debnath: 6
    b) T. Ganguly: 14
    c) A. Bandyopadhyay: 7
    d) P.K. Pal: 5
    e) S. Mitra: 8
    f) A.S. Kuar: 6
    g) D. Misra: 6
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<tr>
<th>Title of Project/Facilities</th>
<th>Funding/ Collaborating Agency</th>
<th>Period</th>
<th>Amount (Lakh)</th>
<th>Faculty</th>
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<tr>
<td>Prepared Burden (Steel Nugget) for Solid State Reduction and subsequent Melting in EF as an Alternative Route for Steel Making</td>
<td>RINL</td>
<td>2009 – till date</td>
<td>16</td>
<td>Dr. R.Dey, Prof. M.K.Mitra, Prof. S.Mukherjee, Prof. G.C.Das</td>
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<tr>
<td>Scientific Collaboration to jointly … simulated nuclear reactor environment’</td>
<td>BARC, Mumbai</td>
<td>2008-till date</td>
<td>98.524</td>
<td>Prof. P.K.Mitra, Prof. M.K.Mitra, Prof. S.Paul, Prof. P.Majumder, Dr.(Mrs.) S.Banerjee</td>
</tr>
<tr>
<td>Processing of Titanium bearing magnetite for the recovery of Metal values</td>
<td>Ministry of Steel SDF</td>
<td>2010-till date</td>
<td>69.6 lacs</td>
<td>Prof. S.Mukherjee &amp; Dr. R.Dey</td>
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<tr>
<td>Synthesis of MgO-Carbon Refractory for Steel Making</td>
<td>SAIL-RDCIS</td>
<td>2013-15</td>
<td>24</td>
<td>Prof. S.Mukherjee, Prof. M.K.Mitra, Prof. G.C.Das, Dr. K.K.Chattopadhyay</td>
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<td>Micro fracture Toughness of Alumina – Silica – Metal - Tungsten Carbide Nanocomposite</td>
<td>AICTE</td>
<td>2007 – 2010</td>
<td>6 Lac</td>
<td>Prof. S.Mukherjee</td>
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<tr>
<td>Investigation of Lubricating Properties of Automotive Oil &amp; Grease with Addition of CNT &amp; Metal Oxide</td>
<td>BalmerLawrie&amp; Co. Ltd</td>
<td>2007 – 2012</td>
<td>10.1 Lac</td>
<td>Prof. S.Mukherjee, Dr. K.K.Chattopadhyay</td>
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<tr>
<td>Financial assistance for PG Teaching Program in Nanoscience&amp; Technology</td>
<td>DST- Nano Mission</td>
<td>2008 – 2013</td>
<td>4 Crore</td>
<td>Prof. S.Mukherjee</td>
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<tr>
<td>Synthesis &amp; Characterization of transparent p type semiconductor based on Copper-Aluminium Oxide based Material for transparent electronics</td>
<td>DST</td>
<td>2005-08</td>
<td>54 lac</td>
<td>Prof. S.Mukherjee, Dr. K.K. Chattopadhyay</td>
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<tr>
<td>Data collection of corrosion Zn-Al coated steel</td>
<td>Electro-Steel Ltd</td>
<td>2007-12</td>
<td>20 Lac</td>
<td>Prof. S. Mukherjee</td>
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<tr>
<td>Processing of Titani-ferrous Magnetite ion of Ti</td>
<td>Ministry of Steel- SDF</td>
<td>2010-13</td>
<td>54 Lac</td>
<td>Prof. S. Mukherjee</td>
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<tr>
<td>Recovery of precious and scattered metal-e-waste</td>
<td>UGC</td>
<td>2012-15</td>
<td>11.8 Lac</td>
<td>Prof. S. Mukherjee, Dr. M. Ghosh Chaudhuri</td>
</tr>
<tr>
<td>Scientific collaboration to jointly build arecirculation... nuclear reactor environment.</td>
<td>BARC</td>
<td>20 lakhs</td>
<td>Dr. M. Ghosh Chaudhuri, A. Chanda, M.K. Mitra, P.K. Mitra, S. Banerjee</td>
<td></td>
</tr>
</tbody>
</table>
Publications in journals since 2008

2013


22. Controlling the ZnO tetrapod sharpness by restricted zinc oxidation in open air: Low turn-on field emission stabilized by graphene, Soumen Maji, Uday Narayan Maji, Bhaskar Chandra Behera, Shreyasi Pal and Kalyan Kumar Chattopadhyay, Journal of Materials Chemistry C 2013,1, 4940-4947.


34. Edge effect enhanced electron field emission in top assembled reduced graphene oxide assisted by amorphous CNT-coated carbon cloth substrate, Rajarshi Roy, Arunava Jha, Dipotton Banerjee, Nirmalya Sankar Das and Kalyan Kumar Chattopadhyay, AIP Advance (2013) 3, 012115.
37. Three dimensional ZnO nanostructures realized through polymer mediated aqueous chemical route: Candidate for transparent flexible electronics, Soumen Maiti, Uday Narayan Maiti and Kalyan Kumar Chattopadhyay, Cryst Eng Comm (2012) 14 (23), pp. 8244-8252.

2012
1. Synthesis and Characterization of different structured ZnO nanomaterials through Polyethylene Glycol along with antibacterial activity study by direct attachment to the EColi Dsa 5 and saures ATCC 25923 bacteria cell membrane, P.Bhadra, S.Mukherjee, R.Dey,G.C.Das,M.K.Mitra, IJEST2012 Accepted for publication.


17. Studies on the corrosion characteristics of a few coated reinforced TMT bars used in concrete structure” Dhurijyoti Banerjee, Buddhadeb Duari, Rajib Dey, Bimal Chaudhuri, D Sarkar, Paintindia Vol LX II - No 4, April 2012, Page 49 – 53


34. Structural transformation from Mn\textsubscript{3}O\textsubscript{4} nanorods to nanoparticles and band gap tuning via Zn doping, A. Jha, R. Thapa, and K.K. Chattopadhyay, Materials Research Bulletin, 47 (3), pp. 813-819.

2011


2010

2009


2008


Monographs /Books:

Chapters in Books:

Edited Books:
SCHOOL OF MEDIA, COMMUNICATION & CULTURE

Books and monographs:
2. Ipshita Chanda, Lights! Camera...Taarpor: Ganamadhyam, naari, bishwayon (Lights! Camera...and then?), Abahbash, 2008.
8. Representation of Child Issues in the Print Media, a report based on field survey and research conducted by the School, published in 2010, with the financial help of UNICEF. Publisher: Jadavpur University.
11. Abhijit Roy (Co-editor with Biswarup Sen), Channeling Cultures: Television Studies from India, Oxford University Press, New Delhi (forthcoming).

Book Chapters/Papers published in journals:
33. Abhijit Roy, ‘When was Participation? The Many Legacies of Indian Television’s Public’ in an edited volume on Rana Nayar ed. Indian Cultural Studies, Routledge India (forthcoming)

Seminars and Workshops
2008-09
A talk on ‘New Media and its Influence on Culture’, by Dr. Biswarup Sen, Visiting Assistant Professor, School of Journalism and Communication, and Department of English, University of Oregon, May 22, 2008.
A day-long meeting and workshop was held for designing the ‘Cultural processes’ UG extra-departmental courses before its introduction with participation by faculty members from the university and outside. July, 2008.
A presentation on ‘Viewers’ Choice: Dance, Desire or Television Tales’, by Dr. Pallabi Chakravorty, Swathmore College USA, and Director, Philadelphia Web Relations.
A performance and talk called “Sounds of Wondering Dervishes of Turkey” by Latif Bolat, Turkish Sufi musician, singer, composer and musicologist. It was organized in collaboration with The Centre for Advanced Studies, Department of Comparative Literature and School of Cultural Texts and Records, at Vivekananda Hall, Jadavpur University, December 2, 2008.
2009-10
A seminar titled ‘TV News: Market Forces versus Social Responsibility’ in collaboration with Media Information and Communication Centre of India (MICCI) and the Friedrich Ebert Stiftung; Anita Banerjee Memorial Hall, Jadavpur University, June 17 and 18, 2009.


A talk and performance titled, ‘Performing Ecstasy’ by Pallabi Chakravorty, Assistant Professor, Swarthmore College, USA and Scott Kugle, Henry Martin Institute, Hyderabad, India. Vivekananda Hall, Jadavpur University, July 10, 2009.

Cross-cultural workshop in Kolkata in collaboration with the Knight Center for International Media (KCIM), University of Miami, US, for which two students from the KCIM, US, came to Calcutta to jointly work with three students of the School to make a multimedia story on ‘primary education in Kolkata’, March 11-23, 2010. The workshop was supervised and coordinated by Abhijit Roy, Joint Director of the School. For a glimpse of one of the works, visit http://mdg.glocalstories.org/education.php#

2010-11
An international seminar on ‘Cultures of Football’ organized in collaboration with the Centre for Studies in African Literatures and Cultures, Jadavpur University, and Valerian Soccer Foundation, India, April 20-22, 2010.


International Training workshop for Community Radio professionals in collaboration with Bangladesh NGO’s Network for Radio and Communication, Community Radio Academy, Bangladesh, and Webel, Govt. of West Bengal, July 25-28, 2010.

An international workshop on ‘Managerial and Operational Aspects of a Community Radio Station’ organized in collaboration with Commonwealth Educational Media Centre for Asia, New Delhi, and ‘Rupantar’, a non-profit organization based in Khulna, Bangladesh. Participants came from various community radio stations of Bangladesh and the resource persons were from India. Calcutta and Bolpur (West Bengal), September 21-24, 2010.

A total of 5 workshops were organized under the ‘Community Radio Child Radio Reporter’ project of the School between December, 2010 and March, 2011. Current and prospective reporters, all children from mostly the under-privileged sections of the society, participate in these workshops. Professionals from various fields help the participants acquire skills of reporting child issues and other relevant social issues for 90.8 Community RadioJU. The details of the workshops, coordinated by Anindita Roy, Research Associate of the project, are as follows:

Workshop 1: Project Evaluation Workshop, December 18, 2010
Workshop 2: Introduction to Child Rights, January 22, 2011
Workshop 3: Drama Therapy Workshop-1, January 29, 2011
Workshop 4: Drama Therapy Workshop-2, February 19, 2011
Workshop 5: Research and Content Development for Radio, March 12, 2011

A total of 4 workshops were organized under the project ‘Newsletter for Vikramshila Education Resource Society’s Nabadisha Programme’. The ‘Peer-Assisted Learning’ (PAL) group of the project, comprising of 18 under-privileged children of the age of 8-14 years, are trained in these workshops for developing skills of writing, editing, publishing and bringing out a quarterly magazine for children. The details of the workshops, coordinated by Tania Roy, Project Assistant, are as follows:

Workshop 1: Trends and Issues in Children’s Magazine Publication, August 21, 2010
Workshop 2: Proofreading and Editing, September 4, 2010
Workshop 3: Form, Design and Layout, February 12, 2011
Workshop 4: Hindi and Bangla Editing, March 15, 2011

2011-12

‘East Kolkata Wetlands: A 360° View’, a seminar with film screening and discussion, showcasing the four films made by students of the university on East Kolkata Wetlands under the supervision of Prof. Sanjeev Chatterjee, University of Miami, as part of Fulbright-Nehru Visiting Lectureship programme. Birla Academy, Calcutta, December 16, 2011.

Baseline Survey and Capacity Building Workshop under the ‘Science for Women’s Health and Nutrition’ project for Community Radio, JU, in collaboration with Department of Science and Technology, Govt. of India. TEQIP building, Jadavpur University, December 17-22, 2011.


Special Workshop on ‘Representation of Children in the Media’ in collaboration with the UNICEF. Conclave, Calcutta. February 25, 2012.
A total of 5 workshops were organized under the ‘Community Radio Child Radio Reporter’ project of the School. Current and prospective reporters, all children from mostly the under-privileged sections of the society, participate in these workshops. Professionals from various fields help the participants acquire skills of reporting child issues and other relevant social issues for 90.8 Community RadioJU. The dates of the workshops are: April 24, 2011, May 7, 2011, August 20-22, 2011, January 22, 2012, and January 29, 2012.

2 workshops were organized under the project ‘Newsletter for Vikramshila Education Resource Society’s Nabadisha Programme’. The ‘Peer-Assisted Learning’ (PAL) group of the project, comprising of 18 under-privileged children of the age of 8-14 years, are trained in these workshops for developing skills of writing, editing, publishing and bringing out a quarterly magazine for children. The dates of the workshops were May 27, 2011 and September 29, 2011.

A total of 5 workshops (one each on planning, fieldwork, scripting, shooting, post-production) were held between July 28, 2011 and December 16, 2011, under the project titled ‘East Kolkata Wetlands: A 360° View’ in which a group of Jadavpur University students worked towards researching and documenting the ecological value of East Kolkata Wetlands under the supervision of Prof. Sanjeev Chatterjee, University of Miami, as part of Fulbright-Nehru Visiting Lectureship Programme. The School of Media, Communication and Culture partnered with the United States-India Educational Foundation (USIEF) conducting the project and hosting Prof. Chatterjee for a period of 6 months (July-December, 2011).

2012-13
4-day workshop on ‘Camerawork for Multimedia Stories’ with Chandan Goswami, renowned cinematographer held between February 23-26, 2013. Students had theoretical as well as hands on training on various aspects of using camera for multimedia storytelling
4-day workshop on ‘Editing for Multimedia Stories’ with Tuhinabha Majumdar, renowned editor held during March 6-9, 2013. Students learnt theoretical aspects and had practical editing experience for multimedia storytelling
Presentation on ‘Narrative Journalism’ made by Jonathan Shainin, Senior Editor of The Caravan magazine on January 11, 2013. The presentation was followed by an interactive session with students.
Orientation workshop for the ‘Child Radio Reporter’ project was conducted by Shuktara Lal and Abhishek Das on August 18 at Vivekananda Hall, Jadavpur University, for Community RadioJU.
Outdoor Workshop as part of outreach programme for the project ‘Child Radio Reporter’ was held in collaboration with various schools and Udvas, an NGO, for Community RadioJU.
Special Workshop under the project ‘Child Radio Reporter’ was conducted on January 19, 2013 at Vivekananda Hall.
SCHOOL OF MOBILE COMPUTING & COMMUNICATION

Articles Published/Accepted in Journals:


45. Pampa Sadhukhan, Pradip Kumar Das, Sayantani Saha: Hybrid mobility management schemes integrating mobile IP and SIP for seamless invocation of services in All-IP network, Telecommunication Systems, Volume 52, No.4: 2027-2046 (2013)


Page 512


**Papers Published/Accepted in International/National Conferences:**


2. Sarbani Roy, Dhrubajyoti Chatterjee, Nandini Mukherjee, "Capability Aware Routing Algorithm for Mobile Ad-Hoc Network in Workplace", accepted for publication in 16th IEEE International Conference on Networks, (ICON 2008) to be held in New Delhi, India, 12-14th December, 2008.


6. Saptarshi Debroy, Sabyasachi De, Saikat Das, Angshuman Chakraborty, Pradip K. Das, Sanjoy Paul, “MyPULSE: Mobile Yellow Pages with User Interest and Location Sensing Ensemble”, accepted for presentation at the IEEE Region 10 International Conference (TENCON) to be held in Hyderabad, India, during November 18-21, 2008.
7. Saptarshi Debroy, Sahyasachi De and Pradip K Das, “GRASP: Geographic Rendezvous Application through SMS Pushing”, accepted for publication at the 16th IEEE International Conf. on Networks (ICON 2008) to be held in New Delhi, India, during December 12-14, 2008.
24. Madhumita Chakraborty, Sarbani Roy, Nandini Mukherjee,”Clustering Dependent Tasks for Execution in Grid Environment”, Accepted for publication in The 2009 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA’09).

Page 515


52. Barsha Mitra, Debarshi Kumar Sanyal, Matangini Chattopadhyay and Samiran Chattopadhyay, A Novel QoS Differentiation Framework for IEEE 802.11 WLANs: a Game-Theoretic Approach Using an Optimal Channel Access Scheme, accepted for publication in International Conference on Computational Intelligence and Information Technology – CIIT 2011, to be published in Communications in Computer and Information Science, Springer.


57. Matangini Chattopadhyay et al, E-Learning Content’s Template Design with Subjective Metadata, accepted for publication in the Proceedings of the 10th world conference on mobile and contextual learning, Beijing, China.


List of doctoral, post-doctoral students and Research Associates from same university

<table>
<thead>
<tr>
<th>SERIAL NO</th>
<th>PhD DISSERTATION TITLE</th>
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<tr>
<td>1</td>
<td>Studies on rheocast magnesium alloys &amp; composites by P.Poddar</td>
<td>2010</td>
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<td>2</td>
<td>Study of the kinetics of in situ reduction of metallic salt in silica alumina gel matrix, by S. (Mallick) Banerjee</td>
<td>2008</td>
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<td>3</td>
<td>Deposition of Si-C-N nanocomposite hard coatings by magnetron sputtering, by A.S.Bhattacharya</td>
<td>2009</td>
</tr>
<tr>
<td>4</td>
<td>Study of structure and property relationship in thermal barrier coating systems, by S.DAS</td>
<td>2009</td>
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<tr>
<td>5</td>
<td>Interaction of Al2O3 with Magnesia Aluminate spinel at high temperature by S. Pal</td>
<td>2010</td>
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<td>6</td>
<td>Preparation and characterization of silica-silicon nitride-silicon carbide nanocomposites through sol-gel route, by M.GhoshChaudhuri</td>
<td>2010</td>
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<tr>
<td>7</td>
<td>Physical and Chemical Characterisation of Briquettes made from Indian and South Africa Chromite Concentrates and their Smelting behaviours by RanjanSen</td>
<td>2010</td>
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<td>8</td>
<td>Synthesis of nano zinc oxide for bio sensor application by P.Bhadra</td>
<td>2012</td>
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<td>9</td>
<td>Synthesis of nanostructural materials &amp; its biofunctionalization by J Sarkar Manna</td>
<td>2012</td>
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<td>10</td>
<td>Carbon based nanostructures for field emission applications by D.Banerjee</td>
<td>2012</td>
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<tr>
<td>11</td>
<td>Investigation of some novel carbon &amp; metal oxide one dimensional nanostructure materials by D.Sarkar</td>
<td>2012</td>
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<tr>
<td>12</td>
<td>Investigation of some novel carbon &amp; metal oxide one dimensional nanostructure materials by ArunavaJha</td>
<td>2012</td>
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<td>13</td>
<td>Investigation on the Electrical and Optical Properties of Polyaniline Nanostructures and Their Composites By Sumita Goswami</td>
<td>2013</td>
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On-going PhD

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<tr>
<td>1</td>
<td>Recovery of metal values from chromite over burden using biophysically&amp;metallurgical treatment- S.Biswas</td>
<td>2009</td>
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<td>2</td>
<td>Optimization of process parameters for the production of ferroalloys from titaniferrous magnetite ore-S.Samanta</td>
<td>2009</td>
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<tr>
<td>3</td>
<td>Studies on the role of various dopant on the microstructure &amp; dielectric properties-M.Ambroli</td>
<td>2006</td>
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<td>4</td>
<td>Synthesis &amp; Characterization of doped &amp; undoped Barium Stannate- AshimaMaiti</td>
<td>2013</td>
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<td>5</td>
<td>Processing and properties of some Glasses and their nanocomposites of oxide and chalcogenide systems-AtiarRahamanMolla</td>
<td>2012</td>
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<td>7</td>
<td>Studies on the Reaction Kinetics and Characterization of Fly Ash Based Geo-polymer –Susanta Kr Nath</td>
<td>2013</td>
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<td>8</td>
<td>Role of some transitional metal oxides on the micro structure and mechanical behavior of reaction sintered zirconium Mullite containing composite, by D.Chanda</td>
<td>2006</td>
</tr>
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<td>9</td>
<td>Study of the effect of modification of slag composition and covering compound on the corrosion of the tundish working lining, by A.R.Pal</td>
<td>2008</td>
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<tr>
<td>SERIAL NO</td>
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<td>1</td>
<td>Praveen Kumar Singh</td>
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<td>2</td>
<td>Soumya Sarkar</td>
<td>Awarded</td>
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<tr>
<td>3</td>
<td>Sudipta Goswami</td>
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</tr>
<tr>
<td>4</td>
<td>Monjusha Chakraborty</td>
<td>Awarded</td>
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<tr>
<td>5</td>
<td>Sheuli Hore</td>
<td>Registered in 2011</td>
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Books

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<tr>
<th>Sl.No</th>
<th>Names of all the Authors as they appear in each paper</th>
<th>Title of The Paper</th>
<th>Name of the Journal, Volume, Year and Page</th>
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<td>2.</td>
<td>Sushil Kumar Chaudhary, Niladri Maity, Satanu Bhadra, Neelesh Kumar Nema, B. P. Saha, Pulok K. Mukherjee</td>
<td>Angiotensin Converting Enzyme inhibition activity from the essential oils of Indian spices</td>
<td>Natural Product Communications 2013, 8 (5), 671 - 672</td>
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<td>12</td>
<td>Gantait, A., Maji, A., Barman, T., Banerji, P., Venkatesh, P., Mukherjee, P.K.</td>
<td>Estimation of capsaicin through scanning densitometry and evaluation of different varieties of capscicum in India</td>
<td>Natural Product Research 2012, 26 (3), 216-222</td>
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<td>14</td>
<td>Santanu Bharda, Pulok K. Mukherjee, A. Bandypadhyay</td>
<td>Cholinesterase inhibition activity of Marsilea quadrifolia Linn. an edible leafy vegetable from West Bengal, India</td>
<td>Natural Product Research, 2012, 26 (16), 1519-1522</td>
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<td>20</td>
<td>Pulok K. Mukherjee, S. Ponnusankar, P. Venkatesh</td>
<td>Synergy in Herbal Medicinal Products: Concept to Realization</td>
<td>Indian Journal of Pharmaceutical Education and Research, 2011, 45(3)</td>
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<td>21</td>
<td>S Pandit, A Bandypadhyay, S Ponnusankar, Sarada Ota, Pulok. K. Mukherjee</td>
<td>Exploiting the possible metabolism mediated interaction of Glycyrrhiza glabra extract with CYP3A4 and CYP2D6</td>
<td>Phytotherapy Research, 2011 25 (10), 1429-1434</td>
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<td>26</td>
<td>S. Ponnusankar, Suhrita Pandit, R. Babu, A. Bandypadhyay, Pulok K. Mukherjee</td>
<td>Cytochrome P 450 inhibitory potential of triphla-a rasayana from Ayurveda</td>
<td>Journal of Ethnopharmacology, 2011, 133 (1), 120-125</td>
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<td>33.</td>
<td>Kuntal Matti, Kakali Mukherjee, Venkatesh Murugan, Bishnu Pada Saha, Pulok K Mukherjee Enhancing bioavailability and hepatoprotective activity of andrographolide from Androgaphis panikata, a well-known medicinal food, through its herbosome Journal of Science and Food Agriculture, 2010, 90, 43–51</td>
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<td>35.</td>
<td>P. K. Mukherjee, P. Venkatesh, S. Ponnusankar Ethnopharmacology and integrative medicine – Let the history tell the future Journal of Ayurveda and Integrative Medicine, 2010, 1, 100-109</td>
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<td>43.</td>
<td>P. Venkatesh, Pulok K Anti-allergic activity of standardized Immunopharmacology and</td>
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<td>Authors</td>
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<tr>
<td>Mukherjee, N. Satheesh Kumar, A. Bandyopadhyay, Hiroyuki Fukui, Hiroyuki Mizuguchi, Nurul Islam</td>
<td>extract of <em>Albizia lebbeck</em> with reference to catechin as a phytomarker</td>
<td><em>Immunotoxicology</em> 2010, 32 (2), 272-276.</td>
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<td>V. Kumar, K. Mukherjee, S. Kumar M. Mal, and P. K. Mukherjee</td>
<td>Validation of HPTLC method for the analysis of taraxerol in <em>Clitoria ternatea</em></td>
<td><em>Phytochemical Analysis</em>, 2008, 19 (3), 244-250.</td>
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<tr>
<td>Mukherjee, P.K., Satheesh Kumar, N. &amp; Heinrich, M.</td>
<td>Plant Made Pharmaceuticals (PMPs) - Development of Natural Health Products from Bio-Diversity</td>
<td><em>Indian Journal of Pharmaceutical Education &amp; Research</em>, 2008, 42(2), 113-121.</td>
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</tr>
<tr>
<td>Arish K Sahoo, Nisha Narayanan, S. Rajan and Pulok K. Mukherjee</td>
<td>A Flavonoid Glycoside from the Leaves of <em>Morinda tinctoria</em></td>
<td><em>Natural Product Communication</em>, 2008, 3(9), 1495-1496.</td>
<td></td>
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</tbody>
</table>
Monographs : 05

ICMR Task Force Scheme Ref No – MPU/HD-Monog/21/2004/ for the project entitled - “Development of Quality Standards of Indian Medicinal Plants and Preparation of Monographs there of” by Indian Council of Medical Research (ICMR), New Delhi.

Monographs developed : 5

Books/ Book Chapters: 12

* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Date Database - International Social Sciences Directory, EBSCO host, etc.)
International Database (Scopus) = Documents 130; References =2827

* Citation Index –
2576 total citations by 1956 documents
* Impact Factor Range= 170-180
* h-index = 26
Cumulative Impact Factor of all publications | 173.45

According to Scopus web search:
- H-Index - 26
- Total Citation 2576 times in 1956 reputed journals and documents

According to Google Citations database:
- H-Index - 34, i10-index – 80
- Total Citation for over 4365 times

**PhD completed and ongoing: 16/8**

1. “Lead finding from Indian Hypericum species” Atul Murlidhar Wahile, UGC fellowship [completed, 2006], Jadavpur University, Kolkata.
2. “Phytomedicinals for cardiac hypertrophy” S. Raja, AICTE QIP fellowship [completed, 2006], Jadavpur University, Kolkata.
3. “Exploring Herbal formulations from Indian system of medicine” Sujay Rai, ICMR fellowship [completed, 2007], Jadavpur University, Kolkata.
4. “Herbosomes – Value added Herbal drug delivery system” Kuntal Maiti, DST fellowship, [completed, 2007], Jadavpur University, Kolkata.
6. “Lead finding for Acetyl cholinesterase Inhibitors from Indian system of medicine” V. Kumar, DBT fellowship [completed, 2008], Jadavpur University, Kolkata.
8. “Phospholipid complex of polyphenols – Approach towards better herbal dosage” M. Venkatesh, CCRAS [completed, 2010], Jadavpur University, Kolkata.
9. “Screening of Acetylcholinesterase (AChE) Inhibitors from some Indian spices”, N. Satheesh Kumar, UGC Research Fellowship [completed, 2010], Jadavpur University, Kolkata.
10. “Evaluation of Botanicals through Marker Profile” Arunava Gantait, State Govt, Senior Research Fellowship [completed, 2010], Jadavpur University, Kolkata.
11. “Evaluation of immunomodulatory activity of different parts (rhizome and seeds) of Nelumbo nucifera” - Mr. Debajyoti Mukherjee, CSIR, Senior Research Fellowship [completed, 2010], Jadavpur University, Kolkata.
12. “Pharmacovigilance study of few herbs used in Indian system of medicine”. S. Ponnusankar, AICTE, QIP fellowship [completed, 2010], Jadavpur University, Kolkata.
15. “Lead finding for acetylcholinesterase (AChE) and butyrylcholinesterase inhibitors from Indian medicinal plants”. Santanu Badra, DST fellowship [completed, 2012], Jadavpur University, Kolkata.
17. “Antiaging and anti-wrinkle formulation development from Indian Medicinal Plants”. Neelesh Kumar Nema, DST-DPRP fellowship, registered for PhD, July 2010, Jadavpur University, Kolkata.
18. “Lead finding for Angiotensin Converting Enzyme (ACE) Inhibitors from Indian medicinal plants”, Sushil K. Chaudhary, CSIR fellowship, registered for PhD, August 2011, Jadavpur University, Kolkata.
19. “Enhancing the bioavailability of some therapeutically potent phytomolecules through herbosomes” Sauvik Bhattacharyya, State Govt Research Fellowship, registered for PhD, July 2011, Jadavpur University, Kolkata.
20. “Therapeutic leads from Indian Medicinal Plants for improvement of Cognitive function” Manoj K. Dalai, AICTE, QIP fellowship, registered for PhD, November 2011, Jadavpur University, Kolkata.
22. “Development And Evaluation of some value added herbal formulation” Rajarsi Biswas, State Govt Research fellowship, registered for PhD, September 2012, Jadavpur University, Kolkata.
23. “Lead finding from Indian Medicinal plants for Antiviral Potentials” Debayan Goswami, UGC-BSR, Research fellowship registered for PhD, September 2012, Jadavpur University, Kolkata.
24. Chromatographic evaluation and antimicrobial investigation of some medicinal plants extract, Mrinmoy Nag, Ulysses Research Foundation project fellowship registered for PhD, January 2013, Jadavpur University, Kolkata.
SCHOOL OF NUCLEAR STUDIES & APPLICATION

Publications


Conference Proceedings / Presentations:


3. Saha, Suman; Das, Saptarshi; Ghosh, Ratna; Goswami, Bhaswati; Gupta, Amitava; Balasubramanian, R.; Chandra, A. K.; Das, Shantanu; Fractional Order Phase Shaper Design with Routh's Criterion for Iso-Damped Control System, Proceedings of Indicon 2009, Dec 18-20, 2009, Ahmedabad, India
SCHOOL OF OCEANOGRAPHIC STUDIES

Publications (2008-13)


44. Sen, S., Sen, G.K., Tewary, B.K., (2011)Methodological validation of Quality of life questionnaire for Coal mining groups– Indian scenario, Social Indicator Research P. 1-20


55. Kayal, J. R., Arefiev, S S. et al., 2010. The 2009 Bhutan and Assam felt earthquakes (Mw 6.3 and 5.1) at theKopili fault in the northeast Himalaya region, Geomatics, Nat. Haz and Risk, 1: 73-81. doi: 10.1080/19475705.2010.486561


61. Mukherjee, D., Das, M., Sen, G.K., Water Quality Assessment in the Mangrove Ecosystem of Indian Sundarban, Asian Journal of Microbiology, Biotechnology and Environmental Science


64. Mukherjee, D. and Sen, G.K. (2009): Mangrove filtration of nutrients in and around the Muriganga and Subarnarekha estuary on the east coast of India Pollution Research Volume 27, Issue-4, pp 659-663


Conference Publications and Chapters in Book:-


Page 531


13. Saha B.K: Geological Appraisal And Coastal Hazard Preparedness With Special Reference To East Coast Of India, Bay Of Bengal --- International conference on Geoscience for global development in Dhaka in October 2009


15. Saha B.K: Reviewed proposals for selection of world heritage nomination for two consecutive years (2008 and 2009) as IUCN (UNESCO) reviewer


Books and Monographs (2008-13)
   ISBN 978-3-8454-1076-0 Debabrata Mukherjee, Kumudranjan Naskar, Goutam Kumar Sen
3. Climate Change Adaptation in Coastal Regions of West Bengal : WWF India, New Delhi: 2012 // awsassets.wwfindia.org Sugata Hazra
1. Publications:

- Number of papers published in peer reviewed journals (national/international)
  - National: 17
  - International: 53
- Monographs: 5
- Chapters in Books: 1
- Edited Books: 1
- Books with ISBN with details of publishers: 3
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
  - Scopus: 45
- Citation Index – range / average: Range: 0 – 6, average = 0.6222
- SNIP: Range: 0 - 1.131, average = 0.3770
- SJR: Range: 0 - 1.100, average = 0.2071
- Impact Factor – range / average: Range: 0.596 – 2.488, average = 1.326
- h-index: 3

Publications (International)


**Publications (National)**


### Chapters in Books:

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<th>Chapter Name</th>
<th>Authors</th>
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<tr>
<td>Advances in Hydrologic Modeling, edited by Assoc. Water and Environmental Modeling</td>
<td>Application of Artificial Neural Network to analyze the effect of variable Dispersion Number on Reynold’s number and Hydraulic Gradient in a Horizontal Roughing Filter</td>
<td>Mr. B. Mukhopadhyay, Mr. M. Majumder, Mr. R. N. Barman, Dr. P. K. Roy and Prof. Dr. A. Mazumdar</td>
<td>WorldClay™ Publishers, USA, (ISBN: 978-0-557-03395-9)</td>
<td>2008</td>
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### Edited Books:

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<tr>
<td>1</td>
<td>Impact of Climate Change on Natural Resource Management</td>
<td>M. Majumder and B. K. Jana</td>
<td>Springer Publisher, Netherland</td>
<td>2009</td>
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<td>ISBN: 978-904813580-6</td>
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<td>DOI: 10.1007/978-90-481-3581-3</td>
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### Books with ISBN with details of publishers:

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<tr>
<td>1</td>
<td>Published a text book titled “Water Resources Engineering (3rd Edition)”</td>
<td>Dr. Pankaj Kumar Roy &amp; Prof. Asis Mazumdar</td>
<td>APH Publisher</td>
<td>2013</td>
</tr>
<tr>
<td>2</td>
<td>“A Review of Environmental Impact Assessment of a Hydropower Project”</td>
<td>Dr. Pankaj Kumar Roy, Prof. Asis Mazumdar &amp; Debjani Bhattacharya</td>
<td>LAP LAMBERT Academic Publisher, AV Akademikerverlag GmbH &amp; Co. KG, Germany.</td>
<td>2013</td>
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</table>
SCHOOL OF WOMEN’S STUDIES

Publications

Samita Sen

Number of papers published in peer reviewed journals (national / international): 3


Chapters in Books: 6


Crossing Communities: Religious conversion, Rights in Marriage, and Personal Law in Flavia Agnes and Shoba Venkatesh Ghosh (eds) *Negotiating Spaces: Legal Domains, Gender Concerns and Community Constructs*, Oxford University Press, New Delhi, 2012.

Edited Books: 2


Nirmala Banerjee, Samita Sen, Nandita Dhawan (eds), *Mapping the Field: Gender Relations in Contemporary India – Selected Readings* (2 volumes), Stree Publications, 2011.

Paromita Chakravarti

Number of papers published in peer reviewed journals (international): 6


“I have no other but a woman’s reason”: Folly, femininity and sexuality in Renaissance Discourses and Shakespeare’s Plays, *Shakespeare Yearbook*, vol.6, Ashgate, 2008, UK, pp.136-161


“The sex education debates: teaching ‘Life Style’ in West Bengal, India” in *Sex Education*, vol.11, Number 4, November 2011, Routledge, UK, pp.389-400.


Chapters in Books: 7


Women’s Education in India at the start of the twenty-First Century: Implications of the National Knowledge Commission Reports. In *A Tribute to David N. Wilson: Clamouring for a Better World*, Masemann, V., Majhanovich, S.,


Edited Books: 1

Aishika Chakraborty

Number of papers published in peer reviewed journals (National/International): 2


“Desire and Deviance: Dance Dramas of Tagore”, SACH, South Asia Chronicle, Humboldt, Germany. Forthcoming

Chapters in Books: 5


Edited Books: 1

Jayee Bagchi

Monographs: 1

‘Ekaal kokhon shuru holo?(When did this Era begin): Mapping Modernity in Women’s Discourse in Colonial Bengal’ in Scripting the Nation, Occasional Paper series 9, School of Women’s Studies, Jadavpur University, Kolkata, 2009.

Chapters in Books: 1


Edited Books: 2


Sishukanya: katha o kahini (a volume on girl child), Dey’s Publishing House and School of Women’s Studies, Jadavpur University, Kolkata, April 2011.

Sudarshana Sen

Number of papers published in peer reviewed journals (national / international): 2


Chapters in Books: 10


Books: 1
'Samakalin Samajik Tatwa' a book in Bengali on Contemporary Social Theory to be published from Pearson India in September 2013.

Books with ISBN with details of publishers: 1

Occasional Papers: 1

Nandita Dhawan
Number of papers published in peer reviewed journals (international): 1

Chapters in Books: 2

Edited Books: 2

Nilanjana Sengupta
Number of papers published in peer reviewed journals (national): 2
Sengupta, Nilanjana, ‘Poor Women’s Empowerment: The Discursive Space of Microfinance’, Indian Journal of Gender Studies, June 2013. ISSN: 0971-5215, Online ISSN: 0973-0672

Chapters in Books: 1

Ranjita Biswas
Chapters in Books: 2
Edited Books: 1


**Hardik Brata Biswas**

Monographs: 1

Monograph published by National Level Publishers

Spatializing Families and Fantastic Couples: Photographs as Cultural Identity and ‘Performance’, School of Women's Studies, Jadavpur University, 2011, ISBN:81-806954-7-4

Chapters in Books: 5

Number of Chapters contributed in Edited Volumes published by international publishers


- For Adults Only: Notes on Reading Family, Speechifying Women in *Bangla Print Pornography in Intimate Others: marriage and Sexualities in India.* Eds. Samita Sen, Nandita Dhawan and Ranjita Biswas, Stree Samya, Kolkata and School of Women’s Studies, Jadavpur University, 2011, ISBN: 81-906760-1-6 and 978-81-906760-1-4


Edited Books: 1


**Nandini Mukherjee**

Number of papers published in peer reviewed journals (national / international): 1

Pattern of Urban Poverty in West Bengal during 1980-2010: An Inter-Regional and Inter district Analysis - Nandini Mukherjee, *Artha beekshan – Vol. 21 No 3 Dec. 2012* page 1-10 ISSN 0972-1185

Chapters in Books: 2


**Panchali Ray**

Chapters in Books: 1


**Aparna Bandyopadhyay**

Chapters in Books: 3


Publications by Research Scholars

Payoshni Mitra
Number of papers published in peer reviewed journals (national / international): 1

Tumpa Mukherjee
Chapters in Books: 2 (published)

Edited Books: 1
Indian Prison: Towards Reformation, Rehabilitation and Resocialization K. Jaishankar, Tumpa Mukherjee, Priti Bhardwaj, Megha Desai, Atlanta, New Delhi. (in Press)

Saayan Chattopadhyay
Number of papers published in peer reviewed journals (national/international): 5

Chapters in Books: 5

Kaniska Sarkar
Number of papers published in peer reviewed journals (national/international): 1
Geographical Appraisal of Swine Flu.- Geographical Review of India.- 0375-6386.

Chapters in Books: 3
Level of Damages By AILA In 2009 And Changes of Social And Environmental Component In South 24 Parganas, W.B.- Global Environment: Contemporary Issues and Challenges.- Integrated Research and Development Foundation.- 978-81-921382-2-0
Human Trafficking and Its Relation With Cross Border Migration to West Bengal From Nepal And Bangladesh.- Progressive Publisher , Kolkata. (forthcoming) - 978-81-8064-252-4

Page 542
Anindita Ghosh
Occasional Papers: 1

Chapters in Books: 1


Madhurima Mukhopadhyay
Number of papers published in peer reviewed journals (national / international): 1
An article titled, Match Makers and Intermediation: Marriage in Contemporary Kolkata in Economic and Political Weekly, October 27, 2012, Vol. XLVII No.43

Chapters in Books: 6


Translation of selections from Kanan Devi’s Sabar e Ami Nomi in the volume Women Writing Gender: Voices and Verses of Talking Stars ed. Dr. Madhuja Mukherjee, Stree & School of Women's Studies, Kolkata (Forthcoming)
An article entitled, Globalisation, Wedding Practices and Expenses: Remolding Tradition. A Study among the Hindu Bengalis in Kolkata from Midnapore College and Asha Deep Publishers (Forthcoming)

Animesh Baidya
Number of papers published in peer reviewed journals (international): 1

Amrita Basu Roy Chowdhury
Number of papers published in peer reviewed journals (national/international): 3
Gender and Class in Miss Julie: A Feminist Reading. Published in Contemporary Research in India, Wizcraft Publications & Distribution Pvt. Ltd., 2012.ISSN 2231-2137
Hysteria and Strindberg: Miss Julie and The Father,Published in Drishti: the sight, Puthi Prahash, 2012. ISSN 2319-8281
Naturalism in Strindberg’s The Father. Published in Wizcraft Journal of Language & Literature, Wizcraft Publications & Distribution Pvt. Ltd., 2012. ISSN 2319-4952

Chapters in Books: 1
Development Communication and Women’s Health in Rural India. Published in Development Communication: Role of Media, Rupali Publishers, 2012. ISBN 978-93-81669-00-6

Books published by the School (in Bengali, in collaboration with Dey’s Publishing, Kolkata, 700 073)
[Available at Dey’s Publishing, 13 Bankim Chatterjee Street, Kolkata 700 073 (College Street), Phone no. 2241 2330, 2219 7920]


Page 543
Books published by the School (in Bengali and in English, in association with Stree, Kolkata 700 026)


Occasional Papers (in English, published by School of Women's Studies, JU)

1. Anirban Das, Ritu Sen Chaudhury, Jayeeta Bagchi: Scripting the Nation: Bengali Women's Writing, 1870 to 1960s (Occasional Paper 9). School of Women's Studies, Jadavpur University. Kolkata: June 2009. Rs. 80.00

Report (in English, published by School of Women's Studies, JU, for free distribution only)

Collaborations

The School of Woman's Studies, Jadavpur University collaborated with the Centre for Canadian Studies to organize a 2-day International Conference on The Reality of the Indigenous Woman: Canada and India on 5-6 February 2009 at the Buddhadeva Bose Sabhaghar, Department of Comparative Literature, Jadavpur University.

In 2008-09 the following three workshops were organized by the CHILDLINE project 1. Mental Health Problems of Children: Role of Care Givers, 2. Laws Related to Children: Helping child to protect his right 3. Role of Police in protecting child rights. They were funded by the National Institute of Social Defense, Govt of India.

The School of Women's Studies organized a one day-long workshop with The Media Lab and the School of Cultural Texts and Records on Metadata Harvesting on 19 November 2009 at Jadavpur University. It was funded by India Foundation for the Arts, Bangalore. There was a participation of various humanities archival projects at the University. Projects and archives which dealt with visual, moving image and textual; archiving came together to share thoughts on standards of metadata harvesting.

The School organized a conference on Marriage and Intimacies in Kolkata from 22-23 December 2009 at the Jadavpur University supported by IAWS and the Rosa Luxemburg Stiftung, Berlin. The conference was been inspired by the School's critical engagement with a project entitled, “Renegotiating Gender Relations in Marriage: Family, Class, Community in Kolkata in the era of Globalisation” being funded by Rosa Luxemburg Stiftung (RLS), Germany. The conference tried to reassess important political debates and theoretical frameworks of gender relations with overlapping frameworks of marriage, sexualities and living practices through an interdisciplinary feminist perspective.

The School of Women's Studies organised a workshop with undergraduate college teachers on 9 February 2010 at Jadavpur University. The aim of the workshop was to get a feedback on the previous interactive workshops and refresher courses held with college teachers, and to explore future tie-ups in the form of clustering.

The School of Women's Studies in collaboration with the International Centre for Research on Women (ICRW) and Association for Advocacy and Legal Initiatives (AALI) organised a two-day National Workshop on Reviewing Trafficking in Women and Children in India on 24-25 March 2010. The workshop was funded by Oak Foundation, Geneva. It was attended by about 75 participants drawn from approximately 25-30 groups working on different aspects of trafficking in India, as well as human rights, labour rights, children’s rights and women’s rights groups, and observers from Nepal who are in association with groups working on cross-border trafficking among the three countries. The meeting was resourced and supported by international and national experts on trafficking and human rights and the sessions were led by the key discussants to support the recommendations.

Under the SRTT Building Resources grant the School organised three 10-day residential workshops, between 2008 and 2010. The first one on Themes and Issues in Women's Studies, and the second one on Culture and Development: Feminist Crossings for researchers and college teachers. These workshops and the National Visiting Fellowship has vastly increased the span of our interaction and networking with other Women's Studies Centres and increased the visibility of our programme at the national level.

The School of Women's Studies, organized the 3rd SRTT-SWS Residential Workshop (18-26 May 2010) titled Women’s Studies and Systems of Knowledge: Contexts and Problems at Airland Resort, Pailan, South 24 Parganas, West Bengal. The workshop was inaugurated by Professor Pradip Narayan Ghosh, Honourable Vice-Chancellor of Jadavpur University. The chief guest was Professor Swapan Chakravorty, Director, National Library. The keynote address was delivered by Tejaswini Niranjana, Senior Fellow, Centre for Study of Culture and Society, Bangalore. The session was chaired by Professor Nirmala Banerjee.
The School of Women’s Studies, organized the SRTT JU Fellowship Seminar (2010) on 18 June 2010 at Anita Banerjee Memorial Hall, Jadavpur University. Four library and field fellows presented their work.

The School of Women’s Studies organized a consultative meet on 27 July 2010 at Jadavpur University to get feedback and suggestions from the experts in the socio-legal domain working on women’s rights on the first draft of a Legal Handbook on laws relating to women in India as a part of the project titled “Awareness Generation and Sensitization on the Issue of Domestic Violence in Kolkata”, funded by Rosa Luxemburg Stiftung, Germany.

The School of Women’s Studies, organized a workshop on ‘Rape to Sexual Assault: Legal Debates, Feminist Concerns on 28 July 2010 at Anita Banerjee Memorial Hall. The two-day workshop gave us an opportunity to come in contact with a number of organizations and individuals both locally and nationally. Along with an exchange of ideas and thoughts on trafficking in women and children, we could also build an effective network among the different participants for future collaboration and activities together.

The School of Women’s Studies, Jadavpur University as a part of the project entitled “Awareness Generation and Sensitization on the Issue of Domestic Violence in Kolkata”, organized a dissemination workshop in collaboration with Howrah Zilla Parishad and District Social Welfare Department, Howrah among government officials [DPO (ICDS)] and Elected Women Representatives (EWRs) from all the three-tiers in Howrah District on 4 August 2010 at the office premises of Howrah Zilla Parishad. A second dissemination workshop on domestic violence was organized as a part of the same project among the students of Shibpur Dinabandhu Institution (College), Howrah on 13 August 2010 at the college campus.

The School of Women’s Studies organized the SRTT JU Fellowship Seminar (2010) on 31 August 2010 at Anita Banerjee Memorial Hall. Four fellows presented part of the research work undertaken by them under the fellowship.

The School of Women’s Studies in collaboration with the Institute of Development Studies Kolkata and Stree Publishers organized a panel discussion on Women’s Writing and the Political History of Modern Bengal on the occasion of the publication of Sarmistha Dutta Gupta’s “Identities and Histories: Women’s Writing and Politics in Bengal” on 8 September 2010 at Vivekananda Hall, Subarnajyanti Bhavan, Jadavpur University. The panelists were Professor Supriya Chaudhuri, Professor Samita Sen, Dr Shubhhoranjan Dasgupta and Ms Samar pitya Mitra. The session was chaired by Professor Jasodhara Bagehi.

The School of Women’s Studies completed a research project in collaboration with Jeevika Development Society. The project traced the journey of the Self Help Groups promoted by Jeevika towards the formation of a federation named Swayamsampurna. The School of Women’s Studies organized a seminar entitled Organizing for Change: Jeevika’s Journey towards Women’s Empowerment through Swayamsampurna on the occasion of launching the report of the project on 14 September 2010 at Jadavpur University.

The School of Women’s Studies organized 4 SRTT Curriculum Building Workshops on (a) Gendering Disciplines: Possibilities and Challenges on 23 November 2010 at Jadavpur University (b) Women’s Studies, Women’s Movements: Rethinking Relationships and Politics was organized by the School on 10 January 2011 Jadavpur University (c) Gender and Politics: Interdisciplinary Approaches to Teaching and Research on 23 February 2011 at Jadavpur University (d) Critical Knowledges in Higher Education: Mapping the Ground was organized at the School of Social Sciences, JNU in collaboration with the Centre for Women’s Development Studies (New Delhi) from 14-15 March 2011.

In 2009-2010 the following two workshops were organized by the CHILDLINE project: 1. Juvenile Justice Act: Role of Police, 2. Emergence and implication of Child Rights: Role of Stake holders. They were funded by National Institute of Social Defense, Govt of India.

The School of Women’s Studies, very successfully organized the XIIIth IAWS National Conference on Women’s Studies around the theme Resisting Marginalizations, Challenging Hegemonies: Re-visioning Gender Politics at the Mahatma Gandhi Antarrashtriya Vishwavidyalaya (MGAHV), Wardha in collaboration with its Department of Women’s Studies from 21 - 24 January 2011. Professor Samita Sen was the general secretary and the SWS was the secretariat of the Indian Association of Women’s Studies. The preparation for the conference at the School of Women’s Studies, the IAWS Secretariat, began months before the actual date of the conference under the supervision of Professor Samita Sen, the IAWS General Secretary. The groundwork included designing and printing the conference brochure, preparation of reports to be disseminated during the
conference, completion of registration and membership formalities of the conference participants along with a continuous coordination with the members of the host team at Wardha. A team of 24 members from the School was present at Wardha during the conference as paper presenters, coordinators and volunteers. The ten subtheme sessions saw around 270 papers being presented in parallel sessions conducted on three days of the conference. One of the indicators of success of the conference has been the widespread participation in the conference with a total registration of around 750 participants from different parts of the country. This included 400 student participants. We had international participants as well.

• We jointly organized a two-day workshop for PhD students, entitled Gender, Power and Representation from 24-25 March 2011 at the Visva Bharati University campus. About fourteen PhD scholars from different universities of West Bengal and Jharkand (two were from Hyderabad as well) presented their research work and benefitted from the feedback given by experts in their respective fields.

• In 2010-2011 the following two workshops were organized by the CHILDLINE project: 1. Child Abuse, Corporal Punishment: Role of School Teachers on protecting child rights 2. Child Trafficking: The protection Mechanism. They were funded by National Institute of Social Defense, Govt of India

• Under the SRTT funding programme, the School has organized a series of consultation workshops on curricula, teaching and research in Women’s Studies. We organized the SRTT-SWS, JU Fellowship Seminar 2011 on 2 May 2011 at Jadavpur University.

• The School of Women’s Studies in collaboration with the publisher Charchapad organized a panel discussion on Unish Shatabdi: Madrun Sahitya: Bagamabilar Upashhti on the occasion of the formal publication of Prabashone Kolikaler Bangamabila: 1860-1909 (edited by Hardik Brata Biswas and published by Charchapad on 6 May 2011 at Jadavpur University. The panelists were Professor Pradip Kumar Basu, Dr. Ritu Sen Choudhury, Dr. Aishika Chakraborty and Sri Hardik Brata Biswas. The session was chaired by Professor Ratnabali Chatterjee. Sri Raghab Bardyopadhyay, on behalf of Charchapad, briefly shared his experiences in publishing the book.

• As part of the project, Awareness Generation and Sensitization on the Issue of Domestic Violence in Kolkata funded by Rosa Luxemburg Stiftung, Germany, the School of Women’s Studies, organized a workshop with Protection Officers from 19 districts of West Bengal on 15 June 2011 at Jadavpur University. The issues that came up for discussion were their role in the implementation of PWDVA, 2005 and any recommendations for better implementation of the Act.

• As part of the project, Awareness Generation and Sensitization on the Issue of Domestic Violence in Kolkata funded by Rosa Luxemburg Stiftung, Germany, the School of Women’s Studies, organized a workshop with Counsellors from 48 FCCs in all districts of West Bengal on 16 June, 2011 at Jadavpur University. The issues that came up for discussion were their role in the implementation of PWDVA, 2005 and any recommendations for better implementation of the Act.

• As part of the project, Awareness Generation and Sensitization on the Issue of Domestic Violence in Kolkata funded by Rosa Luxemburg Stiftung, Germany, the School of Women’s Studies organized a workshop, in association with the NGO T-Shed, on awareness generation and experience sharing regarding domestic violence. The workshop was held on 4 July 2011 at the Community Hall in the Topsia settlement of the Rag Pickers. Participants were women and a few children from the settlement.

• The School of Women’s Studies organized a workshop on Labour, Organization and Trafficking: Looking through the Gender Lens on 22 July 2011 at the Seminar Room, Department of International Relations, Jadavpur Universities. The issues for discussion were “Gender, Labour and the Informal Sector: The Politics of the Collective”, “Labour, Migration and Trafficking: Looking through the Gender Lens” and “Labour, Migration and Trafficking: Looking through the Gender Lens”.

• As part of the project, Awareness Generation and Sensitization on the Issue of Domestic Violence in Kolkata funded by Rosa Luxemburg Stiftung, Germany, the School of Women’s Studies, in association with Jeerika, organized a workshop with Self Help Group Members working in South 24 Parganas and North 24 Parganas on 29 July 2011 at Joka. The discussion centered around generating awareness regarding the PWDVA, 2005 and their role in dealing with domestic violence in the community.

• As part of the project, Awareness Generation and Sensitization on the Issue of Domestic Violence in Kolkata funded by Rosa Luxemburg Stiftung, Germany, the School of Women’s Studies organized a workshop with the MUC Women’s College, Burdwan in association with Punarnaba, a Human Rights Network. The workshop was held on
19 August 2011 and had college students from Ist, IInd and IIIrd Year of all disciplines participating. The aim of the workshop was to generate awareness and encourage interaction and experience sharing with the students on domestic violence.

- The School of Women's Studies organized a dissemination workshop on Women's Empowerment and Education: Panchayat and Women's SHG's in India on 25 August 2011 at Jadavpur University. The workshop was attended by members and workers of grassroots organizations from Coochbehar and Howrah in West Bengal and Aizawl and Lawngtlai districts in Mizoram. Diverse experiences of economic and political empowerment and challenges faced thereof were shared among the participants along with the screening of a documentary footage on the women's empowerment.

- The School of Women's Studies, Jadavpur University organized a one-day workshop on 14 November 2011 at Jadavpur University, on behalf of the Oak Foundation to facilitate the interaction of the Oak team members with NGOs working in the fields of “Women Migration and Trafficking”, “Child Safety and Protection”, “Livelihood and Gender”. This was mainly done to map the possible areas of funding researches in the above mentioned fields.

- The School of Women’s Studies, Jadavpur University is conducting a project (funded by Rosa Luxemburg Stiftung, Germany) entitled Awareness Generation and Sensitization on the Issue of Domestic Violence in Kolkata. A major objective of the project is to formulate mechanisms to improve the awareness and utilization of the Protection of Women from Domestic Violence Act (PWDVA), 2005. In this context the School of Women's Studies in collaboration with the West Bengal Commission for Women organized a Local Networking and Dissemination Workshop on 3 December 2011 at Vivekanda Hall, Subarna Jayanti Bhavan, Jadavpur University. The objective was to disseminate the main findings of the project to the participants of the workshop and to provide a platform for an effective dialogue between various stakeholders of the PWDVA. Another objective was to finalize a set of recommendations to be sent to relevant organizations at the national and state level for effective implementation of PWDVA.

- The first National Students’ Seminar organized by School of Women’s Studies was held on 13-14 March 2012 at Jadavpur University. The theme of the seminar was Agency and Resistance: Feminist Approaches. Research scholars from all over the country presented their papers. The seminar was a one of its kind because it was a first attempt at a women’s studies students' conference. It was conceptualized as well as organized by the M.Phil and Ph.D students of the School under the guidance and support of the faculty as well as the Director of the School.

- The organizers tried to incorporate papers from various scholars on multiple issues, taking care not to lose focus of the need for intersectionality in any successful endeavor under the women’s studies banner. The seminar aimed at focusing on issues of marginalization and thus endeavored to select papers on the marginalized communities and societies. In this light, a paper on the Matua Community had been enlightening and invoked quite an interactive discussion. The seminar was successful in terms of what it sought to achieve.

- The School of Women’s Studies in collaboration with the Centre for Rural Childhood, University of the Highlands and Islands and Oak Foundation organized a dissemination-cum-project planning workshop, Key areas of aftercare support for children affected by sexual exploitation and trafficking: What are we learning and where should we go from here?, 29 February – 1 March 2012 to disseminate and discuss the key findings from the first phase of research sought to assess evidence and opinions surrounding the value of current interventions and expand the evidence base so as to support practitioners in the future development of programmes. Representatives from 23 organisations including funding agencies, urban NGOs and grassroots organisations from West Bengal and Jharkhand attended the workshop. At the end of two days of debates and group discussions, the areas that the participants wanted to focus on and work further were:
  * Livelihoods, including labour marker assessments, which would also include identifying both opportunities with business partnerships and the soft skills required.
  * Investigating existing community structures that could offer support to exploited/trafficked children.

- The School of Women’s Studies in association with the Centre for Refugee Studies organized a one-day workshop on The Trope of Women and Children Displaced: Issues and Challenges at the Seminar Room of the Department of International Relations, Jadavpur University on 19 March 2012.

- In 2011-2012 the following two workshops were organized by the CHILDLINE project: 1. Ensuring child rights: Role of the stake holders, 2. Legislation and Assistance to trafficked victims. They were funded by National Institute of Social Defense, Govt of India

Page 548
- A day long workshop in collaboration with Apne Aap Worldwide on Sex Trafficking on 11 December 2012.

- As part of the project, _Increased Understanding of the Politics and Ideology of Trade Unions in West Bengal and Gujarat_, an interactive forum with trade union leaders was held on 27 December 2012. Participants from different labour unions met and interacted on various important issues related to labour and gender.

- In the aftermath of the Delhi rape case in December 2012, the students of the School took an initiative to organise an open dialogue on rape along with other students of the University on 11 January 2013. This was in response to growing instances of violence against women in the country and the state. A number of people working to reduce gender-based violence in Kolkata were invited to initiate this public dialogue which saw the participation not only of university staff and students but also the public at large. The striking feature of this event was the leadership taken by the students of the School. They distributed a leaflet to invite people to the dialogue.

- The school organized a seminar entitled _The Politics of the Collective: Gender, Informality and Organisation_ on 10 December 2012, it was supported by Rosa Luxemburg Stiftung, Germany.

- As a follow-up to the dissemination workshop on 10 December 2012, the School of Women’s Studies held an interactive forum with trade union leaders on 21 January 2013 at Vivekananda Hall, Subarna Jayanti Bhawan, Jadavpur University.

- The School organized an interactive session in collaboration with Sama - Resource Group for Women and Health, Delhi to share the research findings of the study on Commercial Surrogacy in India on 21 December 2012.

- _The Moving Space: Women in Dance (February 3-5, 2013)_, was organized jointly by Dance Alliance India and School of Women's Studies, Jadavpur University. Rabindranath Tagore Centre, ICCR, Kolkata, supported the event as a venue collaborator and the performances were supported by the Sangeet Natak Akademi. The Event was inaugurated on February 3, 2013 at the Rabindranath Tagore Centre, ICCR by Prof. Bharati Ray, former Vice President, ICCR, and Prof Jasodhara Bagchi, former Chairperson, West Bengal Commission for Women.

- The School organized a seminar titled _Screening Dance: Politics of the Performing Body_ on 24 July 2013 at Jadavpur University. In the first session Dr. Prarthana Purkayastha from University of Plymouth, UK presented a paper entitled, ‘The Nation and its Bodies: Resistive Choreography in Uday Shankar's Kalpana (1948)’ while the second presentation by Pallabi Chakravorty of Swarthmore College, USA explored 'Digitized Intimacy and Dance Reality T.V: An Ethnography of New Femininity and Masculinity'.

- In 2012-2013 two workshops were organized by the CHILDLINE project: 1. _Missing Children: Role of Police_, 2. _Role of adults in helping children to increase their coping abilities_. These were funded by National Institute of Social Defense, Govt. of India

Activities of the individual faculty members

Samita Sen

Paper presentation /participation in conferences, seminars and workshops (International and national):

- Delivered the Keynote Address at the UGC-sponsored National Seminar on Indian Women: Post-Colonial Context, organized by the Department of History, Bidhan Chandra College, Asansol, in collaboration with Bangiya Sakharat Prasar Samity.

- Attended a National Level Seminar, Human Rights Education on 6 November 2009, organised by the Dept. of History & Political Science, Sreegopal Banerjee College, Hooghly. She presented a paper.

- Attended as a speaker, the inaugural session of a workshop of Department of Women's Studies School of Culture, Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya, Wardha on 3-4 March 2010.

- Presented a paper on Trends in Higher Education in Eastern India, SRTT Quarterly Review Meeting, Ranchi on 27 October, 2010.

Invited lectures: (International and national)

International
• Invited as a keynote speaker to speak on Domesticity and Women’s Work in South Asia: A Case study of Domestic Workers in Contemporary Kolkata at “International Conference of the International Society for Cultural History”, Luneville, France, 2 - 6 July 2012

National:
• Invited to deliver a lecture on Women’s Empowerment, on 3 December 2008 by Uluberia College, Howrah.
• Invited to deliver a talk on 9 March 2009, on the occasion of the International Women’s Day Celebration, by the United Bank of India, South 24 Parganas Central Region, Behala
• Invited to deliver a talk on 27 March 2009 on the occasion of the International Women’s Day by the Association for Social Health in India, Kolkata.
• On 27 October 2009 Professor Samita Sen was invited as a Resource Person to deliver a lecture in the Refresher Course organized by the Women's Studies Centre, Burdwan University and the Academic Staff College.
• Invited as a Special Guest to participate in the UGC sponsored inaugural seminar on Indian Women: Rural and Urban Contexts organised by Women’s Studies Centre, Basanti Devi College in collaboration with the Centre for Strategic Studies, Kolkata, on 12 February 2010
• Invited to chair a session on Science, Technology and the Body at a two-day National Seminar entitled “Science, Technology and Society: A Historical Perspective” organised by Dept. of History, Jadavpur University on 5 March 2010
• Invited to deliver a lecture on Women and Work at the Refresher Course at the Women’s Studies Centre, University of Calcutta in January 2011.
• Invited to deliver a lecture on Women’s Movement at the Refresher Course held at the Department of History, University of Calcutta in February 2011.
• Invited to deliver a lecture on Visibility/Invisibility: An Enquiry into the conditions of Women in India at Maulana Azad College from 21-22 February 2011.
• Invited to deliver a lecture on Women Empowerment Commemorating 100 years of International Women’s Day, at Sammilani Teachers Training College, Mukundapur on 24 February 2011.
• Delivered a lecture at a Workshop on Gender Sensitive Issues & Policies Related to the RCH Programme in the West Bengal Government College of Nursing on 11-13 April 2011.
• Seminar, “Impact on Rural Women of Their Choice of Fuel Material for Cooking”, Anita Banerjee Memorial Hall, Jadavpur University, 10 April, 2012.
• Workshop, “The Challenges of Institutionalizing Women’s Studies, Women’s Studies Programme, Jawaharlal Nehru University, New Delhi-110 067, 19-20 April 2012.
• Presented a paper on an Overview of Women and Work in India, National Workshop, Gender and Labour, The School of Rural Development, Tata Institute of Social Sciences, Tuljapur, 16-17 December, 2012.
• Presented a paper on ‘Gender Method Course 007’ at a conference organized by Women's Studies Centre, Delhi University, 6-7 March 2013.
• Presented a paper on The debate that never was: Gender and class in Indian scholarship at “Feminist Inscriptions in Social Theory” organized by CESSSC.

Other activities: (International and national)
National:
• Attended a Review Committee Meeting, Women's Studies Curriculum, TISS Campus, Mumbai, 14 January, 2013.
• Attended a roundtable meeting, in view of the growing sexual violence against women-especially in the cities, Indian Council of Social Science Research, New Delhi- 110 067, 1 February 2013.

Paromita Chakravarti
Paper presentation /participation in conferences, seminars and workshops (International and national):
International:
• Dr. Paromita Chakravarti delivered a paper entitled Globalisation and Women’s Education in India: Gendering ‘Development’ at the International Conference “Women after independence; Politics, Development, Law and Media” jointly organized by UNESCO and Women's Cell, Visva-Bharati, 15- 16 November 2008.
• Presented a paper on Women’s Empowerment and Girls’ Education at the UGC sponsored seminar on “Women Empowerment-enrolment in Primary, Secondary, Technical-Integrated Education in West Bengal” organized by the Department of Education, Sivenath Sastri College, Kolkata, 12 April 2008.

• Presented a session on Schools of Feminism and Indian Women’s Movement at Chennai for Action Aid India managerial personnel at Chennai, 7 - 8 May 2008.


• Presented a talk on Disability in Textbooks at a regional workshop on disability rights organized by the West Bengal National University of Juridical Sciences and the National Human Rights Commission, 22-23 August 2008.

• Facilitated session on legal literacy for women at the two-day conference/workshop under Panchayat Mahila Shakti Abhiyan (Phase II) for elected women representatives, organized by the School of Women’s studies Jadavpur University in collaboration with the Government of West Bengal, 13-14 September 2008 at Dankuni.


• Delivered a paper entitled Madness and Mobility in Renaissance Discourses at Jadavpur University, in a travel conference entitled “On the Road”, 6-8 November 2008.

• Delivered the opening plenary talk on Feminist Epistemologies and Development Discourse at the “South Asian Region Conference on Gender Knowledge Production and Dissemination in Development” at Kathmandu, Nepal, 30-31 January 2009.

• Delivered a talk on the History of Sexuality at the Refresher Course on Social History organized by the Department of History, Calcutta University on 13 February 2009.

• Delivered two lectures on Queer theory and Queer literature at the Refresher course on “Literature and Thought” organised by the Department of English, Jadavpur University on 15 February 2009.

• Delivered talk on Women and Media at the Film Appreciation Course organized by Chalachitra Shatabarsha Bhavan in July 2012.

• Delivered talk on Gender in Popular Culture in workshop on Positive Discrimination, organized by Brahmananda Keshab Chandra College.

• Delivered talk at State Level workshop on Declining Sex Ratio Trends in West Bengal, 26 September 2012.

• Delivered talk on Creating Collective voices at State Level Consultation on “Strengthening Civil Society: Voices on Urban Poverty in West Bengal”, 8 November 2012.

• Presented Queer Spaces in Fiction and Film—in Refresher Course entitled “Fictional Spaces: Texts and Contexts” in Department of English, JU, 03-22 December 2012.


• Delivered talk on Gender Violence and Mental Health organized by Mon Foundation, 03 March 2013.

Organising seminars/conferences/workshops: (International and national)

International:

• Organised an International seminar entitled “Staged Encounters: History, Society, Identity and Shakespeare” as a collaboration between the Shakespeare Association of America and the Centre for Advanced Studies, Department of English, Jadavpur University between 18 - 20 December 2008.

National:

• Coordinated a workshop for college Teachers on “Issues In Women’s Studies”, Deulti, May, 2008 under the SRIT programme at the School of Women’s Studies, Jadavpur University. Delivered a talk on Sexualities and on 27 May 2008 and chaired session on Sexual Harassment in the Workplace on 30 May 2008.

• Conducted Gender Awareness and Sensitisation programme in Shyamaprasad College on 21 August 2012.

Other activities: (International and national)

International:

• Prepared a teaching module on “HIV and Children in India” for the Early Childhood Department of University of Cork, Ireland in 2010. Received a grant of Euro 15000.
Aishika Chakravarty
Paper presentation /participation in conferences, seminars and workshops (International and national):

International:

- Chaired a session in the conference on ‘Remembering the Past, Experiencing the Present, Exploring the Future’, at an international conference on International Association of Historians of Asia, Solo, Indonesia, 2-6 July, 2012
- Presented a paper entitled, “Staging Bengal Beyond Bengal: The Journey of Contemporary Dance from Colonial to Post-colonial Bengal”, at the International Conference of Bengal Studies, Dhaka University, Bangladesh, 17-19 December, 2011.
- Presented a paper entitled, “Gendering Performance: The Contemporary Intervention in Indian Dance”, at an international workshop on Engendering and Degendering South Asian Studies, Humboldt University, Berlin, Germany, 18-19 May, 2011.

National:

- Presented a paper entitled, “Gender and Performance: Indian Modern Dance”, at the National Conference of Indian Association for Women’s Studies, Mahatma Gandhi Antarastriya Vishwavidyalaya, in collaboration with Indian Association of Women’s Studies, New Delhi, Wardha, 21-24 January, 2011.
- Presented a paper entitled, “Gender and Marriage: Kulin Polygamy in Nineteenth Century Bengal”, at the National Conference on Renegotiating Intimacies: Marriage, Sexualities and Living Practices in India, II , School of Women’s Studies, Jadavpur University, in collaboration with Indian Association of Women’s Studies, New Delhi, with Rosa Luxemburg Stiflung Institute , Germany 22-23 December, 2009.

Invited lectures: (International and national)

International

- Presented a paper entitled, “Contesting Hegemony, Celebrating Defiance: The New Dance of the New Woman”, at an International Conference on Women, Creativity and Reform, Woman’s Studies Centre, Visva- Bharati University, 5-7 January, 2012.*
- Presented a paper entitled, ‘Towards a Future of Performance: Tagore and his New dance’, at an International Conference on Shantiniketan-Hellerau: Universalist Education in the Pedagogic Province, Humboldt University, Berlin, Germany, 7-9 October, 2011.*

National:

- Presented a paper entitled, “Writing Dance , Dancing Life: An ‘Other’ Voice from Bengal,” at an National Conference on The Moving Space , Women in Performance, organized by Dance Alliance, India and School of Women’s Studies, Jadavpur University, 3-5 February, 2013.
- Presented a paper entitled, “Prahasane Banganari”, at a Seminar on “Unabinghsa Sataker Mudran Sahiye Banga Mahilar Upasthiti”, School of Women’s Studies, Jadavpur University, 6 May, 2011.
Presented a paper entitled, “New Women, Kulin Women: Gender and Social Reform in Nineteenth Century Bengal”, at the annual seminar on Women of South and South-East Asia: Contacts, Interfaces and Interchanges, Women’s Studies Centre, Rabindra Bharati University and Adhir Chakrabarti Memorial Committee, 18 December, 2009.


Organising seminars/conferences/workshops: (International and national)

- Convener: “Screening dance: Politics of the Performing Body’, School of Women’s Studies, Jadavpur University, 24 July 2013.
- Organizing Committee Member: ‘Moving Space : Women in Dance’, Organized by World Dance Alliance in collaboration with the School of Women’s Studies, Jadavpur University, venue collaboration ICCR, Kolkata, 3-5 February 2013.
- Convener: UGC program on “Positive Discrimination” in Brahmananda Keshab Chandra College, Kolkata, in collaboration with School of Women’s Studies, Jadavpur University and Sachetana, Kolkata, 12 September, 2012.

Other activities: (International and national)

- Invited as a Resource Person
- *Dance Appreciation Course*, organized by West Bengal State Music Akademi, and Rabindra Bharati University, 2000-2011.
- Workshop on the *Dance Concept of Mangrahi Chaki Sircar*, organized by Department of Modern Dance and Research, Rabindra Bharati University, Kolkata, 26-27 March, 2009.
- Workshop on “Themes and Issues in Women’s Studies”, School of Women’s Studies, Jadavpur University, in collaboration with SRTT, 20 May, 2008.
- Participated and performed in several national and international conferences and dance festivals all over India. A select list is furnished below:
  - International Ballet Festival, New Delhi
  - Konark Festival, Konark
  - Puri Beach Festival, Puri
  - Sangeet Natak Akademi Festival, New Delhi
  - Uday Shankar Ballet Samaroha, Jaipur
  - Sachin Shankar Ballet Festival, Mumbai
  - *Basantahabba*, Nrityagram, Bangaluru
  - Choreography Festival, Kolkata
  - *Rabindra Jayanti Utsav*, Kolkata

International

- As a delegate of the Indian Council of Cultural Relations, visited Nepal.
- At the invitation of the Tagore Center, London, visited the United Kingdom and participated in several cultural programmes held in Oxford, Edinburgh, Greenwich, Glasgow, Newcastle, Stourbridge and London.
- Worked with Oxford Independent Video on an educational programme (Aranya Amrita) on Eco-feminism.

National

- Choreographic Direction of Dancers’ Guild’s production -Jajnaseni, the journey of a woman in Mahabharata. 2008
- Choreographic Direction of Dancers’ Guild’s production – Chitrangada, 2012
- Worked variously with Delhi Doordarshan and Kolkata Doordarshan
- Documented the life and work of dancer/scholar Ranjabati Sircar (1963-1999), which was published as a book in 2008.
- Staged Chitrangada in the conference on the Moving Space: Women in Dance, organized by World Dance Alliance, School of Women’s Studies, Jadavpur University and ICCR (venue collaboration) 2013.
- Invited by several dance and theatre organizations to present papers and hold workshops on the theory and practice of modern/ contemporary dance in India.
Sudarshana Sen

Paper presentation/participation in conference, seminar and workshops (International and national):

International:

National:
- ‘Women's Empowerment, Self Help Groups and a Positive Step Towards Reconciliation’: National Seminar on Marginalized Groups: Problems and Prospects in Contemporary India held at Dept. of Sociology, Vidyasagar University, Midnapore, on 5th and 6th March 2008 (National Seminar).
- ‘Self Help groups in West Bengal: A Step towards a Silent Revolution’: ICSRR Sponsored National Seminar on “Indian Society and Practicing Sociology: Changes and Challenges” held at Dept. of Sociology, University of Kalyani on 13th and 14th March 2008
- Anglo-Indian Women in an Old Age Home in Kolkata: Community and Family Values’: SRTT Workshop organized by School of Women's Studies Jadavpur University from 20th May-29th May 2008
- From Birsa Munda to Shah Rukh Khan: The Case of Munda Tribe at Baidyabati’ at Second Annual Conference of the Sociological Association of West Bengal on 22nd November 2008
- ‘Two Generations of Anglo-Indian women in Kolkata: Responses on Family and Marriage’ at SRTT Fieldwork Fellowship Presentation Seminar, School of Women's Studies, Jadavpur University on 27th November 2008
- ‘Studying Patriarchy: Feminist Ethnography Vs Positivism’ in UGC Sponsored National (SAP) Seminar at North Bengal University, Department of Sociology on 9 and 10 March 2011
- Has been appointed a Discussant at Two days National Students’ Conference at School of Women’s Studies, Jadavpur University on 13 March 2012.

Invited lectures: (International and national)

International:

National:
- Delivered a Lecture as a Panelist on ‘Inhabiting Interdisciplinary Spaces: Sharing Experiences’ in a Workshop on Gender and Politics: Interdisciplinary Approaches to Teaching and Research on 23 February 2011
- ‘Body: Interdisciplinary Scholarship on the Dimension of Everyday’, Speech delivered as a Panelist at 5th Annual Conference of the Sociological Association of West Bengal on ‘Sociology and Everyday’, 12-13 March 2013, at North Bengal University, Siliguri
- Panelist at Derozio Forum for Anglo-Indian Studies, Round Table and Seminar on 15 July 2013 at University of Calcutta, Central Library

Other activities: (International and national)

National:
- Have written Course material for NSOU MSW Paper IV (Research Methodology)
- Have written Course Material for WBCHSE, Class XI, Sociology of the Higher Secondary Syllabus
- Translated Course Material from English to Bengali and from Bengali to English for NSOU, MSW
- Translated Course Material from English to Bengali and from Bengali to English for WBCHSE, of the Higher Secondary Syllabus

Page 554
Nandita Dhawan

Paper presentation /participation in conference, seminar and workshops (International and national):

International:

- Presented a paper entitled, ‘The Married ‘New Indian Woman’: Hegemonic Aspirations in New Middle Class Politics?’ at an International Conference on ‘Comprehending Class’, hosted by the Centre for Sociological Research, University of Johannesburg, South Africa between June 23-26, 2009.

National:

- Presented a paper entitled, ‘Mapping the Space of Marital Choice in a Hindu Family’ at a National Conference on ‘Feminism, Education & the Transformation of Knowledges: Processes & Institutions’ organized by Indian Association for Women’s Studies at University of Lucknow on February 7-10, 2008.

Organising seminars/conferences/workshops: (International and national)

- Invited speaker in the Understanding South Asia meet on ‘The Informal Economy and Informal Workers: Economic and Social Relations in South Asia’ organized by Rosa Luxemburg Stiftung in collaboration with Centre for Workers’ Management in Bangalore from 7-9 May, 2012.
- Organised the Local Networking and Dissemination Workshop in collaboration with the West Bengal Commission for Women, December 3, 2011 for the project ‘Awareness Generation and Sensitisation on the issue of Domestic Violence’
- Conducted a workshop on awareness generation on the issue of domestic violence with students of Burdwan Women’s College, Burdwan on 19 August 2011.

Other activities: (International and national)

- Resource Person for the Refresher Course in Woman Studies, organized in collaboration with UGC – Academic Staff College, Gauhati University, Guwahati, 07 to 27 February 2012
- Worked as an Observer representative for Rosa Luxemburg Stiftung (RLS) at the South Asia Social Forum, Dhaka Bangladesh from 18-22 November, 2011. The objective was to get an insight about current debates in South Asia; to network with activists and organizations present at the Forum and to introduce work and focus area of RLS to establish future cooperation
- Coordinator of the IAWS Secretariat, School of Women’s Studies, Jadavpur University, May 2008 till January 2011
Nilanjana Sengupta

Paper presentation /participation in conference, seminar and workshops(International and national):

International:
- Presented a paper entitled Microfinance and Women's Empowerment: A Case Study of Jeevika in West Bengal, India in First Regional Intensive Course on Gender and Macroeconomic Issues at Quezon City, Philippines on June 14-24, 2010. The Course was funded by the UNDP AND GEM-IWG.
- Participated in the “Transnational Labor, Transnational Methods” summer institute at the University of Toronto, Canada from 8-14 June 2008.

National:
- Presented a paper at the National Conference of the Indian Association for Women’s Studies at Wardha, Maharashtra in 2011.
- Paper selected on Falta Special Economic Zone: A Fact Finding Report at the Annual Conference of Indian Association for Women’s Studies (IAWS) at Lucknow, India, on 7-10 February, 2008.

Invited lectures: (International and national)

International:
- Invited to speak on Challenges to Microfinance and the Question of Gender Empowerment at an International Conference on ‘Women after Independence: Politics, Development, Law and Media’ hosted by the Biswabharati University at Santiniketan in November, 2008.
- Invited to speak on Analysing the Capability Approach: From a Feminist Perspective at an International Seminar on ‘The Future as Conceived in the Past: The Evolving Visions of Women’s Emancipation’, hosted by the Centre for Women’s Studies, Aligarh Muslim University, 20-22 October 2008.

National:
- Invited to deliver a lecture on ‘Marriage and its Alternatives: Exploring, Myths, Possibilities and Limitations’ in the UGC sponsored National Seminar on Live-in-Relationship in the India Context: Social, Ethical and Legal Perspectives, organized by P.G. Department of Philosophy, T.P.S College, Patna on 24-25 April 2013.
- Invited to deliver a lecture on ‘Bargaining Around Wage: Women Domestic Workers in Kolkata’ at the National Workshop entitled Paid Domestic Work: Emerging Trajectories, Organisational and Regulatory Scenario, organized by the Centre for Women’s Development Studies, New Delhi, 15-16 March 2013.
- Invited to deliver a lecture on ‘The Wage Matrix: Wage and Non Wage Factors Involved in the Labour Outcomes of Women Domestic Workers in Kolkata’ at the National Workshop on Gender and Labour Studies in India, organised by the Tata Institute of Social Sciences, Tuljapur, 16-17 December 2012.
- Invited to deliver a lecture on 'Peeping into the Household: A Marxist Feminist Analysis' at the Sir Ratan Tata Trust (SRTT) Workshop entitled Women’s Studies and Systems of Knowledge: Contexts and Problems on 18-26 May 2010 at Kolkata, West Bengal.
- Invited to deliver a lecture on ‘Microfinance Revolution and Gender’ in National Seminar on Contemporary Indian Women: Rural and Urban Contexts on 12-13 February 2010 hosted by the Basanti Devi College, Kolkata.
- Invited to deliver a lecture on ‘Rethinking Culture and Development from a Feminist Perspective’ in a 10 day SRTT workshop organized by the School of Women’s Studies at Lataguri, West Bengal between 22 May-31 May 2009.

Organising seminars/conferences/workshops: (International and national)

National:
- Jointly organised (in collaboration with the Indian Association for Women’s Studies) the Regional Workshop (Western Region) on Deserted and Single Women: Issues of Livelihood and Dignity on 24-25
February 2012 at the School of Rural Development, TISS, Tuljapur. The Workshop was jointly organized by the Indian Association for Women's Studies and SRD.

- Organised the National Workshop on Gender and Labour Studies in India, at the Tata Institute of Social Sciences, Tuljapur, 16-17 December 2012.
- Jointly organised four Curriculum Building Workshops from the School of Women's Studies, Jadavpur University, Kolkata in 2010-11. Three workshops were at the local level in Kolkata and the fourth one was a national workshop in New Delhi in 2010-2011. The Workshops were organised by the School under the Sir Ratan Tata Trust Project. The aim was to understand the recent trends in Women's Studies under the aegis of the XIIth Plan and locating the discipline within the current discourses and policies regarding higher education in India.

Other activities: (International and national)
National:
- Jointly prepared an undergraduate course on Economics as part of the BA Programme in Social Sciences for the Tata Institute of Social Sciences.

Panchali Ray
Paper presentation /participation in conference, seminar and workshops (International and national):
National:
- Presented a paper The Hereditary Dai and the Modern Nurse: Making and Unmaking in Colonial India, Gender, Power and Representation Workshop; Visva Bharati University, 2011
- Presented a paper The dai - a site of contestation in British India, Resisting Marginalizations, Challenging Hegemonies: Re-visioning Gender Politics, XIII National Conference; Indian Association for Women's Studies, Wardha University, 2011
- Presented a paper Feminization of Labour: Empirical Findings from the city of Kolkata, SRTT funded workshop: Rethinking Culture and Development: Feminist Crossings. School of Women's Studies, Jadavpur University, 2009
- Presented a paper Women Landless Laborers in Singur: A Case Study of Gendered Impact of Displacement, Feminism, Education and the Transformation of Knowledge: Processes and Institutions, XII National Conference; Indian Association for Women’s Studies, Lucknow University 2008

Invited lectures: (International and national)
National:
- Invited to deliver lecture on ‘Care Work’ and the Restructured labour Market: Feminist Perspectives at a National Workshop on Gender and Labour, Tata Institute of Social Sciences, Tuljapur Campus on December 2012.

Nandini Mukherjee
Paper presentation /participation in conference, seminar and workshops (International and national):
International:
- Presented a paper -“Regional and District level study of Urban Poverty in West Bengal during 1980-2010” in the 49th Annual international conference of The Indian Econometric Society (TIES) during 9th -11th January, 2013, Patna

National:
- Presented a paper -“Pattern of Urban Poverty in India States” in UGC sponsored national Seminar on “Poverty : Pattern, dimension & Eradication” organised by University Dept of Economics, Vinoba Bhave University, Hazaribag, 17th-18th March 2012
- Presented a paper -“An examination of urban poverty in West Bengal” in national seminar at Rabindra Bharati University, Kolkata on March12-13, 2013.
- Presented a paper -“Pattern of urban poverty in India with special reference to West Bengal: An inter regional analysis during 1980-2010” in national seminar on the results of NSS 66 th round survey,20-21 June,2013,Bengaluru, NSSO, Ministry of Statistics and Programme Implementation, GOI
- Participated in the UGC sponsored state level seminar on “Higher education and employability” organised by Malda college,West Bengal in collaboration with the West Bengal University Teachers’ Association on November 15,2008
• Participated in the UGC sponsored seminar on “Issues in Rural livelihood :Vulnerabilities & Opportunities” under DRS/SAP (1) Programme in the department of Economics, University of Burdwan held in July 28, 2009
• Participated in the XXII Annual Conference on Contemporary issue in Development Economics organised by the Department of Economics, Jadavpur University, Kolkata during January 3-4, 2013

Other activities: (International and national)
National:

• Participated in the UGC sponsored Orientation Programme from September 6 to October 3, 2008 organised by the Academic Staff College, University of Burdwan.
• Participated in the UGC sponsored Refresher Course in Business studies from August 9 to August 28, 2010 organised by the Academic Staff College, University of Calcutta.
• Awarded the Teacher Fellowship under the UGC scheme of Faculty Development Programme (FDP) during 2010-2013

**Rimple Mehta**

Paper presentation /participation in conference, seminar and workshops (International and national):

International:

• Participated in a workshop titled “Alternative Research Methodologies V”, organised and supported by SEASREP and SEPHIS Foundation, University of the Philippines, Manila, between 17–28 October 2011
• Presented a paper titled ‘Complexities in Justice: Citizens versus Foreigners’ at International Conference on The Criminal Justice System: Towards a Systematic Approach Perspectives from Asia and the Pacific, Karachi, between 26-29 April 2012
• Presented a paper titled ‘Complexities in Justice: Bangladeshi Women and the Criminal Justice System in India’ at the Common Sessions Study Programme on Criminal Justice and Critical Criminology, Common Session Fall, hosted by Eötvös Loránd University (ELTE) Faculty of Law, Budapest, between 29-31 October, 2012

National:

• Presented a paper on “Honour Crimes against Women in Rajasthan: A Case Study”, XIIIth Indian Association of Women’s Studies Conference at Wardha in January 2011.
• Participated in a students workshop on “Borders and Forced Migration” jointly organized by Centre for Refugee Studies, Department of International Relations, Jadavpur University & Mahanirban Calcutta Research Group (CRG) on 29 March 2011.
• Presented a paper, “Incarcerated agency?” at the Centre for Study of Developing Societies, New Delhi on 27 August 2011.
• Participated in a two day workshop on “Forced Migration, Statelessness and Issues of Citizenship in South Asia” organised by Academy of International Studies, Jamia Milia Islamia and Mahanirban Calcutta Research Group, New Delhi, 22-23 March 2012.
• Participated in a two-day workshop titled “Ethnography and Social Identities” at Tata Institute of Social Sciences, Mumbai, 30-31 August, 2012.

Organising seminars/conferences/workshops: (International and national)
National:

• Co-organised (with Shenjuti Duta and Rajlaxmi Ghosh) a two day national students’ conference, “Agency and Resistance: Feminist Approaches”, School of Women’s Studies, Jadavpur University, 13-14 March 2012

Other activities: (International and national)
National:

• Selected to attend a two-month (July-August 2011) teaching programme organised by Centre for Study of Developing Societies, New Delhi, called ‘Researching the Contemporary’.

**Hardik Brata Biswas**

Paper presentation /participation in conference, seminar and workshops (International and national):

International:

• Presented a paper titled ‘Memory of the Modern? : Visual Moments in Archiving the Subject in the Colony’ at the international workshop on Commodities, Cultures and Affect 1851-1914, The Workshop was
organized by The Leverhulme Trust and The School of Cultural Texts and Records, Jadavpur University in January 2011.

- Participated in a 10 day international workshop on Visual Methodologies in Research at the American University in Cairo, Egypt from April 14-25, 2011.
- Participated and presented the research on Bengali Print Pornography in a workshop on the methodologies of sexuality research in Rio de Janeiro jointly organized by CLAM, (Latin American Centre for Sexuality and Human Rights), State University of Rio de Janeiro, Brazil in September 2008.
- Participated and presented preliminary research findings of the SEPHIS research project on Pornography in an international SEPHIS Sexuality and Modernity Research Training Workshop organized in association with Department of Women and Gender Studies, Dhaka University, Bangladesh in March 2009.
- Participated and presented preliminary research findings of the SEPHIS research project on Pornography in an international SEPHIS Sexuality and Modernity Research Training Workshop organized in association with the American University in Cairo, May, 2010.

National:

- Presented a paper titled ‘Remembering Women: From the Master’s Archive to the Family Album in Early Photography’ at the UGC Sponsored National Conference on Women and Spaces: Engendering and Regendering Identities. Organised by Vidyasagar Evening College, Kolkata, in collaboration with Ramakrishna Mission Institute of Culture, 29-30 August, 2011.
- Participated in a seminar on ‘Critical Knowledges and Higher Education: Mapping the Ground’ organized by CWDS, New Delhi and Centre for Historical Studies, JNU in March 2011.
- Presented a paper titled ‘Possible Families and Fantastic Couples: Photographs as Identity and Performance’ in a PhD Scholars workshop titled on Gender, Power and Representation at the Centre for Women's Studies, Visva Bharati, Santiniketan, 24-25 March, 2011.
- Presented a paper at the national conference on Visuality and History organized by the Department of History, Jadavpur University, titled “Possible Frames, Impossible Corners: Memory and History in Family Photos” in March 2010.
- Presented on the ethics and methodologies of archival collection in a day-long workshop organized by the Media Lab, Department of Film Studies and the India Foundation for the Arts, Bangalore on 7 March 2009.
- Chaired students’ session at the National Students Seminar on Agency and Resistance organized by the School of Women’s Studies, Jadavpur University in 2012.
- Chaired a session on Documenting the Everyday at the two-day National Conference on ‘Documentary/Documentation’ organized by the Department of Film Studies, Jadavpur University, 6 to 8 November 2012.

Invited lectures: (International and national)

International:


National:

- Invited to deliver lecture on Popular Print and the Colonial Women in Bengal at the Lady Brabourne College, Kolkata in 2011.
- Public lecture on Early Marital Romance and Photography on Kolkata’s Birthday organized by ILEAD Institute of Management and Media Solidarity on 24 August 2011 at the ILEAD campus, Kolkata.
- Public Lecture on Fantastic Couples: Photographs as Performance and Identity at the STUDIO 21, Kolkata on 26 May 2012.
- Public Lecture on Archives and Photographs at Gyanaprabha, Mumbai, organized by the Indian Foundation for the Arts, Bangalore in April 2009.
- Public Lecture on Masculinity and Rape in February 2013.

Organising seminars/conferences/workshops: (International and national)
National:
- Joint Academic Coordinator for the 3rd SWS-SRTT National residential Workshop titled “Women’s Studies and Systems of Knowledge: Contexts and Problems” held in Pailan, West Bengal. 18-26 May, 2010.

International:
- Awarded SEPHIS/FORD Fellowship under the programme History of Sexualities and Modernities in the South (2008-2011). The research project was titled ‘From the Obscene to the Pornographic: The Case of the Bangla Print Pornography in Bengal from 2008—2011.

National:
- Taught Girish Karnad’s HAYAVADANA at the Department of Comparative Literature, Jadavpur University, M.A. Semester IV (2012). Course name: Literary Transactions
- Taught (Visuals as Text) (2009) in the extra-departmental course “Reading Practices” at the Department of English, Jadavpur University.
- Collaborating with the India Foundation for the Arts, Bangalore, (http://www.indiaifa.org/) since 2008, as Principal Investigator, towards building a Digital Archive at the School of Women’s Studies, Jadavpur University. The Project is titled: ‘Photos of Women/Women in Photos: The Photographic Worlds of Bengali Urban Middle Class Women (Phase-I)’. Major responsibilities include writing the project, planning the research and negotiating collections from donors in Kolkata and adjacent districts in West Bengal, coordinating with the archival staff, reports and presentations. Phase-I came to a close in August 2010. Presently planning Phase-II with IFA. The second phase will concentrate on online dissemination of 12,000+ digitized images, a nationally traveling (in cities like New Delhi, Mumbai, Bangalore and Kolkata) and curated exhibition from the archival holdings and a publication on gender, visuals and the specificities of the lives of women in the region with regards to visual cultures.
- Presently developing a site www.oursexualities.org. Now under construction, the website will be dealing with human sexualities, its histories, cultures and resistances in its polymorphous directions.
- Graphic Designer for independent projects and publishing firms.

Ranjita Biswas

Paper presentation /participation in conference,seminar and workshops(International and national):

International:
- Invited to Colombo to participate in the 2013 edition of ‘Understanding South Asia: (UnSA)’ on the subject of ‘Rural urban linkages in the context of Labour Migration’ from 3rd to 4th July 2013.

National:
- Presented a paper on Jealousy in Intimate Relations in a two-day seminar on Jealousy organized by the Centre for Counselling Services and Studies in Self Development, Jadavpur University from 17 – 18 March 2012.
- Presented a paper on Sex vs. Sexism: Some Reflections on Sexual Violence at the National Annual Researchers Workshop, Underlining Feminist Legacies for Studying Sexuality organized by Krantijyoti Savitribai Phule Women’s Studies Center, Pune University from 27-28 January 2012 at Pune.
- Presented a paper titled, Enabling Justice in Sexual Violence: From Injury to Pain in the 13th National Conference organized by the Indian Association for Women’s Studies at Wardha from 21 – 24 January 2011.
- Presented a paper on Gender and Violence in a seminar organized by CUSP, Bangalore and Department of Psychology, AUD, Delhi on 16 August 2010 at Delhi.
- Presented a paper titled: Rape to Sexual Assault: Revisiting the Interface of Sex and Violence in a workshop, Rape to Sexual Assault: Legal Debates, Feminist Concerns on 28 July 2010 organized by School of Women’s Studies
- Presented a paper entitled A Feminist Epistemology of Pain at the SRTT Workshop on Systems of Knowledge: Problems and Contexts held between 18 -26 May 2010 at Kolkata
- Presented a paper entitled, Lesbian Sexuality and the Politics of Marginalization in a seminar on The Politics of Marginalization: Local and Global Perspectives on 18 February 2010 at Kolkata organized by the Centre of Refugee Studies, Jadavpur University.
- Presented a paper titled, Sexuality at the Crossroads of Culture and Development in a workshop on Rethinking Culture and Development: Feminist Crossings organized by SRTT-Women’s Studies, JU on 24 May 2009.
• Presented a paper on Changing Intimacy: A Queer Perspective at a National Conference on Changing Fabric of Intimate relationships: Challenges to Theories and Practices in Mental Health, from 13 to 14 February 2009 organized by the Department of Psychology, Christ University, Bangalore

Invited lectures: (International and national)
National:
• Delivered the 3rd Sulekha Dasgupta Memorial Lecture on Rethinking Justice in Sexual Violence: From Rape to Sexual Assault organized by the School of Women's Studies Jadavpur University on 27.02.13
• Invited to deliver lecture on Human Rights of Sexually Marginalized Women in a UGC approved certificate course on Human Rights conducted by S. A. Jaipuria College on 11 February 2013 and 18 June 2012.
• Invited to deliver lecture on 20 November 2012 at the UGC sponsored Refresher Course titled, State and Social Inequalities: Gender, Class and Caste organized by School of Women’s Studies, Jadavpur University.
• Invited to deliver a lecture as part of the JU-SYLFF lecture series 2012 organized by the JU-SYLFF Association on Gender and Violence on 5 April 2012 at Jadavpur University.
• Invited to deliver a lecture on 16 February 2012 at Lady Brabourne College on Sexual Violence: Family, State and Community in a Seminar on Violence against Women organized by the Women’s Studies Centre, Lady Brabourne College in collaboration with the School of Women’s Studies, Jadavpur University.
• Invited to deliver a lecture on 16 January 2012 in the inaugural session of the UGC sponsored National Seminar on Women and Literature: Different Faces, Different Voices organized by Barasat Government College in collaboration with School of Women’s Studies, Jadavpur University.
• Invited to deliver lecture on 1 December 2011 at the UGC sponsored Refresher Course titled, Teaching Social Sciences: An Interdisciplinary Approach in the Department of Psychology, Rajabajar Science College, Calcutta University on the topic: Researching Women's Experience of Pain: A Feminist Approach
• Delivered lectures at UGC sponsored Refresher Course in the School of Women's Studies, Jadavpur University in 2011 on Sexual Assault: Family, Community and State.
• Invited to deliver a talk on Counseling and Mental Health on the occasion of the inauguration of the Psychological Counselling Cell of Lady Brabourne College on 7 November 2011.
• Invited to present a paper titled, Oral Narratives and Meaning-Making: The Clinical Experience at the workshop Oral Narratives: Methods, Meanings, Ethics on 1-2 April 2011 organized by the Oral Narrative Project of the Faculty of Arts, Jadavpur University.
• Invited to present a paper titled: Theoretical Perspectives of Gendered Marginalization in a UGC sponsored State Level Seminar on Gendering of Science and Technology on 17 April 2010 organized by Basanti Devi College.
• Invited to present a paper entitled, Rethinking Justice in Sexual Violence: From Retribution to Restoration in an interdisciplinary seminar under the Fulbright-Hays Group Project on 4 January 2010 organized by Sivanath Sastri College, Kolkata.
• Invited to deliver lecture on ‘Violence and Psychoanalysis’ in a certificate course on Legal and Psychological Counseling for Women in Distress organised by Women's Studies Research Center, University of Calcutta in collaboration with Human Rights Law Network, Kolkata on 29.11.2008
• Invited to deliver lecture on Lesbian Feminism at the SRTT Residential Workshop on “Themes and Issues in Women's Studies” held from 20-29 May, 2008 organized by School of Women’s Studies, Jadavpur University.

Organising seminars/conferences/workshops: (International and national)
National:
Co-organized a two-day national conference on Renegotiating Intimacies: Marriage Sexualities Living Practices by the School of Women’s Studies, Jadavpur University, Kolkata from 21 to 23 December 2008 in collaboration with Rosa Luxemburg Stiftung, Berlin.

Other activities: (International and national)
International:
• Visited Dhaka as a resource person in the sixth Two Country Gender Workshop 2013 organised by SANGAT and Swayam on 21.6.13 to take a training session on "Sexuality and Sexual Rights".

Page 561
National:

- Invited to interact with students of Lady Brabourne College as part of a Round Table on ‘Combating Violence’ on 25.02.2013.
- Invited as panelist on Compulsory Marriage and Heteronormativity as site of gender violence in the film festival, Our lives… to live, as part of the One Billion Rising Campaign, organized by Swayam in collaboration with International Association of Women in Radio and Television on 4 January 2013.
- Organized and anchored an interactive workshop with doctors on health issues of lesbian, bisexual and transpersons on 11 September 2012 at Medical College Calcutta.
- Invited to deliver a talk on Gender and Violence on the occasion of Fortnight against Violence on Women by Swayam, a women’s rights organization in Kolkata on 4 December 2010.
- Invited to deliver lecture on the occasion of International Women’s Day by the Life Insurance Corporation women’s sub-committee on 14 March 2009.
- Participated as resource person in a training program conducted by West Bengal State AIDS Prevention & Control Society on 30.12.2008.
Special Programmes
GLOBAL CHANGE

* Number of papers published in peer reviewed journals (national / international):

2013 (7)


2012 (15)


11. UNIDO Industrial Development Report 2011:

2011 (1)

- Roy Joyashree, Moumita Roy and Shreya Roychowdhury (2011); “Sectoral Approach for Negotiating Climate Change: What is in it for the Indian Economy?”; pp: 265-284; Published in Environment and Sustainable Development edited by Raj Kumar Sen, Deep & Deep publications Pvt. Ltd., New Delhi, India

2010 (4)

- Roy J (2010), Iron and steel Sectoral Approaches to the Mitigation of Climate Change, Perform, achieve and Trade (PAT in India)Climate Strategies Briefing paper september 23, www.climatestrategies.org
- Roy Joyashree, Moumita Roy (2010); “Sectoral Approach: what is in it for the Five Large Developing Countries?” pp: 18–33 in Climate Change, Society & Sustainable Development, Agenda for Action, Published by: Bennett, Coleman & Co. Ltd., New Delhi, India; Marketed by: Times Groups Books;

2009 (8)

2008 (4)

- Roy Joyashree, Bikram chatterjee, Sruti Basak (2008), Towards a Composite Sustainability Index: How are the states and union territories of India doing? The India Economy Review, Vol V, September 30, pp 54-76.

Chapters in Books:

2007 (2)


- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Citation Index – range / average - 185 citations Scopus, Google scholar : since 2008: 717
- SNIP
- SJR
- Impact Factor – range / average : max 5
1. h-index – SCOPUS 8. Google scholar : 12
SYLFF

Number of papers published in peer reviewed journals (national /international)
2013-5; 2012-2; 2011-5; 2010-4; 2009-3; 2008-1; Total-23.

1. “Institutionalising Informality: Footpath Hawking in Calcutta, 1972- “, Accepted for Publication in Modern Asian Studies (Cambridge) by Ritajyoti Bandyopadhyay
2. “How to Read Alternate History: An SF Reader’s Guide to Bhudeb Mukhopadhyay’s Swapna Labdharta Bhaaratbarsher Itihaas, Accepted for Publication in Jadavpur University Essays and Studies, Vol. XXVII, by Deeptanil Ray
13. “Laksana as Inference”, in Journal of Indian Philosophy, published online on 1 June 2011 by Nilanjan Das (2011). URL=<http://www.springerlink.com/content/6j07m642n2m8227/fulltext.pdf

★ Monographs-2
★ 2011-2
2. “Japan in India’s Look East Policy”, published by Department of International Relations of Jadavpur University by Madhuchanda Ghosh (2011)

★ Chapters in Books
★ 2013-3
★ 2012-10
★ 2011-1
★ 2010-2
★ 2009-7
★ 2008-1
★ Forthcoming-2
★ Total -26

11. “India’s Role in Humanitarian Assistance: Contemporary Trends and Perspectives”, in Imankalyan


* Edited Books -2

* 2013-1

* 2012-1


Books with ISBN with details of Publisher -1

India’s Foreign Policy: The Changing Dynamics with Dr. Debamitra Mitra, published by ICFAI University Press, Hyderabad, India, 2009 by Madhuchanda Ghosh

Others (including newspaper articles, reports, conference proceedings etc. )

15. Translation of the Presidential Address (Selections) by Sri Suniti Kumar Chattopadhyay in Jatindra Kumar Nayak and Parthasarathi Bhaumik (eds.) Memory, Images, Imagination: An Anthology of Bangla and Oriya Writings on Colonial Burma 1886-1948, Centre of Advanced Study, Department of Comparative Literature, Jadavpur University, Kolkata, by Shubhasree Bhattacharyya (2010).
17. Sreya Maitra has some e-articles published in the website of Global India Foundation, Kolkata (http://www.globalindiafoundation.org) in 2008-09. They are:
   a. E-Article on ‘Role of Civil Society in Democratisation: A Case Study of Zambia’.
   b. E-Article on ‘Sudan: Weighing the Burden of History?’
   c. E-Article on ‘Sudan’s Tryst with Democracy’.
   d. E-Article on ‘India’s Engagement of Southeast Asia: Perspectives and Prospects’.
   e. E-Article on ‘Patterns of Conflict in Africa and India’s Foreign Policy Perspective’.
*h-index: at least 1

Page 570