

LIST OF PUBLICATIONS BY THE FACULTY MEMBERS

Department of Anthropology

Bhubon Mohan Das

1. Das, B. Mohan, Ray, S., Mishra, S. K., Roy, A. G.(2010). Menstrual characteristics : A study of the adolescents of the rural and urban West Bengal, India”. *Annals of Human Biology*, 37(5), 668-681. ISSN: 0301-4460 (print), 1464-5033 (electronic)].
2. Das, B. Mohan .(2010) “Age changes in the anthropometric and body composition characteristics of the Bishnupriya Manipuris of Cachar district, Assam”. *Advances in Bioscience and Biotechnology*, 1(2), 122- 130. ISSN: 2156-8456 (print), 2156-8502 (electronic).
3. Das, B. Mohan, Ray, S. and Mishra, S. K. “Sexual and reproductive health issues among rural and urban adolescent boys of eastern India”. *Journal of Men's Health*, 9(2), 94-101. ISSN: 1875-6867. (2012)
4. Das, B. Mohan, Ray, S. and Mishra, S. K. “Rural - urban differences in nutritional status and physical body dimensions of adult Santal males of West Bengal”. *International Journal of Anthropology*, 28(4), 237-254. ISSN: 0393-9383 (2013)
5. Das, B. Mohan, Malakar, B ,Ray, S. and Mishra, S. K. “Bio-cultural perspective of reproductive and sexual health with special reference to adolescent male”. *The Asian Man*, 7(1&2), 14-28. ISSN: 0974-6366 (print), 0975-6884 (electronic) (2013)
6. Das, B. Mohan, Mozumdar, A., and Roy, S. K. “Life table analysis of a small sample of Santal population living in a rural locality of West Bengal, India”. *Anthropological Review*, 77(2), 233-248. ISSN: 1898-6773 (print), 2083-4594 (electronic) (2014)
7. Das, B. Mohan, Roy, S.K “Socio-demographic correlates of self-rated health among Santals of rural West Bengal, India”. *Eurasian Journal of Anthropology*, 5(1), 1-13. ISSN: 1309-2326 (print), 2166-7411(electronic) (2014)

Soumi Dey

1. **Dey, Soumi,** Das, Arnab, Raul, Snehasish, Sen, Suchandrima, Shaw, Tanusree, Saha, Dr. Debabrata *et al.* (2010) The Identities of gendered sexual subjectivity : A report on MSM performances in kothi network in urban West Bengal. *Journal of the Department of Anthropology*, 10 & 11, 167-177. *ISSN : 2249-6181.*
2. **Dey, Soumi,**Shaw, Tanusree, Mukhapadhyay, Sutapa, Das, Arnab, Goswami, Nabanita and Bagchi, Subrata Sankar. (2010). Facing exclusion at aging : an ethnographic profile of the elderly people in an old home in Kolkata metropolis. *Journal of the Department of Anthropology*, 10 & 11, 123-130. *ISSN: 2249-6181.*
3. **Dey, Soumi,**Hazra, Suman, Das, Arnab, Raul, Snehasis, Sen, Suchandrima, Ray ,Subha et al. (2010). Tracking the dimensions of sexuality of the truckers : A study on the long-distance truckers from four provinces of India. *Journal of the Department of Anthropology*, 10 & 11, 141-166. *ISSN : 2249-6181.*
4. **Dey, Soumi,**Das, Arnab, Chaudhuri, Anindita, and Shaw, Tanusree. (2012). Launda dance in northern India: A study on the vulnerable young kothi performers in face of aggressive masculine desire. *Journal of the Department of Anthropology*, 14, 168-185. *ISSN : 2249-6181.*
5. **Dey, Soumi,** Shaw, Tanusree, Das, Arnab and Chakraborty, Falguni. (2012). In the dead end: A study of the decline of handloom silk weavers of Murshidabad. *Department of Anthropology, University of Calcutta*, 14, 242-258. *ISSN : 2249-6181.*
6. **Dey, Soumi (2013).** Being A ‘kothi’: An ethnographic interrogation with a male transgender in Kolkata, India. *International Organization of Scientific Research Journal of Humanities and Social Science*, 11(6), 51-62. pISSN: 2279-0845, eISSN:22790837. DOI: 10.9790/0837-1165162 (2013)

7. **Dey, Soumi (2014).** The situation in contractual work at domestic sphere: A study of the paid female domestic workers of Howrah, West Bengal, India. *International Research Journal of Social Sciences*, 3(7), 36-42. ISSN : 2319-3565.
8. **Dey, Soumi, Shaw, Tanusree Chaudhuri, Anindita and Das, Arnab (2014).** A study of sexual attitude difference among the male same sex sexuality practitioners in India. *Amity Journal of Human Behaviour and Development Issues*. 1(1), 16-23. ISSN : 2349-8366.
9. *Dey, Soumi, Das, Arnab and Chatterjee, Dipankar (2014). Sexuality, Identity and Health: Same-Sex Behaviour of Urban Indian Men.* New Delhi: Ashwin-Anoka Press, Ranchi : School of Agriculture and Rural Development, RMVU. ISBN: 978-81-904750-6-8.
10. Dey, Soumi and Das, Arnab (2015). Difference in education and income status of the kothi identified MSM of West Bengal, India". *International Journal of Research*, 2(2), 574-588. ISSN: 2348-6848.
11. Dey, Soumi, Shaw, Tanusree & Das, Arnab (2015). Hierarchy, power-relation and domination in a handloom 'field. *International Organization of Scientific Research Journal of Humanities and Social Science*, 20(7), 14-21. pISSN : 2279-0845, eISSN : 22790837. DOI: 10.9790/0837- 20751421.
12. Dey, Soumi, Shaw, Tanusree & Das, Arnab (2016). Role of gender in decision-making: A study of women attached in handloom weaving. *International Journal of Gender Studies in Developing Societies*, 1(3), 278-298. eISSN: 2052-0360, pISSN: 2052-0352.
13. Dey, Soumi, Shaw, Tanusree & Das, Arnab (2016). The Hijras: A study of politics in hijra community. *SouthAsian Anthropologist*. ISSN: 0257-7348 (Forthcoming)

Pinaki Dey Mullick

1. Dey Mullick, P. , A few entrees in a Bengali Encyclopaedia of Anthropology-Bigyankosh, Vol-1, published by *Sishu Kishore Academy*, Information and cultural section, Govt. of West Bengal. (2010)
2. Dey Mullick, P. ,Sen, P., Das, K., and Mukherjee, K. “Caste, Space, Symbols and Power: A Study of the Brahman and Other Castes in an Urban Enclave of West Bengal”. *Journal of the Department of Anthropology, University of Calcutta*, 12&13, 195-202. ISSN: 2249-6181 (2011)
3. Dey Mullick, P. , “The Basics of Ethnography: An Overview of Designing Ethnographic Research in Anthropology and Beyond”. *Journal of the Anthropological Survey of India*, 62(2), 893-902. ISSN: 2277-436X (2013)
4. Dey Mullick, P., Sen, P., Das, K., and Mukherjee, K. “The Basics of Ethnography: An Overview of Designing Ethnographic Research in Anthropology and Beyond”. *Journal of the Anthropological Survey of India*, 62(2), 893-902. ISSN: 2277-436X (2013)
5. Dey Mullick, P., Das, A. Bridging Caste, Psyche, Brahman, Brain and God: Introducing an Interdisciplinary Discourse of Managing Self. In S. Mazumdar and S. Banerjee (Eds.), *Behavioural Science in Management Practice*, 125-152, Kolkata: UGC Academic Staff College, University of Calcutta. ISBN: 978-81-927807-1-9. (2014)
6. Dey Mullick, P., Das, A., and Chaudhuri, A. “The Meaning and Approaches of Vulnerabilities in Disaster Studies: An Overview”. *International Journal of Social Science and Interdisciplinary Research*. 3(12), 05-13. ISSN: 2277-3630 (Online). (2014)
7. Dey Mullick, P., Das, A. “Serving the Tourists at Emergencies: An Ethnographic Account on Crisis, Communication, Interaction and Hospitality Management in the Face of Disasters”. *Scholars Journal of Arts, Humanities and Social Sciences*. 2(6A), 862-865. ISSN: 2347-5374 (Online), 2347-9493 (Print). (2014)
8. Dey Mullick, P., Das, A. “Puri: An Overview on Space, Potential and Possibilities for Social Research”. *Radix International Journal of Research in Social Science*, 3(11), 01-07. ISSN: 2250-3994 (Online), 2320-1738 (Print).(2014)

9. Dey Mullick, P., Das, A. "Disaster and Anthropology: An Overview on Theorizing Disaster in Interdisciplinary Spectrum". *International Journal of Physical and Social Sciences*, 4(4), 385-395. ISSN: 2249-5894. (2014)
10. Dey Mullick, P., Ghosh, K., Sen, P, and Das, A. "An Interpretative Phenomenological Analysis of the Lived Experiences of Flood among the Villagers in a Rural Setting of West Bengal, India". *International Journal of Development Research*, 5(7), 5072-5074. ISSN: 2230-9926. (2015)
11. Dey Mullick, P., Ghosh, K. "An Ethnographic Portrayal on the Changing Dimensions of Food Consumption among the Birhors in a Rural Setting of West Bengal". *JIARM*, 3(6), 277-287. ISSN: 2320-5083 (Online). (2015)
12. Dey Mullick, P. , Das, K. "Autoethnography: An introduction to the art of representing the author's voice and experience in social research". *International Journal of Applied Research*, 1(7), 265-267. ISSN: 2394-7500 (Print)/ 2394-5869 (Online). (2015)
13. Dey Mullick, P., Choudhuri, I., Hazra, S., and Mandal, S. "The New Indian Middle Class: The Central Issues and Theoretical Trajectories". *Anthropos India*, 2(1). ISSN: 2394-8396. (2016)

Mohan Chandra Dolai

1. Dolai, M. C., Chakrabarty, F., Kisku, A. "Health Maintaining and Disease Curative Ethno-Medicinal and Religious Practices by the Santals of Keonjhar District, Orissa". *IOSR Journal of Humanities and Social Sciences*, 2(5), 35-45. ISSN: 2279-0837. (2011)
2. Dolai, M. C., Chakrabarty, F. "Rural Old Age Homes and Their Inmates: A Study in Purba Medinipur District, WB". *Journal of the Department of Anthropology*, University of Calcutta, 14&15 (1&2), 292-317. ISSN: 2249-6181. (2012)
3. Dolai, M. C., Chakrabarty, F. Development and the Changing Condition of the Rural Elderly: A Study in Sundarbans of South 24 Parganas, West Bengal. In Md. J. Ali. & Md. S. Firdous (Eds.), *Issues in Development and Sustainability*. 18-28, Kolkata: S. B. Enterprise. ISBN: 9788192295732. (2013)
4. Dolai, M. C., Chakrabarty, F. "Functional Status of the Elderly Santal People". *Indian Journal of Gerontology*, 27(4), 610-620. ISSN: 0971-4189. (2013)

5. Dolai, M.C.Chakrabarty, F., and Khatun, N. “Determinants of Living Arrangements among the Rural Muslim Elderly of West Bengal”. *The Asian Man An International Journal*, 7(1&2), 52-60. ISSN: 0974-6366 (print), 0975-6884 (online). (2013)
6. Dolai, M. C., Chakrabarty, F., and Khatun, N. “Determinants of Living Arrangements among the Rural Muslim Elderly of West Bengal”. *The Asian Man An International Journal*, 7(1&2), 52-60. ISSN: 0974-6366 (print), 0975-6884 (online). (2013)
7. Dolai, M. C. Mouli: A Vulnerable Community of Sundarbans”. *Bulletin of the Cultural Research Institute*, XXV(1&2), 75-81. ISSN: 0011-2895. (2014)
8. Dolai, M. C. “Housing for the Aged, Old-age Homes in Rural West Bengal”. *Economic and Political Weekly*, L(34). ISSN: 2349-8846 (online). (2014)

Salil Dutta

1. Dutta, S. “Socio-Demographic Comparison and Impact of Aila: The Super Cyclone in Gosaba of West Bengal”, *Indian Journal of Community Medicine*, 35(3), 429-432. Co-authors: Bhattacharya, R., D. Sanyal, M. Ghosh and S. Bhattachryya. ISSN: 0970-0218. (2010)
2. Dutta, S. “Community and Tuberculosis: A Study in Western Sundarban, West Bengal”. In R.K. Mutatkar, Ajit K. Danda and Bikash Bhatt (Eds.), *Studies on Bio-Medical Anthropology Profiles of Health Cultures*. Indian National Confederation and Academy of Anthropologists, Indira Gandhi Rastriya Manav Sangrahalaya and Aryan Books International, New Delhi, 205-208. ISBN: 978-81-7305-372-6 (2010)
3. Dutta, S. “Explanatory Model and Psycho-Social problems: an anthropologist’s experience from Sunderban Island”. In Biswajit Bhunia (Eds.), *Health Wellness Fitness and Social Integrity*, 140-144. Kolkata: S.B. Enterprise, ISBN : 978-81-922957-7-0. (2013)
4. Dutta, S. ‘Health Status of Lodha: A study at Jungle Mahal in West Bengal’. *The Asian Man (AIHSD) An International Journal*, 8(1), 22-30. ISSN: 0974-6366 (print), ISSN: 0975-6884 (online). (2014)

5. Dutta, S. "Impact of Aila: a post disaster study on Sunderbans delta of West Bengal". In *A collection of Essays by The Participant Teachers in the Refresher Course (24th February to 15th March, 2014), Titled Disaster Management*, The Academic Staff College & Department of Geology, University of Calcutta.31-37. (2014)
6. Dutta, S. "A Severe Natural Disaster Aila and Impact on Sunderbans Delta of West Bengal: An Observation", In D.Mitra, S.Datta and S.P. Guha (Eds.), *From Slumber to Action Managing The Disaster*, 49-59. Kolkata: Avwnil Press. ISBN: 978-93-80761-98-95. (2015)
7. Dutta, S. "Status of Human Resources and Deal of Employment in Factories of India: an Observation", S.Chatterjee edited volume on "*Human Rights*", Manav Prakashan, Kolkata. ISBN- 978-93-80332-80-2, pp-37-43. (2015)
8. Dutta, S. "Recruitment Procedure and Status of Workers: an observation on Industries of two States in India" (Co-authors- Dr.Dibyendu Maiti and Mr.Avijit Halder), in Sudip Bhui(eds.) "*Human Resource Development: Issues and Challenges*", Gian Publication, Delhi (in press). (2015)
9. Dutta, S. "Development, Planning and Implementation: An observation in Paschim Medinipur district of West Bengal", "Development for the Communities and Country: Role of Anthropology. ISBN-978-81-932499-6-3, pp. 33-55. Kunal Books, New Delhi. (2015)
10. Dutta, S. (Co authors: Ms.Amita Dutta(Saha) and Dr. Debashis Sanyal), "Perception of Society in 2015! Anticipations on exterior and present generation" in Hasibul Rahaman(etc.) "Social Perception of Women", Kunal Books, New Delhi, India. Pp.38-49.ISBN 978-93-82420-000 (2016)
11. Dutta Salil Kumar & Chakraborty Suddhendu (March 2016). Study of Psychotic Like Experiences In Mental Illness Free College Students, *Bengal Journal of Private Psychiatry*, Vol (7), issue 1&2, pp 22-25. (2016)
12. "Exploitation, Reclamation and Struggle: a review of the history of Sunderbans in West Bengal", *INQUEST* (ISSN 2348-6813)(in press)

Department of Bengali

Himadri Mukhopadhyay

1. Swamijir Samajchinta, Relevance of the message of Vedanta and swami Vivekananda Today, (Edit by- Satyanarayan Shou), ISBN 978-93-81554-08
2. Swami Vivekanander shikshadarshan O Amader Sampratik shikshabyastha স্বামীবিবেকানন্দের শিক্ষাদর্শন ও আমাদের সাম্প্রতিক শিক্ষাব্যবস্থা, Ananya Vivekananda(Edit by- Prabhas Kumar Kar) অনন্য বিবেকানন্দ প্রভাস কুমার কর (সম্পাদনা)

Amit Patra

1. Ganga: Ekti Cholisnutar Akhyan, Tabu Ekabalaya(Utsab sankhya), Edit by -Dipankar Mallik, 2011(september-December), ISSN 0976-9463.
2. Mahaswte Debir Kathasahitye Biharer Bhumijibi: Pratibade, Pratirodhe, Shanmashiki Bangalok,Bangabhasha O Sahitya Bibhag, Basirhat College, May 2015-October 2015, ISSN 2349-9486.

Article published in Books:

1. Rabha O Mech Janajati: Moukhik Sahitya, Loksamskritir Field Work: Ekti Samiksha,(Edit by -Sk Makbul Islam), December, 2012, ISSN 978-93-82042-01-3.

Amrita Ghoshal

Article published in Books:

1. Tarashankarer Golpe Kaam O Mrityu Chetonaar Apurba Somonnoy, Tarashankarer Chhotogolpo Rup O Boichitryo, Ed. Sheetal Chowdhury, Ratnaboli, June 2013, ISBN: 978-93-81329-30-6.

2. Tuntunir Boi O Aboltable---Abisashwar Jibjogoter Anihshesh Kothokota, Srijanshilpe Dui Purush: Upendrakishore O Sukumar, Vivekananda sabhagriha, Belur Math, January, 2014, ISBN: 978-81-928110-2-4.
3. Rabindranather Ghore Baire—Gothon-Shilpo-Ritikotha, Ghore Baire --- Bodhe o Monone, Progga Bikash, January 2016, ISBN 978-93-83018-52-9.

Articles published in Journals:

1. Baro Ghor Ek Uthon: Daampotyer Jotil Maanchitra, Ekusher Charya Potrika, December 2012, ISSN: 2319-4871.
2. Herbart O Kangal Malshat Ebong Slang - Er Bhinno Boyaan , Sahitya Bishari , May 2012 , ISSN: 2278-1978 .
3. Sur-Realism - Er Anginay Pratichyer Chitrakala O Jibananander Kobita , Sahitya Bishari , October 2012 , ISSN: 2278-1978 .
4. Manik Bandyopadhaya-Er Putul Nacher Itikotha:A-Nagorik Prakritik Akhyan , Sahitya Bishari, April 2013, ISSN: 2278-1978 .
5. Kolpobigganer Chintasutre Parashuramer Gamanush Jaatir Kothaa, Sahitya Bishari, October 2013, ISSN: 2278-1978.
6. Adhunik Chhotogolpo Ar Tar Bhoutik Sondorbho, Sahitya Tokko, 2013, ISSN: 2320-6160.
7. Sharadindu Bandyopadhyayer Chaarti Uponyas:Premer Mayabi Darpan, Ashokenagar, 2014 , ISSN: 2347-8101.
8. Erendira! Marquez ajo beche, Sahitya Bishari, April 2014, ISSN: 2278-1978.
9. Dhanopotir Singholjatra: Chandimangal kabyer kuhoki akhyan, Sahitya Bishari, April 2013, ISSN: 2278-1978.
10. Kobi Samsur Rahman -- a-nagorik sohoj sadhok, Anondaa, 2014, ISSN: 2322-0716.
11. Sitayan: narimedher punornirman, Sahitya Bishari, October 2014, ISSN: 2278-1978.
12. Shibramer Golpo: Dadagiri bishoyok prostaab, Sahitya Tokko, 2014, ISSN: 2320-6160.

13. Somen Chander Indur: manush-indur-mon, Sahitya Bishari, April 2015, ISSN: 2278-1978.
14. Lakkhinath Bejbaruar Golpo: Monostotwo Bonam Itihaas, Sahitya Bishari, November 2015, ISSN: 2278-1978.
15. Narendranath Mitrer Deho-Mon—Fire Dekha, Sahitya Bishari, April 2016, ISSN: 2278-1978.

Published book:

1. Prokasher Antoraale kathasahityik Bodhisatwa Moitreyo, Dey Publishers, September 2016, ISBN: 978-81-923521-5-2.

Department of Chemistry

Dipankar Pramanik

Grants

1. Hussain, S.; **Pramanik, D.**; Roy, M. Development of Antibody-Platinum Conjugates for the therapy of EGFR-overexpressing Tumors (Phase-1) **BT/SBIRI/879/33-B17/2011**. (~USD 50000)

Patent (Commercialized)

1. Maitra, A.; **Pramanik, D.** Smart polymeric nanoparticles which overcome multidrug resistance to cancer therapeutics and treatment-related systemic toxicity. PCT/US2011/063870.

This patent has been commercialized to SignPath Pharma, PA, USA.

Patents:

2. Majeti, B.K.; Karmali, P.P.; **Pramanik, D.**; Chaudhuri, A. Novel Integrin binding RGD-Lipopeptides with gene transfer activities. **US, PCT and Indian Patents** filed. (**Patent Application No. PT-488/06** filed **March 30, 2006**)
3. Hussain, S.; **Pramanik, D.**; Hossain, S.; Roy, M. Ligand Targeted Molecules and Methods Thereof. International Patent Application No. **PCT/US13/20130**.

Journal Publications (Average Impact Factor **5.1**):

1. **Pramanik, D.**; Bharat K. M.; Mondal, G.; Karmali, P.P.; Ramakrishna, S.; Obula, G. R.; Srinivas, G.; Pande, G.; Chaudhuri, A. Lipopeptide with a RGDK tetrapeptide sequence can selectively target genes to proangiogenic $\alpha 5\beta 1$ integrin receptor and mouse tumor vasculature. *J. Med. Chem.* **2008**, *51*, 7298-7302. (IF **5.25**)
(Immediately after its publication, this work received coverage in *SciBx*, a joint publication of *Nature* and *Biocentury* which highlights only 25 research papers each week after scanning thousands of papers published each week across the entire spectrum of life sciences. In addition, the paper received coverage in *Nature India*).
2. Srinivas, R.; Karmali, P.P.; **Pramanik, D.**; Garu, A.; Mahidhar, Y.V.; Majeti, B.K.; Ramakrishna, S.; Srinivas, G.; Chaudhuri, A. Cationic amphiphile with shikimic acid headgroup shows more systemic promise than its mannosyl analogue as DNA vaccine carrier in dendritic cell based genetic immunization. *J. Med. Chem.* **2010**, *53*, 1387-1391. (IF **5.25**)
3. Bisht, S. ; Mizuma, M. ; Feldman, G. ; Ottenhoff, N. ; Hong, SM. ; **Pramanik, D.** ; Chenna, V. ; Karikari, C. ; Sharma, R. ; Goggins, M. ; Maitra, A. Systemic administration of nanoparticle encapsulated curcumin (NanoCurcTM) combined with gemcitabine blocks primary tumor growth and metastases in preclinical models of pancreatic cancer. *Mol. Can. Ther.* **2010**, *9*, 2255-2264. (IF **5.23**)
4. **Pramanik, D.**; Campbell, N.; Karikari, C.; Chivukula, R.; Kent, O.; Mendell, J.; Maitra, A. Restitution of tumor suppressor microRNAs using a systemic nanovector inhibits pancreatic cancer growth in mice. *Mol. Can. Ther.* **2011**, *10*, 1470-1480.(Got **Highlight** in the issue). (IF **5.25**)
5. Chiu, S.S.; Lui, E.; Majeed, M.; Vishwanatha, J.K.; Ranjan, A.P.; Maitra, A.; **Pramanik, D.**; Smith, J.A.; Helson, L. Differential distribution of intravenous curcumin formulations in the rat brain. *Anticancer Res.* **2011**, *31*, 907-911. (IF **1.73**)
6. Chenna, V.; Hu, C.; **Pramanik, D.**; Aftab, B.; Karikari, C.; Campbell, N.; Hong, S-M.; Zhao, M.; Rudek, M.; Khan, S.; Rudin, C.; Maitra, A. A Polymeric Nanoparticle Encapsulated Small Molecule Inhibitor of Hedgehog Signaling (NanoHHI) Bypasses

- Secondary Mutational Resistance to Smoothened Antagonists. *Mol. Can. Ther.* **2012**, *11*, 165-173. (IF **5.25**)
7. Gupta, S.; **Pramanik, D.**; Mukherjee, R.; Campbell, N.R.; Elumalai, S.; de Wilde, R.; Hong, S.; Goggins, M.G.; Acosta, A.; Laheru, D.; Maitra, A. Molecular Determinants of Retinoic Acid Sensitivity in Pancreatic Cancer. *Clin. Can. Res.* **2012**, *18*, 280-289. (IF **7.74**)
 8. **Pramanik, D.**; Campbell, N.R.; Gupta, S.; Chenna, V.; Bisht, S.; Sysa, P.; Bedja, D.; Das, S.; Karikari, C.; Steenbergen, J.C.; Gabrielson, K.; Maitra, A.; Maitra, A. A composite polymer nanoparticle overcomes multi-drug resistance and ameliorates doxorubicin-associated cardiomyopathy. *Oncotarget.* **2012**, *3*, 640-650. (IF **4.78**)
 9. Chun, Y.S.; Bisht, S.; Chenna, V.; **Pramanik, D.**; Yoshida, T. et al Intraductal Administration of a Polymeric Nanoparticle Formulation of Curcumin (NanoCurc) Significantly Attenuates Incidence of Mammary Tumors in a Rodent Chemical Carcinogenesis Model. *Carcinogenesis.* **2012**, *33*, 2242-2247. (IF **5.4**)
 10. **Pramanik, D.** Development of Hedgehog Pathway Inhibitors (HPI) in Treatment of Cancer. *Cur. Chem. Biol.* **2015**, *8*, 132-148.
 11. Garu, A.; Moku, G.; Gulla, S.; **Pramanik, D.**; Majeti, B.; Karmali, P.; Shaik, H.; Sreedhar, B.; Chaudhuri, A. Examples of Tumor Growth Inhibition Properties of Liposomal Formulations of pH-Sensitive Histidinylated Cationic Amphiphiles. *ACS Biomater. Sci. & Eng.* **2015**, *1*, 646-655.
 12. Gupta, S; **Pramanik, D.** Phytochemicals and Cancer Stem Cells: A Pancreatic Cancer Overview. *Cur. Chem. Biol.* **2016**, *10*, 98-108.

Saikat Kumar Manna

Journal Publications:

1. Mondal, S.; **Manna, S. K.**; Maiti, K.; Maji, R.; Ali, S. S.; Manna, S.; Uddin, M. R.; Mandal, S.; Mahapatra, A. K. *Supramolecular Chemistry* **2017**, DOI: 10.1080/10610278.2017.1301452.

2. Mahapatra, A. K.; Ali, S. S.; Maiti, K.; Mondal, S.; Maji, R.; Manna, S.; **Manna, S. K.**; Uddin, M. R.; Mandal, S. *RSC Advances* **2016**, *6*, 113219.
3. Maiti, K.; Mahapatra, A. K.; Maji, R.; Mondal, S.; Ali, S. S.; Gangopadhyay, A.; **Manna, S. K.**; Mandal, S. *ChemistrySelect* **2016**, *1*, 5066.
4. Mahapatra, A. K.; Maji, R.; Maiti, K.; Mondal, S.; Ali, S. S.; **Manna, S. K.**; Sahoo, P. *Supramolecular Chemistry* **2016**, *29*, 215.
5. Mahapatra, A. K.; Mondal, S.; **Manna, S. K.**; Maiti, K.; Maji, R.; Ali, S. S.; Mandal, S.; Uddin, M. R.; Maiti, D. K. *ChemistrySelect* **2016**, *3*, 375.
6. Mahapatra, A. K.; Mondal, S.; **Manna, S. K.**; Maiti, K.; Maji, R.; Ali, S. S.; Mandal, D.; Uddin, M. R.; Mandal, S.; *Supramolecular Chemistry* **2016**, *28*, 693.
7. Jana, A.; Manna, S. K.; Mondal, S. K.; Mandal, A.; **Manna, S. K.**; Jana, A.; Senapati, B. K.; Jana, M.; Samanta, S. *Tetrahedron Letters* **2016**, *57*, 3722.
8. Samai, S.; Ghosh, D.; Das, U. K.; Atta, S.; **Manna, S. K.**; Maiti, D. K. *Green Chemistry* **2016**, *18*, 2961.
9. Laha, R. M.; Khamarui, S.; **Manna, S. K.**; Maiti, D. K. *Org. Lett.* **2016**, *18*, 144.
10. Mahapatra, A. K.; Ali, S. S.; Maiti, K.; **Manna, S. K.**; Maji, R.; Mondal, S.; Uddin, M. R.; Mandal, S.; Sahoo, P.; *RSC Advances* **2015**, *5*, 81203.
11. Mahapatra, A. K.; Maji, R.; Maiti, K.; **Manna, S. K.**; Mondal, S.; Ali, S. S.; Manna, S.; Sahoo, P.; Mandal, S.; Uddin, M. R.; Mandal, D. *RSC Advances* **2015**, *5*, 58228.
12. Mahapatra, A. K.; Maiti, K.; **Manna, S. K.**; Maji, R.; Mondal, S.; Mukhopadhyay, C. D.; Sahoo, P.; Mandal, D. *Chemical Communications* **2015**, *51*, 9729.
13. Mahapatra, A. K.; Maiti, K.; Maji, R.; **Manna, S. K.**; Mondal, S.; Ali, S. S.; Manna, S. *RSC Advances* **2015**, *5*, 24274.
14. Mahapatra, A. K.; Mondal, S.; **Manna, S. K.**; Maiti, K.; Maji, R.; Mandal, S.; Sarkar, D.; Mondal, T. K. *Dalton Transactions* **2015**, *44*, 6490.
15. Mahapatra, A. K.; **Manna, S. K.**; Pramanik, B.; Maiti, K.; Mandal, S.; Ali, S. S.; Mondal, D. *RSC Advances* **2015**, *5*, 10716.
16. Mahapatra, A. K.; **Manna, S. K.**; Maiti, K.; Mandal, S.; Maji, R.; Mandal, D.; Mandal, S.; Goswami, S.; Quah, C. K.; Fun, H.-K. *Analyst* **2015**, *140*, 1229.

17. Mahapatra, A. K.; Maji, R.; Maiti, K.; **Manna, S. K.**; Mondal, S.; Mukhopadhyay, C. D.; Goswami, S.; Sarkar, D.; Mondal, T. K. Quah, C. K.; Fun, H.-K. *Sensors & Actuators: B. Chemical* **2015**, *207*, 878.
18. Mahapatra, A. K.; Mondal, S.; Maiti, K.; **Manna, S. K.**; Maji, R.; Mandal, S.; Goswami, S.; Mondal, D.; Quah, C. K.; Fun, H.-K. *RSC Advances* **2014**, *4*, 56605.
19. Mahapatra, A. K.; Maiti, K.; **Manna, S. K.**; Maji, R.; Mukhopadhyay, C. D.; Pakhira, B.; Sarkar, S. *Chemistry–An Asian Journal* **2014**, *9*, 3623.
20. Mahapatra, A. K.; **Manna, S. K.**; Maiti, K.; Maji, R.; Mukhopadhyay, C. D.; Sarkar, D.; Mondal, T. K. *RSC Advances* **2014**, *4*, 36615.
21. Mahapatra, A. K.; **Manna, S. K.**; Mukhopadhyay, C. D.; Mandal, D. *Sensors & Actuators: B. Chemical* **2014**, *200*, 123.
22. Mahapatra, A. K.; **Manna, S. K.**; Mandal, D.; Mukhopadhyay, C. D. *Inorganic Chemistry* **2013**, *52*, 10825.
23. Mahapatra, A. K.; **Manna, S. K.**; Mukhopadhyay, S. K.; Banik, *Sensors & Actuators: B. Chemical* **2013**, *183*, 350.
24. Mahapatra, A. K.; Roy, J.; **Manna, S. K.**; Kundu, S.; Mukhopadhyay, S. K.; Banik, A. *Journal of Photochemistry and Photobiology A: Chemistry* **2012**, *240*, 26.
25. Mahapatra, A. K.; **Manna, S. K.**; Sahoo, P. *Talanta* **2011**, *85*, 2673.

Sudipta Pathak

Journal Publications:

1. “Facile synthesis of substituted pyrrole-fused isocoumarins from ninhydrin” Sudipta Pathak, Ashis Kundu, Animesh Pramanik, *Tetrahedron Letters*, **2011**, *52*, 5180-5183.
2. “Regioselective synthesis of two types of highly substituted 2-pyridones through similar multicomponent reactions” Sudipta Pathak, Ashis Kundu, Animesh Pramanik, *Tetrahedron Letters*, **2012**, *53*, 3030-3034.

3. "Synthesis of biologically important phthalazinones, 2,3-benzoxazin-1-ones and isoindolinones from ninhydrin and their antimicrobial activity" Sudipta Pathak, Kamallesh Debnath, Sk Tofajjen Hossain, Samir Kumar Mukherjee, Animesh Pramanik, *Tetrahedron Letters*, 2013, 54, 3137-3143.
4. "Diastereoselective synthesis of isoindole-fused diazacyclooctindenones from spirochromenes through domino reactions with aliphatic 1, 2 diamines" Sudipta Pathak, Animesh Pramanik, *Eur. J. Org. Chem.* 2013, 4410-4417.
5. "Silica sulfuric acid: a reusable solid catalyst for one pot synthesis of densely substituted pyrrole-fused isocoumarins under solvent-free condition" Sudipta Pathak, Kamallesh Debnath, Animesh Pramanik, *Beilstein Journal of Organic Chemistry*, 2013, 9, 2344-2353.
6. "Monobromomalononitrile: an efficient regioselective mono brominating agent towards active methylene compounds and enamines under mild conditions" Sudipta Pathak, Ashis Kundu, Animesh Pramanik, *RSC Adv.*, 2014, 4, 10180-10187.
7. "Facile cyclization in the synthesis of highly fused diaza cyclooctanoid compounds using retrievable nano magnetite-supported sulfonic acid catalyst" Sudipta Pathak, Kamallesh Debnath, Md. Masud Rahaman Mollick, Animesh Pramanik, *RSC Adv.*, 2014, 4, 23779–23789.
8. "Synthesis of 4-Hydroxyindole Fused Isocoumarin Derivatives and Their Fluorescence "Turn-Off" Sensing Cu(II) Ions" Sudipta Pathak, Doyel Das, Ashis Kundu, Subhendu Maity, Nikhil Guchhait, Animesh Pramanik, *RSC Adv.*, 2015, 5, 17308- 17318.
9. "Synthesis of 5-aryl-3H-[1,3,4]oxadiazol-2-ones from *N'*-(chloro-aryl-methylene)-*tert*-butylcarbazates using basic alumina as an efficient and recyclable surface under solvent-free

- condition” Kamalesh Debnath, Sudipta Pathak, Animesh Pramanik, *Tetrahedron Letters*, 2013, 53, 896-899.
10. “Microwave assisted synthesis of 2,3-diaryl-6,7-dihydro-5H-pyrrolo[1,2-a]imidazoles through direct condensation of aryl 1,2-diketones and L-proline under solvent-free condition” Subhendu Maity, Sudipta Pathak, Animesh Pramanik, *Tetrahedron Letters*, 2013, 54, 2528-2532.
 11. “Facile synthesis of ninhydrin and isatin based hydrazones in water using PEG-OSO₃H as a highly efficient and homogeneous polymeric acid-surfactant combined catalyst” Kamalesh Debnath, Sudipta Pathak, Animesh Pramanik, *Tetrahedron Letters*, 2013, 54, 4110-4115.
 12. “Synthesis of 1,2-diaryl-1*H*-indol-4-ols and 1,2-diaryl-7-ethoxy-1,5,6,7-tetrahydroindol-4-ones from arylglyoxals and enamines through domino reactions” Subhendu Maity, Sudipta Pathak, Animesh Pramanik, *Eur. J. Org. Chem.* 2013, 2479-2485.
 13. “Synthesis and fluorescence properties of isatin-based spiro compounds: Switch off chemosensing of Copper(II) ions” Ashis Kundu, Sudipta Pathak, Animesh Pramanik, *Asian J. Org. Chem.* 2013, 2, 869 -876.
 14. “Silica sulfuric acid: an efficient reusable heterogeneous solid support for the synthesis of 3*H*,30*H*-spiro[benzofuran-2,10isobenzofuran]-3,30-diones under solvent-free condition” Kamalesh Debnath, Sudipta Pathak, Animesh Pramanik, *Tetrahedron Letters*, 2014, 55, 1743-1748.
 15. “Facile synthesis of of 3*H*,3'*H*-spiro[benzofuran-2,1'-isoindole]-3,3'-diones using monobromomalononitrile (MBM) as an efficient organo-brominating agent” Ashis Kundu, Sudipta Pathak, Kamalesh Debnath, Animesh Pramanik, *Tetrahedron Letters*, 2014, 55, 3960–3968.

16. “Substituted Benzo[a]carbazoles and Indole Acetic Acids from Arylglyoxals and Enamines through Domino Condensation and Thermal Cyclization and Aromatization” Subhendu Maity, Sudipta Pathak, Animesh Pramanik, *Eur. J. Org. Chem.* 2014, 4651–4662.

Khokan Samanta

Journal Publications:

1. Y. Yoon^a, **K. Samanta**^a, H. Lee, K. S. Lee, A. P. Tiwari, J. H. Lee, J. Yang and H. Lee; *Scientific Reports*, **2015**, 5:14177 | DOI: 10.1038/srep14177. (^aAuthors are equal contributing)
2. S. Some, S. Kim, **K. Samanta**, Y. Kim, Y. Yoon, Y. Park, S. M. Lee, K. S. Lee and H. Lee; *Nanoscale*, **2014**, 6, 11322.
3. **K. Samanta**, S. Some, Y. Kim, Y. Yoon, M. Min, S. M. Lee, Y. Park and H. Lee; *Chem. Commun.*, **2013**, 49, 8991.
4. **K. Samanta**, A. K. Sarkar, G. K. Kar. *Synthetic Communication* **2013**, 43, 384.
5. **K. Samanta**, G. K. Kar, A. K. Sarkar *Tetrahedron Lett.* **2012**, 53, 1376.
6. **K. Samanta**, G. K. Kar, A. K. Sarkar. *Polycyclic Aromatic Compounds*, **2012**, 32, 515.
7. **K. Samanta**, G. K. Kar, A. K. Sarkar; *Tetrahedron Lett.* **2008**, 49, 1461.

Barnali Jana

Articles Published in Publications:

1. A. Mahata, D. Bose, D. Ghosh, **B. Jana**, B. Bhattacharya, D. Sarkar and N. Chattopadhyay, *Studies of Triton-X-165- β cyclodextrin interactions using both intrinsic and extrinsic fluorescence*, *J. Colloid Interface Sci.* 2010, 347, 252.

2. B. Bhattacharya, **B. Jana**, D. Bose and N. Chattopadhyay, *Multiple emissions of benzil at RT and 77K and their assignments from ab-initio quantum chemical calculation*, J. Chem. Phys. 2011, 134, 44535.
3. D. Bose, **B. Jana**, S. Datta and N. Chattopadhyay, *Excited state intramolecular proton transfer of 2-hydroxy-1-naphthaldehyde semicarbazone: A combined fluorometric and quantum chemical study*. J. Photochem. Photobiol. A: Chem. 2011, 222, 220.
4. **B. Jana**, S. Senapati, D. Ghosh, D. Bose and N. Chattopadhyay, *Spectroscopic Exploration of mode of Binding of ctDNA with 3-Hydroxyflavone: A Contrast to the mode of Binding with Flavonoids Having Additional Hydroxyl Groups*, J. Phys. Chem. B 2012, 116, 639.
5. **B. Jana** and N. Chattopadhyay, *Multiple emissions of α -Naphthil: Fluorescence from S_2 state*. J. Phys. Chem. A 2012, 116, 7836.
6. **B. Jana**, S. Ghosh and N. Chattopadhyay, *Competitive binding of nile red between lipids and β -cyclodextrin*. J. Photochem. Photobiol. B: Biol. 2013, 126, 1.
7. P. Kundu, S. Ghosh, **B. Jana**, N. Chattopadhyay, *Binding interaction of differently charged fluorescent probes with egg yolk phosphatidylcholine and the effect of β -cyclodextrin on the lipid-probe complexes: A fluorometric investigation*. Spectrochim. Acta A. 2015, 142, 15.

Uday Sankar Midya

Articles Published in Journals:

1. Hydration Behavior at the Ice-Binding Surface of the Tenebrio molitor Antifreeze Protein. U. S. Midya; S. Bandyopadhyay. **J. Phys. Chem. B** 2014, 118, 4743.

Monotosh Mondal

Articles Published in Journals:

1. **M. Mondal**, P. M. Guha, S. Giri, A. Ghosh, *Deactivation of catecholase-like activity of a dinuclear Ni(II) complex by incorporation of an additional Ni(II)*, Journal of Molecular Catalysis A, Chemical, **2016**, 424, 54.
2. **M. Mondal**, S. Giri, P. M. Guha, A. Ghosh, *Dependence of magnetic coupling on ligands at the axial positions of Ni^{II} in phenoxido bridged dimers: experimental observations and DFT studies*. Dalton Trans, **2017**, 46, 697.

Shubhankar Samanta

(Transfer to Bidhannagar Govt. College on February 2016)

RESEARCH ACTIVITIES

Principal Investigator: **DST FAST TRACK** Project entitled “Synthesis of naphthoquinone based natural product and its analogue by Heck and Michael reactions” (SB/FT/CS-189/2012 DATE 30.06.2014)

UGC Sponsored Minor Research Project “Synthesis of Oxygen Containing Heterocycles by Heck and Michael reactions” (F.PSW-169/11-12 (ERO) dated 25-Jan-2012)

Rs. 1.95 lacs (June, 2012 to June, 2014)

Articles Published in Journal:

1. Pd(0) catalyzed intramolecular Heck reaction: a versatile route for the synthesis of 2-aryl substituted 5-, 6-, and 7-membered O-containing heterocycles **Shubhankar Samanta**, Hemakesh Mohapatra, Rathin Jana, Jayanta K. Ray **Tetrahedron letters*, **2008**, 49, 7153.
2. Substrate dependent intramolecular palladium-catalyzed cyclization and subsequent β -H elimination or C-H activation: a general method for the synthesis of fused pyran rings Rathin Jana, **Shubhankar Samanta**, Jayanta K. Ray **Tetrahedron letters*, **2008**, 49, 851

3. Novel and Rapid Palladium-Assisted 6π Electrocyclic Reaction Affording 9,10-Dihydrophenanthrene and Its Analogues Rathin Jana, Indranil Chatterjee, **Shubhankar Samanta**, and Jayanta K. Ray* *Organic letters*, **2008**, *10*, 4795.
4. Sodiumborohydride or potassium carbonate-mediated intramolecular Michael addition: a general method for the synthesis of fused dihydrofuran and furan derivatives **Shubhankar Samanta**, Rathin Jana, Jayanta K. Ray **Tetrahedron letters*, **2009**, *50*, 6751.
5. Thiol-mediated tandem Michael–aldol reaction: a convenient method for the synthesis of fused cyclopentenones **ShubhankarSamanta**, NasimaYasmin, DebasishKundu and Jayanta K. Ray **Tetrahedron Letters*, **2010**, *51*, 4132.
6. Synthesis of substituted benzimidazo[2,1-*a*]isoquinolines and its condensed analogues using Pd(0)-catalyzed cyclization/C-H activation Sukla Nandi, **Shubhankar Samanta**, Susovan Jana and Jayanta K. Ray* *Tetrahedron Letters*, **2010**, *51*, 5294
7. Palladium-catalyzed one-pot Suzuki coupling followed by arylpalladium addition to aldehyde: a convenient route to fluoren-9-one derivatives Sunandapaul, **ShubhankarSamanta**, and Jayanta K. Ray**Tetrahedron Letters*, **2010**, *51*, 5604.
8. Synthesis of Phenanthrene and alkyl Phenanthrenes by Pd(0) catalyzed pericyclic reaction Rathin Jana, AnupBiswas, **ShubhankarSamanta**and Jayanta. K. Ray* *Synthesis*, **2010**, *12*, 2092.
- 9.Synthesis of Pentalongin C(1)-and C(3) substituted Pentalongin using intramolecular Heck reaction by Sukla Nandi, Raju Singh, **ShubhankarSamanta**, Jayanta K Ray*.*Tetrahedron Letters***2012**, *53*, 2659.
- 10.A facile, catalyst-free synthesis of new polycyclic pyrrolo[1,2-*b*]pyrazolonederivatives by Suresh Kumar Mondal, Susanta Kumar Manna, ArabindaMandal , **ShubhankarSamanta***, Jayanta K. Ray*. *Tetrahedron Letters* **2014**, *55*, 6411–6415

11. One-pot synthesis of highly fluorescent polycyclic benzimidazole derivatives By Susanta Kumar Manna, Suresh Kumar Mondal, Atiur Ahmed, ArabindaMandal, AtanuJanac, Mohammed Iqbal, **ShubhankarSamanta**,* Jayanta K. Ray* RSC Advances, **2014**, 4, 2474-2481.

12. Platinum(II)–Catalyzed Novel Synthesis of 3,4-Fused Furans. Susanta Kumar Manna, ArabindaMandal, Suresh Kumar Mondal, **ShubhankarSamanta**,* Jayanta K. Ray*,Mahiuddin Baidya*. Synthetic Communication. **2015**, 45, 625-634.

Arabinda Mandal

(Transferred to Bidhannagar Govt. College on February 2016)

Articles Published in Journals:

1. A facile, catalyst-free synthesis of new polycyclic pyrrolo[1,2-b]pyrazolone derivatives by Suresh Kumar Mondal, Susanta Kumar Manna, **ArabindaMandal** , ShubhankarSamanta*, Jayanta K. Ray*. Tetrahedron Letters **2014**, 55, 6411–6415.

2. One-pot synthesis of highly fluorescent polycyclic benzimidazole derivatives By Susanta Kumar Manna, Suresh Kumar Mondal, Atiur Ahmed, **ArabindaMandal**,AtanuJanac, Mohammed Iqbal, ShubhankarSamanta,* Jayanta K. Ray* RSC Advances, **2014**, 4, 2474-2481.

3. Platinum(II)–Catalyzed Novel Synthesis of 3,4-Fused Furans. Susanta Kumar Manna, **Arabinda Mandal**,Suresh Kumar Mondal, ShubhankarSamanta,* Jayanta K. Ray*,MahiuddinBaidya*.Synthetic Communication **2015**, 45, 625-634.

Susanta Kumar Manna

(Transfer to Bidhannagar Govt. College on February 2016)

Principal Investigator: **UGC Sponsored Minor Research Project** “DNA Intercalation of Ru (II)-complexes” [UGC-MRP (No. PSW-086/11-12) 28.11.2011- 28.11.2013]

Articles Published in Journals:

1. One-pot synthesis of highly fluorescent polycyclic benzimidazole derivatives By **Susanta Kumar Manna**, Suresh Kumar Mondal, Atiur Ahmed, ArabindaMandal,AtanuJanac, Mohammed Iqbal, ShubhankarSamanta,* Jayanta K. Ray* RSC Advances, 2014, 4, 2474-2481.
2. A facile, catalyst-free synthesis of new polycyclic pyrrolo[1,2-b]pyrazolonederivatives by Suresh Kumar Mondal, **Susanta Kumar Manna**, ArabindaMandal , ShubhankarSamanta*, Jayanta K. Ray*. Tetrahedron Letters **2014**, 55, 6411–6415
3. Platinum(II)–Catalyzed Novel Synthesis of 3,4-Fused Furans. **Susanta Kumar Manna**, ArabindaMandal, Suresh Kumar Mondal, Shubhankar Samanta,* Jayanta K. Ray*,Mahiuddin Baidya*.Synthetic Communication**2015**, 45, 625-634.

Arup Kumar Adak

(Transfer to Bidhannagar Govt. College on June 2016)

1. Antacids: Composition and Function by Arup Kumar Adak Aureole (ISSN no-0976-9625) **2014**, 5, 67-72.

Bankim Chandra Ghosh

(Transfer to Durgapur Govt. College, January 2016)

Articles Published in Journal:

1. ‘Determination of individual proton affinities of reserpine from its UV-Vis and charge transfer spectra’- **B. C. Ghosh**, N. Deb and A. K. Mukherjee.*J. Phys. Chem. A*, 112, 6929-6935 (2008).
2. ‘Inclusion of riboflavin in β -cyclodextrin: A fluorimetric and absorption spectrometric study’- D. K. Roy, N. Deb, **B. C. Ghosh** and A. K. Mukherjee.*Spectrochim. Acta, Part A*, 73, 201-204 (2009).

3. 'Determination of individual proton affinities of ofloxacin from its UV-Vis absorption, fluorescence and charge-transfer spectra: Effect of inclusion in β -cyclodextrin on the proton affinities'- **B. C. Ghosh**, N. Deb and A. K. Mukherjee. *J. Phys. Chem. B*, 114, 9862-9871 (2010).
4. Spectroscopic investigation of the three prototropic forms of a β -cyclodextrin-indolizine derivative from its inclusion-cum-charge-transfer complexes'- **B. C. Ghosh**, N. Deb, M. Becuwe, S. Fourmentin and A. K. Mukherjee. *Chem. Phys. Lett*, 504, 100-106 (2011).
5. 'Room-temperature fluorescence of a charge-transfer complex of reserpine in aqueous and aqueous-ethanol media'- **B. C. Ghosh** and A. K. Mukherjee. *Mol. Phys.*, 109, 1805-1811 (2011).
6. Excited State Proton Transfer assisted Fluorescence Resonance Energy Transfer in an Inclusion complex of a α -CD derivative'- **B. C. Ghosh**, N. Deb, M. Becuwe, S. Fourmentin and A. K. Mukherjee. *J. Photochem. Photobiol. A: Chemistry* 238, 29-34 (2012).
7. 'Investigation of ionization equilibria of L-aspartic and L-glutamic acids in water at a microscopic level by DFT method'- **B. C. Ghosh** and A. K. Mukherjee. *Mol. Phys.*, 111, 851-859 (2013).

Kankan Kumar Maity

(Govt. approved part time Lecturer:)

1. A heteroglycan from the mycelia of *Pleurotus ostreatus*: structure determination and study of antioxidant properties. Sukesh Patra, Pradip Patra, **Kankan K. Maity**, Soumitra Mandal, Sanjay K. Bhunia, Biswajit Dey, K. Sanjana P. Devi, Somanjana Khatua, Krishnendu Acharya, Tapas K. Maiti, Syed S. Islam, *Carbohydrate Research*, 368, 2013, 16-21.
2. Structure and immunology of a heteroglycan from somatic hybrid mushroom of *Pleurotus florida* and *Calocybe indicavar*. APK2. Biswajit Dey, Sanjoy K. Bhunia, **Kankan K. Maity**, Sukesh Patra, Soumitra Mandal, Birendra Bahera, Tapas K. Maiti, Samir R. Sikdar, Syed S. Islam, *International Journal of Biological Macromolecules*, 52, 2013, 312– 318.

3. Glucans of *Pleurotus florida* blue variant: Isolation, purification, characterization and immunological studies. Biswajit Dey, Sanjoy K. Bhunia, **Kankan K. Maity**, Sukesh Patra, Soumitra Mandal, Swatilekha Maiti, Tapas K. Maiti, Samir R. Sikdar, Syed S. Islam, *International Journal of Biological Macromolecules*, 50, 2012, 591– 597.
4. Heteroglycan from an alkaline extract of a somatic hybrid mushroom (*PfloVv1aFB*) of *Pleurotus florida* and *Volvariella volvacea*: structural characterization and study of immunoenhancing properties. Sanjoy Kumar Bhunia, Biswajit Dey, **Kankan K. Maity**, Sukesh Patra, Soumitra Mandal, Swatilekha Maiti, Tapas K. Maiti, Samir R. Sikdar, Syed S. Islam, *Carbohydrate Research*, 354, 2012, 110–115.
5. A heteropolysaccharide from aqueous extract of an edible mushroom, *Pleurotus ostreatus* cultivar: structural and biological studies. **Kankan K. Maity**, Sukesh Patra, Biswajit Dey, Sanjoy K. Bhunia, Soumitra Mandal, Debsankar Das, Dibyendu K. Majumdar, Swatilekha, Maiti, Tapas K. Maiti, Syed S. Islam, *Carbohydrate Research*, 346, 2011, 366–372.
6. Structural characterization and study of immunoenhancing properties of heteroglycan isolated from a somatic hybrid mushroom (*PfloVv1aFB*) of *Pleurotus florida* and *Volvariella volvacea*. Sukesh Patra, **Kankan K. Maity**, Sanjay K. Bhunia, Biswajit Dey, Soumitra Mandal, Tapas K. Maiti, Samir R. Sikdar, Syed S. Islam, *Carbohydrate Research*, 346, 2011, 1967–1972.
7. Structural analysis of an arabinan isolated from alkaline extract of the endosperm of seeds of *Caesalpinia bonduc* (Nata Karanja). Soumitra Mandal, Sukesh Patra, Biswajit Dey, Sanjoy K. Bhunia, **Kankan K. Maity**, Syed S. Islam, *Carbohydrate Polymers*, 84, 2011, 471–476.
8. Isolation and characterization of an immunoenhancing glucan from alkaline extract of an edible mushroom, *Lentinus squarrosulus* (Mont.) Singer. Sanjoy Kumar Bhunia, Biswajit Dey, **Kankan K. Maity**, Sukesh Patra, Soumitra Mandal, Swatilekha Maiti, Tapas K. Maiti, Samir R. Sikdar, Syed S. Islam, *Carbohydrate Research*, 346, 2011, 2039–2044.
9. Chemical analysis of an immunoenhancing water-soluble polysaccharide of an edible mushroom, *Pleurotus florida* blue variant. Biswajit Dey, Sanjoy K. Bhunia, **Kankan K. Maity**,

Sukesh Patra, Soumitra Mandal, Swatilekha Maiti, Tapas K. Maiti, Samir R. Sikdar, Syed S. Islam, *Carbohydrate Research*, 345, 2010, 2736–2741.

10. Structural characterization of an immunoenhancing heteroglycan isolated from an aqueous extract of an edible mushroom, *Lentinus squarrosulus* (Mont.) Singer. Sanjoy Kumar Bhunia, Biswajit Dey, **Kankan K. Maity**, Sukesh Patra, Soumitra Mandal, Swatilekha Maiti, Tapas K. Maiti, Samir R. Sikdar, Syed S. Islam, *Carbohydrate Research*, 345, 2010, 2542–2549.

11. Chemical analysis of new water-soluble (1→6)-, (1 → 4)-a, b-glucan and water-insoluble (1 → 3)-, (1 → 4)-b-glucan (Calocyban) from alkaline extract of an edible mushroom, *Calocybe indica* (Dudh Chattu). Soumitra Mandal, **Kankan K. Maity**, Sanjoy K. Bhunia, Biswajit Dey, Sukesh Patra, Samir R. Sikdar, Syed S. Islam, *Carbohydrate Research*, 345, 2010, 2657–2663.

12. A β -glucan from the alkaline extract of a somatic hybrid (*PfloVv5FB*) of *Pleurotus florida* and *Volvariella volvacea*: structural characterization and study of immunoactivation. **Kankan K. Maity**, Sukesh Patra, Biswajit Dey, Sanjoy K. Bhunia, Soumitra Mandal, Birendra Bahera, Tapas K. Maiti, Samir R. Sikdar, Syed S. Islam, *Carbohydrate Research*, 2013, (Accepted manuscript).

Department of Economics

Tithi Bose

1. Bose, Tithi and Archita Ghosh (2013), “Performance of Panchayats in Executing Indira Awas Yojana in West Bengal” in Ghosh and Chattopadhyay (ed.) *Rural Development in India: Challenges and Prospects*, Serials Publications, New Delhi, ISBN: 978-81-8387-592-9.
2. Bose, Tithi (2015): Right to Work And How It Is Being Executed in West Bengal : A Case Study, *Indian Streams Research Journal*, Volume.5, Issue.7., pp 1-16

3. Bose, Tithi & Archita, Ghosh (2016): "How Far Has MGNREGS Contributed to Empowerment of Women? A Case Study of a Block in Purulia" in Hasibul Rahman (ed) *SOCIAL PERCEPTION OF WOMEN* , Kunal Books, New Delhi, ISBN : 978-93-82420-000.

Department of English

Manu Auddy

1. Katherine Mansfield : 'The Fly' (Chapter in book entitled Narrative and Narration- A study of the Modern Short Story published by Anthem Press) 2008
2. Chapter included in Seminar proceedings- seminar on Victorian Literature held in Naba Ballygunge Mahavidyalaya 2010
3. Self Learning Material for NSOU ON Chaucer 2014
4. Chapter in book on Women's Studies. Chapter entitled 'Women in Ashapurna Devi's Trilogy' 2014
5. Section on Ernest Hemingway's 'The Old Man and the Sea' in book on American Literature- yet to be published

Pritam Bandyopadhyay

1. **Translation for book:**

Word for Word: Essays on Translation in Memory of Jagannath Chakraborty

(edited by Prof. Visvanath Chatterjee)

Year of publication: 1994

Published by: Papyrus

2. **Title of paper published:** *Keats and Silence*

Year of publication: 2008

Title of journal: *Impressions*

Published by: Department of English, Vivekananda College for Women, Barisha, Kolkata.

3. **Title of paper published:** ‘Colonial Cousins or Conjoined Twins? Observations on Literature, Language and Power in the English Literature Classroom’

Year of publication: 2013

Title of Journal: *Asian Quarterly: An International Journal of Contemporary Issues*, Volume 11, Issue no. 3 ISSN 2229 – 581X

Srimanta Das

Articles Published in Journals:

1. "An Ordinary Evening in the City", *International Journal of English Literature, Language, and Skills*, Ed. MrudulaLakkaraju, August 2015, Volume 4 Special Issue 2, Short Story Special, ISSN 22780742.
2. "Eve Kosofsky Sedgwick: A Feminist Writing about Men", *Women Writers and Writings about Women: Critical Articles*, Ed. Ram AvadhPrajapati and Dr. Asish Gupta, 2015, ISBN-978-81-922645-5-4
3. "Rabindranath Tagore's Portrayal of Women in *Red Oleanders*", *Indian English Dramatists: An Exploration*, Ed. Ram AvadhPrajapati and Dr. Asish Gupta, 2015, ISBN-978-81-922645-3-0.

Department of Geography

Bidyut Pramanik

Articles Published in Journals

1. The occupational disease and its root: a micro level study at a coastal village in Runn of Kutch, Gujrat, *Geographical review of india*, 74(2), June ,2012, pp-150-162, ISSN No: 0375-6386

2. The anthropogenic impact on avian migration and floral resources: a case study of satragachi wet land, Howrah, West Bengal Aureole, an academic journal, volume-4, no 1, July 2013, pp-56-62, ISSN No; 0976-9625
3. Can bottle neck of the prospect of traditional of SSI be inevitable?, Journal of rural and industrial development ,a peer review journal of publishing India group, New Delhi, volume 1, Issue-2, October,-2013, pp-24-31, ISSN no: 2321-1873
4. The industrilal impact on the Rann of Kutch: India's wild waste Aureole, academic journal , a publication of science, volume-5, no-1, April, 2014, pp-139-143, ISSN no: 0976-9625.
5. Interrelation between poverty and hypertension: a cross sectional study in the happy valley tea garden, Darjeeling, India Al-ameen journal of medical science, us national library of medicine enlisted journal, April, 2015,8(2), pp-125-134, ISSN no: 0974-1143
6. Survival of polo ball identity in Haora District, West Bengal Geographical Review of India, 76(3), September-2014, pp-295-303, ISSN no. 0375-6386.

Sarbeswar Haldar

1. Analysis of changing landscape and NDVI in Ausgram-II block, bardhaman district , west Bengal using landsat TM images, resources and development (issues and concerns), PAER IN EDITED VOLUME BOOK edited by N.C .Jana, and L.Sivaramakrisnan pp-160-168, ISBN-978-81-8064-252-4. October, 2013
2. Present status of solid waste management system in Assansol municipal corporation IOSR journal of humanities and social sciences, volume-20, iissue-4, ver-II, pp-31-36, April, 2015, IISN no: 2279-0837
3. Critical analysis of fresher college student's behaviour-a psycho geographical study International Journal of Current Research Vol. 7, Issue, 05, pp.16576-16581, May, 2015
4. Identifying the Causes of Water Scarcity in Purulia, West Bengal, India - A Geographical perspective IOSR Journal of Environmental Science, Toxicology and Food Technology

Swapan Maity

(Transfer to General Degree College-Dantal on Oct, 2016)

1. Analyzing stream hydraulics and risk of sedimentation at lower reach of the Rupnarayan River. Journal of River Research Institute, Volume -31, pp. 23-38, 2011 (ISSN: 0970-9258).
2. Impact of sedimentation on development and shifting of shoal area, pools and riffles and thalweg position at lower reach of the Rupnarayan River- a case study. Indian Journal of Power and River Valley Development, March-April issue, pp. 46-54, 2012 (ISSN: 0019-5537).
3. Fluvio-morphometric analysis of Silabati and Dwarakeswar river basin, West Bengal, India using spatial information technology- a comparative study. Indian Journal of Power and River Valley Development, September-October issue, pp. 130-137, 2012 (ISSN: 0019-5537).
4. Local scouring at and around vertical hydraulic structure- a case study around piers of bridges on Rupnarayan River, West Bengal. Indian Science Cruiser, Volume-26, pp. 38-46, 2012 (ISSN: 0970-4256).
5. Hydrodynamics at the junction of Silabati, Dwarakeswar and Rupnarayan River at Bandar, Paschim Medinipur, West Bengal, India. Indian Journal of Geomorphology, Volume- 17, pp. 97-111, 2013 (ISSN: 0973-2411).
6. Sedimentation and associated problems at lower reach of the Rupnarayan River - a case study near Kolaghat Thermal Power Station. Seminar volume, Department of Geography, Hijli College, pp. 71-86, 2013 (ISBN: 81-87500-71-9).
7. Shear stress for sediment entrainment in connection with grain size at lower reach of the Rupnarayan River, West Bengal, India. Indian Science Cruiser, Volume-28, No-1, pp. 16-26, 2013 (ISSN: 0970-4256).

8. Analysis of sedimentation in connection to grain size and shear stress at lower reach of Rupnarayan River, West Bengal, India. Indian Journal of Geo-marine Sciences, Vol. 45(9), pp. 1128-1137, September 2016 (ISSN: 0379-5136) (Impact Factor-0.316).
9. Tidal impact leading to sedimentation at lower reach of the Rupnarayan River, West Bengal, India. Indian Journal of Geo-marine sciences, Vol. 45 (10), October 2016 (ISSN: 0379-5136) (Impact Factor-0.316).

Pijush Kanti Tripathi

1. Road connectivity and its implications in regional development: a case study of PurbaMedinipur district. Edited Volume; Published by the Department of Geography, Khejuri College; pp-55-59, 2014(ISBN-978-81-925349-0-9).
2. Road transport and its impact on development and environment: A case study of Purba Medinipur district; National seminar proceedings, Department of Sociology and Geography, Haldia Govt. college, pp65-69, 2013(ISBN-978-81-922957-9-4).
3. Support system in teaching geography, CTE workshop volume; geography; pp 35-38, Belur Ramakrishna Mission SikshanMandir, Howrah.
4. Pedagogical analysis in geography; IASE publication series-II, volume-V, 2009-2010, pp16-21.
5. Govt. intervention: A key issue in managing population growth and environmental conflicts in India, National Seminar proceedings, KhejuriCollege.

Sk. Mithun

1. Analyzing spatio-temporal growth dynamics of Kolkata Metropolitan Area (KMA), India, 1980-2010. Proceedings of 12th International Asian Urbanization Conference, Banaras Hindu University, Varanasi, India.

2. Compactness assessment of urban growth at spatio-temporal dimension using spatial autocorrelation: A case study of Kolkata Municipal Corporation (KMC), West Bengal, India. Proceedings of 27th Annual Conference of the India Institute of Geomorphologists (IGI), Digha, India.
3. Papers in Applied Geography Analyzing Urban Dynamics of Metropolitan Kolkata , India by Using Landscape Metrics. Papers in Applied Geography, 2(3), 284–297. <http://doi.org/10.1080/23754931.2016.1148069>
4. Modelling impacts of chemical fertilizer on agricultural production: a case study on Hooghly district, West Bengal, India. Modeling Earth Systems and Environment, 2(4), 180. <http://doi.org/10.1007/s40808-016-0223-6>

Department of Mathematics

Monami Das Roy

Articles Published in Journals

1. Roy, M., Sana, S. and Chaudhuri, K. A stochastic EPLS model with random price sensitive demand. *International Journal of Management Science and Engineering Management*. **5 (6)**, 465 – 472, 2010. (Taylor & Francis)
2. Das Roy, M., Sana, S. and Chaudhuri, K. An EOQ model for imperfect quality products with partial backlogging - a comparative study. *International Journal of Services and Operations Management*. **9 (1)**, 83 – 110, 2011. (Inderscience)
3. Das Roy, M., Sana, S. and Chaudhuri, K. An economic order quantity model of imperfect quality items with partial backlogging. *International Journal of Systems Science*. **42 (8)**, 1409 – 1419, 2011. (SCIE Journal, Taylor & Francis)
4. Das Roy, M., Sana, S. and Chaudhuri, K. An optimal shipment strategy for imperfect items in a stock-out situation. *Mathematical and Computer Modelling*. **54 (1-4)**, 2528 – 2543, 2011. (SCIE Journal, Elsevier)

5. Das Roy, M., Sana, S. and Chaudhuri, K. An integrated producer-buyer relationship in the environment of EMQ and JIT production systems. *International Journal of Production Research*. **50 (19)**, 5597 – 5614, 2012. (SCIE Journal, Taylor & Francis)
6. Das Roy, M., Sana, S. and Chaudhuri, K. An economic production lot size model for defective items with stochastic demand, backlogging and rework. *IMA Journal of Management Mathematics*. **25 (2)**, 159-183, 2014. (SCIE Journal, Oxford)

Books

1. Published a book entitled “Inventory Control & Production Planning: A Researcher’s Guide”, bearing ISBN 978-3-659-42048-1. LAP LAMBERT Academic Publishing.

Research Project:

1. Completed a **UGC Minor Research Project** F.PSW-040/10-11(ERO)Dtd.20.10.2010 entitled “An *integrated Optimized Production Technology (OPT)/ Just-In-Time (JIT) modeling on Production Planning and Inventory Control*”.**Session 2011-12:**

Dipankar Sadhukhan

1. D. Sadhukhan, B. Mondal& M. Maiti :Discrete age-structured population model with age dependent harvesting and its stability analysis: *Applied Mathematics and Computation* 201(1-2):631-639 · July 2008.
2. D. Sadhukhan, B. Mondal& M. Maiti :Food chain model with optimal harvesting in fuzzy environment: *Journal of Applied Mathematics and Computing* 34(1):1-18 · December 2010
1. D. Sadhukhan, B. Mondal& M. Maiti : A Food Web Population Model in deterministic and Stochastic Environment, *Facets of Uncertainties and Applications*. Page-277-292, Springer.-11/05/2015, ISSN-2194-1009. ISBN-978-81-322-2300-9

Deepankar Das

(Transferred to Sahid Matangini General Degree College for Women on 2015)

1. On Right Ideals and derivations in Prime rings with Engel Condition – Basudeb Dhara & **Deepankar Das**(2013) **Matematiki Vesnik**65,2 (2013),261-270.
2. A multiplicative (Generalized)- $(\sigma-\sigma)$ - Derivation Acting as(Anti-)Homomorphism in semiprime rings—Basudeb Dhara, Sukhendu Kar and **Deepankar Das** (2014) **Palestine Journal of Mathematics** vol.3(2)(2014),240-246

Department of Physics

Niladri Sekhar Mondal

Articles Published in Journals:

1. Effect of next-nearest-neighbor interaction on dx^2-y^2 – wave superconducting phase in 2D t-J model, N.S. Mondal and N.K. Ghosh, *Pramana – J. Phys.* 74, 115 (2010)
2. Role of next-nearest-neighbor hopping in the internal structure of the ground state and finite temperature quantities of 2D t-J model, N.S. Mondal and N.K. Ghosh, *Pramana – J. Phys.* 74, 1009 (2010)
3. Phonon mediated interaction in the two dimensional t-J model, N.S. Mondal and N.K. Ghosh, *American Institute of Physics Conf. Proc.* 1349, 807 (2011)
4. Role of correlated hopping in mixed valence phenomena, N.K. Ghosh, S.K. Bhowmick and N.S. Mondal, *Pramana – J. Phys.* 76, 139 (2011)
5. Effect of hole-phonon interaction on d-wave superconducting phase in 2D t-J model with phonon mediated interaction, N.S. Mondal and N.K. Ghosh, *Physica B* 406, 3723 (2011)
6. Increase of effective exchange energy due to phonon mediated interaction in the extended t-J model, N.S. Mondal and N.K. Ghosh, *American Institute of Physics Conf. Proc.* 1447, 865 (2012)
7. On-site and inter-site electron-phonon interaction in 2D Hubbard model, S. Nath, **N.S. Mondal** and N.K. Ghosh, *Physica B* 412, 83 (2013)
8. Bipolaron by inter-site electron-phonon interaction, N.S. Mondal *et. al.*, *American Institute of Physics Conf. Proc.* 1512, 810 (2013)

9. Interplay between electron-phonon interaction and Hubbard repulsion: an exact approach, S. Nath, **N.S. Mondal**, N.K. Ghosh, J Supercond Nov Magn 28, 1 (2015)

Tirthankar Choudhury

Articles Published in Journals:

1. “Shear Mechanism in 113In Using Semi-classical Method”, S.Ganguly, **T.Choudhury**, A.Dey, IJPAP 2011.
2. “Calculation of Parameter of Achcroft’s Potential using Vacancy Formation Energy for some BCC Metals: Li, Na, K, Rb, Cs, Ba”, A. Ghorai, **T. Choudhury**, A. Das, R. Dey, S. Ganguly, Defect and Diffusion Forum, 2012.
3. “Calculation of Parameter of Achcroft’s Potential using Vacancy Formation Energy for some BCC Metals: Cr, Mo, W, V, Nb, Ta, Tl, Eu, and Zr”, A.Ghorai, **T. Choudhury**, A.Das, R.Dey, S.Ganguly, diffusion-fundamentals.org, 2012.
4. “Waste Management and its Implication to Modern Life” **T. Choudhury**, A. Das, IJESDM, 2013.
5. Global Warming and Resulting Climate Change”, **T. Choudhury**, IJESDM, 2013.
6. “Fuel for Development and its Enviromental Impact: An Indian Perspective”, S. R. Bhattacharyya, **T. Choudhury**, IJESDM, 2014.
7. “Different Techniques for Synthesis of Nanostructures and its Applications”, A. Das and **T. Choudhury**, IJPAP, 2015.
8. “Nuclear Waste Management”, **T. Choudhury** and S. R. Bhattacharyya, IJPAP, 2016.

Debolina Das

Articles Published in Journals

1. “Real time investigation of the effect of thermal expansion coefficient mismatch on film-substrate strain partitioning in Ag/Si systems”
Debolina Das, Nasrin Banu, Bhaskar Bisi, J. C. Mahato, V. Srihari, Rumu Halder and B. N. Dev, J. of Appl. Phys. 120, 135301 (2016).

2. “Self-organized patterns along sidewalls of iron silicide nanowires on Si(110) and their origin”, **Debolina Das**, J. C. Mahato, Bhaskar Bisi, B. Satpati, and B. N. Dev, Appl. Phys. Lett. 105, 191606 (2014).
3. “Growth of a-few-atom wide nanowires with different surface reconstructions via desorption of Au on vicinal Si(111) surfaces”, **Debolina Das**, J. C. Mahato, R. Batabyal, Nasrin Banu, Bhaskar Bisi, and B. N. Dev, AIP Conf. Proc. 1536, 377 (2013).
4. “Ag-induced $\sqrt{3}$ reconstruction on Si(111)/Ge-(5 × 5) and the surfactant behavior of Ag in further growth of Ge”, J. C. Mahato, **Debolina Das**, Bhaskar Bisi, Arindam Pal, B.N. Dev, Appl. Surf. Sci. 356, 249 (2015).
5. “Self-organized trench–island structures in epitaxial cobalt silicide growth on Si(111)”, J.C. Mahato, **Debolina Das**, R. Batabyal, Anupam Roy, and B.N. Dev, Surf. Sci. 620, 23–29 (2014).
6. “Uniformity of epitaxial nanostructures of CoSi₂ via defect control of the Si (111) surface”, J.C. Mahato, **Debolina Das**, Anupam Roy, R. Batabyal, R.R. Juluri, P.V. Satyam, and B.N. Dev, Thin Solid Films 534, 296–300 (2013).
7. “Nanodot to nanowire: A strain-driven shape transition in self-organized endotaxial CoSi₂ on Si(100)”, J. C. Mahato, **Debolina Das**, R. R. Juluri, R. Batabyal, Anupam Roy and B. N. Dev, Appl. Phys. Lett. 100, 263117 (2012).
8. “Self-organized one-atom thick fractal nanoclusters via field-induced atomic transport”, R. Batabyal, J. C. Mahato, **Debolina Das**, Anupam Roy, and B. N. Dev, J. Appl. Phys. 114, 064304 (2013).

9. "Negative differential resistance in electron tunneling in ultrathin films near the two-dimensional limit", R. Batabyal, A. H. M. Abdul Wasey, J. C. Mahato, **Debolina Das**, A. Roy, G. P. Das and B. N. Dev, J. Appl. Phys. 113, 034308 (2013).

Department of Physical Education

Sushanta Pal

Articles Published in Journals

1. A comparative study on AAHPER youth fitness test norms with newly constructed percentile norms of 13 years boys, International Journal of Applied Research, Vol I, Issue 8, pp 662-665, 2015
2. Reservation policy for Backward classes in Education, International Journal of Law, Education studies, 2015
3. A Study on Position of Center of Gravity of 5-11 years Boys, International Journal of Health, Physical Education & Computer Science in Sports, Vol 17 (1), pp 61- ,2015.
4. Vivekananda's view on place of Teacher and its relevance to present India, Edulight, Vol 3, Issue 5, 2014.

Dr. Biswajit Bhunia

(Transferred to Government College of Physical Education for Woman, Dinhata)

Articles Published in Journals :

Bhunja, Biswajit (2015): Sports Psychology, Sports Sociology and Athletic Performance
Sports Psychology, Sports Sociology and Athletic Performance. *Active Life Style*

Bhunja, Biswajit (2015): A Study on the Explosive Strength of Arm and Shoulder *Active Life Style*

Bhunja, Biswajit (2016): Physical Activity and Management of Osteoporosis for Public Health
Active Life Style

Department of Sociology

Hasibul Rahaman

Book publication

1. Himalayan Mosque: Perspective of Sikkim; Kunal Book, New Delhi, ISBN978-93-82420-88-00 (2016).

Chapters in Book

1. Tourism Potentials in Kechopalri Lake in Some empirical aspects of economic growth and diversification in India's emerging economy by Prof. Pranab Kr. Chattapadhyay, Page-359-366, New Delhi Publisher, New Delhi (2014).

Articles Published in Journals

1. Muslims and Education of West Bengal: Theory to Pragmatism; International Journal of Humanities and Social Science Invention, Vol- 4 Issue 5 P.32-38 (2015).
2. An Inside view of Kechopalri lake in Sikkim: A Sociological Study. Asian Journal of Multidisciplinary Studies, Vol.2, Issue-6, Page 35-43 (2014)
3. Crisis of the Existence of Kechopalri Lake in Sikkim: A Sociological Study; Journal of National Development, Vol.27, No.1 (Summer), Page-63-72. (2014)
4. Contextualization of Indigenous Knowledge: The Case of Kechopalri Lake in West Sikkim Contemporary Social Sciences, Vol.23, No.2, Page.65-72 (2014)
5. Challenging dimension of lake:A Case Study of Kechopalri lake in Sikkim; Research Discourse, Vol-IV, No.2, Page-80-82. (2014)
6. Role of non-government organizations(NGOs) in rural development: a study of two local NGOs in Malda district; Man and Life, Vol-39, No. 1-2, Page 103-118 (2013)
7. Conservation through religious practices: A case study of Hussain Dighi of West Bengal Contemporary Social Sciences; Vol.21, No.2; Page.119-130 (2012).

Sumana Goswami

Book publication

1. Ucchamadhyamik Samajtattwa (in Bengali) with Prof. Bholanath Bandyopadhyay & Dr. Sudarshana Sen, West Bengal State Book Board, 2013, ISBN: 978-81-247-0732-6 (2013)

Chapter in Book

1. Social Demography in Samajtattwa-er Pratyay o Dharana Sutra (in Bengali) ed. By Dr. Amit Bhowmick, Rita Publications, Kolkata, February, 2015 ISBN 978-93-8222-968-1 (2015)

Ananya Chatterjee

Chapter(s) in Books

1. “Globalization, Cultural Transformation & Indian Diaspora” in The Diasporic Dilemma: Exile, Alienation & Belonging, Edited by Dr. Pradipta Mukherjee, Creative Books, New Delhi, ISBN:978-81-8043-111-6 (2015)
2. “Globalization, Culture and Transformation of Social Relationships” with Dr. Sudeshna Basu Mukherjee, in Gender, Identity and Multiple Marginalities: Essays in Honour of Prof. Yogendra Singh, Edited by Prof. Ishwar Modi, Rawat, New Delhi, ISBN: 978-81-316-0667-4 (2014)

Department of Statistics

Shyamsundar Sahoo

Articles Published in Journal

1. Some diagnostic plots and corrective adjustments for the proportional hazards regression model, D. Sengupta & Shyamsundar Sahoo *Journal of Computational and Graphical Statistics*(2011), 20: 375--394.

2. On graphical tests for proportionality of hazards in two samples D. Sengupta & Shyamsundar Sahoo *Statistics in Medicine* (2016), 35:942-956

Sujan Chandra

Articles Published in Journal

1. A deterministic inventory model with permissible delay in payment and price discount on backorders. Manisha Pal & Sujan Chandra *OPSEARCH* (2012), 49(3), 271-279.
2. A periodic review inventory model with stock dependent demand, permissible delay in payment and price discount on backorders. Manisha Pal & Sujan Chandra *Yugoslav Journal of operations Research* (2014), 24(1), 99-110.
3. A continuous review inventory model for deteriorating items with stochastic demand and price discount on backorder. Manisha Pal & Sujan Chandra *Australian Society for Operations Research Bulletin* (2014), 33(1), 38- 47
4. Inventory model for non-instantaneous deteriorating items with stock and time dependent demand, price discount and partial backlogging. Manisha Pal & Sujan Chandra *IAPQR Transactions, Journal of The Indian Association for Productivity, Quality & Reliability*(2014), 39(2) 153-168.
5. Batting performance measures in twenty-twenty cricket: A new approach
Sujan Chandra and Tuhin Subhra Bhattacharya *Proceedings of National Seminar on Modern Physical Education, Sports and Globalization* (2015)****
6. A periodic review inventory model with ramp type demand and price discount on backorders Sujan Chandra *Advanced Modeling and Optimization* (2016), 18(1), 73-81.

Tanmay Kumar Maity

Articles Published in Journal

1. Subject Specific Treatment to Neural Networks for Repeated Measures Analysis
Tanmay Kumar Maity & Asim K Pal *Lecture Notes in Engineering and Computer Science: International Multi Conference of Engineers and Computer Scientists (2013), Vol I, pp 60-65.*

Tuhinsubhra Bhattacharya

Articles Published in Journal

1. Option Pricing under Compound Bernoulli and Poisson perturbations of AR(1) log price process Tuhinsubhra Bhattacharya & Arindam Sengupta *Calcutta Statistical Association Bulletin (Special 7-th Triennial Proceedings)(2011)Vol. 63, Nos. 249 –252.*
2. BAN Estimates of Class Boundaries under Likert-type Scaling. Tuhinsubhra Bhattacharya & Arindam Sengupta *Calcutta Statistical Association Bulletin (Special 8-th Triennial Proceedings)(2013)Vol. 65, Nos. 257 –260.*
3. A Gaussian Process Arising from Likert type scaling Tuhinsubhra Bhattacharya & Arindam Sengupta(2016) *Journal of Indian Society Probability and Statistics* , p 1-11