



St. Xavier's College (Autonomous), Kolkata
Department of Commerce (Morning)

Annual Report

It is my pleasure to introduce the Annual Report to you. The highlights presented in this report stand for just a sample of the dedication, challenging work and achievements of our faculty and students over the past year.

This Department is reputed for the excellence of its teaching in this dynamic discipline. It ranks alongside the most highly rated departments in commerce among the undergraduate colleges of this country. Whether through the academic endeavours and research of our faculty or the brilliance of our students, both in curricular and co-curricular activities, they continue to be a source of pride for the College. Our bachelor's programme in commerce is complimented by multi-media learning environment and enriched by faculty mentoring.

The COVID-19 crisis has challenged us in many new and unexpected ways. We took radical measures and made major efforts forging new paths in crisis management. This brought in both challenges and opportunities in relation to digitalisation and digitally enhanced learning and teaching, research, quality assurance, and stakeholder engagement. The Department successfully implemented online teaching and evaluation. It was a mammoth task but with the cooperation and support of Father Principal, Father Vice Principal, support staff, faculty and students, we were able to achieve it.

A One Day National workshop on Plagiarism and Academic Integrity (using i-Thenticate) organized in August, 2019 and in March 2020. A Seven-Day UGC Approved National Workshop on Quantitative Research Methodology (using SPSS-AMOS-iThenticate), was organized from 8th to 17th August, 2019.

The Department successfully organised an International Conference on Emerging Perspectives in Commerce, Economics, Environment and Management - Transformation of the Global Economy (13-14 September 2019). A large number of academics, research scholars, and students presented papers and a conference volume was published subsequently. The finance lab organised a number of workshops in statistical software, both for our faculty and students. Faculty Development Programmes were a regular feature. The Department took initiative to invite resource persons across industry, commerce and trade to conduct enriching seminars for students. All these efforts seek to instil in-depth knowledge among our students. A webinar on "Stress Management Skills for Students under the COVID – 19 Paradigm" is scheduled to be held on 1 August 2020, and it was highly appreciated.

Students of the department excelled in academics and in extra-curricular activities. This includes sports and games, seminars, workshops, and debates. We offered students the



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chance to carve out a niche in the corporate domain through various career-oriented seminars, which aided students to sharpen their skills in personal and professional spheres. Many of our students secured ranks in professional examinations. Students also got selected in leading business schools, both in India and abroad. A considerable number of our students got placed with top notch companies through the placement cell. These achievements represent just a flavour of the efforts and accomplishments of the past year.

During the pandemic, a palpable sense of grief emerged and we lost one of our senior faculty members, Dr. Samir Kumar Lobwo, Department of Accounting and Finance, who passed away on 20 July 2020. May the departed soul rest in peace and may God give his family the strength to endure this untimely loss.

Finally, I would like to place on record our reverence and sincere gratitude to Rev. Dr. Dominic Savio, S.J, Principal, for his visionary leadership, constant support, and encouragement. Father has been instrumental in giving the College, and our Department in particular, a great sense of dynamism. We thank Rev. Dr. S. Xavier, S.J., our previous Vice Principal, for his valuable guidance and support. We welcome our new Vice Principal Rev. Fr. Joseph Kulandai, S.J, who took over from 18 June 2020. Father, has been great force in getting the online classes operational for such a large number of students. His words of encouragement, guidance, and advice kept us sailing through the troubled times. We also place on record our gratitude and regards to Prof. Swapan Banerjee, our former Dean, for commitment, dedication and years of hard work. We welcome Dr. Amitava Roy, our new Dean, from 1 July 2020. Enabled by the guidance and dedication of Father Principal and Vice Principal, our faculty, support staff and students we were able to realise the department's full potential.

FACULTY ACHIEVEMENTS

ACCOUNTING AND FINANCE

Dr. Soheli Ghose

- She was awarded Outstanding Professor in Accounting and Finance at the National Leadership Awards 2019, organized by Orpit Services Pvt. Ltd.
- She was awarded Excellence in Management Research Award at the Women Excellence Award 2020 organized by ILDC and AMP.
- She was awarded Indo Asian Best Women Finance Award at the Academic Excellence Award 2020 organized by Red Talks Daily (registered with Govt. of India NITI Aayog) and RPMRES Institute of Higher Education in collaboration with IIM Australia.



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- She was awarded Dr. Sarvepalli Radhakrishnan Research Fellowship Award at the Global Professional and Educationalist Awards 2020 organised by Sarojini Research and Development Council (approved under Govt. of India, UNESCO, UNHCR and registered under ANAHEI, USA).
- She was among 20 Academicians in administrative Positions (Deans/Vice-Principals/Registrars) in the country to receive the Most Influential Women in Academics Award 2020 organized by Education Ninja and AMP.
- She delivered an invited lecture on the Overview of Financial Markets and Financial Instruments with an emphasis on Mutual Funds at The Heritage College, Kolkata.
- She acted as a resource person in an FDP on the overview of SPSS Data Analysis organized by The Heritage College, Kolkata.
- She moderated the National Level Panel Discussion on Paradigm Shift from Traditional Business to E-Commerce organized by Saahi Hain.
- She acted as a resource person in the National Level Panel Discussion on Risk Factors in Indian Business – Emerging Scenarios organized by The Heritage College, Kolkata.
- She acted as a resource person in the National Webinar on Indian capital Markets the Pre and Post Covid Scenario organized by Jain (Deemed to be) University, Bengaluru.
- She published a book Principles of Management, with ABS Publishing House (India) (July 2019. 1st Edition. August 2020 2nd Edition: ISBN: 978-93-86796-25-7).
- She published a book NTA/UGC NET/SET Commerce Paper 2, with Lawpoint Publishing House (India) (September 2019. 1st Edition. February 2020 2nd Edition: ISBN: 978-93-86185-92-1).
- She published a book Research Methodology and Project Work, with ABS Publishing House (India) (February 2020. 1st Edition: ISBN: 978-93-86796-31-8).
- She published a book Entrepreneurship Development and Business Ethics, with ABS Publishing House (India) (February 2020. 1st Edition: ISBN: 978-93-86796-30-1).
- She published a paper titled An Empirical Analysis of the Effects of Demonetization on Kolkata, in EPRA International Journal of Research & Development (IJRD) (Vol – 5; Issue 4; April 2020; ISSN: 2455-7838)
- She published a paper titled an analysis of Backfill Bias and Survivorship Bias in the Mutual Fund Industry, in International Journal of Advanced Science and Technology (Vol – 9; No. 8; May 2020; ISSN: 2674-2692)
- She published a paper titled Factors Affecting Over – The – Top (OTT) video streaming services consumption: An Analysis in Journal of Social Sciences (Vol – 48; No. 3; July 2020; ISSN: 0253 – 1097; ISSN: 0975–8935 (E))
- She published a paper titled The Influence of Doctrine: -A Study of the influence of religiosity on the Behaviour of Indian Equity Market in IOSR Journal of Humanities



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and Social Science (IOSR-JHSS) (Vol – 25; Issue 8; August 2020; ISSN: 2279-0845 ISSN:2279-0837 (E))

- She presented a paper titled an analysis of Performance of ELSS Mutual Funds in India in the Last Decade at the International Conference on Emerging Issues in Finance and Banking organized by Surendra Nath Evening College.
- She presented a paper titled An Empirical Analysis of Black Swan Events at the Global Web Conference on Multidisciplinary Research and Development organized by Sarojini Research and Development Council.

Prof. Joyita Banerji

- Presented paper titled **“A Closer Look at the Need of Pollution Control Measures in Aviation”** at the International Conference on Emerging Perspectives in Economics, Environment and Management, held at St. Xavier's College, Kolkata in collaboration with the Bengal Chamber of Commerce and Industry and Micro, Small and Medium Enterprises and Textiles Government of West Bengal, held on 13th and 14th September 2020.
- Presented a paper titled **“Crowdfunding: An opportunity to edge out gender disparity in India”** in the National Conference on the theme “Women's Issues and Everyday Life: Power, Resistance and Representation”, held on 10th and 11th January, 2020.
- Published a paper titled **“An Empirical Investigation into the influence of Behavioural Biases on Investment Behaviour”** in SCMS Journal of Indian Management Vol. 17 January – March 2020, UGC Care A list.
- Presented a paper titled **“Flying High: Valuation and IPO Analysis of Unicorns”** in the International Webinar on The Neo-Normal Era: A Multifaceted Challenge of Modern Society dated 17th August 2020 organized by Hiralal Mazumdar Memorial College for Women. Paper is to be published in Conference Proceedings.
- Paper titled **“The Unicorn Myth: A Trend Analysis of the Unicorn IPOs”** has been accepted for publication in the upcoming volume of Youthink.
- Published a book chapter titled **“Diplomatic Gaffes made by China in the Recent Past: An Overview”** in Business Management Practices – Emerging Trends, ISBN 978-93-88805-95-7.

MANAGEMENT

Prof. (Dr.) Madhusree Mukherjee

Faculty Development Programmes Attended (organized by St. Xavier's College, Kolkata): 2 FDPs held on August 4, 2020 and October 21, 2020, respectively.



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Prof. (Dr.) Shivaji Banerjee

1. Delivered Key Note Address at one day workshop organised by Scottish Church College, Kolkata on Project Writing and Field Work on 29th February 2020.
2. Chaired a technical session at International Marketing Conference organised by International Management Institute, Kolkata on 19th, 20th December 2019.
3. Invited as Chief Guest – Asian International School – Youth Parliament on 13th January 2020.
4. Invited as Resource Person – Human Perception and Social Interaction at 7-day UGC Workshop organised by Department of Library and Information Science, University of Calcutta.
5. Chaired a session in Marketing at ISBM, in association with Indian Economic Association, Kolkata on Emerging Socio-Economic Trends and Business Strategy on 24th January 2020.
6. Invited as a resource person at Webinar organised by St. Xavier's College Burdwan on 27th June 2020. Topic of presentation – “Customer Engagement, Buyer - Seller Relationships in post Covid world”.
7. Delivered special lectures for M.Phil. (Management) students of MAKAUT (Formerly WBUT) on Research Methodology – “Tools and Techniques for Social Scientists” during December 2019.
8. South Asian Institute for Advanced Research and Development (SAIARD) conferred FELLOW designation in recognition of exceptional achievement in the field of education on 30th June 2020. Fellow Membership Number “SFM/01(CBM)/2020.
9. Resource person at Webinar organised by Bishop Heber College, Tiruchirappalli on “Resilient Leadership and Prudent HR practices in the Workplace under the New Normal on 21st July 2020.
10. Resource person at Webinar organised by Sikkim Manipal University, on 1st August 2020. Topic: “Paradigm Shift in Education System in post COVID-19 Era”
11. Resource person at Webinar organised by Sri Gopal Banerjee College on 23rd August 2020. Topic: “Towards a Futuristic Perspective of COVID-19 – Work Life Balance for Survival”.
12. Published a paper on “Life Style Inflation and Addictive Consumption – Dynamics and Function among Urban Youth in Indian Metropolis” at International Journal of Business and Management Invention – August 2020.
13. Accredited Management Teacher by All India Management Association (AIMA) in the field of HRM in recognition of proficiency in Management Teaching and development of Management pedagogy on 1st September 2020.
14. Paper presented on 2nd International Conference on COVID-19 studies organised by Institute of Economic Development and Social Researchers, Paris, held in 26th and 27th



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August 2020. Paper Entitled "Opportunities and Operational Challenges for Indian MSME's in the New Normal: A triangular effect.

15. Appointed as Subcommittee invitee member in Human Resource Management at Bengal National Chamber of Commerce and Industry (BNCCI) from September 2020 onwards.

Prof. (Dr.) Anulekha Banerjee

Publications in International Journal

Banerjee, A. and Dasgupta, R. Cooking a socially responsible image for the urban consumers: Does it work with the cooking oil brands? *Social Responsibility Journal* **2019** (ISSN 1747-1117) SCOPUS INDEXED [Emerald Publishing] Accepted 01.12.19; Published online 02.01.20 doi.org/10.1108/SRJ-01-2018-0012

Paper Presentation

At International Seminar/Conference

Banerjee, A. and Dasgupta, R. How to win the consciousness of the consumers of being a responsible detergent brand? *In*, International Conference on "Sustainable Economic Development in India: A Global Perspective" jointly organized by The Centre for Financial Management and Economic Research of SAIARD and Indian Accounting Association, South Bengal Branch on 23rd November, **2019**.

RETRAINING PROGRAMME/ WORKSHOP ATTENDED

- Case Writing Workshop conducted by Indian Institute of Contemporary Management and Research (IICMR) at IIMRWM Hall Kolkata, on 23rd and 24th August 2019.
- One day workshop on Mixed Methods of Research organised by Indian Association for Productivity, Quality and Reliability, Kolkata held on 6th January, 2020.

Faculty Recharge Programme

- Faculty Development Programme organised by St. Xavier's College Autonomous Kolkata and St. Xavier's Collegiate School in association with IIM, Kozhikode on the theme "Mindful Leadership: Invisible wisdom in the age of Artificial Intelligence on 20th February 2020.
- Six Day FDP on "How to teach Online" organised by IIM, Indore, held on 27th July to 1st August 2020.



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Faculty Recharge Programme (Online Webinar)

1. Online webinar on Artificial Intelligence organized by the Sri Sikshayatan College, Kolkata held on **18.06.2020**
2. Online webinar on Challenges & Opportunities after Post Covid-19 in Tourism, Hospitality, Logistics & Retail sector organized by Nabagram Hiralal Paul College held on **25.06.2020**
3. Online webinar on "Women Empowerment in India" organized by the IQAC, P.N. Das College, Palta in collaboration with IQAC, Vijaygarh Jyotish Ray College, Kolkata held on **27.06.2020**
4. National Webinar: 'Pandemic & Natural Disasters: Understanding & Coping' organized by the St. Xavier's College (Autonomous), Kolkata held on **11.07.2020 and 12.07.2020**
5. Online webinar on "Customer Experience During the Time of COVID-19" organized by Strathmore University Business School on **14.07.2020** (01:00PM-3:00 PM)
6. One Day International Webinar on "Impact of COVID-19 Pandemic on Tourism Industry" organized by Department of Commerce in Collaboration with IQAC, Barasat College held on **14.07.2020** (6:30 PM-8:30 PM)
7. Online webinar on "Gender Bias, Stereotyping, Gender Equality and Women's Right" organized by the National Institute of Technology Nagaland held on **15.07.2020** (9:00 AM-6:30 PM).
8. Online webinar on "Managing Business in a POST COVID-19 World" organized by the P.G Department of Commerce, St. Xavier's College (Autonomous), Kolkata held on **18.07.2020 and 19.07.2020** (4:00 PM-6:00PM)
9. Online webinar on On-line "Case-Based Teaching Pedagogy: Challenges and Opportunities" organized by Indian Institute of Contemporary Management and Research (IICMR) held on **19.07.2020** (8:00 AM-11:00 PM)
10. Two Days Webinar on NAAC Assessment and Accreditation Process under UGC PARAMARSH Scheme on **30th and 31st July 2020**. Organized by St Xavier's College (Autonomous) Kolkata.
11. 3 Days Online Training Programme on "e-Learning: Content Creation & Hosting on LMS" organized by Information and Library Network (INFLIBNET) Centre, Gandhinagar, Gujarat from **26th to 28th August ,2020**

Prof. (Dr.) Sumana Guha

- Actively participated from 7th November to 20th November, 2019 in the Refresher Course in Commerce organized by UGC-Human Resource Development Centre (HRDC), University of North-Bengal, and obtained Grade 'A'.



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- Actively participated in National Level Webinar entitled “India 2020: An Optimistic Approach to Revitalize the Economy to break through Pandemic” held on 14th July, 2020 and organized by Organized by the P.G. Department of Commerce, Vikas College of Arts, Science and Commerce (Affiliated to University of Mumbai).
- Actively participated in National Level Webinar entitled “Increasing Frequency of Tropical Cyclone & its impact on Coastal Bengal” held on 20th July, 2020 and organized by Department of Geography in association with IQAC, Saheed Anurup Chandra Mahavidyalaya.
- Actively participated in International Webinar entitled ‘Technology in 2020’s Classroom’ held on 21st July, 2020. Organized jointly by Department of Education, Sukumar Sengupta Mahavidyalaya & Department of Education, Kalyani Mahavidyalaya.
- Actively participated in National Level Webinar entitled Pandemic Covid-19: Threats to Life, Economy and Education in India held on 25th July, 2020 and organized by Department of Commerce and IQAC, Sarat Centenary College.
- Actively participated in the Two-Day Webinar on NAAC Assessment and Accreditation Process on 30th and 31st July, 2020.

Prof. (Dr.) Tridib Sengupta

1. Witness to the signing of MOU between St. Xavier's College and ULAB, Dhaka, Bangladesh.
2. Campus visit to Pune Institute of Business Management, Pune University, as an expert.
3. Appointed PhD Examiner for JIS University, West Bengal. Reviewed thesis titled ‘Incorporating Social Listening into IMC Mix’.
4. Book published titled ‘Marketing Management and Human Resource’s Management’ for UG and PG courses.
5. Presented a paper on a ‘Attrition and Retention in Indian IT sector’ at the PhD Consortium, IIT Mumbai.
6. Guiding 12 students of Pondicherry - St. Xavier's College Twinning MBA program in the specialisation of International Business.
7. Initiated the second session of TEDx St. Xavier's College Kolkata, as Professor- in - charge, 30/3/20, deferred due COVID-19 pandemic and successive lockdown.

Prof. (Dr.) Anjan Chakravarty

Publication:

"A Study On Migratory Population In India: Some Selected States"; Volume 8 Issue 6 : June 2020 of the International Journal of Research - Granthalayah, ISSN (O) - 2350-0550 / ISSN (P) -2394-3629



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Prof. Shouvik Sircar

Faculty Development Programme Attended (Online Certificate Course)

- Completed Online Certificate Course on Online Teaching, titled ProAct Digital Teacher from Loyola Institute of Business Administration from 15th June to 20th June, 2020. Received 'Certificate of Merit' for distinctive performance at the above-mentioned online programme.

Prof. Shaunak Roy

Invited Lectures

- Invited to speak as a moderator for a webinar on "By the Teachers, For the Teachers: Digital Learning during COVID-19", organized by The Global Shapers New Delhi and Kolkata Hub, on November 28, 2020.
- Invited to deliver a talk on the webinar entitled "Marketing and Branding: New Opportunities in the New Normal", organized by Proto Academy, Mysuru on July 24, 2020.
- Invited to deliver a session on "Sustainable Us" at the workshop-cum-seminar on Sustainability and Climate Change, organized by We Are One (WAO) on January 4, 2020.
- Invited to deliver a session on "Dunning the Krugers: Life inside Bubbles of Climate Change Denial" at the MASH Mixer on Climate Change, organized by the Mash Project on August 31, 2019.

Awards

- Received Best Paper Award for the title "Exploring the Evaluative Efficacy of Open-Book Open-Web (OBOW) Examinations: Insights from Indian Undergraduate Degree Programs" at the National Conference on "Research, Innovation and Benchmarking Practices for Sustainability Management", organized by V Consultants, Hyderabad during August 15-16, 2020.
- Adjudged "Best Researcher" by the EMG-SSM Trust among a total of 224 nominated research scholars in India for exemplary contributions to management research

Editor

- Served as the Joint Editor of a book entitled "Case Studies in Contemporary Management" published by Bharti Publications, New Delhi on January 2020 (ISBN: 978-93-89657-06-7).



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Publications in Peer-Reviewed Indexed Journals

- Roy, S. & Banerjee, S. (2020). Is Geuens et al.'s New Brand Personality Scale Valid in the Indian Context? The Case of the Dell Brand in India. *Journal of Critical Reviews*, Vol. 7(13); ISSN: 2394-5125
- Roy, S. & Banerjee, S. (2020). Ascertaining Consumers' Perceptual Divergences towards the Construct of Brand Personality: Indian Corroborations. *The Indian Journal of Commerce*, Vol. 73(1&2); ISSN: 0019-512X
- Agarwal, S. & Roy, S. (2020). Investigating the Perceptual and Attitudinal Responses of Consumers towards Health Halo Labels in Food Products: A Kolkata-based Study. *International Journal on Customer Relations*, Vol. 8(1); ISSN: 2320-7515
- Roy, S. (2020). Demonetization as a Trigger of Customer Adoption of Mobile Wallets in India: Developing an Integrated Framework. *Optimization: Journal of Research in Management*, Vol. 12(1); pp. 1-12; ISSN: 0974-0988
- Pirogiwal, K. and Roy, S. (2020). Pioneering a Framework to Assess Customer Acceptance towards 24x7 Convenience Stores: A Study in Kolkata. *Our Heritage Journal*, Vol 68(8), pp. 134-150; ISSN: 0474-9030
- Roy, S. and Sonthalia, N. (2019, August). Anthropomorphizing Brands: The Case Study of Amul Girl. *YouThink*, Vol. 14, Xavier's Commerce Society (XCS), Department of Commerce, St. Xavier's College (Autonomous), Kolkata; ISSN: 2347-6222.

Publications in Magazines

- Roy, S. (2020, April). Marketing Strategy in the COVID-19 Crisis (Cover Story) *Business Economics (Fortnightly Business Magazine)*; Vol. 26(01); pp 18-19.
- Roy, S. (2020, April). World bracing for Coronavirus Impact (In Focus Section) *Business Economics (Fortnightly Business Magazine)*; Vol. 25(23); pp 37-38.
- Roy, S. (2020, January). Is Binge-watching your favourite TV series detrimental to the Environment? *Business Economics (Fortnightly Business Magazine)*; Vol. 25(20); pp 42-43.

BUSINESS LAW

Prof. Rinita Das

Resource person

Sonarpur Mahavidyalaya on 13.03.2020 "Protection of Women Under the Indian Regulatory Framework: Issues and Challenges", Security of Women and Awareness.



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Presented papers

- 2020 - The procedural and substantive facet of section 498A of the IPC: a study on the protection of women in domestic fronts Human rights: contexts and concerns, Bijoy Krishna Girls college
- 2020 - Plagiarism: a breach of copyright laws Academic writing: methods and methodology Rishi Bankim Chandra College for Women

Publication

- Chapter in book "Surrogacy and ART in India: socio-legal and ethical dilemma Reproductive tourism with special reference to surrogacy: issues and challenges to Indian legal system. 202) – published.
- Edited volume "Women empowerment in India" The Procedure of Implementation of The Protection of Women from Domestic Violence Act 2005: A Study 2019 (ISBN 978-93-81209-44-8).

Dr. Sumona Ghosh

Certification

Dr Ghosh is a Certified Assessor for Sustainable Organizations (CASO), certification conferred upon her by UBB GmbH Germany (November 2019)

Appointment

Dr Ghosh has been appointed as the Council member of the Sustainable Businesses Council of the very first independent National Business Chamber for Women that has been established in India - Women's Chamber of Commerce and Industry (WICCI).

Publications

- Ghosh, S., Mukherjee, S. (2020) "The Relevance of Spirituality and Corporate Social Responsibility in Management Education: Insights from Classical Indian Wisdom." Philosophy of Management, Springer, Pp-1-29. (ABDC LISTED and UGC CARE LIST II)
- Ghosh S. (2020) Mandatory CSR an Indian Companies Act 2013. In: Idowu S., Schmidpeter R., Capaldi N., Zu L., Del Baldo M., Abreu R. (eds) Encyclopaedia of Sustainable Management. Springer, Cham
- Ghosh S. (2020) Altruistic CSR. In: Idowu S., Schmidpeter R., Capaldi N., Zu L., Del Baldo M., Abreu R. (eds) Encyclopaedia of Sustainable Management. Springer, Cham



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- Ghosh S. (2020) Spirituality in Management. In: Idowu S., Schmidpeter R., Capaldi N., Zu L., Del Baldo M., Abreu R. (eds) Encyclopaedia of Sustainable Management. Springer, Cham
- Ghosh S. (2020) Marketing (Ethics of). In: Idowu S., Schmidpeter R., Capaldi N., Zu L., Del Baldo M., Abreu R. (eds) Encyclopaedia of Sustainable Management. Springer, Cham
- Ghosh Sumona. (2020) Narrative Analysis of Annual Reports—A Study of Corporate Social Disclosure in the Pre- and Post-Mandate Period. In: Mitra N., Schmidpeter R. (eds) Mandated Corporate Social Responsibility: Evidence from India. CSR, Sustainability, Ethics & Governance. Springer, Cham

Training, Consultancy and Invited Presentations

- Was invited as a panellist by Sustainable Advancements in collaboration with WICCI (Women's Indian Chamber of Commerce and Industry) West Bengal Sustainable Businesses Council and Public Relations Society of India West Bengal Chapter on 22nd of August 2020, the theme being "Corporate CSR fund Utilization Post Covid - 19."
- As a resource person conducted a session on Copyright Act 1957, Research Quality and Plagiarism, at the national webinar on "Key Insights on Intellectual Property Rights: An Interface and Emerging Issues", organized by Patna Women's College (Autonomous), Patna University, on 26th of June 2020.
- Was invited as a panellist by AIMA, Delhi on 23rd of November 2019, the theme being "Mandated Corporate Social Responsibility: Evidence from India".
- As a resource person conducted a session on CSR and Corporate Law for the first year B. Com. students of J.D. Birla Institute on July 13th, 2019.

Prof. Oyndrila Ganguly

1. Attended seminar and presented paper on titled "Female foeticide: an analysis with IPC,1860 AND Pre-Conception and Pre-Natal Diagnostic Techniques (PCPNDT) Act, 1994", in National Conference on Women's Issues and Everyday life: Power, Resistance and Representation, an initiative of St. Xavier's College (Autonomous) Kolkata on 10th and 11th January,2020.

2. Attended webinar on NAAC Assessment and Accreditation Process held by St. Xavier's College (Autonomous) Kolkata on 1st, August, 2020.

3. Attended Webinar on 25th July,2020 on Shedding Stigma on Mental Health Issues for Legal Professionals, conducted by IJM, Kolkata and School of Law and Justice, ADAMAS University



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MATHEMATICS AND STATISTICS

Dr. Arijit Ghosh

Publication

Publication of "AHP-TOPSIS Inspired Shopping Mall Site Selection Problem with Fuzzy Data" in Mathematics 2020, 8(8), 1380, (ISSN 2227-7390) a peer-reviewed open access journal indexed in the SCIE (Web of Science) and Scopus. (impact factor 1.747 (2019)).

Award

Received "Best research paper" award for the track "Interdisciplinary Applications of Operations Research" at the International Conference on "Frontiers of Operations Research & Business Studies" held on 27-28 December' 2019 organized by the CBS, Kolkata in partnership with ORSI, Durgapur Chapter.

Research Paper Presented at International Conference

- A paper entitled "Comprehensive Efficiency Measurement of five major Indian Steel Companies using Data Envelopment Analysis and Factor Analysis" at the International Conference on "Emerging Socio-Economic Trends and Business Strategy" held on 24-25 January 2020 organised by the ISB & M, Kolkata in partnership with IEA.
- A paper entitled "IPL 2019: Evaluating the performance of teams by DEA & SEM" at the International Conference on "Emerging Socio-Economic Trends and Business Strategy" held on 24-25 January 2020 organised by the ISB & M, Kolkata in partnership with IEA.
- A paper entitled "IPL 2019: Ranking of Batsmen by Linear Programming & Structural Equation Modelling" at the International Conference on "Physical Education Yoga and Sports Science in 2020's era" held on 15 January, 2020 organised by the SIPEWHH, Kolkata in partnership with WBCIPE.
- A paper entitled "Analyzing Technical Efficiency of Indian Life Insurance Companies using DEA and SEM" at the International Conference on "Frontiers of Operations Research & Business Studies" held on 27-28 December' 2019 organized by the CBS, Kolkata in partnership with ORSI, Durgapur Chapter.

Dr. Tuhina Manna

Dr. Tuhina Manna was awarded degree of Doctor of Philosophy in Science of Jadavpur University, Kolkata in December 2019.



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Publications

- Dr. Tuhina Manna published a research article entitled "Gravitational lensing, precession of periapsis and time delay due to wormhole in quintessence polytropic spacetime"; in Modern Physics Letters A; 34 (2019) no.32, 1950264
- Dr. Tuhina Manna published a research article entitled "Charged Perfect Fluid Sphere in Higher Dimensional Spacetime"; in Indian Journal of Physics; 94, 1679–1690 (2020).
- Dr. Tuhina Manna published a research article entitled "Solar system tests in Rastall gravity", Modern Physics Letters A; 33, No. 1 (2020) 2050034

Paper Presentations

Dr.Tuhina Manna presented a paper entitled "Strong Lensing of a Regular Black Hole with an Electrodynamics Source" on 7th September 2020, and also actively participated in the IWARA 2020 Video-Conference - 9th International Workshop on Astronomy and Relativistic Astrophysics held at Mexico City, from 6th to 12th September, 2020.

Programmes Attended

1. Dr. Tuhina Manna participated in the online International Symposium on "Covid 19 & Beyond: The New normal in HEIs" on 10th June, 2020 organised by the J.C. Bose University of Science and Technology, YMCA, Faridabad.
2. Dr. Tuhina Manna participated in the One-day National e-Workshop on "Application of Mathematics and its contemporary scientific and technical terminology in Hindi", from 14 to 16th June, 2020 organised by the Commission for Scientific and Technical Terminology, Jawaharlal Nehru University, New Delhi.
3. Dr. Tuhina Manna participated in the International Online Faculty Enrichment Programme on "Tips & Tricks for Publishing in International Scientific Journals" on June 20th, 2020 Organized by the Department of Zoology, Chemistry, Botany & Physics (Under DBT-Star College Strengthening Scheme, Govt. of India), Surendra Nath College, Kolkata.
4. Dr. Tuhina Manna participated in Frontiers in Biological Sciences (Chapter IV), an international webinar on "COVID 19- The current Scenario" on 2nd and 4th July, 2020, organised by the Department of Microbiology, St. Xavier's College (Autonomous), Kolkata, in collaboration with IQAC, St. Xavier's College (Autonomous), Kolkata.
5. Dr. Tuhina Manna participated in the Invited Web Talk on Trends and Techniques in Computer Science, "Data Migration-Heads and Tails" on 4th July, 2020 at 11 A.M, organised



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by the Post Graduate Department of Computer Science, St. Xavier's College (Autonomous), Kolkata.

6. Dr. Tuhina Manna participated in the one-day national level workshop on "Open-Source Data Analysis Software and Graphical representation of Data" on 04th July, 2020 organised by IT Club and IQAC of NSS Training College, Ottapalam.

7. Dr. Tuhina Manna participated in the One-day International webinar on Geometry and Number Theory on 28th August, 2020 organised by Bidhan Chandra College, Asansol.

8. Dr. Tuhina Manna participated in the "Introductory Seminar on Astrophysics and Cosmology" held on 16th September, 2020 organized by IUCAA Centre for Astronomy Research and Development (ICARD), Physics Department, North Bengal University.

9. Dr. Tuhina Manna actively participated in the webinar on "SANDPILES, ODOMETERS, MEMBRANE & RANDOM FORESTS" on 17th October, 2020 organised by Department of Mathematics, St. Xavier's College (Autonomous), Kolkata.

10. Dr. Tuhina Manna participated in the One-day National webinar on MATLAB and its applications on 17th October, 2020 organised by Department of Mathematics, Kharagpur College, Paschim Midnapore.

Dr. Himadri Karmakar

Peer Review

Reviewed an article for the Journal: Journal of Mathematics, ISSN: 2314-4629, (One article, 2020).

Dr. Monalisa Middy

Awarded degree of Doctor of Philosophy on 22nd August, 2019.

ECONOMICS

The Department of Economics organized FDP on Contemporary Issues in Macro Economics on 18th December 2019.

Dr Smwarajit Lahiri Chakravarty attended the Fdp Organised by St Xavier's College in Association with IIM Kozhikode On Mindful Leadership (Speaker Prof Debashis Chatterjee-Directoriim Kozhikode) On 20/02/2020. Dr Lahiri Chakravarty organised as Programme Co-Ordinator-- UGC Approved 7-Day National Workshop on Quantitative Research



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Methodology (Using SPSS-Amos-Ithenticate) By St Xavier's College in Collaboration with IDSK from 8th -17th August, 2019. Dr. Lahiri participated A Two Day Webinar On NAAC Assessment And Accreditation Process (Under UGC Paramarsh Scheme) organised by Internal Quality Assurance Cell And Academic Council Of St Xavier's College, Kolkata Held On 30th And 31st July, 2020 and also participated A One Day International Webinar On Moratorium On Loan Repayment: Effects On Financial Institutions Organised By Depts Of Commerce And Management Studies Of St Xavier's College, Kolkata In Collaboration With Icai Held On 29th August, 2020. He reviewed the paper titled. "An Empirical Evaluation of The Bilateral Non-Oil Export Trade Balance Between Nigeria And Egypt: A Test of Marshall-Lerner Condition for Journal of Economics, Management and Trade (Jemt) On 23rd August, 2020.

Dr Samrat Roy had done book review for the journal named, Journal of Economic Integration in August 2020.

Dr. Saswati Chaudhuri published papers - Socio-economic Factors, Health Inputs and Child Mortality in Eastern and North-eastern States of India" (2019) published in Social Sector at its Cross Roads – The Indian Scenario, Mriganka De Sarkar (ed.) Himalaya Publishing House, New Delhi, ISBN 978-93-5299-760-2. "Predictive behaviour of maternal health inputs and child mortality in West Bengal–An analysis based on NFHS-3" (2020): Heliyon, 6(5), e03941, Elsevier. "A Note on Valuation of Trust, Social Capital and Development" (with Biswajit Mandal) (2020): Trade and Development Review, Vol. 13, Issue 1, pp 57-76. ISSN 0974-4347. "Falling Female Labour Force Participation: An Analysis of Selected Countries" (with Shohom Pal) (2020): Asian Journal of Economics, Finance and Management, 2(3), 49-59. Retrieved from <https://globalpresshub.com/index.php/AJEFM/article/view/859> "What it's Like to be a Woman during COVID-19 – The Indian Experience" in Urbanet, September, 2020. <https://www.urbanet.info/women-during-covid19-in-india/>. Her nonrefereed articles include Atmanirbhar Indian Economy, (with B. Mandal) (18th May, 2020) Feature article in https://www.felixrajsj.com/featured_articles.php and the COVID-19 and the Trembling Indian Economy, (with B. Mandal) (2020) in Goethals News, www.goethals.in. She presented a paper titled, "Demand For Maternal Health Inputs And Health Outcomes: A Study With Reference To West Bengal" in the 5th SANEM Annual Economists' Conference (SAEC) 2020, that was held over February 1-2, 2020, Dhaka, Bangladesh, a paper titled "Maternal Health Inputs and the consequent child mortality in West Bengal" for the Workshop on the Economics of Health, Inequality and Behaviour, organised by Macquarie University, Sydney, Australia that was held over 11-13 November, 2019, a paper titled 'Socio-economic profile of women workers in the garment industry in Bangladesh' in the International Conference on "Contemporary Caste, Gender and Minority Questions in West Bengal and Bangladesh: Some Explorations" organized by the Department of Sociology from 31st October to 2nd November, 2019 and a paper titled 'In the midst of dire



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hopelessness: An enquiry into the lives of migrants in the slums of an Indian city, Kolkata' in the XIV Annual International Conference on Public Policy held on August 22nd – 24th, 2019 organized by IIM Bangalore. Dr. Chaudhuri was a resource person in Webinars namely 'Speech in INTERNATIONAL WEBINAR, Malda College with Sivanath Sastri College on 5th June, 2020 (<https://www.youtube.com/watch?v=msou13HJFJE>) Speech in a WEBINAR, The Bhawanipur Education Society College on 16th June, 2020 and Speaker in an INTERNATIONAL WEBINAR, Hiralal Mazumdar Memorial College for Women on 12th August, 2020. https://youtu.be/X_W3C59j1dE.

INFORMATION TECHNOLOGY

Dr. Madhu Agnihotri

Certification and courses

- ProAct Digital Teacher certified from Loyola Institute of Business Administration (LIBA) in June 2020.
- Completed a course on "Responsive Website Basics: Code with HTML, CSS and Javascript" from University of London, CourseEra on 19th November, 2020.
- Completed a course on "Excel Fundamentals for Data Analysis" from Macquarie University, CourseEra on 14th September, 2020.

Professional / Academic / Research Activities

As Resource Person

- Invited as a keynote speaker to a webinar on "Digital Transformation and Cloud Management Issues during COVID Pandemic" organized by the Department of Computer Applications, Narula Institute of Technology, JIS Group on 7th November, 2020.
- Invites as a speaker to deliver a speech on "Mathematics for Management" organized by TechnoIndia College of Technology on 23rd September, 2020.
- Invited as a resource person to conduct a One Day workshop on "Introduction to Plagiarism with Hands-on Session on iThenticate for Assistant Professors of Department of Commerce and Management Studies, St. Xavier's College (Autonomous), Kolkata in March 2020.
- Invited to conduct a workshop on "Advanced Database Concepts and Designing Computerized Accounting System" for academic fraternity of various colleges in Three Day Faculty Development Program organized by Lalbaba College in February, 2020.



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- Invited to act as a resource person to deliver a lecture on “Designing Computerized Accounting” in the workshop on Computerised Accounting and e-filing of Tax Return for the academic fraternity of colleges under University of Calcutta, organized by Board of Studies of Undergraduate Courses of University of Calcutta jointly with Netaji Nagar Day College in January 2020.
- Invited as a resource person to conduct the hands-on session on iThenticate for the participants of the One Day National workshop on Plagiarism and Academic Integrity (using i-Thenticate) organized by Department of Information Technology and Fr. Verstraeten Library, St. Xavier's College (Autonomous), Kolkata in August, 2019.

As Organizer / Committee member for Conferences / Workshop / Orientation Programmes

- Organizing Committee member, technical committee, for the Two Days International Webinar Series for youth organized by the Department of Social Works and UBA, St. Xavier's College (Autonomous), Kolkata on 23rd and 24th September, 2020.
- Organizing Committee member for the One Day webinar on “Stress Management Skills for Students under the COVID 19 Paradigm” organized by the Department of Commerce and Business Administration, St. Xavier's College (Autonomous), Kolkata on 1st August, 2020
- Organized the Internal Faculty Orientation Programme for Department of Information Technology, St. Xavier's College (Autonomous), Kolkata on Designing Computerized Accounting System – Using DBMS in February, 2020.
- Organized the Internal Faculty Orientation Programme for Department of Information Technology, St. Xavier's College (Autonomous), Kolkata on Payroll Accounting System – Using Tally in January, 2020.
- Organized the Internal Faculty Orientation Programme for Department of Information Technology, St. Xavier's College (Autonomous), Kolkata on Retail Accounting System – Using Tally in December, 2019.
- Acted as the Convener of the Technical Committee, Organizing Committee in the Two-Day International Conference on Emerging Perspectives in Commerce, Economics, Environment and Management-Transformation of the Global Economy, organized by Departments of Commerce and Management Studies of St. Xavier's College (Autonomous), Kolkata in collaboration with Bengal Chamber of Commerce & Industry, 13th-14th September'2019.
- Organized and acted as the Convener for the One Day National Workshop on Plagiarism and Academic Integrity, organized by Department of Information



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Technology and Fr. Verstraeten Library of St. Xavier's College (Autonomous), Kolkata on 31st August 2019.

- Organizing Committee member for the 7-Day UGC Approved National Workshop on Quantitative Research Methodology (using SPSS-AMOS-iThenticate), organized by Departments of Commerce and Management Studies of St. Xavier's College (Autonomous), Kolkata in collaboration with Institute of Development Studies (IDSK) from 8th August to 17th August, 2019.
- Organized the Internal Faculty Orientation Programme for Department of Information Technology on Web Page Designing in 2019.

As Participant in Academic Programmes

- Large number of Regional, National and International Conferences attended. Few among those are mentioned below:
- One day webinar on "Knowledge Engineering on Artificial Intelligence", organized by Department of Computer Science, St. Antony's College of Arts and Sciences for Women, Thamarapadi, Tamilnadu, on 7th September, 2020.
- Webinar on "IPR and e-content" organized by School of Business Studies, Sharda University, Noida, on 29th August, 2020.
- Two-day webinar on "NAAC Assessment and Accreditation Process" under UGC PARAMARSH Scheme, organized by the IQAC and Academic Council of St. Xavier's College (Autonomous), Kolkata on 30th & 31st July, 2020.
- Three Days Faculty Development Programme on "Outcome Based Education" organized by IQAC, Rai University, Ahmedabad, in Association with Inpods, Pune on 22nd July, to 24th July, 2020.
- Two Days International Webinar on "Managing Business in a Post COVID-19 World: Changes, Challenges and Strategies" organized by Post Graduate Department of Commerce with IQAC, St. Xavier's College (Autonomous), Kolkata held on 18th and 19th July, 2020.
- Seven Days Faculty Development Programme on "Essentials for Blended Learning" organized by the Department of Information Technology, Dr. M.G.R. Educational and Research Institute, Chennai, from 13th July to 20th July, 2020.
- Two-weeks Faculty Development Programme on "Advanced Concepts for Developing MOOCS" organized by Ramanujan College, University of Delhi and Ministry of Human Resource Development (MHRD), Government of India from 2nd July to 17th July 2020.
- Two-day National webinar on "Pandemics and Natural Disasters: Understanding and Coping", organized by the IQAC and Academic Council of St. Xavier's College (Autonomous), Kolkata on 11th & 12th July, 2020.



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- In Frontiers in Biological Sciences (Chapter IV), an international level webinar on “Covid-19: The Current Scenario”, organized by Department of Microbiology in collaboration with the IQAC, St. Xavier's College (Autonomous), Kolkata on 2nd & 4th July, 2020.
- Five-Days Faculty Development Programme on “Recent Advances in Machine Learning and its Applications” organized by Amity University, Kolkata, from 23rd June to 27th June 2020.
- Two Day International Conference on Emerging Perspectives in Commerce, Economics, Environment and Management-Transformation of the Global Economy, organized by Departments of Commerce and Management Studies of St. Xavier's College (Autonomous), Kolkata in collaboration with Bengal Chamber of Commerce & Industry, 13th-14th September'2019.
- 7-Day UGC Approved National Workshop on Quantitative Research Methodology (using SPSS-AMOS-iThenticate), organized by Departments of Commerce and Management Studies of St. Xavier's College (Autonomous), Kolkata in collaboration with Institute of Development Studies (IDSK) from 8th August to 17th August, 2019.
- One Day National Seminar On “Data Science-The Key to The Future”, organized by Departments of Computer Science and Statistics, St. Xavier's Colleges (Autonomous), Kolkata on 22nd July'2019.

Publication Activities

Book Chapter

- Book Chapter on “Conflict Management and Resolution in Context of Educational Institutes” at IGI-Global Publications in the Book “Strategic Approaches for Conflict Resolution in Organizations: Emerging Research and Opportunities”; ISBN13: 9781799817260; EISBN:9781799817284; DOI: 10.4018/978-1-7998-1726-0 published in November 2019.
- Book Chapter on “Overview and future scope of SWAYAM in the world of MOOCS: A comparative study with reference to major International MOOCS”, published in Springer Nature Singapore Pte Ltd. November, 2020. DOI: https://doi.org/10.1007/978-981-15-8744-3_9

Journal Publications

- “Business Spirituality: The new mantra for creating valuables based on values” YOUTHINK, Vol XIV, 2019, ISSN:2347-6222.
- “Homomorphic Encryption Method for Business Data Security in Cloud”, Our Heritage, Vol-68-Issue-8, January-2020, ISSN: 0474-9030.



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- "The utility of regional language facility in accounting software for retail market of West Bengal", Accepted for publication in Apple Academic Press (A Unit of CRC Press, Taylor & Francis Group), USA, 2020
- "A Review of the Revolutionizing Role of Big Data in Retail Industry", Accepted for publication in Apple Academic Press (A Unit of CRC Press, Taylor & Francis Group), USA, 2020
- "Science Fiction as an advisor in Modern Day Education and Business Sector", Accepted for presentation and publication in International Conference on Emerging Trends in Science and Technology -TechMeet 2020 (to be held in August), organized by Pailan Group of Institutions.

Papers presented

- "Choice between company policy and ethical auditing: An Auditor's dilemma" for International Conference on Emerging Perspectives in Commerce, Economics, Environment and Management (ICCEEM) 2019, organized by St. Xavier's College (Autonomous) Kolkata in collaboration with Bengal National Chamber of Commerce and Industry on 13th and 14th September, 2019.
- "A Critical Study of Investment Property with Reference to IND AS 40" for International Conference on Emerging Perspectives in Commerce, Economics, Environment and Management (ICCEEM) 2019, organized by St. Xavier's College (Autonomous) Kolkata in collaboration with Bengal National Chamber of Commerce and Industry on 13th and 14th September, 2019.
- "Homomorphic Encryption for Business Data Security in Cloud" for International Conference on Emerging Perspectives in Commerce, Economics, Environment and Management (ICCEEM) 2019, organized by St. Xavier's College (Autonomous) Kolkata in collaboration with Bengal National Chamber of Commerce and Industry on 13th and 14th September, 2019.
- "Science Fiction as an advisor in Modern Day Education and Business Sector", in International Conference on Emerging Trends in Science and Technology -TechMeet 2020 (August), organized by Pailan Group of Institutions.
- "The utility of regional language facility in accounting software for retail market of West Bengal", in International Conference on Emerging Trends in Science and Technology -TechMeet 2020 (August), organized by Pailan Group of Institutions.
- "A Review of the Revolutionizing Role of Big Data in Retail Industry", in International Conference on Emerging Trends in Science and Technology -TechMeet 2020 (August), organized by Pailan Group of Institutions.



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Dr. Tapalina Bhattasali

Awarded Ph.D. in Computer Science & Engineering in 2020 from University of Calcutta in collaboration with AGH University of Science and Technology, Poland.

Resource Person

- Delivered invited lecture on “Demystifying AI-ML-DL” in a National Webinar organized by Department of Computer Science and Engineering, KL University, Hyderabad in October 2020.
- Delivered invited lecture on “Impact of Artificial Intelligence in Post-COVID Era” in a National Webinar organized by SREC CSI Student branch & Department of Computer Science & Engineering, Shri Ramakrishna Engineering College (Autonomous), Coimbatore in September 2020.
- Delivered keynote speech on “Online Teaching Learning Model for Rural India: A New Normal in Post-COVID Era”, in a State-Level Online Workshop organized by IQAC, Balagarh Bijoy Krishna Mahavidyalaya in September 2020.
- Delivered keynote speech on “Impact of Blockchain in Current Scenario” in Interdisciplinary International Online Conference, Sanyog 2020 in June 2020.
- Delivered invited lecture on “Emerging Technologies in Computation” in a National Webinar organized by Department of Computer Science, Desh Bhagat University, Punjab in May 2020.
- Acted as resource person in Internal Faculty Orientation Programmes on Advanced DBMS in March 2020.
- Delivered lecture on “Artificial Intelligence: Boon or Bane” at the 12th Xaverian Research Colloquium (XRC), “Anusandhan” in January 2020.
- Delivered lecture on “Understanding Plagiarism” at one day National Workshop organized by St. Xavier's College (Autonomous), Kolkata in August 2019.
- Delivered lecture on “SEM: A Retrospection Through R” at UGC approved seven-day National Workshop on Quantitative Research Methodology organized by St. Xavier's College (Autonomous), Kolkata in collaboration with Institute of Development Studies (IDSK), Kolkata in August 2019.

Researcher

<https://scholar.google.co.in/citations?user=Y4WEFnkAAAAJ&hl=en>(h-index:11,i-index: 12)

- M. Das Nath, Tapalina Bhattasali, “Anomaly Detection Using Machine Learning Approaches”, accepted in 2020 for publication in special issue of AJHIPC Journal.



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- Kazaree Basak, Rajdeep Das, Rajarshi Bhattacharya, Tapalina Bhattasali, "Edge Intelligence to Detect COVID-19", accepted in 2020 for publication in special issue of AJHIPC Journal.
- Tapalina Bhattasali, "Impact of COVID-19 Pandemics on E-Commerce Sector", Re-imagining the New Normal- The transformational lens of COVID -19, published as book chapter by Bhopal School of Social Sciences in 2020.
- Tapalina Bhattasali, "Pandemic Analytics to Assess Risk of COVID-19 Outbreak", Azerbaijan Journal of High-Performance Computing, June 2020.
- M. Das Nath, Tapalina Bhattasali, "SCMCI: Secured Click and Mortar Commercial Interaction", accepted for publication in Springer, CCIS, 2020.

Organizer

- Convener of two-day Online International Workshop on High Performance Computing Applications, AAHiPC 2020, organized by Azerbaijan State Oil and Industry University (ASOIU), Baku in collaboration with St. Xavier's College (Autonomous), Kolkata in November 2020.
- Technical Committee Member of two-day International Webinar organized by Department of Social Work: NSS & UBA, St. Xavier's College (Autonomous), Kolkata in September 2020.
- Core Committee Member for Online Training on Microsoft Teams at St. Xavier's College (Autonomous), Kolkata in 2020.
- Organizing Committee Member of Inter-College State Sports & Games Championship 2019-20, organized by Department of Higher Education, Government of West Bengal and St. Xavier's College (Autonomous), Kolkata in February 2020.
- Organizing Committee Member of National Conference on Women's Issues and Everyday Life: Power, Resistance and Representation organized by St. Xavier's College (Autonomous), Kolkata in January 2020.
- Organizing Committee Member of JHEASA Conference at St. Xavier's College (Autonomous), Kolkata in October 2019.
- Organizing Committee Member of two-day International Conference, ICCEEM 2019 organized by St. Xavier's College (Autonomous), Kolkata in September 2019.
- Programme Coordinator of One-day National Workshop on "Understanding Plagiarism" organized by St. Xavier's College (Autonomous), Kolkata in August 2019.
- Programme Coordinator of UGC approved 7-day National Workshop on Quantitative Research Methodology organized by St. Xavier's College (Autonomous), Kolkata in collaboration with Institute of Development Studies (IDSK), Kolkata in August 2019.



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Participant

- Participated at various National & International level Webinar, Online Conference, Seminar, Workshop, Faculty Development Programme and Quiz from April 2020 to November 2020.
- Participated at one-day FDP on "Mindful Leadership" organized by St. Xavier's College (Autonomous), Kolkata in association with IIM, Kozhikode in February 2020.
- Participated at one-day FDP on "Applications of Finance Lab in Research" organized by St. Xavier's College (Autonomous), Kolkata in December 2019.
- Participated at one-day FDP on "Interreligious Studies and Social Harmony", organized by St. Xavier's College (Autonomous), Kolkata in July 2019.

Prof. Mausumi Das Nath

Publications

- Nath, M. Das, and Agnihotri, M.A. "A Review of the Revolutionizing Role of Big Data in Retail Industry", accepted on 20th June'2020 for publication in Apple Academic Press (a unit of CRC Press, Taylor & Francis Group, USA) as Conference
- Nath, M. Das, and Agnihotri, M.A. "A Review of the Revolutionizing Role of Big Data in Retail Industry", accepted on 20th June'2020 for publication in Apple Academic Press (a unit of CRC Press, Taylor & Francis Group, USA) as Conference

Proceedings

- Bhartia, D, and Nath, M. Das, "Impact of Big Data on E-Commerce Websites", accepted on 8th June'2020 for publication in Apple Academic Press (a unit of CRC Press, Taylor & Francis Group, USA) as Conference Proceedings.
- Nandan, Swaraj Kumar, and Mausumi Das Nath. "Impact of Artificial Intelligence In Making Better Marketing Decisions In Healthcare Industries." Our Heritage 68, no. 8 (Jan-2020): 53-59. ISSN:0474-9030.
- Nath, M. Das, and T. Bhattasali "SCMCI: Secured Click and Mortar Commercial Interaction", 53rd Annual Convention 2020, International Conference on "Digital Democracy-IT for Change", Jan'2020, Springer (Accepted and Communicated).
- Nath, M. Das, and Agnihotri, M.A. "Impact of M-Governance Amongst Citizens", YOUTHINK, Vol XIV, pp.264-269, Sept-2019, ISSN:2347-6222.



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Participation in Conferences/Seminars/Workshops

- Presented a proposed work titled “Anomaly Detection using Machine Learning Approaches” in an International Workshop organized jointly by Azerbaijan State Oil and Industry University, Baku and St. Xavier's College (Autonomous), Kolkata on 17th & 18th Nov,2020.
- Participated in the Webinar on “Natural Language Processing”, organized jointly by St. Xavier's College (Autonomous), Kolkata, Department of Computer Science and Engineering, Meghnad Saha Institute of Technology in association with IEEE Computational Intelligence Society, Kolkata Chapter, IEEE Computer Society Student Branch Chapter, MSIT and ACM Student Chapter, MSIT on 3rd Oct, 2020.
- Participated in the One day Live Webinar on “Knowledge Engineering In Artificial Intelligence”, organized by the Department of Computer Science, St. Antony's College of Arts and Sciences for Women, Thamaraijadi, Dindigul, TamilNadu on 07.09.2020.
- Participated in the National Level Webinar on “NEP-2020 A paradigm shift in Education”, organized by the internal Quality Assurance Cell of Dr. M.G.R. Educational and Research Institute, Chennai held on 02.09.2020.
- Participated in the webinar on “Blockchain Technology”, organized by the Department of Information Technology, Dr. M.G.R. Educational and Research Institute, Chennai in association with Industry Institute Planning Cell on 29.8.2020.
- Presented paper titled “Impact of Big Data on E-Commerce Websites”, in an International Conference On Emerging Trends In Science & Technology (ICETST-TECHMEET 2020) organized by PCMT, Kolkata on 21st & 22nd Aug,2020.
- Presented paper titled “A Review of the Revolutionizing Role of Big Data In Re-tail Industry”, in an International Conference On Emerging Trends In Science & Technology (ICETST-TECHMEET 2020) organized by PCMT, Kolkata on 21st & 22nd Aug,2020.
- Participated in the Two-day Webinar on “NAAC Assessment and Accreditation Process”, organized by Internal Quality Assurance Cell (IQAC) And Academic Council, St. Xavier's College (Autonomous), Kolkata on 30th and 31st July,2020 at 2.30PM.
- Completed successfully Faculty Development Program on “Python for Data Science”, organized by the Department of Information Technology and Department of Computer Science & Engineering, Dr. M.G.R. Educational and Research Institute, in association with Imarticus Learning, Chennai held from 23.07.2020 to 25.07.2020.



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- Participated in the Two-day International Webinar on International Level Webinar on “Managing Business in a Post COVID-19 World: Changes, Challenges and Strategies”, organized by Post Graduate and Research Department of Commerce, St. Xavier's College (Autonomous), Kolkata in collaboration with IQAC Cell, held on 18th & 19th July,2020.
- Completed successfully One Week Faculty Development Program on “Essentials for Blended Learning”, organized by the Department of Information Technology, Dr. M.G.R. Educational and Research Institute, Chennai held from 13.07.2020 to 20.07.2020.
- Participated in the National Webinar “Pandemic and Natural Disasters: Under-standing And Coping”, organized by Internal Quality Assurance Cell (IQAC) And Academic Council, St. Xavier's College (Autonomous), Kolkata on 11th and 12th July,2020.
- Participated in the Webinar on “How to build a career in the IT industry after graduation days in this changed pandemic scenario with new ways of working”, jointly organized by the Department of Computer Science and the IQAC, Narasinha Dutt College, on 4th July,2020.
- Participated in the invited Web Talk on Data Migration-Heads and Tails, organized by Post Graduate Department of Computer Science, St. Xavier's College (Autonomous), Kolkata on 4th July,2020 at 11AM.
- Completed successfully One Week Faculty Development Programme on “Open-Source Tools for Research”, organized by Teaching Learning Centre, Ramanujan College, University of Delhi and sponsored by MHRD, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from June 08-June 14,2020.
- Completed successfully 10 hours online workshop on Machine Learning, organized by Nexgenics IT Services Pvt Ltd on 27th June'2020.
- Attended Faculty Development on “Mindful Leadership”: Invincible Wisdom in the Age of Artificial Intelligence organized by St. Xavier's College (Autonomous), Kolkata in association with IIM Kozhikode,20th Feb'2020.
- Presented a research paper titled “SCMCI: Secured Click and Mortar Commercial Interaction” in the International Conference on “Digital Democracy-IT for Change”, held during 16th-18th January,2020 at KIIT, Bhubaneswar, organized by Computer Society of India.
- Been a technical member of 2ND International Conference on Innovative Business Practices In A VUCA WORLD, organized by Departments of Commerce & Management



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Studies, St. Xavier's College (Autonomous), Kolkata in collaboration with Department Of Commerce, University of Calcutta & Lincoln University College, Malaysia, 3rd-4th Jan,2020.

- Presented paper titled "Impact of Artificial Intelligence in Making Better Marketing Decisions in Healthcare Industries", at Two Day International Conference on Emerging Perspectives in Commerce, Economics, Environment and Management Transformation of the Global Economy (ICCEM 2019) on 13th-14th September'2019, Departments of Commerce and Management Studies of St. Xavier's College (Autonomous), Kolkata in collaboration with Bengal Chamber of Commerce & Industry.
- Two Day International Conference on Emerging Perspectives in Commerce, Economics, Environment and Management-Transformation of the Global Economy, organized by Departments of Commerce and Management Studies of St. Xavier's College (Autonomous), Kolkata in collaboration with Bengal Chamber of Commerce & Industry,13th-14th September'2019.
- One Day National Workshop on Plagiarism and Academic Integrity, organized by Department of Information Technology and Fr. Verstraeten Library of St. Xavier's College (Autonomous), Kolkata on 31st August'2019.
- 7-Day UGC Approved National Workshop on Quantitative Research Methodology (using SPSS-AMOS-iThenticate), organized by Departments of Commerce and Management Studies of St. Xavier's College (Autonomous), Kolkata from 8th August to 17th August,2019.
- One Day National Seminar On "Data Science-The Key to The Future", organized by Departments of Computer Science and Statistics on 22nd July'2019.

Prof. Sayantani Sur

- Organizing Committee Member and Participated in 7-Day UGC Approved National Workshop on Quantitative Research Methodology (using SPSS-AMOS-iThenticate), organized by Departments of Commerce and Management Studies of St. Xavier's College (Autonomous), Kolkata from 8th August to 17th August,2019.
- Organizing Committee Member in One Day National Workshop On "Plagiarism and Academic Integrity", organized by Department of Information Technology and Fr. Verstraeten Library of St. Xavier's College (Autonomous), Kolkata on 31st August'2019.
- Participated in Two Day International Conference on "Emerging Perspectives in Commerce, Economics, Environment and Management-Transformation of the Global



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Economy”, organized by Departments of Commerce and Management Studies of St. Xavier's College (Autonomous), Kolkata in collaboration with Bengal Chamber of Commerce & Industry, 13th-14th September 2019.

- Qualified NET in Commerce, December, 2019.
- Participated in One day National webinar on “IBM Security QRadar SIEM”, organized by Amstar Technologies on 19th June, 2020.
- Participated in One day National webinar on “Impact of Covid-19 on Indian Financial Markets”, organized by the Department of Commerce, The Heritage College, on 23rd June, 2020.
- Participated in 5-Day Faculty Development Programme on “Recent Advances of Machine Learning and its Applications”, organized by Amity Institute of Information Technology, Amity University, Kolkata from 23rd June to 27th June, 2020.
- Participated in One day National webinar on “Advanced Excel”, organized by the Institute of Technical and Scientific Research, Jaipur, on 28th June, 2020.
- Participated in One day National webinar on “Soft Computing- Issues & Applications”, organized by the Department of Computer Science, Derozio Memorial College in collaboration with IQAC of Derozio Memorial College, Rajarhat on 30th June, 2020.
- Participated in 7-Day Online Faculty Development Programme on “LaTeX”, organized by Department of Information Technology, Mizoram University in association with Spoken Tutorial Project, IIT Bombay, under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MHRD, Govt of India from 29th June to 3rd July, 2020.
- Participated in Frontiers in Biological Sciences (Chapter IV), an international level webinar on “Covid-19: The Current Scenario”, organized by Department of Micro-biology in collaboration with the IQAC, St. Xavier's College (Autonomous), Kolkata on 2nd & 4th July, 2020.
- Participated in One day National webinar on “Entrepreneurship, Innovation & Technology in a Post-Covid 19 World”, organized by the Faculty of Management Studies, The Maharaja Sayajirao University of Baroda, Vadodara, (Accredited Grade “A” by NAAC) on 9th July, 2020.



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- Participated in One day National webinar on “Advanced Excel”, organized by the Department of Lifelong Learning and Extension, Pune (sub-centre of SNTD Women’s University) and Tech Mahindra Foundation’s SMART Centre on 11th July, 2020.
- Participated in Two-day National webinar on “Pandemics and Natural Disasters: Understanding and Coping”, organized by the IQAC and Academic Council of St. Xavier’s College (Autonomous), Kolkata on 11th & 12th July, 2020.
- Participated in 7-Day Faculty Development Program on "Essentials for Blended Learning", organized by the Department of Information Technology, Dr. MGR Educational and Research Institute, Maduravoyal, Chennai from 13th July to 20th July, 2020.
- Participated in One day National webinar on “Technological Intervention for Rural Development”, organized by Unnat Bharat Abhiyan Cell, North Eastern Regional Institute of Science and Technology (NERIST), Nirjuli (Itanagar), Arunachal Pradesh and Hosted by RCI, IIT Delhi, on 18th July 2020.
- Participated in 6-Day Faculty Development Programme on “Holistic Development of Women”, organized by the Women Development Cell, PSG, Polytechnic College, Coimbatore, Tamil Nadu from 21st July to 26th July, 2020.
- Participated in Three-day National webinar on "Impact of Digital Pedagogy in Technical Education in Covid and Post Covid situation", organized by Maulana Abul Kalam Azad University of Technology, West Bengal, India in association with the RCC Institute of Information Technology, Kolkata on 20th, 22nd & 23rd July, 2020.
- Participated in One day international webinar on "Sustainable Business Opportunities and Resilience: A Post Pandemic Era", organized by the Department of Commerce, Barasat College in collaboration with IQAC on 28th July, 2020.
- Participated in Two-day webinar on “NAAC Assessment and Accreditation Pro-cess” under UGC PARAMARSH Scheme, organized by the IQAC and Academic Council of St. Xavier’s College (Autonomous), Kolkata on 30th & 31st July, 2020.

Participated in

- 14 International level webinars organized by Pantech Solutions in collaboration with various companies and colleges on “Brain Computer Interface”, “Internet of Things”, “Deep Learning”, etc from 5th June, 2020 to 31st July, 2020.



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ENVIRONMENT STUDIES

Dr. Arup Kumar Mitra, elected as a Recorder of the section of Environmental Sciences for 2020-2021 and 2021-2022(108th and 109th sessions of the India Science Congress). Acted as a Joint Convenor in International symposium on Environment and Climate Crises (ISECC) in collaboration with Blue Patch and The Biome on 20th December,2019.

Authored 1 book chapter and 7 paper publications Course Coordinator of MOOC on Plant Groups and worked as a resource person of lecture series program for the UGC Educational channel made by the EMMRC, St. Xavier's College, (Autonomous), Kolkata.

Acted as a resource person in a Lecture entitled "Potential use of solid waste in agriculture" at, St. Xavier's College, (Autonomous), Kolkata, Raghampur Campus on 29th February,2020Delivered an invited talk in the webinars entitled Covid-19: Facts and Facets", conducted by IQAC, Sarat Centenary College on 26th June,2020, "Covid19 Pandemic: Mortality to Mitigation", conducted by Pingla Thana Mahavidyalaya, Maligram on 20th July, 2020.

Impact of Covid19 on Education Sector, conducted by Netaji Nagar College for Women on 27th, July 2020, "MOOCOLLOQUIUM on challenges, prospects and development of MOOC", conducted by EMMRC on 26th and 27th September,2020, "Covid19 crisis", conducted by Ranchi University on 11th December,2020.

Sanjana Ghosh, organized two webinars, entitled "Potential use of solid waste in agriculture" and "Revisiting Epidemics and pandemics in India" at, St. Xavier's College, (Autonomous), Kolkata, Raghampur Campus on 29th February,2020 and 30th July, 2020 respectively.

Acted as a resource person of lecture series program, on plant groups for the UGC Educational channel made by the EMMRC, St. Xavier's College, (Autonomous), Kolkata. Participated in the workshop "Phenomenon of Religion, St. Xavier's College, Bombay; from 7th July -31st July, 2020.

Qualified RET examination, conducted by St. Xavier's College (Autonomous) Kolkata, Department of Microbiology, 2020.
