



NSHM Knowledge Campus, Durgapur,

List of Publication(s)

- *Total Publication= 46* *Total Citation*
= 821

Best Publication

Mucosal immunity mediated modulation of the gut microbiome by oral delivery of probiotics into Peyer's patches; Sisi Lin, **Subhajit Mukherjee**, Juanjuan Li, Weiliang Hou, Chao Pan and Jinyao Liu, *Science Advances* 7 (2021) abf0677 (**In joint 1st authorship**) (ISSN: 2375-2548, Imp. Fac: **14.136**)

Current List of Publications:

2025

1. Hydrogel in Cancer Research: Emerging Trends and Therapeutic Potential; **Subhajit Mukherjee**, Suparna Paul, Koyel Misra, Aniruddha Samanta and Sanchita Sarkar, *World Journal of Advanced Research and Reviews*, 28(03) (2025) 670-677 (ISSN: 2581-9615).
2. From Innovation to Impact: The Clinical and Human Dimensions of Modern Chemotherapy; Koyel Misra and Subhajit Mukherjee, *International Journal of Innovative Research In Technology*, 12(6) (2025) 3381-3387 (ISSN: 2349-6002).
3. Bridging AI and Chemotherapy: Translating Precision Medicine into Improved Patient Outcomes; Koyel Misra, **Subhajit Mukherjee**, Sanchita Sarkar, Bipasha Mridha Ghosh, Srabani Guria Das and Siladitya Laha, *International journal of research and scientific Innovation*, 12(10) (2025) 2031-1041 (ISSN: 2321-2705).

4. The Application of Artificial Intelligence in Healthcare: Transformations, Challenges, and Future Prospects; Aniruddha Samanta, Manisha Chatterjee, Sanchita Sarkar, **Subhajit Mukherjee**, Koyel Misra and Bipasha Mridha Ghosh, *International Journal of Sciences and Innovation Engineering*, 2(12) (2025) 436-442 (ISSN: 3049-0251).

2024

5. A brief review on bioactivity of platinum therapeutics; Subhajit Mukherjee, Koyel Misra, Suparna Paul, Aniruddha Samanta and Sanchita Sarkar, *International Journal of Science and Research Archive*, 13(02) (2024) 1664–1672. (ISSN: 2582-8185) .

6. Interplay of Stress, Metabolism and Disease: A Detailed Examination of Hormonal, Biochemical and Molecular Pathways; Koyel Misra, Subhajit Mukherjee, Anuradha Mukherjee, *International Journal of Research and Analytical Reviews*, 11(4) (2024) 605-608. (ISSN: 2348-1269)

7. Progress in Chemoinformatics through the Application of Machine Learning; Koyel Misra, Subhajit Mukherjee, Bipasha Mridha Ghosh, Sanchita Sarkar, *Journal of Emerging Technologies and Innovative Research*, 11(7) (2024) e460-e466. (ISSN: 2349-5162)

2023

8. AIEE activated Pyrene-Dansyl coupled FRET probe for discriminating detection of lethal Cu²⁺ and CN: Bio-Imaging, DNA binding studies and prompt prognosis of Menke's disease; Suparna Paul, **Subhajit Mukherjee**, Debojyoti Kundu, Somrita Nag, Samuzal Bhuyan, Naresh Chandra Murmu and Priyabrata Banerjee, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 303 (2023) 123110.
(ISSN: 13861425, Imp. Fac: 4.4)

9. Recent advancement in the Nanomaterials encapsulated drug delivery vehicles towards combating of Cancer, COVID-19 and HIV like chronic diseases. Subhajit Mukherjee, Suparna Paul and Priyabrata Banerjee, *Materials Advances*, 2023, Just Accepted Manuscript (DOI: doi.org/10.1039/D2MA01075E).

2022

10. Cytotoxic activity of nitrogen, sulfur, and oxygen chelated Pt(II)complexes; their DNA/BSA binding by in vitro and in silico approaches; Rituparna Bhaduri, Saikat Mandal, Swarup Kumar Tarai, Angana Pan, **Subhajit Mukherjee**, Arka Bagchi, Arunima Biswas and Sankar Chandra Moi, *J. Mol. Liq.* 360 (2022) 119529. (ISSN: 01677322, Imp. Fac: 6.165)

2021

11. Mucosal immunity mediated modulation of the gut microbiome by oral delivery of probiotics into Peyer's patches; Sisi Lin, **Subhajit Mukherjee**, Juanjuan Li, Weiliang Hou, Chao Pan and Jinyao Liu, *Science Advances* 7 (2021) abf0677 (*In joint 1st authorship*) (ISSN: 2375-2548, Imp. Fac: 14.136)

12. Development of Anticancer Activity of the Pt(II) Complex with N-Heterocyclic Amine: Its In Vitro Pharmacokinetics with Thiol and Thio-Ethers, DNA and BSA Binding, and Cell Cycle Arrest; Angana Pan, Ishani Mitra, **Subhajit Mukherjee**, Subarna Ghosh, Urmi Chatterji, and Sankar Chandra Moi, *ACS Appl. Bio Mater.* 4 (2021) 853–868 (ISSN: 2576-6422, Imp. Fac: 3.25)

13. Anticancer activity and cell death mechanism of Pt(II) complexes: Their in vitro bio-transformation to Pt(II)-DNA adduct formation and BSA binding study by spectroscopic method; Rituparna Bhaduri, **Subhajit Mukherjee**, Ishani Mitra, Subarna Ghosh, Urmi Chatterji, Subba Reddy Dodda, Sankar Ch. Moi, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 262 (2021) 120096 (ISSN: 1386-1425, Imp. Fac: 4.098)

14. Anticancer activity and biomolecular interaction of Pt(II) complexes: Their synthesis, characterisation and DFT study; Saikat Mandal, Venkata P. Reddy B., Ishani Mitra, **Subhajit Mukherjee**, Swarup Kumar Tarai, Rituparna Bhaduri, Angana Pan, Jagadeesh C. Bose K., Goutam Kr. Ghosh, Sankar Chandra Moi, *Appl Organomet Chem.* (2021) e6506 (ISSN: 1099-0739, Imp. Fac: 4105).

2020

15. Drug reservoir mechanism of Pt(II)-sulfur chelates based on pharmacokinetics of Pt(II) complex with thiols & thio-ethers: An experimental and theoretical approach; Swarup Kumar Tarai, Rituparna Bhaduri, **Subhajit Mukherjee**, Saikat Mandal, Venkata Pera Reddy B, Sankar Ch. Moi, *Inorganica Chim. Acta* 517 (2020) 120202 (ISSN: 00201693, Imp. Fac: 2.304)

2019

16. Synthesis and characterization of Pt(II)-based potent anticancer agents with minimum normal cell toxicity: their bio-activity and DNA-binding properties; Sujay Mahata, **Subhajit Mukherjee**, Swarup Kumar Tarai, Angana Pan, Ishani Mitra, Soumojit Pal, Sudipta Maitra and Sankar Ch. Moi, *New J. Chem.* 43 (2019) 18767-18779 (ISSN: 11440546, Imp. Fac: 3.288).

17. *Influence of steric and electronic effect of carrier ligand on kinetics & mechanism of Pt(II) complexes with L-cysteine and its substituted derivatives: Their experimental and DFT-based theoretical study*; Sujay Mahata, **Subhajit Mukherjee**, Ishani Mitra, Rituparna Bhaduri, Krishnendu Chandra, Saikat Mandal, Wolfgang Linert and Sankar Ch. Moi, *Inorganica Chim. Acta* 498 (2019) 119117 (ISSN: 00201693, Imp. Fac: 2.304)

18. Speciation study of L-ascorbic acid and its chelated Cu(II) & Ni(II) complex: An experimental and theoretical model of complex formation; Sujay Mahata, Ishani Mitra, **Subhajit Mukherjee**, Venkata Pera Reddy B., Goutam Kr. Ghosh, Wolfgang Linert and Sankar Ch. Moi, *S. Afr. J. Chem.* 72 (2019) 229–236 (ISSN: 03794350, Imp. Fac: 1.490)

2018

19. In Vitro DNA/BSA Binding, Anticancer and Normal Cell Activity of Pd(II) Complexes: Substitution Behaviour and Computational Study; **Subhajit Mukherjee**, Ishani Mitra, Venkata P. Reddy B., Payel Das, Bashkim Misini, Wolfgang Linert and Sankar Ch. Moi, *ChemistrySelect*, 3 (2018) 3871-3885. (ISSN: 2365-6549, Imp. Fac: 1.811)

20. Synthesis, biological evaluation, substitution behaviour and DFT study of Pd(II) complexes incorporating benzimidazole derivative; Ishani Mitra, **Subhajit Mukherjee**, Venkata P. Reddy B., Bashkim Misini, Payel Das, Wolfgang Linert and Sankar Ch. Moi, *New J. Chem.* 42 (2018) 2574-2589. (ISSN: 11440546, Imp. Fac: 3.288)

21. A New Bis(aquated) High Relaxivity Mn(II) Complex as an Alternative to Gd(III)-Based MRI Contrast Agent; Bedika Phukan, Chandan Mukherjee, Upashi Goswami, Amrit Sarmah, **Subhajit Mukherjee**, Suban Sahoo, Sankar Ch. Moi, *Inorg. Chem.* 57 (2018) 2631-2638. (ISSN: 00201669, Imp. Fac: 4.825)

22. Third-Order Kinetics for Interaction of Glutathione with a Dinuclear Pd(II) Complex and Their Mechanism, DNA Binding and DFT Study; Avradeep Samanta, Ishani Mitra, **Subhajit Mukherjee**, Venkata P. Reddy B., Sujay Mahata, Abhisake Karmakar, Goutam Kr. Ghosh, Bashkim Misini, Wolfgang Linert, Sankar Ch. Moi, *J. Sol. Chem.* 47 (2018) 1139-1156. (ISSN: 00959782, Imp. Fac: 1.273)

2017

23. Effect of Pt(II) complexes on cancer and normal cells compared to clinically used anticancer drugs: Cell cycle analysis, apoptosis and DNA/BSA binding study; **Subhajit Mukherjee**, Ishani Mitra, Venkata P. Reddy B., Chandrani Fouzder, Sandip Mukherjee, Subarna Ghosh, Urmi Chatterji and Sankar Ch. Moi, *J. Mol. Liq.*, 247 (2017) 126-140. (ISSN: 01677322, Imp. Fac: 6.165)

24. Hydrolysis mechanism of (N, N) chelated cytotoxic Pt/Pd(II)-dichloro complexes: A theoretical approach; **Subhajit Mukherjee**, Venkata P. Reddy B., Ishani Mitra, Wolfgang Linert and Sankar Ch. Moi, *Chem. Phys. Lett.*, 678 (2017) 241-249. (ISSN: 00092614, Imp. Fac: 2.029)

25. In vitro kinetic based adduct formation mechanism of a cytotoxic Pt(II) complex with sulfur containing bio-relevant molecules and a theoretical approach; **Subhajit Mukherjee**, Venkata P. Reddy B., Ishani Mitra and Sankar Ch. Moi, *Polyhedron*, 124 (2017) 251-261. (ISSN: 02775387, Imp. Fac: 2.343) **Cover Page Article**

26. DNA/protein interactions, cell cycle arrest and apoptosis study of potent cytotoxic Pt(II) complexes with reduced side-effects; Ishani Mitra, **Subhajit Mukherjee**, Venkata P. Reddy B., Suwendu Kr. Chatterjee, Sandip Mukherjee, Subarna Ghosh, Urmi Chatterji and Sankar Ch. Moi, *J. Mol. Liq.* 248 (2017) 515-526. (ISSN: 01677322, Imp. Fac: 5.065)

27. A theoretical investigation on bio-transformation of third generation anti-cancer drug Heptaplatin and its interaction with DNA purine bases; Venkata P. Reddy B., **Subhajit Mukherjee**, Ishani Mitra and Sankar Ch. Moi, *Chem. Phys. Lett.* 690 (2017) 105-115. (ISSN: 00092614, Imp. Fac: 2.029)

28. Kinetic and mechanistic study of substitution on a cytotoxic Pt^{II} complex with biologically relevant thiols and a density functional study; Ishani Mitra, Venkata P. Reddy B., **Subhajit Mukherjee**

29. Hydrolysis theory based on density functional studies for cytotoxic Pt(II) and Pd(II) complexes with benzimidazole derivative; Ishani Mitra, Venkata P. Reddy B., **Subhajit Mukherjee**, Wolfgang Linert and Sankar Ch. Moi, *Chem. Phys. Lett.* 678 (2017) 250-258. (ISSN: 00092614, Imp. Fac: 2.029)

30. Kinetics and mechanism of interaction of Pt(II) complex with bio-active ligands and in vitro Pt(II)-sulfur adduct formation in aqueous medium: bioactivity and computational study; Avradeep Samanta, Ishani Mitra, Venkata P. Reddy B., **Subhajit Mukherjee**, Sujay Mahata, Wolfgang Linert, Bashkim Misini, Ashish Bhattacharjee, Sukhamoy Dhabal, Goutam Kr. Ghosh and Sankar Ch. Moi, *J. Coord. Chem.* 70(6) (2017) 1032–1052. (ISSN: 00958972, Imp. Fac: 1.410)

2016

31. Cytotoxic, DNA binding and drug reservoir property of Pt(II)–sulfur complexes: In-vitro kinetics, mechanism with bio-relevant molecules in aqueous medium and a theoretical approach; **Subhajit Mukherjee**, Ishani Mitra, Venkata P. Reddy B., Sujay Mahata, Jagadeesh C. Bose K., Subrata Dasgupta, Wolfgang Linert and Sankar Ch. Moi, *Polyhedron*, 119 (2016) 84–97. (ISSN: 02775387, Imp. Fac: 2.343)

32. Hydrolysis mechanism of anticancer drug lobaplatin in aqueous medium under neutral and acidic conditions: A DFT study; Venkata P. Reddy B., **Subhajit Mukherjee**, Ishani Mitra, Sujay Mahata, Wolfgang Linert, Sankar Ch. Moi *Chem. Phys. Lett.* 663 (2016) 115–122. (ISSN: 00092614, Imp. Fac: 2.029)

33. Benzimidazole based Pt(II) complexes with better normal cell viability than cisplatin: synthesis, substitution behavior, cytotoxicity, DNA binding and DFT study; Ishani Mitra, **Subhajit Mukherjee**, Venkata P. Reddy B., Subrata Dasgupta, Jagadeesh C. Bose K., Sandip Mukherjee, Wolfgang Linert and Sankar Ch. Moi, *RSC Adv.* 6 (2016) 76600-76613. (ISSN: 20462069, Imp. Fac: 3.119)

34. A theoretical investigation on hydrolysis mechanism of biologically relevant Pt(II)/Pd(II) complexes with σ -donor and π -acceptor carrier ligand; Venkata P. Reddy B., Ishani Mitra, **Subhajit Mukherjee**, P. S. Sengupta, Subba Reddy Dodda and Sankar Ch. Moi, *Chem. Phys. Lett.* 657 (2016) 148-155. (ISSN: 00092614, Imp. Fac: 2.029)

35. An experimental and theoretical approach on the kinetics and mechanism for the formation of a fourmembered (S, S) chelated Pt(II) complex; Venkata P. Reddy B., **Subhajit Mukherjee**, Ishani Mitra, Koyel Misra, Partha Sarathi Sengupta, Wolfgang Linert, J. C. Bose K, Goutam Kr. Ghosh and Sankar Ch. Moi, *RSC Adv.* 6 (2016) 18288-18299. (ISSN: 20462069, Imp. Fac: 3.119)

2015

36. In vitro model reaction of sulfur containing biorelevant ligands with Pt(II) complex: kinetics, mechanism, bioactivity and computational studies; **Subhajit Mukherjee**, Venkata P. Reddy B., Ishani Mitra, Rajnarayan Saha, Jagadeesh C. Bose K., Subba Reddy Dodda, Wolfgang Linert and Sankar Ch. Moi, *RSC Adv.*, 5 (2015) 76987- 76999. (ISSN: 20462069, Imp. Fac: 3.119)

37. Pd^{II}-Pd^{II} bonding interaction in dinuclear Pd^{II} complex with non-macrocyclic (O&N) chelates: Characterization, kinetics and DFT study; Ishani Mitra, Goutam Kr. Ghosh, **Subhajit Mukherjee**, Venkata P. Reddy B., Wolfgang Linert, Frank Kubel, Xavier Rocquefelte and Sankar Ch. Moi, *Polyhedron* 89 (2015) 101–109. (ISSN: 02775387, Imp. Fac: **2.343**)

38. Interaction of bio-relevant thio-ether and thiols with dinuclear Pd(II) complex: kinetics, mechanism, bioactivity in aqueous medium and molecular docking; Koyel Misra, Goutam Kr Ghosh, Ishani Mitra, **Subhajit Mukherjee**, Venkata P. Reddy B., Wolfgang Linert, Bashkim Misini, Jagadeesh C. Bose K, Sudit Mukhopadhyay and Sankar Ch. Moi, *RSC Adv.* 5 (2015) 12454-12462. (ISSN: 20462069, Imp. Fac: **3.119**)

2014

39. Ligand substitution reaction on a platinum(II) complex with bio-relevant thiols: kinetics, mechanism and bioactivity in aqueous medium; Avradeep Samanta, Goutam Kr. Ghosh, Ishani Mitra, **Subhajit Mukherjee**, Jagadeesh C. Bose K, Sudit Mukhopadhyay, Wolfgang Linert and Sankar Ch. Moi, *RSC Adv.* 4 (2014) 43516-43524. (ISSN: 20462069, Imp. Fac: **3.119**)

40. Kinetics and mechanism of biphasic substitution reactions of a platinum(II) complex with thioglycollic acid and 4-methyl-3-thiosemicarbazide in aqueous solution; Koyel Misra, Ishani Mitra, Goutam Kr. Ghosh, **Subhajit Mukherjee**, Bashkim Misini, Wolfgang Linert, Sankar Ch. Moi, *Transition Met Chem.* 39 (2014) 789–796. (ISSN: 03404285, Imp. Fac: **1.366**)

Publication of Book Chapter

Publication of Book Chapter

1. Book Chapter Published “**Unraveling Cancer: Mechanisms, Challenges, and Modern Therapies**” under the book titled “*GLOBAL DIMENSIONS OF MULTIDISCIPLINARY RESEARCH AND INNOVATION*”, Volume 01 (2025) Merimax International Publications (ISBN: 978-81-995443-6-9)
1. Book Chapter Published “**Transforming Chemotherapy with AI: A New Era of Precision Treatment and Better Outcomes**” under the book titled “*GLOBAL DIMENSIONS OF MULTIDISCIPLINARY RESEARCH AND INNOVATION*”, Volume 02 (2025) Merimax International Publications (ISBN: 978-81-995443-9-0)
1. Book Chapter Published “**Emerging Antibiotic Resistance Mechanisms in Bacterial Pathogens: A Global Health Challenge**” under the book titled “*GLOBAL DIMENSIONS OF MULTIDISCIPLINARY RESEARCH AND INNOVATION*”, Volume 01 (2025) Merimax International Publications (ISBN: 978-81-995443-6-9)
1. Book Chapter Published “**Blooming Intelligence: Machine Learning for Plant Species Identification**” under the book titled, “*Advances and Concerns in Agricultural &*

Environmental Information Systems in Society 5.0”, (2024) New Delhi Publishers (ISBN: 978-81-19006-36-6).

1. Book Chapter Published “A Journey Through Time: District Administration From Past To Contemporary Period” under the book titled, “*Dynamics Of Research And Development*”, (2024) Global Authors (ISBN: 978-93-341-0844-6).
1. Book Chapter Published “**Impact of Industrial dyes on Environment: Problems and Sustainable Solutions**” under the book titled, “*Handbook on Present environmental challenges: An overview*”, (2022) Book Rivers Publication (ISBN: 978-93-5515-086-8).
1. Book Chapter Published “**Medicinal bioactivity: anti-cancerous and anti-HIV activity of medicinal plants**” under the book titled, “*Phytochemicals in Medicinal Plants: Biodiversity, Bioactivity and Drug Discovery*”, (2023) De Gruyter, Boston (DOI:10.1515/9783110791891-007).

Journal Cover Page Design:

1. *Polyhedron*, 9th March, *Volume 124*, **S. Mukherjee**, V. P. Reddy B., I. Mitra and S. C. Moi, Link: <https://www.journals.elsevier.com/polyhedron/cover-gallery/cover-of-volume-124>.

2. *Polyhedron*, 28th May, *Volume 128*, I. Mitra, V. P. Reddy B., **S. Mukherjee** and S. C. Moi, Link: <https://www.journals.elsevier.com/polyhedron/cover-gallery/cover-of-volume-128>.

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Conferences/ Seminars/ Workshops

| SL. No. | Type | Name | Organiser | Date from | Date to | Duration |
|---------|-------------------------------------|---|--------------------------------|------------|------------|----------|
| 1 | online International Lecture Series | online International Lecture Series On Indian Knowledge System | Sivanath Sastri College | 08-04-2025 | 08-04-2025 | 1 day |
| 2 | FDP | One Week faculty Development Programme on Outcome Based Education | Nagar College | 21-04-2025 | 24-04-2025 | 1 Week |
| 3 | Workshop | RECENT TRENDS IN CIVIL ENGINEERING & RESEARCH METHODOLOGY | Haldia Institute of Technology | 26-02-2025 | 28-02-2025 | 3 days |
| 4 | Short Term Training | Recent Trends in Intelligent | HARCOURT BUTLER | 03-03-2025 | 08-03-2025 | 5 days |

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| | Program (STTP) | Control and Electric Vehicles | TECHNICAL UNIVERSITY | | | |
| 5 | 5 Day FDP | Analysis of Recent Trends in Electric Vehicles, Battery Technology, and Integrated Control Systems | Institute of Engineering & Management | 13-05-2025 | 17-05-2025 | 5 days |
| 6 | 1-Day Virtual Workshop | 1-Day Virtual Workshop on the Applications of AI and its Implications ” | INSTITUTION' S INNOVATION COUNCIL BELTOLA COLLEGE, ASSAM&ICT ACADEMY | 29-May-25 | 29-May-25 | 1 day |
| 7 | 5 Day FDP | Transforming industrial byproducts into next-Gen construction material | RTC INSTITUTE OF TECHNOLOGY | 02-06-2025 | 06-06-2025 | 5 days |
| 8 | 1 Day International Online Symposium | YOGA BANDHAN” - GLOBAL CULTURAL EXCHANGE AND COLLECTIVE WELLBEING THROUGH YOGA | NSHM Knowledge Campus, Kolkata | | | 1 day |
| 9 | FDP | 7 Day - FDP on "The Gen Z Effect: Innovation, Impact and the Future of Industry | Star International Foundation for Research and Education | 02-10-2025 | 08-10-2025 | 7 days |
| 10 | Training Workshop | “Chat GPT for Research Writing Assistance” | Nuhianwali Education Society | 04-01-2024 | 06-01-2024 | 3 Days |
| 11 | Workshop | Biodiversity Conservation National Online Workshop | Society for Environment & Sustainable Development | 19-01-2024 | 19-01-2024 | 1 Day |
| 12 | FDP | 7 DAYS NATIONAL LEVEL FDP ON PYTHON | Star International Foundation for Research and Education | 19-03-2024 | 25-03-2024 | 7 Days |
| 13 | Webinar | Exploring Data Analytics and Visualization Using AI. | Neotia Skill Development Academy & Ramkrishna Math | 11-May-24 | 11-May-24 | 1 Day |

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| 14 | FDP | 5-day FDP-SI UHV Online - "AICTE Incorporating Universal Human Values in Education (An AICTE Initiative)". | Vidyamandir Belur | 13-05-2024 | 17-05-2024 | 5 Days |
| | | | AICTE | | | |
| 15 | National Workshop | "BIODIVERSITY CONSERVATION" | Society for Environment & Sustainable Development | 22-05-2024 | 22-05-2024 | 1 Day |
| 16 | Workshop | AI Assisted Literature Review | "MTC Global Leadership institute" in association with "Knowledge Café, Bangalore" | 22-05-2024 | 23-05-2024 | 2 Days |
| 17 | Online Webinar | SHIFTING TIDES: THE EVOLVING LANDSCAPE AND RELATIONSHIP | Dept. of Psychology, NSHM Durgapur | 23-05-2024 | 23-05-2024 | 1 Day |
| 18 | Training | Intensive Training in Algebra, Analysis, Topology, and Applications | Manipal Institute of Technology, Manipal | 27-05-2024 | 01-06-2024 | 1 Week |
| 19 | Webinar | Celebrating Women in Mathematics | IIIM NAGPUR | 03-06-2024 | 03-06-2024 | 1 Day |
| 20 | FDP | Virtual Research Faculty Development Program on "Research Methodology" | Pune Institute of Business Management (PIBM) | 10-06-2024 | 15-06-2024 | 1 Week |
| 21 | FDP | ONE DAY ONLINE FACULTY DEVELOPMENT PROGRAM ON AI TOOLS FOR TEACHING | Star International Foundation for Research and Education | 22.06.2024 | 22.06.2024 | 1 DAY |
| 22 | Workshop | Scholarship, Grants, Fellowships, Post Doctoral Opportunities, Research Funding and Research Proposals | Confab360o | 03.07.2024 | 04.07.2024 | 2 Days |
| 23 | MDP | One Week MDP on Leadership Development and Research Excellence | Shri Vishnu Engineering college for Wemen | 22.07.24 | 27.07.24 | 1 Week |

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| 24 | Workshop | Application of chemical compounds in diagnostic imaging | Kongunadu College of Engineering and Technology | 26.07.24 | 26.07.24 | 1 Day |
| 25 | FDP | Innovation in Recent Trends and Research Applications on Computing and Informatics | SuSET (Summer School of Emerging Technology)Haldia Institute of Technology | 29.07.24 | 2.08.24 | 1 Week |
| 26 | FDP | 3 -Day Online National Level Faculty Development Program on "Foundational Sciences: The Cornerstones of Engineering | Sphoorthy Engineering College | 08.08.2024 | 10.08.2024 | 3 Days |
| 27 | Webinar | Financial Education A Life Skills Under NEP 2020 | Rama Krishna College Madhubani, Bihar In association with Association of Mutual Funds In India | 24.09.2024 | 24.09.2024 | 1 Day |
| 28 | International Conference | GLOBAL CONFERENCE ON "Emerging technologies leading towards sustainable entrepreneurship, economics, tourism, healthcare, media, education supporting green environmental practices and business growth" | Confab360o | 08-12-2023 | 09-12-2023 | 2 Days |
| 29 | Online Course | Geo Data Sharing and Cyber Security | ISRO | 28-11-2023 | 11-12-2023 | 15 Hours |

Editorial Engagement:

Handbook on Present Environmental Challenges: An Overview; **Editor: Dr. Subhajt Mukherjee;** Book Rivers Publications, Lucknow, India; Published in June, 2022; **ISBN: 978-93-5515-086-8.**