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**BSc Honors in Zoology (1993)& Diploma in Dietetics (1995)** -University of Calcutta, India.

**Msc in Zoology (1998)**- Dayalbagh Educational Institute, India

**PhD in Zoology (2004)**- University of Calcutta, India

**MBA (2021)**- Lincoln University College, Malaysia

1. **Fellow** member of Indian Academic Researchers Association, Tiruchirappally, India (President Malaysia Chapter)
2. **Fellow** member of World Researchers Associations, India Ordinary member of Malaysian Society of Applied Biology.

**Educational**  
**Qualification**

**Career**  
**Advancements**

**Other Major**  
**Responsibilities**

**Director of Operations**, Lincoln University College more than 1 year.

Job Responsibility: Maintain, University day to day matters from admission to classroom management as well as monitor hotel setup.

**Editorial Work**

**Edited Journal:**

- Assisted in editing and publishing “*The Nucleus*” an international Journal of Cytology and allied topics for two years 2001, 2002 Volumes 44, 45.

**Editorial & Advisory board member**

- Malaysian Journal of Nursing* (Print ISSN: 2231-7007; e ISSN: 2462-246X) from 2010 till date.
- Malaysian Journal of Medical Research* (eISSN 2550-1607) from 2017 till date.
- International Journal of Recent Trends in Business and Tourism* (eISSN 2550-1526) from 2017 till date.
- International Journal of Management and Human Sciences* (eISSN 2590-3748) from 2017
- International Journal of Higher Education Research & Development* (ISSN 2456-2629) from 2016
- The Journal of Zoology Studies* (eISSN 2348-5914) from 2016

**Founder Executive Editor:**

International Journal of Advancement in Life Sciences Research (IJALSR) (Online ISSN 2581- 4877) from 2018

**Executive Editor:**

Lincoln University College (Publications). <http://www.lucp.net/key-persons.html>

**Selected Publications**

1. Mukherjee Paramita, Poddar Sandeep, Talukder Geeta, Sharma Archana. Protection of Black Tea Extract against Chromosome Damage Induced by Two Heavy Metals in Mice. *Pharmaceutical Biology (Basel, Switzerland)* 37: 3, 243 – 247, 1999.
2. Sandeep Poddar, Paramita Mukherjee, Geeta Talukder, Archana Sharma. Dietary protection by iron against clastogenic effects of short-term exposure to arsenic in mice in vivo. *Food and Chemical Toxicology (U. K.)* 38, 735-737, 2000.
3. Sandeep Poddar, Madhusnata De. Black tea as dietary protectant in combination with milk and sugar against arsenic in mice in vivo.. *Journal of Applied Nutrition* 27 :1&2,11-15, 2002.
4. Sandeep Poddar, Geeta Talukder. Iron and its effects on man : some aspects. *The Nucleus* 45 : 3, 160- 187, 2002.
5. Sandeep Poddar. Aspects of Iron Metabolism in Man : A Review. *Journal of Vivekananda Institute of Medical Sciences* 25 : 2, 38-49, 2002.
6. Bani Sengupta, Madhusnata De, Indrajit Dasgupta, Sandeep Poddar, Shila Chakrabarty, Geeta Talukder, Ritushree Kukreti and Samir Brahmachari. Comparative study of haemoglobinopathies in tribal populations of Arunachal Pradesh and Tripura (North Eastern India). *International Journal of Human Genetics* 2(3) : 169-172, 2002.
7. T Chakraborty, U Das, A Halder, S Poddar, M De Frequency of micronuclei from buccal mucosal cells of arsenic exposed population., *Journal of Vivekananda Institute of Medical Sciences* 26 : I & II, 10-14, 2003.
8. U Das, T Chakraborty, A Halder, S Poddar, D Bandyopadhyay, M De, Cytogenetic study of MDS : comparison between two methods. *Journal of Vivekananda Institute of Medical Sciences* 26 : I & II, 15-19, 2003.
9. Sandeep Poddar, Geeta Talukder, Archana Sharma. Chromosome damage induced by ferric chloride in human peripheral lymphocytes. *International Journal of Human Genetics* 4:4, 261-264, 2004.
10. Sandeep Poddar. Dietary intervention with iron and black tea infusion in reducing cytotoxicity of arsenic. *Indian Journal of Experimental Biology* 42 : 9,900-903, 2004.
11. Madhusnata De, Sandeep Poddar, Bani Sengupta, Ajanta Halder, Sila Chakrabarti, Rinini Sen, Sarthak Sengupta and Geeta Talukder. Recent Advances in Genetics and Health Eds. Usha Rani P., Jyothy A., Hema Prasad M. Incidence of haemoglobinopathies associated with anaemia in population of North East India. *Institute of Genetics and Hospital for Genetic Diseases, Osmania University, Hyderabad*, 189-196, 2004.
12. Rinini Sen, Sila Chakrabarti, Bani Sengupta, Madhusnata De, Ajanta Halder, Sandeep Poddar, Bani Gajra, Geeta Talukder and Sarthak Sengupta. Alfa-thalassemia among tribal populations of Eastern India. *Hemoglobin* 29(4):277-80, 2005.
13. Chakraborty T, Das U, Poddar S, Sengupta B, De M. Micronuclei and Chromosomal Aberrations as Biomarkers: A Study in an Arsenic exposed population in West Bengal, India. *Bulletin of Environmental Contamination and Toxicology* 76 (6):970-976,2006.
14. Sandeep Poddar. Hereditary hemochromatosis - special reference to Indian

- scenario. *International Journal of Human Genetics* 6(1): 73-79, 2006.
15. T Rudra, S Poddar, S. Chakrabarti, B Sengupta, M De, G Talukder, D Bandyopadhyay. Alpha thalassaemia – a study. *Journal of Vivekananda Institute of Medical Sciences* 29(1), 21-24, 2006.
  16. Prenatal Diagnosis Beta and E Beta thalassaemia using molecular DNA technology. Sengupta B, Chakrabarti S, Sen R, Gajra B, Banerjee D, Rudra T, Poddar S, De M, Mukherjee S & Talukder G. *The Nucleus* 49 (1&2): 7-15, 2006.
  17. Madhusnata De, Ajanta Halder, Sandeep Podder, Rinini Sen, Shila Chakrabarty, Bani Sengupta, Tulika Chakraborty Urmisha Das, Geeta Talukder, Anemia and hemoglobinopathies in tribal population of Eastern and North-eastern India. *Hematology* 11(5/6),371-373, 2006.
  18. Sandeep Poddar, Monitoring of clastogenic effects of arsenic following dietary protection in animal model. *Environment Drinking water and Public Health – Problems and Future Goals*. Ed. Arnab Ghosh, Daya Publishing House, Delhi, 39-47, 2007.
  19. Sumana Chatterjee, Tapash Rudra, Sandeep Poddar, Sila Chakrabarti, Bani Sengupta, Debolina Biswas and Sarthak Sengupta, GST & CYP Polymorphism Related to Tea Drinking and Oral Pathology. *International Journal of Human Genetics* 8(3):295-299, 2008.
  20. Sumana Chatterjee, Sila Chakrabarti, Bani Sengupta, Sandeep Poddar, Debolina Biswas, Sarthak Sengupta, Geeta Talukder, Prevalence of CYP1A1 and GST polymorphisms in the population of northeastern India and susceptibility of oral cancer. *Oncology research (Oncol Res)* 17: 9, 397-403, 2009.
  21. Swaha Bhattacharya & Sandeep Poddar, Exploring the role of stem cells in cancer therapy. *Malaysian Journal of Nursing* , 2 (3), 18-28. 2011.
  22. Sandeep Poddar, Hepatitis C and iron over load. *Malaysian Journal of Medical Research* 1(1), 25-30. 2017.
  23. Hassan HC, Poddar S, Effect of Self-Efficacy and Behaviour Changes in Diet on Health Related Quality of Life Among Middle-Aged Women. *Journal of Nutrition and Health (ISSN: 2469-4185)*, 3(1), 1-5. 2017.
  24. Pritha Pal, Ranjan Raychowdhury, Sandeep Poddar, Ajanta Halder. Is There any Effect of Addictions in Arsenic Induced Oral Carcinoma? *Int J Adv Life Sci Res.* 2(2), 36- 42. doi:10.31632/ijalsr.2019v02i02.005
  25. Sandeep Poddar. Self-Care in Nursing , *Advanced Nursing & Patient Care International Journal* 2(4):1-4. 2019.
  26. Moe Zar, Sandeep Poddar, Amiya Bhaumik. The Intelligence of Key Stakeholder Impacts the Capabilities of the Business in Public Private Partnership. *Restaurant Business* 118 (10), 459-467. 2019.
  27. Zaw Zaw Myint, Sandeep Poddar, Abhijit Ghosh, Amiya Bhaumik. A study on employee perception on effectiveness of training programs in Myanmar citizens bank. *Restaurant Business* 118(11):603-618. 2019. 10.26643/rb.v118i11.11544.
  28. Antony A., Manual Selvaraj Bexci, Sandeep Poddar. Cloud based Convergent Unrestricted Mobile Communication Assistance via Evolutionary Adaptive Ad hoc Strategies for Disaster Relief. *International Journal of Engineering and Advanced Technology (IJEAT)* 8 (6), 3460-3462. 2019.
  29. S Bhattacharya, S Sinha, D Baidya, S Poddar, I Sikder. Emergence of Zika virus: an interplay of virus, vector and vertebrate hosts. *Malaysian Journal of Medical Research* 3 (4), 13-25. 2019.
  30. Wijaya Heri, Jubaidah Siti, Kadri Ansyori Achmad, Nurhasnawati Henny and Poddar Sandeep. Determination of phenolic and flavonoid levels and antioxidant activity test from ethanol extract of biak-leaves (*Mitragyna speciosa*) with ABTS method [2,2-azinobis- (3-ethylbenzotiazolin) -6-sulfonic acid]. *Research Journal of Chemistry and Environment.* 24 (5) May,31-35. 2020.
- Kallol Saha, Pranam Dhar, Sandeep Poddar. Viral Marketing –A Perception Study on the Higher Education Students in West Bengal. *Test Engineering & Management.* 83 May / June 897 – 904. 2020.

32. Rwitabrata Mallick, Sandeep Poddar, Sustainable Water Resource Management. Test Engineering & Management. 83 May / June 2653-2658. 2020.
33. Manish Tiwari, Dr. Tulika Chakrabarti, Dr. Sandeep Poddar, Dr. Pradeep Laxkar, Mayank Sharma, Rohan Majumder, Dr. Prasun Chakrabarti, Liver Cancer Diagnosis Using IBK, NNge and Simple Cart Algorithms Based on BUPA Liver Disorder Dataset,. Patent Application Publication; Application No.201811035977 Official Journal of The Patent Office, India, The Patent Office Journal No. 13/2020 Dated 27/03/2020, pp. 15796 .2020.
34. Abdul Rahim Munshi, Darshana Dave, Prasun Chakrabarti, Sandeep Poddar (2020) Antecedents and Consequences of University Brand Image, an Integrated Model from The Perspective of Students in Gujarat. Journal of Critical Reviews, 7 (18), 869-874. doi:10.31838/jcr.07.18.120
35. Bhattacharya, S., Basu, P., & Poddar, S. (2020). Changing epidemiology of SARS-CoV in the context of COVID-19 pandemic. Journal of preventive medicine and hygiene, 61(2), E130–E136. <https://doi.org/10.15167/2421-4248/jpmh2020.61.2.1541>
36. Aristoteles, Puji Setya Rini, Sandeep Poddar, The correlation between frequency of playing online games and teen communication on nursing students in STIKes Muhammadiyah Palembang, Enfermería Clínica, 30(Suppl 5): 1-5, 2020. <https://doi.org/10.1016/j.enfcli.2019.11.014>.
37. Ingka K. Pangaribuan, Ester Simanullang, Sandeep Poddar, The analyze toddler growth and development according to family's economic status in Village Limau Manis, Districts Tanjung Morawa, Enfermería Clínica, 30(Suppl 5): 92-95, 2020. <https://doi.org/10.1016/j.enfcli.2019.11.029>.
38. Sadiman Sadiman, Islamiyati Islamiyati, Sandeep Poddar, The differences in hemoglobin levels before and after consuming ambon bananas in students, Enfermería Clínica, 30(Suppl 5): 115-118, 2020. <https://doi.org/10.1016/j.enfcli.2019.11.035>.
39. Desi Sarli, Imam Gunawan, Novinaldi, Sandeep Poddar, Early screening of baby blues based on Android applications: First-week postpartum, Enfermería Clínica, 30(Suppl 5): 129-132, 2020. <https://doi.org/10.1016/j.enfcli.2019.11.038>.
40. Melti Surya, Zuriati Zuriati, Zahlimar, Sandeep Poddar, Nursing aromatherapy using lavender with rose essence oil for post-surgery pain management, Enfermería Clínica, 30(Suppl 5): 171- 174. <https://doi.org/10.1016/j.enfcli.2020.02.001>.
41. Norin John, Ramesh Prasath Rai, Asra Amidi, Sandeep Poddar, Perceived benefits and attitude of undergraduate nursing students towards the mentoring programme, Enfermería Clínica, 30(Suppl 5): 188- 191, 2020. <https://doi.org/10.1016/j.enfcli.2020.02.005>.
42. Marthia Ikhlasiah, Lastri Mei Winarni, Sandeep Poddar, Amiya Bhaumik, The effects of papaya leaf juice for breastfeeding and working mothers on increasing prolactin hormone levels and infant's weight in Tangerang, Enfermería Clínica, 30(Suppl 5): 202-205, 2020. <https://doi.org/10.1016/j.enfcli.2019.11.054>.
43. Sumardino, Widodo, Sandeep Poddar, Analysis of pre hospital emergency management in case of head injury, Enfermería Clínica, 30(Suppl 5): 228-233, 2020. <https://doi.org/10.1016/j.enfcli.2019.11.061>.
44. Abbavannagari Bharath Kumar, Marakanam Srinivasan Umashankar and Sandeep Poddar. Assessment of Clinical, Risk Factors Profile and Clinical Pharmacist Care Services on Management and Prevention of Coronary Artery Disease Complications Among Diabetic Patients in a Tertiary Care Hospital Practice. Malaysian Journal of Medicine & Health Sciences. 16(3): 21-28, Sept 2020.
45. Yasmin Ali, Jitendra Shreemali, Tulika Chakrabarti, Prasun Chakrabarti, Sandeep Poddar. Prediction of reaction parameters on reaction kinetics for treatment of industrial wastewater: A machine learning perspective, Materials Today: Proceedings, 2020, ISSN 2214-7853.

<https://doi.org/10.1016/j.matpr.2020.09.702>.

46. Innue Astrini, Fenita P S Indah, Rita Dwi Pratiwi, Sandeep Poddar. Analysis of Efforts to Increase Knowledge, Attitudes, and Adherence of Antiretroviral Consumption in People with HIV / AIDS, Jepara City, Indonesia. *Malaysian Journal of Medicine and Health Sciences*.16 (SUPP10): 2-8, Nov 2020.
47. Rita Dewi Pratiwi, Ratumas Ratih Puspita , Fenita Purnama Sari Indah, Darni Nur Indahsari, Hafizah Che Hassan, Lee Siew Hoon, Sandeep Poddar. Determinant Factors of Accuracy of Triage Implementation in Emergency Department X Hospital, Indonesia. *Malaysian Journal of Medicine and Health Sciences*. 16 (SUPP10): 9-17, Nov 2020.
48. Surajit Das, Tapash Ranjan Saha, Sandeep Poddar, Sabyasachi Das. Malaria in India: A predictive study. *Malaysian Journal of Medicine and Health Sciences* .16 (SUPP10): 25-29, Nov 2020.
49. Yanti Cahyati, Ida Rosdiana, Asita Elengoe, Sandeep Poddar. Effect of Benson Relaxation and Aromatherapy on Blood Glucose Levels in Patients with Type II Diabetes Mellitus. *Malaysian Journal of Medicine and Health Sciences* 16 (SUPP10): 43-49, Nov 2020.
50. Yesi Maifita, Zuriati Zuriati, Rena Oktafiyanti Safnellyza, Urmisha Das, Sandeep Poddar. Impact of Eel Flour (*Monopterus albus*) on the Acceleration of Fracture Healing Process in *Rattus norvegicus* Wistar Albino Rat. *Malaysian Journal of Medicine and Health Sciences* 16 (SUPP10): 59-62, Nov 2020.
51. Riris Andriati, Fenita Purnama Sari Indah, Rita Dwi Pratiwi, Sandeep Poddar, Tukimin bin Sansuwito Determinant Factors Related To Hepatitis A Incidence Outbreaks in Depok City, Indonesia. *Malaysian Journal of Medicine and Health Sciences* 16 (SUPP10): 84-87, Nov 2020.
52. Mido Ester Juniati Sitorus, Ivan Elisabeth Purba, Elsarika Damanik, Sandeep Poddar. Efficacy of Garlic Solution (*Allium Sativum*) in Killing of *Aedes* sp Larva. *Malaysian Journal of Medicine and Health Sciences*. 16 (SUPP10): 106-112, Nov 2020.
53. Tri Hartiti, Sandeep Poddar, Amiya Bhaumik. Development Transformational Leadership Model to Improve Nurses' Soft Skills. *Malaysian Journal of Medicine and Health Sciences*. 16 (SUPP10): 113-118, Nov 2020.
54. Madhurima Mondal, Toma Dey, Sandeep Poddar . A Study to Assess the Quality of Life (QOL) Among Parents of Children with Acute Lymphoblastic Leukemia (ALL) Attending Oncology Out Patient Department (OPD) In Selected Hospital of Kolkata, West Bengal, India. *Malaysian Journal of Medicine and Health Sciences*. 16 (SUPP10): 125-130, Nov 2020.
55. Norin John, Sandeep Poddar. Mentorship in Nursing Academia: A Conceptual model. *Malaysian Journal of Medicine and Health Sciences*. 16 (SUPP10): 131-136, Nov 2020.
56. Dewi Fitriani, Rita Dwi Pratiwi, Putri Cahyaningtyas, Sandeep Poddar. Effect of Classical Music on Blood Pressure in Elderly with Hypertension in Bina Bhakti Werdha Elderly Nursing Home, Indonesia. *Malaysian Journal of Medicine and Health Sciences*. 16 (SUPP10): 142-144, Nov 2020.
57. Sandeep Poddar, Debajyoti Bose, Asita Elengoe. Disaster management and human health risk 2020 (Editorial). *Malaysian Journal of Medicine and Health Sciences*. 16 (SUPP10): 1, Nov 2020.
58. Mahyar Suara; Sandeep Poddar; Roy Rillera Marzo. Determinant Factors Related to Relapse of Schizophrenic Patients at the Islamic Mental Hospital. *European Journal of Molecular & Clinical Medicine*, 7 (6) : 129-139, 2020.
59. Sri Rejeki; Achmad Solichan, S.T., M.Kom; Machmudah; Dwi Nur Rahmantika Puji Safitri; Sandeep Poddar. The Profile of Interleukin-6, PGE2, and Menstrual Pain Levels through the Counter-Pressure Regiosacralis Therapy. *European Journal of Molecular & Clinical Medicine*, 7(6) : 122-128, 2020.
60. Sri Rejeki; Septiana Arum Nur Aifa; Wulandari Meikawati; Sandeep Poddar. Placental Morphometry In Post- Partum Mother with Anemia. *European Journal*

of Molecular & Clinical Medicine, 7(6) : 110-115, 2020.

61. Prasun Chakrabarti; Biswajit Satpathy; Siddhant Bane; Tulika Chakrabarti; Sandeep Poddar. Business gain forecasting in materials industry - a linear dependency, exponential growth, moving average, neuro-associator and compound Poisson process perspective. Materials Today: Proceedings, 2020, ISSN 2214- 7853. <https://doi.org/10.1016/j.matpr.2020.11.559>.
62. Lokesh Malviya, Pankaj Chittora; Prasun Chakrabarti, Raj S Vyas, Sandeep Poddar. Backorder Prediction in the Supply Chain using Machine Learning. Materials Today: Proceedings, 2021, ISSN 2214-7853. <https://doi.org/10.1016/j.matpr.2020.11.558>
63. Rajan Ethiraj Ugandar, Voleti Vijay Kumar, C.Madhusudhana Chetty, Dinesh Kumar Sharma, Kiran C Nilugal, Sandeep Poddar. Characterization of Methyl and Ethyl Esters of Amino-Acids as Corneal Permeation Enhancers. Malaysian Journal of Medicine & Health Sciences. 17(1): 97-100. Jan. 2021.
64. Kavya Ameta, Rajkumar Soni, Prasun Chakrabarti, Hung Bui, Sandeep Poddar. Piezo Based Electric Bike. Materials Today: Proceedings, 2021, ISSN 2214-7853. <https://doi.org/10.1016/j.matpr.2020.11.799>.
65. Bhavini Jain, Nandeshwari Ranawat, Pankaj Chittora, Prasun Chakrabarti, Sandeep Poddar. A Machine Learning Perspective: To analyze Diabetes. Materials Today: Proceedings, 2021, ISSN 2214-7853. <https://doi.org/10.1016/j.matpr.2020.12.445>
66. Vaibhavraj Nath Chauhan, Sanjana Purbia, Pankaj Chittora, Prasun Chakrabarti, Sandeep Poddar. Analysis of Bosom Malignancy using Supervised Machine Learning Classifier. Materials Today: Proceedings, 2021, ISSN 2214-7853. <https://doi.org/10.1016/j.matpr.2020.12.442>
67. Jitendra Shreemali, Lokesh Malviya, Payal Paliwal, Prasun Chakrabarti, Sandeep Poddar, Bhavesh Jindal, Harshit Chaubisa. Comparing Performance of Multiple Classifiers for Regression and Classification Machine Learning Problems Using Structured Datasets. Materials Today: Proceedings, 2021, ISSN 2214-7853. <https://doi.org/10.1016/j.matpr.2020.12.480>
68. Shaurya Veer Singh Bhansali, Rajkumar Soni, Prasun Chakrabarti, Sandeep Poddar. PLC Established Automatic Binary Car Parking System. Materials Today: Proceedings, 2021, ISSN 2214-7853. <https://doi.org/10.1016/j.matpr.2020.12.485>
69. Nitin Kothari, Dhvani Minda, Ishika Malasiya, Jitendra Shreemali, Prasun Chakrabarti, Sandeep Poddar. Design and Development of IoT Based Cement Bag Counting System. Materials Today: Proceedings, 2021, ISSN 2214-7853. <https://doi.org/10.1016/j.matpr.2020.12.622>
70. Lokesh Malviya, Jitendra Shreemali Rahul Ojha, Prasun Chakrabarti, Sandeep Poddar. Transformer Prediction in the Supply Chain using Machine Learning. Materials Today: Proceedings, 2021, ISSN 2214- 7853. <https://doi.org/10.1016/j.matpr.2020.12.625>
71. Jitendra Choubisa, Prasun Chakrabarti, Sandeep Poddar, Riya Audichya, Ritwik Mohan Bhatt. Structural Behavior of Steel Structures on The Basis of Computer Simulation Software. Materials Today: Proceedings, 2021, ISSN 2214-7853. <https://doi.org/10.1016/j.matpr.2020.12.372>
72. Payal Paliwal, Jitendra Shreemali, Prasun Chakrabarti, Sandeep Poddar. Performance Optimization of Hybrid RAMAN-EDFA based WDM-FSO under adverse climatic conditions. Materials Today: Proceedings, 2021, ISSN 2214-7853. <https://doi.org/10.1016/j.matpr.2020.12.624>
73. Nitin Kothari, Prasun Chakrabarti, Jitendra Shreemali, Sandeep Poddar. Design and Implementation of IoT Sensor Based Drinking Water Quality Measurement System. Materials Today: Proceedings, 2021, ISSN 2214-7853. <https://doi.org/10.1016/j.matpr.2020.12.1142>
74. Jitendra Shreemali, Prasun Chakrabarti, Sandeep Poddar, Nitin Kothari. Applying Different Machine Learning Classifiers on Very large Dataset to

demonstrate the challenges in choosing the right Machine Learning Classifier for a given problem. Materials Today: Proceedings, 2021, ISSN 2214-7853. <https://doi.org/10.1016/j.matpr.2020.12.140>

75. Bhattacharya, S., Sinha, S., Bhattacharya, S., & Poddar, S. (2021). Studies on The Awareness, Apprehensions and Aspirations of The University Students of West Bengal, India in The Context of COVID- 19 Pandemic. Malaysian Journal of Medical Research (MJMR), 5(2), 29-33.
76. Senjuti Goswami, Sandeep Poddar, & Thirunavukkarasu Thayanthan. (2021). The factors in influencing the success of a virtual office in civil engineering design industry in Singapore. Asia-Pacific Journal of Management and Technology , 1(4), 4-10.

## **Presentations**

1. Guest Lecturer and Examiner of MSc Environmental Sciences, Asutosh College, University of Calcutta, 2006.
2. Resource person of MSc Zoology, Bangabasi College, University of Calcutta, 2007.
3. Guest Lecturer in Zoology, Sarojini Naidu College for Women, Kolkata from November2009-January 2010.
4. Guest Lecturer in Zoology, MSc Zoology, Asutosh College,University of Calcutta, 2010.

## **Intellectual Property Rights**

### **Patents:**

i) Title : Liver cancer diagnosis using IBK, NNge and simple cart algorithms based on BUPA liver disorder dataset  
Indian Patent File Number : 201811035977A; Filing Date : 25th September 2018; Country: India Inventors : Manish Tiwari, Dr. Tulika Chakrabarti, Dr. Sandeep Poddar, Pradeep Laxkar, Mayank Sharma, Rohan Majumder, Dr. Prasun Chakrabarti  
Published : The Patent Office Journal No. 13/2020 Dated 27/03/2020 page 15796  
[https://www.ipindia.nic.in/writereaddata/Portal/IPOJournal/1\\_4857\\_1/Part-1.pdf](https://www.ipindia.nic.in/writereaddata/Portal/IPOJournal/1_4857_1/Part-1.pdf)

ii) Title: A Novel Non Enzymatic Metal Nano Particles Based Dengue Detection Kit.

Application No.: 202031010514; Filing Date: 12th March 2020; Country: India  
Inventor: Dr Sabyasachi Das, Mr Sourav Chattopadhyay, Dr. Sudipta Poddar, Dr. Sandeep Poddar, Dr Amiya K Hati.

iii) Title: Machine Learning Model for Breast Cancer Diagnosis

Application No. : 202041038156; Filing Date : 04th September 2020; Country : India

Inventors: Dr. Neel Kamal, Dr. Inamul Hasan Madar, Dr. Selvaraj Jagannathan, Dr. Ghazala Sultan, Dr. K. Vembandasamy, Dr.B.Arthi., MDS, Dr.S.Sushanthi.,BDS, Dr. Sandeep Poddar, M.K.Mariam Bee, Dr. Bala Anand Muthu, Dr.S.Balamurugan.  
The Patent Office Journal No. 37/2020 Dated 11/09/2020,page 39113.  
[https://www.ipindia.gov.in/writereaddata/Portal/IPOJournal/1\\_4906\\_1/Part-1.pdf](https://www.ipindia.gov.in/writereaddata/Portal/IPOJournal/1_4906_1/Part-1.pdf)

iv) Title : A novel method to analyze liver cancer growth using computational neuro-associator, Markov property and learning rule

Patent File Number : 202011044253; Filing Date : 12th October 2020; Country: India

Inventors : Dr Tulika Chakrabarti, Dr. Bui Thanh Hung, Dr Sandeep Poddar , Dr Prasun Chakrabarti et. al.

v) Title : Reliability Test and Relative Importance Index based analysis of human resource management challenges in construction organizational performance in Singapore.

Patent File Number : 202031054219; Filing Date : 14th December 2020; Country: India Inventors : Dr. Senjuti Goswami, Arulampalam Ramasthanan, Dr Sandeep

Poddar , Dr Tulika Chakrabarti.

vi) Title : Correlation analysis of human resource management challenges in construction organizational performance in Singapore.

Patent File Number : 202031054218; Filling Date : 14th December 2020; Country: India Inventors : Dr. Senjuti Goswami, Arulampalam Ramasthanan, Dr Sandeep Poddar , Dr Tulika Chakrabarti.

vii) Title : Methods to compute human thought process and disorder

Patent File Number : 202011055450; Filling Date : 21st December 2020. Country: India

Inventors: Dr Prasun Chakrabarti, Dr Subhrendu Guha Neogi, Dr Tulika Chakrabarti, Dr Richa Mishra, Dr Bui Thanh Hung, Dr Utku Kose, Sena Celik Goral, Dr Papiya Debnath, Dr Pinaki Pratim Acharjya, Dr M Madhusudhana Subramanyam, Rohini Navrath Temkar, Dr Amit Gupta, Dr Sandeep Poddar, Dr Avijit Bhowmick, Dr Syed Khasim and Dr Shiladitya Pujari.

viii) Title : Statistical analysis of perception on the mentoring programme as an academic support service for nursing students in training institute ministry of health (nursing) Sandakan, Malaysia. Patent File Number : 202011055452; Filling Date : 21st December 2020; Country: India

Inventors : Norin John , Dr Sandeep Poddar , Dr Amiya Bhaumik , Dr Tulika Chakrabarti Applicant : Lincoln University College.

ix) Title : Dedicated functional area for leg operated computer interactive device for handless people

Patent File Number : 2021101730; Filling Date : 5th April 2021; Country : Australia, Status: Granted

Inventors & Applicants : G. Nalinipriya; Tulika Chakrabarti, Ananda Shankar Hati; Vinay Kumar Sharma; Sandeep Poddar, K. Sampath Kumar; S. Dhanabal, A. Krishnaraju, Prerana Nilesh Khairnar, Ajay Kumar Singh, Prasun Chakrabarti, G.Naga. Rama Devi.

x) Title : Super-moisturizing oil serum from all natural ingredients for sustainable anti-aging and skin glow effect

Patent File Number : 2021102107; Filling Date : 21st April 2021; Country : Australia Status: Granted Inventors : Idris Adewale Ahmed; Maryam Abimbola Mikail; Sandeep Poddar

Applicants : Lincoln University College & Mimia Sdn. Bhd., Malaysia

xi) Title : Isolation of saracoside: a new lignan glycoside isolated from *S.indica*

Patent File Number : 2021102118; Filling Date : 22nd April 2021; Country : Australia Status: Filed Inventors : Tulika Chakrabarti; Prasun Chakrabarti; Sandeep Poddar; Amiya Bhaumik

Applicant : Lincoln University College, Malaysia

xii) Title : Putralone: a novel 10 $\alpha$ -Hydroxy-25-Nor D: a Friedo-Oleanane Triterpenoid from *Putranjiva roxburghii* (Wall)

Patent File Number : 2021102119; Filling Date : 22nd April 2021; Country : Australia Status: Granted Inventors : Tulika Chakrabarti; Prasun Chakrabarti; Sandeep Poddar; Amiya Bhaumik

Applicant : Lincoln University College, Malaysia

xiii) Title : Foot-operated seed and leaves pulverizer using Automated thrust control technique

Patent File Number : 2021102601; Filling Date : 16th May 2021; Country : Australia, Status: Filed

Inventors & Applicants : Ashok Kumar Koshariya, Tulika Chakrabarti, Ananda



Shankar Hati; Sandeep Poddar, M Mahalingam, Swarnendu Kr Chakraborty, Shaik Nasreen; Daniel Das A; Chitra Kesava Reddy;  
G. Dileep Kumar; Prasun Chakrabarti; Karthikeyan C..

### **Professional Memberships**

Life member of

1. Environmental Mutagen Society of India
2. Zoological Society of India, Kolkata
3. Indian Dietetic Association, Bengal Chapter
4. Indian Science Congress Association.
5. Indian Science News Association
6. Association for Prevention and Control of Rabies in India (APCRI), LM No. 745.
7. Founder Assistant Secretary of **Dr Tarak NathPodder Memorial Foundation**, Kolkata, India.([www.dtnpmf.org](http://www.dtnpmf.org)).
8. Former Working Committee Member (2016-2020), Malaysian Bengalee Association, Malaysia.

### **Awards and Recognitions**

Best Research Advisor Award by Indian Academic Researcher Association 2019