

BIODATA

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Educational Qualification :



Name of the Examination	Board / University	Year of passing
B.Sc (Hons) in Zoology	University of Calcutta, Kolkata, India	1993
Diploma in Dietetics	-Do-	1995
M.Sc. in Zoology	Dayalbagh Educational Institute, (Deemed University) Agra, India (specialization in Biochemical Genetics)	1998
PhD (Sc) in Zoology	University of Calcutta, Kolkata, India	2004
Title of the thesis " <i>Comparison of cytotoxic effects of iron with other Group VIII metals and protection against effects of iron overload by dietary intervention</i> " supervisor Late Dr. (Mrs.) Geeta Talukder and Late Prof. (Mrs.) Archana Sharma.		
Master of Business Administration (MBA)	Lincoln University College, Malaysia	2021

Past Research Experience (from 1999 to 2008) :

- Research fellow in the project “Molecular Diagnosis of Thalassaemias” funded by Vivekananda Institute of Medical Sciences, from March 1999 - October 2000.
- Research fellow in the collaborative research project at Vivekananda Institute of Medical Sciences on “Programme of Functional Genomics on study of Haemoglobinopathies in North East India” funded by Centre for Biochemical Technology, Delhi, from November 2000 – March 2002.
- Research fellow in the project “Study of anaemias and deficiency states affecting tribal population of the North East India with a view to provide counseling and prevention using biotechnological methods of diagnosis and value added dietary supplementation” funded by Department of Biotechnology, Government of India, from June 2002 – March 2005.
- Research Fellow in the project “Study of genotypic predisposition to oral cancer modified by tea : a collaborative study of the population of Assam” funded by National Tea Research Foundation, Kolkata, India from April 2005- March 2007.
- Senior Scientist, Molecular Genetics & QA Manager, Neon Healthcare & Research Institute Ltd., Kolkata, from July 2006- February 2008.

Teaching Experience :

- Part time Lecturer in Zoology, Vidyasagar College under the University of Calcutta, Kolkata, from September 2004-January 2005.
- Guest Lecturer and Examiner of MSc Environmental Sciences, Asutosh College, University of Calcutta, 2006.
- Resource person of MSc Zoology, Bangabasi College, University of Calcutta, 2007.
- Guest Lecturer in Zoology, Sarojini Naidu College for Women, Kolkata from November 2009-January 2010.
- Lecturer, Department of Biotechnology, Vidyasagar Institute of Education Technology & Research, Pursurah, Hooghly, from January 2008 – July 2010.
- Part time Lecturer in Zoology, Sarojini Naidu College for Women, Kolkata from January 2010 – July 2010.
- Guest Lecturer in Zoology, MSc Zoology, Asutosh College, University of Calcutta, 2010.
- Lecturer, Lincoln University College, July 2010-2011.
- Associate Professor, Lincoln University College, 2011-2016
- Senior Research Director & Professor, Lincoln University College, 2016- 2020.
- Deputy Vice Chancellor (Research & Innovation) Lincoln University College, 2021- till date.

Special Duty:

Deputy Vice Chancellor, Administration(acting) Lincoln University College for 6 months

Job Responsibility: Control administration as well as make International collaborations by working closely with the management.

Member, Working Committee, Malaysian Citation Centre, Ministry of Education, Malaysia

Worked as

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 hostel setup.

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.
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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. Manual Selvaraj Bexci, Sandeep Poddar, Antony A. 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.
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Official Journal of The Patent Office, India, The Patent Office Journal No. 13/2020 Dated 27/03/2020, pp. 15796 .2020.

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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>.
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45. 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.
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50. 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.
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52. 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.
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54. Norin John, Sandeep Poddar. Mentorship in Nursing Academia: A Conceptual model. *Malaysian Journal of Medicine and Health Sciences*. 16 (SUPP10): 131-136, Nov 2020.
55. 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.
56. 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.
57. 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.
58. 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.
59. 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.
60. Prasun Chakrabarti, Biswajit Satpathy,, Hati Ananda Shankar, R B Bapat, Husnain R Sherazi, Sandeep Poddar, Jonathan Andrew Ware.(2020) Statistical Analysis Of Strategic Market Management Based On Neuro-Fuzzy Model Of Human Nature, Poisson Process And Renewal Theory. *EEO*. 19(4): 7146-7159. <https://doi.org/10.17051/ilkonline.2020.04.765121>
61. 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.
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63. 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.
64. Sandeep Poddar, Debajyoti Bose, Krishnajyoti Goswami Good Health and Well Being. (Editorial). *Malaysian Journal of Medicine & Health Sciences*. 17(SUPP4): 1, June 2021.

65. Aristoteles, Heri Shatriadi, Zairinayati, Imam Haryoko, Sandeep Poddar. Comparative Study of Examination of LED Value Using the Wintrobe Method and Hemoglobin Examination Using the Sahli Method on *Rattus norvegicus* Wistar Exposed to Cigarette Smoke. *Malaysian Journal of Medicine & Health Sciences*. 17(SUPP4): 7-10, June 2021.
66. Maya Fadlilah, Aristoteles, Trilia, Maratun Ulla, Sandeep Poddar. The Effect of Pineapple Consumption on Uric Acid Levels in Elderly at Panti Sosial Harapan Kita Palembang. *Malaysian Journal of Medicine & Health Sciences*. 17(SUPP4): 15-17, June 2021.
67. Hilman Mulyana, Sandeep Poddar, Hafizah Che Hassan. The Relationship Between Nurses Work Motivation and in Conducting Documentation of Observations According to The EWS Escalation at The Awal Bros Hospital. *Malaysian Journal of Medicine & Health Sciences*. 17(SUPP4): 27-30, June 2021
68. Natarajan Kannan, Sharath Asokan, Keshav Ram Gopal, Sandeep Poddar, Amiya Bhaumik. Randomized Controlled Trial for Comparative Assessment of Effect of Artificial Saliva Versus Virgin Coconut Oil on Salivary Proteolytic Activity & Radiation Mucositis in Patients undergoing Radiotherapy for Head and Neck Cancers. *Malaysian Journal of Medicine & Health Sciences*. 17(SUPP4): 52-56, June 2021
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70. Sri Rahayu, Wiwik Eko Pertiwi, Lisy Meidina, Sandeep Poddar. The Roles of Knowledge and Perceptions in Covid-19 Transmission Prevention Behavior. *Malaysian Journal of Medicine & Health Sciences*. 17(SUPP4): 62-66, June 2021
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33. Sutono, A., Rizqi, M. B., & Poddar, S. (2024). Building a Women-Friendly Hospitality Work Culture Through Equal Employment Opportunity: Case From Delonix Hotel, Karawang, Indonesia. In S. Yildirim, D. Yildirim, I. Demirtaş, & V. Kandpal (Eds.), *Green Transition Impacts on the Economy, Society, and Environment* (pp. 340-357). **IGI Global**. <https://doi.org/10.4018/979-8-3693-3985-5.ch019>
34. Biswas, H. S., Kundu, A. K., & Poddar, S. (2024). Harnessing Carbon-Based Nanomaterials for Sustainable Environmental Solutions. In J. Arun, N. Nirmala, & S. Dawn (Eds.), *Environmental Applications of Carbon-Based Materials* (pp. 57-77). **IGI Global**. <https://doi.org/10.4018/979-8-3693-3625-0.ch003>
35. Nayak, A., Satpathy, I., Poddar, S., & Patnaik, B. C. (2024). Quality of Work-Life Balance Among Women Entrepreneurs: Understanding the Journey Through Narrative Analysis. In S. Salman & A. Bhaumik (Eds.), *New Practices for Entrepreneurship Innovation* (pp. 245-267). **IGI Global**. <https://doi.org/10.4018/979-8-3693-5426-1.ch011>

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

- **Asia-Pacific Journal of Management and Technology (AJMT)** (eISSN 2652-6850) from 2020.
- **Current Materials Science** (Bentham Science) (ISSN 2666-1454, eISSN 2666-1462)- Special Issue Editor 2024.
- **Edu Dharma Journal: Jurnal penelitian dan pengabdian masyarakat** (P-ISSN: 2597-890X; E-ISSN: 2686-6366) from April 2022.
- **Enfermeria Clinica** (Elsevier)(ISSN : 11308621, 15792013) (Editor : Special issue)

- **International Journal of Ambient Computing and Intelligence (IJACI)** (IGI Global) (ISSN: 1941-6237, eISSN: 1941-6245) from 2023.
- **International Journal of Higher Education Research & Development** (ISSN 2456-2629) from 2016
- **International Journal of Management and Human Sciences** (eISSN 2590-3748) from 2017
- **International Journal of Recent Trends in Business and Tourism** (eISSN 2550-1526) from 2017 till date.
- **IRA-International Journal of Applied Sciences** (ISSN 2455-4499)
- **Journal of Infrastructure, Policy and Development** (En Press) (ISSN 2572-7923, eISSN 2572-7931) Special issue editor 2024.
- **Journal of Public Sector Performance Management** (InderSc)(ISSN online 1741-105X, ISSN print 1741-1041) Guest Editor : Special Issue)
- **Malaysian Journal of Medical Research** (eISSN 2550-1607) from 2017 till date.
- **Malaysian Journal of Medicine & Health Sciences** (Pertanika, UPM) (eISSN 2636-9346) (Editor : Vol 16: Supplementary 10, November 2020).
- **Malaysian Journal of Nursing** (Print ISSN: 2231-7007; e ISSN: 2462-246X) from 2010 till date.
- **Mosul Journal of Nursing (MJN)** (Print ISSN: 2311-8784; e ISSN: 2663-0311) from 2024- till date.
- **Pakistan Journal of Analytical & Environmental Chemistry** (ISSN: 1996-918X; E-ISSN:2221-5255) from October 2021.
- **People's Journal of Scientific Research (PJSR)** (ISSN 0974-6358) from 2021.
- **Research Journal of Pharmacy and Technology (RJPT)** (ISSN:0974-3618E-ISSN:0974-360X) from October 2021 from 2022.
- **The Journal of Zoology Studies**(eISSN 2348-5914)from 2016
- **University Research Resource Journal** (Jayoti Vidyapeeth Women's University) (ISSN 2581-3730) from 2018
- **Women, Midwives and Midwifery Journal** (eISSN 2775-4448) from 2021
- **Polytechnic Journal** (eISSN: 2707-7799 print ISSN: 2313-5727) from 2023
- **Kesmas: Jurnal Kesehatan Masyarakat Nasional (National Public Health Journal** (printISSN: 1907-7505, e-ISSN: 2460-0601) from 2023

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>

Edited books :

- **Proceedings of International Conference on Allied Health Sciences** (2012) edited by Dr Sandeep Poddar ISBN 978-967-10937-1-9. Published by Lincoln University College, Malaysia.
- **Ecology and Economy-- Survival of the Fittest** (2019) edited by Dr Sandeep Poddar ISBN : 978-967-16798-4-5, Published by Lincoln University College, Malaysia. <https://doi.org/10.31674/books.2019.eesf>
- **Contemporary Health Issues and Environmental Impact** (2018) edited by, Dr. Mala Bose, Dr. Soma Aditya (Bandyopadhyay), Dr. Sandeep Poddar, ISBN 978-967-10937-9-5, Published by Lincoln University College, Malaysia. <https://doi.org/10.31674/books.2018.chiei>
- **Innovative Business Practices in a V.U.C.A. World (2020)** edited by Dr. Sanjib K. Basu, Dr. Sandeep Poddar and Dr. Suanta Dutta ISBN 978-93-89657-14-2 published by St. Xaviers's College, Kolkata and Bharti Publications, New Delhi, India 2020.

- **Modern Approaches in Chemical and Biological Sciences** (2020) ISBN : 978-967-16798-7-6; doi:10.31674/book.2020.macbs, Edited by Hari Shankar Biswas, Adity Sarbajna, Sandeep Poddar, Amiya Bhaumik. Published by: Lincoln University College, Malaysia
- **Emerging Concepts in Chemical and Biological Sciences** (2020) ISBN : 978-0-6488798-0-0 ; doi:10.46977/book.2020.eccbs, Edited by Adity Sarbajna, Hari Shankar Biswas, Sandeep Poddar, Amiya Bhaumik, Chris Tisdell, Hank Haeusler. Published by: Lincoln Research and Publications Limited, Australia in Collaboration with Lincoln University College, Malaysia.
- **Sustainable Development and Informatics: Emerging Issues** (2020) ISBN : 978-0-6488798-1-7; doi: 10.46977/book.2020.sdiei, Edited by Sandeep Poddar, Debesh Bhowmik, Amiya Bhaumik, Chris Tisdell, Matthias Hank Haeusler. Published by: Lincoln Research and Publications Limited, Australia in collaboration with Lincoln University College, Malaysia.
- **Human Resource Management and Mental Health- A Psychosocial Aspect** (2021) ISBN: 978-0-6488798-3-1 & eISBN : 978-967-2819-00-4, DOI: 10.46977/book.2021.hrmmh, Edited by Sandeep Poddar, Biswabandita Kar, Sasmita Samanta, Amiya Bhaumik . Foreword by Prof. Dr. Léo-Paul Dana Published by: Lincoln Research and Publications Limited, Australia in collaboration with Lincoln University College, Malaysia.
- **Advances in Science Education** (2021) ISBN: 978-0-6488798-2-4 & eISBN : e ISBN 978-967-16798-9-0; DOI: 10.46977/book.2021.ase . Edited by Hari Sankar Biswas, Sandeep Poddar, Amiya Bhaumik. Published by: Lincoln Research and Publications Limited, Australia in collaboration with Lincoln University College, Malaysia.
- **Recent Advancement in Biological Sciences** (2021) ISBN: 978-0-6488798-6-2; eISBN: 978-967-2819-02-8; DOI: 10.31674/book.2021.rabs. Edited by: Suman Bhusan Chakraborty; Sourav Mitra; Prasanna Kumar Mondal; Sandeep Poddar; Amiya Bhaumik. Foreword by: Dr. Indranil Kar. Published by: Lincoln Research and Publications Limited, Australia in collaboration with Lincoln University College, Malaysia.
- **Recent Trend in Physical Sciences** (2021) ISBN: 978-0-6488798-5-5; eISBN: 978-967-2819-04-2; DOI: 10.31674/book.2021.rtps, Edited by: Ashutosh Ghosh, Suchandra Chatterjee, Sandeep Poddar, Amiya Bhaumik. Foreword by: Dr. Indranil Kar. Published by: Lincoln Research and Publications Limited, Australia in collaboration with Lincoln University College, Malaysia.
- **Sustainable Development: A Way Forward** (2021) ISBN: 978-0-6488798-7-9; eISBN: 978-967-2819-03-5; DOI: 10.31674/book.2021.sdwf. Edited by: Gaurav Gupta, DipasreeRoychowdhury, Harisadhan Ghosh, Sandeep Poddar, Amiya Bhaumik. Foreword by: Dr. Indranil Kar. Published by: Lincoln Research and Publications Limited, Australia in collaboration with Lincoln University College, Malaysia.
- **Therapeutics:Key to well being.** (2021). ISBN: 978-0-6488798-4-8; eISBN: 978-967-2819-01-1; DOI: 31674/book.2021.tkwb. Edited by: Tathagata Ray Chaudhuri, Adity Sarbajna, Sandeep Poddar, Amiya Bhaumik. Foreword by: Dr. Indranil Kar. Published by: Lincoln Research and Publications Limited, Australia in collaboration with Lincoln University College, Malaysia
- **Contemporary Issues in Research : Evidence & Explorations** (2022) ISBN: 978-93-91572-67-9; Edited by : Pranam Dhar, C. Paramasivan, Sandeep Poddar. Published by : Rohini Nandan, India.
- **Modern Approaches in Chemical and Biological Sciences** (2022) Vol.2 ISBN : 978-967-2819-06-6; eISBN: 978-967-2819-07-3 doi: 10.31674/book.2022.macbs, Edited by Hari Shankar Biswas, Sheikh Ahmad Izaddin Sheikh Mohd Ghazali, Sandeep Poddar, Amiya Bhaumik. Published by: Lincoln University College, Malaysia.
- **Sustainable Strategies for Economic Growth and Decent Work: New Normal** (2022) ISBN: 978-0-6488798-8-6, e-ISBN:978-967-2819-05-9, Doi:10.31674/book.2022.sseg. Edited by Ashish Kumar Sana, Bappaditya Biswas, Samyabrata Das, Sandeep Poddar. Published by: Lincoln Research and Publications Limited, Australia in collaboration with Lincoln University College, Malaysia.
- **Trends in Chemical and Biological Research(2023)**ISBN: 978-967-2819-20-2, e-ISBN:978-967-2819-21-9, Edited by Hari Shankar Biswas, Sandeep Poddar, Ravinder Nath Anisetty, Amiya Bhaumik. Published by: Lincoln University College, Malaysia.
- **Progress in Chemical and Biological Science (2023)**ISBN: 978-967-2819-22-6, e-ISBN: 978-967-2819-23-3, Edited by Hari Shankar Biswas, Dilip Kumar Maiti, Sandeep Poddar, Amiya Bhaumik. Published by: Lincoln University College, Malaysia.

- **Sustainable Disaster Management and Human Health(2023)**.edited by: Sandeep Poddar, Debajyoti Bose, Najma Memon. Published By Nova Science Publishers, Inc. USA. ISBN: 979-8-89113-127-9. <https://doi.org/10.52305/FOED7384>
- **Recent Trends in Business and Entrepreneurial Ventures (2023)**. Edited by: Syed Ahmed Salman, Sandeep Poddar, Vitalii Nitsenko. Published By Nova Science Publishers, Inc. USA. ISBN: 979-8-89113-096-8 <https://doi.org/10.52305/KZZV1105>
- **Sustainable Partnership and Investment Strategies for Startups and SMEs (2024)**. Edited by: Paul, B. & Poddar, S. IGI Global. <https://doi.org/10.4018/979-8-3693-2197-3>

Reviewer of Journals:

1. Advanced Nursing & Patient Care International Journal
2. American Journal of Case Reports
3. Animal Nutrition
4. Biomedical Engineering and Computational Biology
5. BMC Health Services Research (Springer Nature)
6. BMC Medical Education (Springer Nature)
7. Brazilian Archives of Biology and Technology
8. Current Research in Nutrition and Food Science Journal
9. Emerging Materials Research.
10. Expert systems with applications (Elsevier)
11. Genes
12. Healthcare
13. Heliyon
14. Infection, Disease & Health
15. International Journal of Environmental Research and Public Health (IJERP) MDPI
16. International Journal of human Genetics
17. International Journal of Indian Culture and Business Management
18. International Journal of Information System Modeling and Design (IJISMD)
19. Jordan Journal of Biological Sciences
20. Journal of Alzheimer's Disease
21. Journal of Circuits, Systems and Computers
22. Journal of Clinical Medicine (JCM) (MDPI)
23. Journal of Diabetes and Metabolic Disorders (Springer)
24. Journal of Information Security and Technologies (JIST)
25. Journal of Pathology & Allied Medicine
26. Journal of Public Health Research
27. Journal of Robotics and Automation
28. Journal International Journal of Innovative Practices and Applied Research
29. Kesmas: Jurnal Kesehatan Masyarakat Nasional (National Public Health Journal)
30. Malaysian Journal of Medicine and Health Sciences
31. Medical Science Monitor
32. Nutrients
33. Nutrition research
34. Pharmaceutical biology
35. Saudi Journal of Biological Sciences
36. Scientific Reports
37. Sustainability
38. The American journal of case reports
39. Walailak Journal of Science and Technology

Intellectual property (Patent):

- 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

http://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

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; Filing 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; Filing Date : 21st December 2020. Country: India Status: Published on 26th June 2022.

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; Filing 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; Filing 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: Granted

Inventors : Tulika Chakrabarti; Prasun Chakrabarti; Sandeep Poddar; Amiya Bhaumik; Applicant : Lincoln University College, Malaysia

xii) **Title : Putralone: a novel 10 α -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 : 1st June 2021; Country : Australia, Status: Granted

Inventors & Applicants : Koshariya, Ashok Kumar ; Chakrabarti, Tulika ; Hati, Ananda Shankar ; Poddar, Sandeep; Mahalingam, M. ; Chakraborty, Swarnendu Kr ; Nasreen, Shaik ; A., Daniel Das ; Reddy, Chirra Kesava ; Kumar, G. Dileep ; Chakrabarti, Prasun ; C., Karthikeyan

xiv) **Title : Production of bio-alcohol utilizing waste parts of Jackfruit**

Patent File Number : 2021103289; Filling Date : 10th June 2021; Country : Australia, Status: Filed

Inventors : Debajyoti Bose, Ruma Poddar, Asita Elengoe, Sandeep Poddar, Amiya Bhaumik, Bibi Florina Abdullah. Applicant : Lincoln University College, Malaysia

xv) **Title : Computational biology approaches towards development of substrate based drug for colorectal cancer**

Patent File Number : 2021103292; Filling Date : 10th June 2021; Country : Australia, Status: Filed

Inventors : Asita Elengoe, Sandeep Poddar, Sandeep Shrestha, Amiya Bhaumik, Tulika Chakrabarti, Ruma Poddar. Applicant : Lincoln University College, Malaysia

xvi) **Title : Sarcasm in Twitter -A C-RNN Approach**

Patent File Number : 2021104828; Filling Date : 2nd August 2021; Country : Australia, Status: Filed

Inventors : Shawni Dutta, Samir K. Bandhyopadhyay, Sandeep Poddar, Amiya Bhaumik. Applicant : Lincoln University College, Malaysia

Copyrights :

i) **Title: Video Depression and Research**

Application No.: EC00202146734; Date of Application: 14/09/2020; Registration Number: 000273117;

Creators: Rita Dwi Pratiwi, Sandeep Poddar; Type of Creation: Video Recording Works; Language: English;

Country: Indonesia; Status: Approved.

ii) **Title: Plant Leaf Disease Diagnosis, Classification and Enhancement for Discovery Accurate Shading through Color Model** ; Diary No.: 21502/2021-CO/L; Date of Application: 07/09/2021
Inventors: Tahamina Yesmin; Subhankar Joardar; Pinaki Pratim Acharjya; Pradeep N ; Tulika Chakrabarti ; Prasun Chakrabarti; Sandeep Poddar; Pradeep Laxkar; Type of Creation: Article; Language: English; Country: India.

Receipients of Award:

Best Research Advisor Award by Indian Academic Researcher Association 2019

PhD Exminer Panel Member

Acharya Nagarjuna University, Andra Pradesh, India

Bharathiar University, India

Brainware University, Kolkata India

IKG Punjab Technical University, Punjab, India

Jayoti Vidyapeeth Women's University, Jaipur, India

Kalinga Institute of Industrial Technology (KIIT University), Bhubaneswar, India

Madurai Kamraj University, India

Ponnaiyah Ramajayam Institute of Science and Technology (PRIST) Deemed to be University, Vallam Thanjavur, India.

Sir Padampat Singhania University Bhatewar Udaipur, Rajasthan, India

Sri Balaji Vidyapeeth, Pillaiyarkuppam, Puducherry, India

University of Sindh, Jamshoro, Pakistan

Vels Institute of Science, Technology & Advanced Studies (VISTAS), Chennai, India.

Universiti Malaya, Kuala Lumpur, Malaysia

Training Course undergone:

Different Techniques on Molecular Biology from 31st October 2003 to 16th December 2003, at the Genomed Laboratory of Institute of Genomics and Integrative Biology, Delhi.

Experience gained during the course of research includes :

- Leucocyte culture and karyotyping of human chromosomes
- Bone marrow chromosome preparation from animals and human.
- Study of micronuclei
- Handling of PCR and Real Time PCR
- Purification of PCR products
- DNA sequencing reaction set up and their purification
- PAGE / Agarose gel electrophoresis with Gel documentation
- RNA isolation and microarray
- Operating computer with modern softwares like MS Office, Adobe Photoshop, Lotus, SPSS, Prism etc.

Membership of scientific societies :

Life member of

- Environmental Mutagen Society of India
- Zoological Society of India, Kolkata
- Indian Dietetic Association, Bengal Chapter
- Indian Science Congress Association.
- Indian Science News Association

- Association for Prevention and Control of Rabies in India (APCRI), LM No. 745.
 - Malaysian Society for Molecular Biology and Biotechnology, Membership ID: L147
 - Fellow member of Indian Academic Researchers Association, Tiruchirappally, India (President Malaysia Chapter)
 - Fellow member of World Researchers Associations, India
- Ordinary member of
- Malaysian Society of Applied Biology (B303)
 - Founder Assistant Secretary of **Dr Tarak Nath Podder Memorial Foundation**, Kolkata, India. (www.dtnpmf.org).
 - Former Working Committee Member (2016-2020), Malaysian Bengalee Association, Malaysia.

Organizer of International Conferences/ Seminars

Organised (as *Organising secretary*):

International Conference on Allied Health Sciences; Focal Theme : Trends & impact of health professionals on society, Kuala Lumpur, Malaysia. 22-24th July, 2011.

International Seminar on Management, Economics, Business and Marketing, organized by Lincoln University College, Malaysia, 14 November 2016.

International Conference on Sustainable Environment & Healthcare (ICSEH 2019) organised by Dr Tarak Nath Podder Memorial Foundation in collaboration with Centre for Disaster Preparedness & Management, Jadavpur University, Kolkata, Chittaranjan National Cancer Institute, Kolkata, India and Lincoln University College, Malaysia, on 21st and 22nd December 2019 at Jadavpur University, Kolkata.

2nd International Conference on Sustainable Environment & Healthcare (ICSEH 2021) organised by Lincoln University College, Malaysia in collaboration with in collaboration with Sekolah Tinggi Ilmu Kesehatan Hang Tuah Surabaya, Indonesia and Dr. Tarak Nath Podder Memorial Foundation, Kolkata, India 5th & 6th June 2021(Online Mode).

Organised (as Assistant Secretary) :

National Seminar on Sustainable Environment and Healthcare organised by Dr Tarak Nath Podder Memorial Foundation in collaboration with **Department of Zoology University of Calcutta**, conjunction with World Environment Day on **5th June 2017** at Indian Science Congress Auditorium at Kolkata.

Co-Convenor:

International Seminar on Recent Advances in Environment and Healthcare Management, organized by Lincoln University College, Malaysia on 23rd January 2017.

International Conference on Healthcare and Allied Sciences organized by Lincoln University College, Malaysia on 9th and 10th November 2017.

International Conference on Recent Trends in Business and Entrepreneurial Ventures organized by Lincoln University College, Malaysia on 25th and 26th April 2018.

2nd International Conference on Healthcare and Allied Sciences organized by Lincoln University College, Malaysia on 27th 28th September 2018.

2nd International Conference on Recent Trends in Business and Entrepreneurial Ventures organized by Lincoln University College, Malaysia on 21st and 22nd February 2019.

7th International Conference on Contemporary Issues in Agriculture, Engineering, Information Technology, Life Sciences, Social Sciences & Humanities Organised by Nehru College of Management,

Coimbatore, India in Collaboration with Lincoln University College Malaysia at Aseania Hotel, Langkawi, Malaysia on 7th May 2019.

3rd International Conference on Healthcare and Allied Sciences organized by Lincoln University College, Malaysia on 24th and 25th September 2019.

International Conference on Disaster Management and Human Health Risk (ICDMHHR). organized by Lincoln University College, Malaysia on 4th March 2020. Venue : Summit Hotel Subang USJ, Malaysia

3rd International Conference on Recent Trends in Business and Entrepreneurial Ventures organized by Lincoln University College, Malaysia on 4th July 2020.

4th International Conference on Healthcare and Allied Sciences organized by Lincoln University College, Malaysia in collaboration with Visayas State University, Philippines (Virtual) on 3rd and 4th April 2021.

2nd International Conference on Sustainable Environment & Healthcare (ICSEH 2021) organised by Lincoln University College, Malaysia, in collaboration with Sekolah Tinggi Ilmu Kesehatan Hang Tuah Surabaya, Indonesia and Dr Tarak Nath Podder Memorial Foundation, on 5th and 6th June 2021, Virtual.

4th International Conference on Healthcare and Allied Sciences (ICHAS 2021) organized by Lincoln University College, Malaysia in collaboration with Visayas State University, Philippines on 3rd & 4th April 2021.

4th International Conference on Recent Trends in Business and Entrepreneurial Ventures (ICRTBEV 2021) organized by Lincoln University College, Malaysia on 27th & 28th November 2021

2nd International Conference on Disaster Management and Human Health Risk (ICDMHHR). organized by Lincoln University College, Malaysia National Centre of Excellence in Analytical Chemistry, University of Sindh, Jamshoro, Sindh, Pakistan & Sekolah Tinggi Ilmu Kesehatan Hang Tuah Surabaya, Indonesia on 18th & 19th June 2022. Virtual mode.

5th International Conference on Healthcare and Allied Sciences (ICHAS 2022) organized by Lincoln University College, Malaysia in Collaboration with Sari Mutiara Indonesia University, Indonesia & STIKES Mitra Husada, Indonesia 26th & 27th October 2022. Venue : Summit Hotel Subang USJ, Malaysia

5th International Conference on Recent Trends in Business and Entrepreneurial Ventures (ICRTBEV 2022) organized by Lincoln University College, Malaysia on September 22, 2022. Venue: Mardhiyyah Hotel & Suites, Shah Alam, Selangor, Malaysia.

3rd International Conference on Sustainable Environment & Healthcare (ICSEH 2022) Organized by : Dr Tarak Nath Podder Memorial Foundation, Kolkata, India and Centre for International Studies West Bengal State University, India in collaboration with Lincoln University, Malaysia and Association for the Prevention and Control of Rabies in India (APCRI) and eHospitals. Venue : West Bengal State University, Barasat, West Bengal India. 19th & 20th December 2022.

International Conference on Recent Advancement in Sustainable Healthcare (ICRASH 2023) organised by Lincoln University College, Malaysia, 23rd & 24th May 2023. Venue : Summit Hotel Subang USJ, Malaysia

6th International Conference on Recent Trends in Business and Entrepreneurial Ventures (ICRTBEV 2023) organized by Lincoln University College, Malaysia on 5th & 6th September 2023.

6th International Conference on Healthcare and Allied Sciences (ICHAS 2023) organized by Lincoln University College, Malaysia in Collaboration with Sari Mutiara Indonesia University, Indonesia & Mindanao State University – Iligan Institute of Technology, Philippines. 4th & 5th October 2023. Venue : Summit Hotel Subang USJ, Malaysia.

3rd International Conference on Disaster Management and Human Health Risk (ICDMHHR 2024) organised by Lincoln University College, Malaysia, 7th March 2024. Venue : Summit Hotel Subang USJ, Malaysia.