



St. Xavier's College

Dr. Camil Bulcke Path, Ranchi

Faculty Profile

Name of Faculty Member	:	Dr. Shiv Shankar Prasad
Gender	:	Male
Email ID	:	shivjibt15@gmail.com
Name of Department	:	Department of Biotechnology
Designation	:	Assistant Professor
Level of Teaching	:	Undergraduate
Academic Qualification	:	M. Tech., Ph. D., NET, GATE.
Total Teaching Experience	:	16 Years and 06 Months
UGC-NET Qualified	:	Yes

Research Papers Published:

- 1) **Shiv Shankar Prasad and Bhupendra.** Purification of Azoreductase by Newly isolated strain *Enterobacter Cloacae*. *Advances in Plant Sciences*. December, 2020 (ISBN/ISSN No.: ISSN 0970-3586): 33, 123-129.
- 2) **Shiv Shankar Prasad.** Effects of Dye Toxicity on Bacterial growth and its Kinetics. *Advances in Plant Sciences*. June, 2020. (ISBN/ISSN No.: ISSN 0970-3586): 33,131-134.
- 3) **Shiv Shankar Prasad and R. Lal.** An isolation of Biosurfactant producing Microorganism from petroleum contaminated soil. *Advances in Plant Sciences*. June, 2012 (ISBN/ISSN No.: ISSN 0970-3586): 25, 171-178.
- 4) **Shiv Shankar Prasad and K. Aikat.** Study of Bio-degradation and Bio-decolourization of azo dye by *Enterobacter* sp. SXCR. *Environmental Technology*, Taylor and Francis (France, UK) October, 2013 (ISBN/ISSN No.: doi.org/10.1080/09593330.2013.856957) Vol. 35, No. 8, 956–965.
- 5) **Shiv Shankar Prasad and K. Aikat.** Optimization of medium for decolorization of Congo red by *Enterobacter* sp. SXCR using Response Surface Methodology. *Desalination and Water Treatment*, Taylor and Francis (France, UK): June, 2013 (ISBN/ISSN No.: doi: 10.1080/19443994.2013.812525) :52, 6166–6174

- 6) **Shiv Shankar Prasad and Biosurfactant:** A Brief Introduction, *Advances in Plant Science*, December 2011, ISSN: 0970-3586, pp 439-441

Participation in UGC-HRDC Course/FDP/OC/RC:

- 1) Two-day faculty training workshop on “**Functional Nano-Bio Materials (FNBM-2023)**” held on 27th and 28th March 2023 at Birla Institute of Technology, (BIT) Mesra, Ranchi.
- 2) UGC- Sponsored Refresher Course in **Life Science** at UGC-ASC, Ranchi University, Ranchi from 3rd Sep 2021 to 16th Sep 2021 and obtained grade ‘A’.
- 3) A Training courses on “**SERC School on Nonlinear Programming and Soft computing Techniques for Chemical Engineering**” (Sponsored by MHRD/AICTE under staff development programme) at Department of Chemical Engineering, National Institute of Technology, Durgapur from 12th December to 16th December, 2011 (Duration: one week).
- 4) UGC-Sponsored 62th Orientation Programme at UGC-ASC, Ranchi University, Ranchi from 10th Jan 2011 to 6th Feb 2011 and obtained grade ‘A’.
- 5) A Training courses on “**Winter School on Advance process Modelling and Control**” (Sponsored by MHRD/AICTE under staff development programme) at Department of Chemical Engineering, National Institute of Technology, Durgapur from 19th Jan to 30th Jan 2009 (Duration: Two weeks)

Seminar/Conference attended/Paper Presented (National/International):

- 1) Presented a research paper on entitle “**Enhanced Production of Exopolysaccharide by Newly isolated Microbes**” in three days international Conference on 1st International Conference on Advances in Novel Material: Towards Sustainable Future held on 20th to 22nd January, 2024, organized by Department of Physics, St. Xavier’s College, Ranchi.
- 2) Presented a research paper on entitle “**Mussel feed preparation: A vital step in freshwater pearl culture technology**” in the international Conference on Environment, Aquaculture and Sustainable Agriculture at St. Xavier’s College, Ranchi from 22nd to 24th September, 2023.
- 3) Presented a research paper on entitle “**Biodegradation of Synthetic Dyes**” in Two-day National Conference (Multidisciplinary) and Symposium on Climate Change: Challenges and Opportunities organized by IQAC and University Department of Zoology, Ranchi University, Ranchi on 25th and 26th May 2023.

- 4) Presented a research paper on entitle **"Biodegradation of E-Waste"** on Interdisciplinary international conference on Emerging Sustainable Technologies, Polices and Methodologies (IICESTPM-2023) held on 12th and 13th May, 2023 and organized by Marwari College, Ranchi.
- 5) Presented a research paper on National Conference of entitle **"Global Warming, Climate change and pollution: Their impact on Biodiversity and Human Welfare"** held on 21st November to 23rd November, 2021, organized by Department of Botany, DR. Shyama Prasad Mukherjee University, Ranchi.
- 6) Presented a research paper on entitle **"Degradation of synthetic azo dye by using Microorganism"** on UGC Sponsored National Seminar on Integrative Development, Environment Concerns and Social Change organized by Department of Geography, St. Xavier's College, Ranchi on 23rd and 24th September, 2016.
- 7) Presented a research paper on entitle **"Decolorization of potential of newly isolated strain *Enterobacter Cloacae*"** on A National conference on Material Science for Energy Harvesting by Department of Physics, Jubilee College, Bhurkunda, Ranchi from 08th and 09th January, 2015.
- 8) Participate on Two days' workshop on **Young Graduate for Leadership in Biotechnology-2012** at Centre of Biotechnology, Siksha 'O' Anusandhan University, Bhubaneswar, Odisha from 3rd and 4th February, 2012.
- 9) Presented a research paper on entitle **"Environmental Significance of *Enterobacter Cloacae* strain R10-01 A in dye degradation"** on National Symposium on Assessment and Conservation of Forest Genetic Resources through Biotechnological interventions on Institution of Forest Productivity, Ranchi from 19th and 20th December, 2011.
- 10) Presented a research paper on National Conference of entitled **"Global Warming and Environmental Conservation"** at Marwari College, Ranchi from 28th February and 1st March, 2011.
- 11) Presented a research paper on entitle **"An approach for enhanced production of Biosurfactant"** on international symposium on Recent Advances in Cross-disciplinary Microbiology: Avenues and Challenges organized by Birla Institute of Technology, Mesra, Ranchi from 14th to 17th December, 2010.
- 12) Presented a research paper on entitle **"Role of Biosurfactant in Polycyclic Aromatic Hydrocarbon (PAH) degradation"** in two days National Conference on 'Biotechnology and Environment' held at National Institute of Technology, Durgapur from 4th and 5th October, 2010.

- 13) Participated in The National Workshop on **“Modelling and Simulation of Biological Processes.”** Department of Biotechnology, National Institute of Technology, Durgapur from 28th July to 1st August, 2008.
- 14) Participate on One day Seminar on **Molecular Dynamics** at West Bengal University of Technology, Kolkata on 28th March, 2008.

Guest Lecture/Special Lecture Delivered:

- 1) Inviting as Resource Person in Guru-Dakshata the 18th Faculty Induction Programme of the topic **“Intellectual Property Right (IPR)”** being conducted in the online mode w.e.f. 02.09.2023 to 29.09.2023 for enhancing the professional competence of College/University teachers at Office of the Director, UGC-Human Resource Development Centre, Morabadi campus, Ranchi university, Ranchi – 834008 (Jharkhand).

Any Special Award/Achievement:

- 1) Appointed as a chaired session in XXX APSI Scientist Meet 2021 and on National Conference of entitle **“Global Warming, Climate change and pollution: Their impact on Biodiversity and Human Welfare”** held on 21st November to 23rd November, 2021, organized by Department of Botany, DR. Shyama Prasad Mukherjee University, Ranchi.
- 2) Appointed as **‘observer’** in Central Teacher Eligible Test (CTET) examination held in the month of July 07, 2019 at Patna zone B.

[Dr. Shiv Shankar Prasad]