



Dr. Sushil Kumar

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Road No.-11, Ashok Nagar, Kankarbagh,
Patna 800020

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Educational Qualifications

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| • Doctor of Philosophy (Ph.D.) in Physics, M.U. Bodh Gaya | 2008 |
| • Master of Sciences (M.Sc.) in Physics, M.U. Bodh Gaya | 2003 |
| • Bachelor of Sciences (B.Sc.) in Physics, M.U. Bodh Gaya | 1999 |
| • Intermediate (Science), B.I.E.C. | 1995 |
| • Matriculation, C.B.S.E. Board | 1992 |

Technical Training & Courses

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| • Online Marketing Fundamentals Qualification , Issued by Google. | 2018 |
| • Technology Management Program on Information Technology
Duration: 3 months. Institutes for Entrepreneurship Development (IED), Bihar.
Sponsored by the Department of Scientific and Industrial Research, GOI. | 2005 |
| • Skill Development Training in Repair & Maintenance of Computer Hardware
Duration: 3 months. Institutes for Entrepreneurship Development (IED), Bihar.
Sponsored by the Department of Scientific and Industrial Research, GOI. | 2005 |
| • Diploma in Information Technology
Centre for Electronics Design & Technology of India (CEDTI), New Delhi. | 2005 |

Teaching Experience

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| • Assistant Professor, Department of Physics
Ram Krishna Dwarka College, Patliputra University, Patna. | 27-01-2025 to Present |
| • Lecturer (Contract)
Shiv Prasad Singheshwar Mahavidyalaya, Jafrabad, Vaishali. | 01-11-2017 to 31-10-2020 |
| • Assistant Professor (Contract)
Nalanda College of Engineering, Chandi, Nalanda.
➤ Additional Responsibility: Assistant Examination Controller | 20-03-2015 to 31-07-2016 |
| • Assistant Professor (Contract)
Nalanda College of Engineering, Chandi, Nalanda. | 01-11-2013 to 27-10-2014 |

Publications

- **Small Scale Power Generation in Remote Rural Areas**, International Journal of Advance Research and Innovative Ideas in Education, Volume 6, Issue 5, 2020.
- **Some Studies of Relaxation Rate of Superfluid ^3He** , International Research Journal of Modernization in Engineering Technology and Science (IRJMETS), Volume 2, Issue 9, September 2020.
- **Some Studies of Shear Viscosity of Superfluid He-3**, Published in IJRAR (UGC Approved, Journal No: 43602, Impact Factor: 5.75), Volume 6 Issue 2, June 2019.
- **Some Studies on Thermal Conductivity of Superfluid He-3**, Published in IJRAR (UGC Approved, Journal No: 43602, Impact Factor: 5.75), Volume 6 Issue 2, April 2019.
- **Mechanism of Soil Water Absorption and Conduction by Plant**, Journal of Soil and Water Conservation, Vol. 8 No.-3, PP 55-58, 2009.

Seminars

- **Grow, Nourish, Sustain Together – Our Actions Are Our Future**, supported by NABARD, Organised by Bihar State Productivity Council, Patna, India (October 16, 2020).
Article Published:- "**Growth, Nourish, Sustain, Together**"

Workshops

- **INUP (IISC Bangalore) Familiarisation Workshop on Nano Fabrication Technologies**, IIT Patna (8-9 October 2015).
- **Firefox Workshop – Spoken Tutorial Project**, IIT Bombay (26 June 2014), covering Secure-by-Design network concepts.
- MHRD Sponsored Workshop on **Awareness of National Mission on Education Technology through ICT (NMEICT)**, NIT Patna at Patna Women's College (17-18 January 2014).

Professional Affiliation

- **Lifetime Member, Bihar Productivity Council**

Science communication & Community outreach

- YouTube Channel: "**DIY REPAIRS**" – Creator of educational videos on physics-related DIY electronics and repairs, aimed at making science accessible to a broader audience.
<https://www.youtube.com/@diyrepairs>

Sushil Kumar
17.02.2025