

Dr. S.P. Tiwari

Professor

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Academic Qualification

- Ph.D., BHU, Varanasi, 2005.
- M.Sc., Dr. R.M.L. Avadh University, Faizabad, 2000.

National Level Test

- Qualified Graduate Aptitude Test for Engineering (GATE), 2003.
- Qualified NET (CSIR-UGC) Examination 2002.

Employment Details

- Professor, IIT(ISM) Dhanbad (12.04.2021-till date).
- Associate Professor, IIT(ISM) Dhanbad (12.09.2010-11.04.2021).
- Assistant Professor, IIT(ISM) Dhanbad (12.09.2007-11.09.2010).
- Lecturer, G.L.B.I.T.M., Greater Noida (19.07.2005- 10.09.2007).

Research Interest

- Topology, Category Theory and Fuzzy Automata Theory.

Research Credentials

- No. of published research papers: 82
 - Journals: 67
 - Proceedings: 15
- No. of Ph.D's guided: 13.

Project Guidance

- M. Tech (Mathematics & Computing): 15
- M. Sc. (Mathematics & Computing): 30

Sponsored Projects

- DST SERB Project in Mathematical Sciences under MATRICS (Duration: February, 2020-February, 2023).
- DST SERB Project in Mathematical Sciences (Duration: September, 2018-August, 2021).
- DST FIST project for Department of Applied Mathematics (Duration: April, 2013-March, 2018).
- CSIR Major Project in Mathematical Sciences (Duration: May, 2010-April, 2013).
- ISM Minor Research Project (Duration: July, 2008 - June, 2010).

NPTEL course

- Offered NPTEL course on Essentials of Topology

**Organized
Training
Programmes &
Conferences**

- **GIAN courses sponsored by MHRD**
 - Coordinator, course on “Insight into Fuzzy Modeling: Reasoning in Fuzzy Natural Logic and its Applications”, October 23-27, 2017 (Speaker: Prof. Vilem Novak).
 - Coordinator, course on “Inverse problems in fuzzy approximation spaces with applications in computer vision”, October 23-27, 2017 (Speaker: Prof. Irina Perfilieva).
- **Courses sponsored by DST**
 - Coordinator, Training program on Mathematical Methods with Applications, March 14-20, 2023.
 - Coordinator, STUTI on Mathematics for Machine Learning, September 19-25, 2022.
 - Coordinator, INSPIRE Internship Camp, December 15-19, 2015.
 - Coordinator, Undergraduate Training Programme in Linear Algebra and Analysis, May 28-June 6, 2012.
- **MTTS Camp**
 - Local Coordinator, Level O camp of the Mathematics Training and Talent Search (MTTS) Programme, May 29-June 24, 2023.
 - Local Coordinator, InitMath Camp, February 19-24, 2024.
- **Conferences**
 - Organizing Secretary, 80th Annual Conference of the Indian Mathematical Society, December 27-30, 2014.
 - Organizing Secretary, National Conference on Recent Advances in Mathematics and its Applications, February 14-16, 2013.

**Professional
Recognition**

- Board Member, European Society for Fuzzy Logic and Technology, 2017-2021.
- Council Member, Indian Mathematical Society.

Membership

- Life Member of Indian Mathematical Society.
- An Affiliate Member of American Mathematical Society.
- Member of European Society for Fuzzy Logic and Technology.
- Member of International Rough Set Society.

Responsibilities at IIT(ISM)

• Current Responsibilities

- Chairperson, Time-Table Core Committee.
- Convener, DPGC.

• Past Responsibilities

- Dean (Administration), 2021-2022.
- Dean Administration (Acting), 2020-2021.
- Associate Dean (Hostel Management), 2018-2022.
- Member, Academic Review Committee.
- Convener, DUGC.
- Secretary, DAC.
- Member, DFSC
- Member, Health Centre Purchase Committee.
- Member, House Allotment Committee, 2014-2016.
- Assistant In-charge, M. Tech/ M Phil Admission 2009-2010.
- Member, M. Tech/ M Phil Admission Committee 2013.
- Member, M. Tech. Admission Committee, 2014-2016.
- Member, M.Sc./M. Sc. Tech Admission Committee 2017.
- Member, Research Council.
- Warden, Coordinating Foreign Students, 2014-2018.
- Course Coordinator, Students sponsored by Ministry of Islamic Republic of Afghanistan, 2013-2018.
- Faculty In-charge (T&P), 2014-2018.
- Course Coordinator, Integrated M. Tech (M&C), 2014-2018.
- Course Coordinator, Integrated M. Sc. (M&C), 2010-2013.
- Member, Moderation Board.
- Member, DRC.
- Member, IIT(ISM) Industry Institute Interaction Facility, New Delhi.

Reviewer's

- Fuzzy Sets and Systems (Elsevier Sciences).
- IEEE Transactions on Fuzzy Systems.
- Information Sciences (Elsevier Sciences).
- Soft Computing (Springer).
- International Journal of Approximate Reasoning (Elsevier Sciences).
- International Journal of Computational Intelligence Systems.
- The Journal of the Indian Mathematical Society.
- Mathematics Student.
- International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems (World Scientific).

- IEEE Transactions on Systems, Man, and Cybernetics-Part A: Systems and Humans.
- Computers & Mathematics with Applications (Elsevier Sciences).
- Knowledge-Based Systems (Elsevier Sciences).
- Journal of Applied Mathematics and Computing (Springer).
- International Journal of Machine Learning and Cybernetics (Springer).
- Iranian Journal of Fuzzy Systems.
- International Journal of Computing Science and Mathematics.
- African Journal of Mathematics and Computer Science Research.