



Dr. Tarun Dhar Diwan

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Sarkanda, Bilaspur (C.G.)

Assistant Professor

*Govt. E. Raghavendra Rao P.G. Science College, Bilaspur
Higher Education of Chhattisgarh, Raipur*

Education Qualification

- ***Ph. D - Computer Science and Engineering***
- ***M. Tech. - Computer Science and Engineering***
- ***M. Phil. - Information Technology***
- ***MBA - Human Resource Management***
- ***LLB***

Academic Experience

- ***Assistant Professor***
Govt. E. Raghavendra Rao P.G. Science College | 2014 - Present
Head of the Department
- ***Assistant Professor***
Dr. CV Raman University | 2012 - 2014
HoD - Engineering
M. Tech. Coordinator

Administrative & Other Experience

- ***State Level Master Trannier - Chhattisgarh State Election Commission***
 - ***Assistant Director - IGNOU***
 - ***Assistant Controller (Exam Cell)***
 - ***Nodal Officer (Bilaspur) - Election Commission***
 - ***Master Tranner - Chhattisgarh State Information Commission***
 - ***Observer & Assistant Coordinator (Bilaspur) - CGPSC / Vyapam***
 - ***Programme Officer - NSS***
 - ***Associate NCC Officer - NCC***
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Patent Published and Grant (Indian & Foreign)

- **Government of India Patent- 202021036252, "IoT Based Smart Garbage Monitoring and a Method There Off", Patent Filed: 22 August 2020, Patent Published - 25 September 2020.**
- **Government of India Patent- 202141008884, "Artificial Intelligence and Big Data Analytics Based Insurance Service Fraud Detection System", Patent Filed: 03 March 2021, Patent Published - 12 March 2021.**
- **Government of India Patent- 202131027969, "Autonomous Seam Welding Machine", Patent Filed: 22 June 2021, Patent Published- 16 July 21.**
- **Australia Patent- 2021101568, "Artificial Intelligence and Big Data Analytics-Based Insurance Service Fraud Detection System", Patent Filed: 26 March 2021, Patent Granted - 14 April 2022.**
- **Government of India Patent- 346524001, "Portable Camera Holder", Patent Filed: 21 July 2021, Patent Published and Grant: 08 October 2021.**
- **Government of India Patent- 356273001, "A Laptop Stand", Patent Filed: 06 January 2022, Patent Published and Grant: 25 January 2023.**
- **Government of India Patent- 202131045555, "Two-wheeler Anti-theft Alarm", Patent Filed: 06 October 2021, Patent Published: 12 November 2021.**
- **Government of India Patent- 202231038167, "A LOCKING DEVICE", Patent Filed: 02 July 2022, Patent Published - 19 August 2022.**
- **Government of India Patent- 202231000995, "A METHOD AND SYSTEM FOR AUTOMATIC SEAM WELDING", Patent Filed: 07 January 2022.**
- **Government of India Patent- 202231053196 A, "Multiple Medicine Dispenser system" Patent Filed: 17-September-2022, Patent Published - 23 September 2022.**
- **Government of India Patent- 202221066569, "A Method for Automatic Storage of Blocks in Block Chains with Cloud Computing" Patent Filed: 19 November 2022, Patent Published - 25 November 2022.**
- **Government of India Patent- 202331014940 A, "Water Pump Safety for Agricultural Water Pump" Patent Filed: 06-March-2023, Patent Published - 10 March 2023.**
- **Government of India Patent- 202231062876." A Referencing System for Linear Welding Automation", Patent Filed: 03 November 2022.**
- **Government of India Patent."Artificial Intelligence and IoT based Smart Agriculture Management (SAMS) using Machine Learning Algorithms", Patent Filed.**

Books

- **"Understanding Machine Learning for Future Technology and Innovation", INSC_IPH Publication.**
- **"OOPS and Programming in C++" PSSOU, C. G., Pragma Publication.**
- **"PC Packages" PSSOU, C. G., Pragma Publication.**
- **"Advanced Computer Networks", INSC_IPH Publication.**
- **"Artificial Intelligence: A Modern Practical Approach", INSC_IPH Publication.**
- **"Rastriya Siksha Neeti (राष्ट्रीय शिक्षा नीति)" - INSC_IPH Publication.**
- **Easy To Understand National Education Policy - INSC_IPH Publication.**
- **Right to Information Act 2005 - INSC_IPH Publication.**
- **"THE INTERNET OF THINGS" - INSC_IPH Publication.**

Awards

- **Gold Medalist in Post Graduation**
 - **Gold Medalist in M. Phil.**
 - **Four Best Research Paper Award**
 - **Best Research Paper Presentation Award**
 - **Young Scientist Award**
 - **Excellent District And State Level Master Trainer Award 2020-21**
 - **Excellent District And State Level Master Trainer Award 2021-22**
 - **Excellent District And State Level Master Trainer Award 2022-23**
 - **Excellent SVEEP Nodal Officer Award**
 - **Best NSS officer Award by Atal Bihari Vajpayee Vishwavidyalay**
 - **Best Nodal Officer Award By Chhattisgarh Rajya Yuva Ayog**
 - **Best Awareness Award For Drug Abuse by District Administration**
 - **Admirable Scientist Award By VDGGOODS International Scientist Awards**
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Member

- **International Association of Computer Science and Information Technology**
Member-No: 80344978
 - **International Association of Engineers**
Member-No: 115374
 - **American Business Management & Technology, USA**
Member-No: AIMT/RM/2021/104
 - **IEEE Member.**
 - **Board of Study, Academic Council - Atal Bihari Vajpayee Vishwavidyalay.**
 - **Board of Study, Academic Council - Govt. E. R. R. P.G. Science College.**
 - **Board of Study - Govt. V.Y.T. Post Graduate Autonomous College.**
 - **It & digital cell - Atal Bihari Vajpayee Vishwavidyalay.**
 - **Board of Study - Rajiv Gandhi Govt. P.G. College, Ambikapur.**
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Research Paper Publications

- **75 Research Paper published in International Journal Publications (SCI, ESCI, SCOPUS, Web Of Science, UGC)**
- **26 Research Paper Presented in International Conferences(India, USA, Singapore, Mauritius, Australia).**
- **32 Research Paper Presented at National Conferences.**
- **FDP & Workshop - 24.**
- **5 Book Chapter Publication in CRC, Banathum, Elsevier,**