



Achal Kumar

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Qualification	:	Ph.D. (Pursuing)
Department	:	CSE
Experience (Academics/Industry/Research)	:	18 Years
Area of Interest	:	1. Theory of Computation 2. Design & Analysis of Algorithms 3. AI & Machine Learning 4. Cryptography & Network Security
Ph.D. Supervised	:	--
Ph. D. supervising	:	--
B.Tech. Projects supervised	:	26
Sponsored Research Project /Consultancy	:	-
PI in DST sponsored International joint Project	:	-
Research Publications	:	Journal 02 Patent 01 Conference 01 Book Chapters -

Recent Publications & Conferences-

1. Patent Publication - “I-Neuro: Efficient IOMT based Seizure Detection based on Machine Learning” Publication date 24/12/2021, **Application no 202111052089 A**
2. Research Paper on “A Survey of Energy Efficient Routing Protocols for Wireless Sensor Networks” in Journal of Emerging Technology and Emerging Research(JETIR) December 2018, ISSN 2449-5162, Volume5, Issue 12.
3. Research paper on “Information Security using Color Image Watermarking” in MATRIX Academic International Journal online journal of Engineering & Technology (MAIOJET) in April 2014 Edition Volume 02, Issue.
4. Workshop on “Wipro Mission10X” conducted at Anand Engineering College, Agra from 27th February to 03 March 2012.
5. Workshop on “Open Source GIS Solution for GIO Spatial Domain” at Hindustan Institute of Technology & Management, Agra from 2-3 Nov. 2012
6. Workshop in the Indo-US Advanced School on “Quantum & Nano Computing Systems & Applications” held at Dayalbagh Educational Institute, Agra from December 11-14, 2008
7. Faculty Development Program FDP 101x & FDP 201x on Foundation Program in ICT for Education by IIT Bombay from 13-09-2018 to 13-12-2018.
8. Five days Online Faculty Development Programme on "Role of Academic Leadership in meeting Institutional Challenges" sponsored by AKTU held on Feb 10-14, 2021 by Hindustan Institute of management & computer Studies, Farah Mathura.

Achievements

NPTEL Certifications	:	<ol style="list-style-type: none"> 1. Machine Learning from NPTEL(IIT Madras) 2. Theory of Computation from NPTEL(IIT Kanpur) 3. Artificial Intelligence Certification in Machine Learning from Huawei Certification in 2021 4. Faculty Development programme on Cyber Security by E & ICT Academy IIT Kanpur 20/02/2023 to 24/02/2023.