**Faculty Profile**



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**Designation**: Assistant Professor, Faculty of Science and Technology, ICFAI University, Raipur

**Teaching Areas:** .Net, ASP.Net, C#.Net, Machine Learning, Artificial Intelligence, Blockchain, Cloud Computing, Cyber Security, Computer Networks.

**Research Interests:** Machine and Deep Learning, Blockchain Technology, Cyber Security, Networks Technology.

**Education:**

* PhD in Computer Science & Engineering, Sunrise University, 2022.
* M.Tech. in Information Technology, A.A.I.(SHUATS) University, Allahabad, U.P., 2008.
* M.Sc.(IT), Bhoj University, Bhopal, M.P., 2003.
* B.Sc.(Maths), Guru Ghasidas University, Bilaspur, C.G., 1999.

**Patents: 03**

**Research / Selected Publications: 29 (Scopus: 05, UGC Care: 12, Peer Review: 12)**

* **Ramesh Kumar Yadav** (2024). “Secrecy Diversity Analysis for Physical-Layer Security of Wireless Sensor Networks”, Journal of Electrical Systems (JES), (Scopus).
* **Ramesh Kumar Yadav** (2024) “Prediction of Tuberculosis Disease Progression with AI Analysis of Clinical Data”, 1st International IEEE Conference - International Conference on Artificial Intelligence for Innovations in Healthcare Industries (ICAIIHI-2023), IEEE digital xplore <https://doi.org/10.1109/ICAIIHI57871.2023.10489091>. (Scopus).
* **Ramesh Kumar Yadav** (2023) “Natural Language Processing in Artificial Intelligence: Enhancing Communication and Understanding”, Journal of Advanced Zoology ISSN: 0253-7214, Volume 44 Issue S-2, Page 3808:3818, (Scopus).
* **Ramesh Kumar Yadav** (2023). “Identification of Medical Outliers with the use of Machine Learning”. International Journal of Scientific Methods in Intelligence Engineering Networks (IJSMIEN), ISSN: 2583-8113, Volume-1, Issue-7, PP: 23-30.
* **Ramesh Kumar Yadav** (2023). “Detecting Fake Faces with AI: A Deep Neural Network Improvement Project”. International Journal of Scientific Methods in Engineering and Management (IJSMEM), ISSN: 2583-8113, Volume-1, Issue-4, PP: 39-48.
* **Ramesh Kumar Yadav** (2023). “Pressure sensor diaphragm modelling and deformation analysis”. International Journal of Scientific Methods in Engineering and Management (IJSMEM), ISSN: 2583-8113, Volume-1, Issue-3, PP: 1-8.
* **Ramesh Kumar Yadav** (2021). “Futuristic approach on Blockchain for the IOTs.” International Journal of Innovative Research in Technology (IJIRT), [UGC approved (Journal no: 47859](https://ijirt.org/ijirt-ugc-approval.pdf)), ISSN: 2349-6002, IF - 7.376, Volume 8 Issue 3.