

FACULTY PROFILE

❖ **NAME :**Dr. Mudresh Mohan Tripathi

❖ **DESIGNATION:** Lecturer

❖ **QUALIFICATION:** PhD, M.Tech, Btech

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❖ **RESEARCH INTERESTS:** Cloud Computing, IOT, Artificial Intelligence, Machine Learning.

❖ **TEACHING AREAS:** Programming Concept, Computer Network, Cloud Computing

❖ **PUBLICATIONS:**

- A New Approach of Assembly Line Balancing using Rank Positional Weight Method coded in C++ in International Conference on Industrial Engineering at S.V. National Institute of Technology, Surat, India.
- Cloud Computing based Smart City: Analysis and Design.
- Enhancing Urban Sustainability through Iot And Cloud Technologies: Insights From Smart Agricultural and Water Quality Monitoring.
- Research paper titled “Detecting Node Mobility between DSR and DSDV Routing Protocols” is presented at TEQIP-II assisted International Conference RTEECE-16 at BIET Jhansi.
- Green Computing -New Horizon of Energy Efficiency and E-Waste Minimization – World Perspective vis-à-vis Indian Scenario a National Conference organized by ESHAN Engg. College Mathura.
- Presented a paper on “Protocol Independent Multicast Pricing” in ‘Cyber Uththan’ a National Conference organized by CSI & IETE at SRGI Jhansi.

❖ **WORKSHOP/FDP:**

- STC on “Android Application Development” at I.R.D.T. from 04-09 October 2024.
- STC by Infosys Springboard at A.K.T.U. from 26-28 August 2024.
- FDP on “Cyber Security” at Delhi University from 04-08 March 2024.
- Faculty Induction Training at JD office from 04-08 December 2023.
- A five days Faculty Development Program on “Communication, Control & Networking” from 19-23 February 2018 at BIET Jhansi.
- A five days Faculty Development Program on “Climate Change and Disaster Management through ICT” from 03-07 October 2016 at NITTTR Chandigarh.
- A five days Faculty Development Program on “LabVIEW and its Application” from March 28-April 01, 2016 at BIET Jhansi.
- A five days Faculty Development Program on “Signal & Image Processing” from 18-22 July 2016 at BIET Jhansi.
- A five days Faculty Development Program on “Advances in Microwave Engineering” from 02-06 May 2016 at BIET Jhansi.
- A five days Faculty Development Program on “Innovative Research In Science, Engineering, Technology And Management” from 21-25 March 2017 at BIET Jhansi.
- A two days workshop on “Choice Based Credit System (Cbcs) In UG & PG Programs” at BIET Jhansi.
- A two days workshop on “Advanced Mathematical and Computational Methods In

Engineering” at BIET Jhansi.

- A five days workshop cum faculty development program” Mission 10X”organized by Wipro Technologies Bangalore.
- Workshop on "Ethical hacking and Information Security" conducted by Karyion Technology Pvt.Ltd.
- One day workshop on Java & .Net Technologies organized by CETPA Technologies Noida.
- Two day workshop on ANDROID Technologies organized by CETPA Technologies Noida.
- One day workshop on HTML5 AND WEB APPLICATION organized by Tata-CMC Technologies Noida.

❖ **Extracurricular Activities:**

- Worked as AICTE portal Member.
- Worked as Center observer in JEECUP exams.
- Worked as college level NBA committee Member.
- Worked as Member of computer & hardware maintenance committee.
- Worked as JEECUP helpdesk Member.
- Worked as Member of Polytechnic Chalo Abhiyan Committee.