

AI Insights

Centre For Artificial Intelligence



Departmental Newsletter: October to December 2023

Editorial Members:

- Prof. Dr. Manjaree Pandit, Professor In-Charge, Centre for Artificial Intelligence
- Dr. Rajni Ranjan Singh Makwana, Coordinator, Centre for Artificial Intelligence

Faculty Coordinator's:

- Dr. Tej Singh, Assistant Professor, Centre for Artificial Intelligence
- Dr. Pawan Dubey, Assistant Professor, Centre for Artificial Intelligence

Student Members:

- Sneha Agarwal (IT-AIR, 3rd Year), Priyanshu (IT-AIR, 3rd Year)

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1. Award/Prize/ Recognition by Faculty Members

- **Dr. R.R. Singh Makwana**, recognized as Top 5 % topper category in NPTEL course on “Cyber Security and Privacy” from IIT Madras for July- December 2023.
- **Dr. Vibha Tiwari**, received two recognition as "NPTEL Star" - NPTEL ENTHUSIASTS and NPTEL BELIEVERS from IIT Madras for July-December 2023.



2. Talk delivered outside the Institute

- Dr. Tej Singh delivered an expert Talk on "IoT-based Product Development" organized by REC, Mainpuri, U.P, India on October 17th-21st, 2023.



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3. FDP/STC attended (Outside the institute)

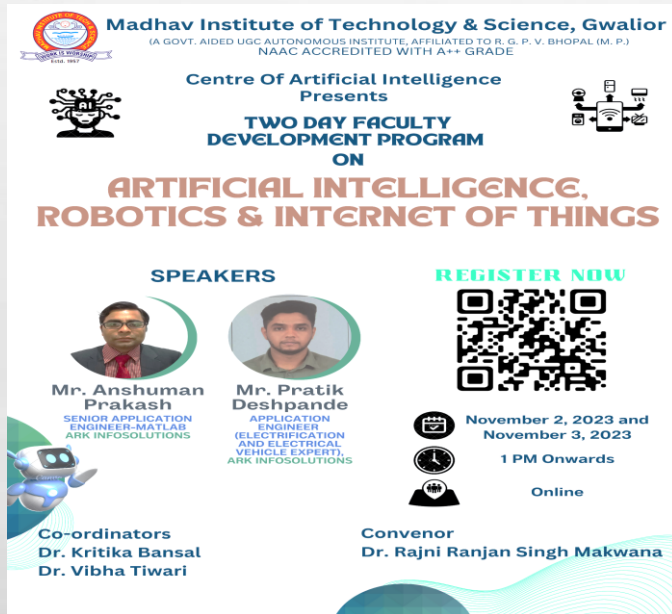
- **Dr. Tej Singh**, attended one week of online AICTE-FDP on “**AI Evolution: From Foundations to Generative AI**”, under Tech Saksham Program from 11th-15th December 2023.



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4. Activities Organized (Workshop/Conference/FDP/STC) at the Institute level

- **Dr. Vibha Tiwari and Dr. Kritika Bansal** have organized a Two-day online faculty development program on “Artificial Intelligence, Robotics, and the Internet of Things”, on 2-3 November 2023.



Madhav Institute of Technology & Science, Gwalior
(A GOVT. AIDED UGC AUTONOMOUS INSTITUTE, AFFILIATED TO R. G. P. V. BHOPAL (M. P.)
NAAC ACCREDITED WITH A++ GRADE)

Centre Of Artificial Intelligence
Presents

**TWO DAY FACULTY
DEVELOPMENT PROGRAM
ON**


**ARTIFICIAL INTELLIGENCE,
ROBOTICS & INTERNET OF THINGS**

SPEAKERS

**Mr. Anshuman
Prakash**
SENIOR APPLICATION
ENGINEER-MATLAB
ARK INFOSOLUTIONS

**Mr. Pratik
Deshpande**
APPLICATION
ENGINEER
(ELECTRIFICATION
AND ELECTRICAL
VEHICLE EXPERT),
ARK INFOSOLUTIONS

REGISTER NOW



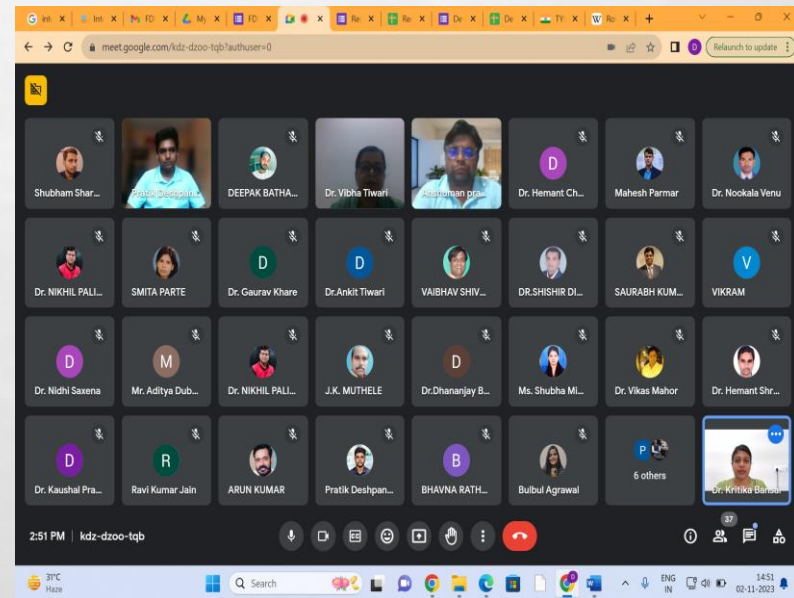
**November 2, 2023 and
November 3, 2023**

1 PM Onwards

Online

Co-ordinators
Dr. Kritika Bansal
Dr. Vibha Tiwari

Convenor
Dr. Rajni Ranjan Singh Makwana



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5. NPTEL/ATAL/COURSERA/INTERNSHALA Course Attended by the Faculty

- **Dr. R.R Singh Makwana**, completed one NPTEL-AICTE FDP courses on Cyber Security and Privacy with Elite+Silver Category from IIT Madras, India, July to December 2023.
- **Dr. Vibha Tiwari**, completed five NPTEL-AICTE FDP courses: (1) Learning Analytics Tools Awarded Topper and Elite+silver. (2) Introduction to Machine Learning: IITKGP, Elite+silver. (3) Accreditation And Outcome Based Learning Elite+silver (4) Corporate Social Responsibility, Elite. (5) Computer Architecture, Elite in July-December 2023.
- **Dr. Tej Singh**, completed Two NPTEL AICTE FDP courses: (1) Introduction to IIoT 4.0, and (2) Cyber Security and Privacy with Elite Category from IIT Madras, India, from July to December 2023.

- **Dr. Neelam Arya**, completed NPTEL-AICTE FDP courses on Fundamentals of Artificial Intelligence organized by IIT Kharagpur with Silver+Elite in December 2023.

6. Publications SCI/UGC/SCOPUS with DOI number

1. **Dr. Vibha Tiwari et al.**, *“Optimizing Antibiotic Prescriptions and Infectious Disease Management in Hospitals using Neural Networks”*, Journal of Advanced Zoology, DOI: 10.17762/jaz.v44is-5.1531, PP 1895:1903 (Scopus)(wos)
2. **Dr. Vibha Tiwari et al.**, *“Stylometric Analysis of Genre in Hindi Literature”*, International Journal on Recent and Innovation Trends in Computing and Communication”, PP 2674-2680. (Scopus)
3. **Dr. Vibha Tiwari et al.** *“Machine Learning-Enhanced Decision Support for Neurological Disorders Management in Healthcare Tuijin Jishu”*, Journal of Propulsion Technology, DOI: 10.52783/tjjpt.v44.i4.1593, PP 3966-3974 (Scopus)
4. **Tej Singh et al.**, "Restructuring of Solid Waste Management for the Indian Context", in 11th International Conference on Advancements in Engineering and Technology (ICAET-2023) on 23rd & 24th, November 2023. (Scopus)