

AI Insights

Centre For Artificial Intelligence



Departmental Newsletter: July to September (2023)

Editorial Members:

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

Faculty Coordinator's:

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

Student Members:

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

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1. FDP/STC attended (Outside the institute)

- **Dr. Kritika Bansal** attended a 6 weeks live online industrial training on “Embedded Systems with Robotics and IoT using AWS” from June 26, 2023 to August 4, 2023 organized by EduLakes Solution LLP in association with NSS-IIT Roorkee.
- **Dr. Kritika Bansal** participated in Faculty Enablement Program on Generative AI on Citizen Data Science by Infosys from July 31, 2023 to September 26, 2023 and completed the following certifications:
 - a. Citizen Data Science using Python Certification.
 - b. Principles of Generative AI Certification.
 - c. Applied Generative AI Certification.
- **Dr. Anshika Srivastava** attended a 6 weeks live online industrial training on “Embedded Systems with Robotics and IoT using AWS” from June 26, 2023 to August 4, 2023 organized by EduLakes Solution LLP in association with NSS-IIT Roorkee.

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

- **Dr. Kritika Bansal** completed Coursera course on **“Supervised Machine Learning: Regression and Classification”** authorized by **DeepLearning.AI and Stanford University** in **July 2023**.
- **Dr. Kritika Bansal** completed Coursera course on **“Advanced Learning Algorithms”** authorized by **DeepLearning.AI and Stanford University** in **July 2023**.
- **Dr. Kritika Bansal** completed Coursera course on **“Unsupervised Learning, Recommenders and Reinforcement Learning”** authorized by **DeepLearning.AI and Stanford University** in **August 2023**.
- **Dr. Kritika Bansal** attained an online certificate of specialization on **“Machine Learning”** authorized by **Deep Learning. AI and Stanford University** offered Coursera in **August 2023**.
- **Dr. Anshika Srivastava** completed Coursera course on **“Supervised Machine Learning: Regression and Classification”** authorized by **DeepLearning.AI and Stanford University** in **July 2023**.
- **Dr. Anshika Srivastava** completed Coursera course on **“Advanced Learning Algorithms”** authorized by **DeepLearning.AI and Stanford University** in **July 2023**.
- **Dr. Anshika Srivastava** completed Coursera course on **“Unsupervised Learning, Recommenders and Reinforcement Learning”** authorized by **DeepLearning.AI and Stanford University** in **August 2023**.
- **Dr. Anshika Srivastava** attained an online certificate of specialization on **“Machine Learning”** authorized by **DeepLearning.AI and Stanford University** offered Coursera in **August 2023**.

3. Publications SCI/UGC/SCOPUS with DOI number

- **Dubey, P., Kanumuri, T., Vyas, R. et al.** *Anisotropic differential concavity codes for palmprint representation.* Multimedia Tools Appl (2023).
- **Dubey, P., Kanumuri, T., Vyas, R., Murthy, K.V.S.R., Choubey, C.K., Nandan, D.** (2023). *Enhanced palmprint recognition via curvi-linear anisotropic Gaussian filter-based combined differential concavity and infirmity codes.* Traitement du Signal, Vol. 40, No. 4, pp. 1739-1745.

4. Student Club Activities organized

- **Dr. Anshika Srivastava** organized **“Club Carnival”** under **Intelligent Data Club** during the First Year Induction Program on 19th September, 2023 at Madhav Institute of Technology and Science, Gwalior.
- **Dr. Kritika Bansal** organized **“Club Carnival”** under **Intelligent Data Club** during the First Year Induction Program on 19th September, 2023 at Madhav Institute of Technology and Science, Gwalior.
- **Dr. Tej Singh** organized **“Club Carnival”** under **Funtech Club** during the First Year Induction Program on 19th September, 2023 at Madhav Institute of Technology and Science, Gwalior.

5. Students achievement in extracurricular activity at National or International level

- **Samriddhi Fuskelay** from Artificial Intelligence and Machine Learning (AIML) Third year, won the **first prize in solo dance** at the **Combined Annual Training Camp (CATC)** organized by the **National Cadet Corps (NCC)** in **Gwalior unit**.
- **Akshada Telang** from **Artificial Intelligence and Machine Learning (AIML)** third year, won **Second prize in a quiz competition** held at the **Puneet Sagar Abhiyan Summit** within the **National Cadet Corps (NCC)** unit.
- **Anushka Khemariya and Vishal Soni**, from Artificial Intelligence and Machine Learning (AIML) third year, completed a **7-day National Service Scheme (NSS) camp**.
- **Rahul Singh** of AIR Second year participated in **first prize winning inter college volleyball team** at Shivpuri.