

# NEWSLETTER

DR. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY & MANAGEMENT  
DEPARTMENT OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

SEP 2022-FEB 2023



## Vision of The Department

**To produce socially responsible technocrats, researchers and entrepreneurs in Artificial Intelligence and Machine Learning through eminence in education and research.**



**"MY IDEA OF SOCIETY IS A RIVER OF EDUCATION AND A STORM OF SUCCESS.**

**MY VISION OF LIFE IS AN OCEAN OF LEARNING AND A TIDE OF HUMANITY."**

**-Dr. Akhilesh Das Gupta**



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SEP 2022-FEB 2023



## Mission of The Department

**M1. To produce socially responsible technocrats, researchers and entrepreneurs in Artificial Intelligence and Machine Learning through eminence in education and research.**

**M2. To collaborate with industry to exhilarate novel research and development in Artificial Intelligence & Machine Learning.**

**M3. To transform students into innovative skilled professionals empowered with knowledge, skills, values, and confidence to cater the global needs of the society.**



**"MY IDEA OF SOCIETY IS TO  
BULID HIGHLY  
CONSTRUCTIVE YOUNG  
GENERATION FOR COUNTRY  
"**

**Mrs. Alka Das Gupta**



# STUDENT ACHIEVEMENTS

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- **Shashank Thakur** (2021-25) Secured 1st rank in CASE STUDY Competition by USIT.
- **Tanishka gaur** (2021-25) Secured 2ND Position in Business planning Organised by Netaji Subhas University of Technology.
- **Vibhor Jain** (2021-25) Secured 3rd Position in Business planning Organised by Aryabhata college.





# STUDENT ACHIEVEMENTS

Team Name : FANATICS

Team : NEON

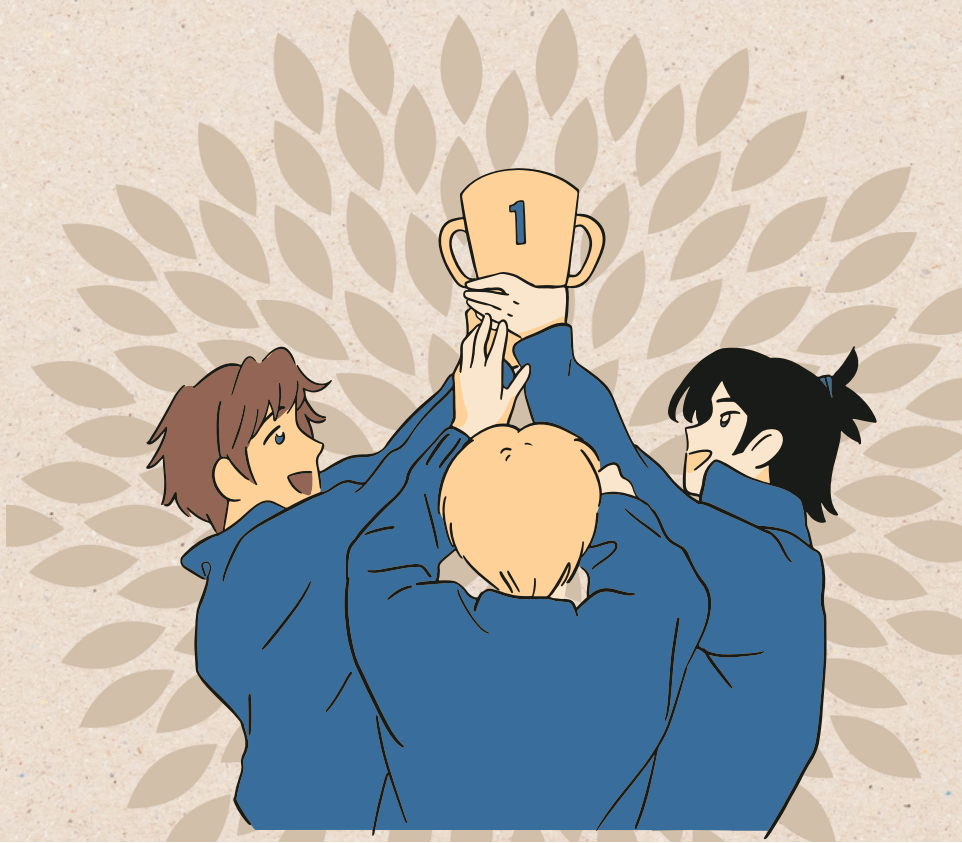


**DAKSH  
SURYAVANSHI, QAM  
AR ALI, YASH RAJ  
SINGH, NANDAN  
VYAS**

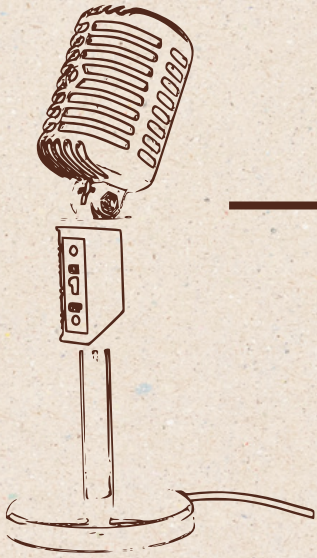
**SUSMIT PATHAK,  
ADIT SHERMA**

**Event Name : YouAI**

**Event Name : DISEASE PREDICTION  
SYSTEM**

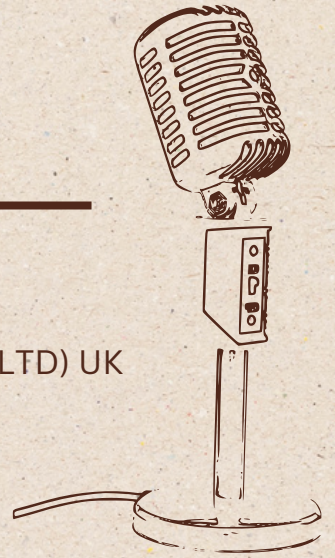






# Workshop

## R PROGRAMMING



7 JAN 2023 BY: MS.KANIKA MIGLANI  
(DATA SCIENTIST IN FLAX& TALES LTD) UK



**Dr Akhilesh Das Gupta Institute  
of Technology & Management**

FC-26, Shastri Park, Delhi - 110 053  
Approved by AICTE and Affiliated to GGSIPU  
www.adgitmdelhi.ac.in || +91 11 49905900-99



**KRITRIM DHI  
DEPARTMENT OF AI & ML**



### HANDS ON TRAINING

**ROLE OF STATISTICS IN ML  
USING PYTHON  
PROGRAMMING**

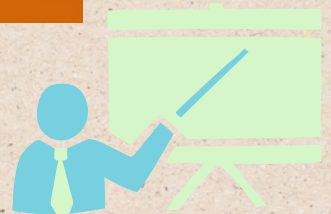
**SATURDAY  
07 JANUARY 2023  
9:00 AM ONWARDS**

**ONLINE EVENT**

#ShapingGenerations



MS. KANIKA MIGLANI  
(DATA SCIENTIST)  
FLAX & TEAL LTD.  
UK





# FACULTY PATENTS

- **Dr. Meenakshi Yadav**



- **Intelligent Robot-Assisted IoT for Germicide Spray at Hospital Lavatories**
- **A novel approach for energy efficient wireless sensor network using combination of sensor node's position and communication range**

- **Dr. Preety**



- **Intelligent Robot-Assisted IoT for Germicide Spray at Hospital Lavatories**





# FACULTY PUBLICATIONS

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## • Dr. Meenakshi Yadav

- Post-Covid Impact on child behavioral using Data Science and Machine Learning: A Review
- IoT Based Wearable health-monitoring through Wireless Body Area Network
- AI based Diagnostic Analysis for Wireless Capsule Endoscopy in Obscure Bowel Disease Detection: Present and Future
- Smart Agriculture System using Artificial Intelligence and Internet of Things
- Introduction to Internet of Things



## • Dr. Preety

- AI based Diagnostic Analysis for Wireless Capsule Endoscopy in Obscure Bowel Disease Detection: Present and Future
- IoT Based Wearable health-monitoring through Wireless Body Area Network
- Smart Agriculture System using Artificial Intelligence and Internet of Things
- Introduction to Internet of Things
- Post-Covid Impact on child behavioral using Data Science and Machine Learning: A Review
- Internet of Things and Web Services for Current Pandemic Challenges: An Exploratory Study