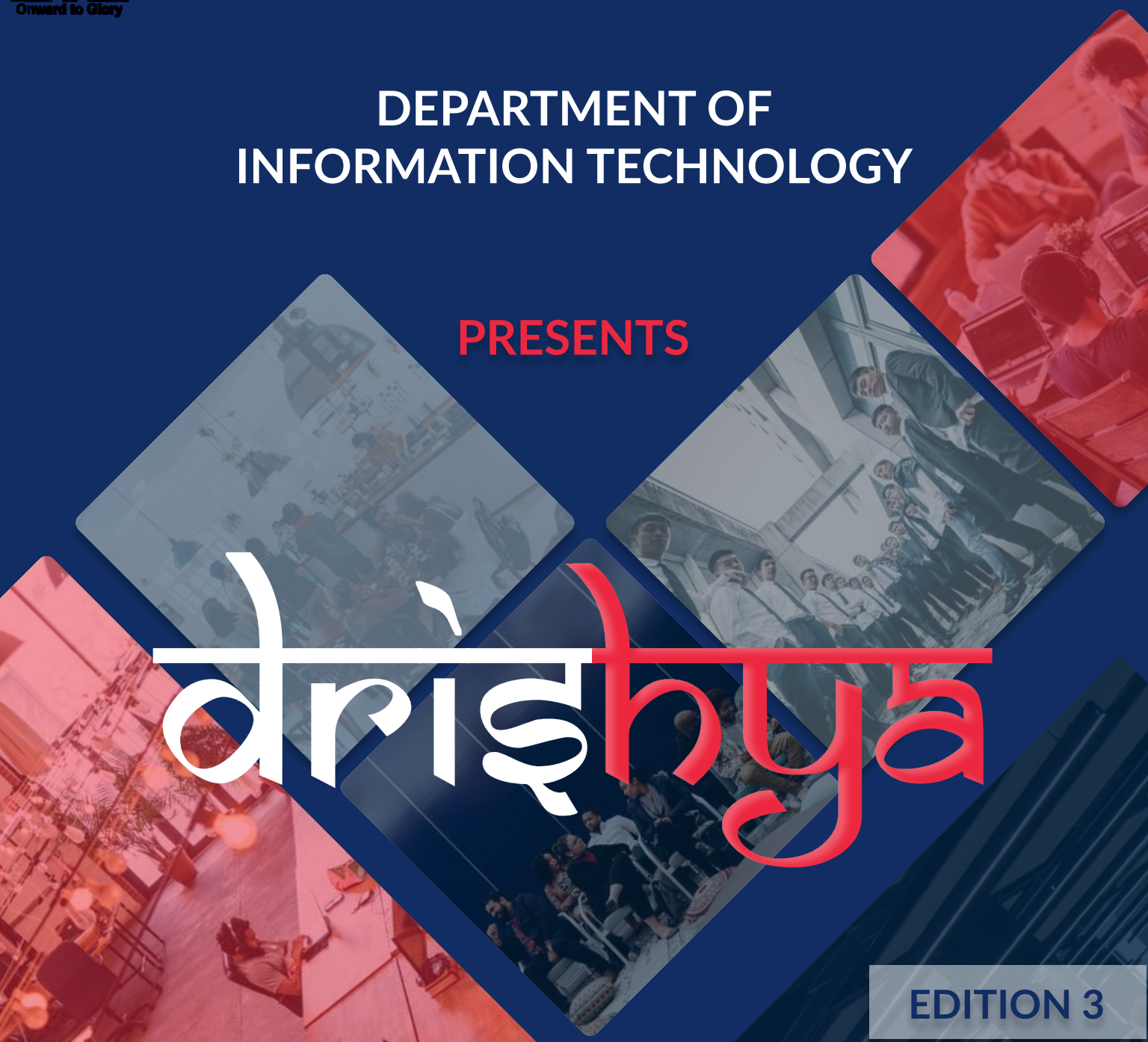
ARMY INSTITUTE OF TECHNOLOGY

Onward to Glory

DEPARTMENT OF INFORMATION TECHNOLOGY

PRESENTS



दृश्य Dṛśya

EDITION 3

FACULTY INCHARGE: PROF. SAMLETI SANDEEP

EDITOR: DHANANCHEYAN ANBUSELVAM

FDP

14th Dec 2019

THREE DAYS STATE LEVEL FACULTY DEVELOPMENT PROGRAM ON "MATHEMATICAL MODELING APPROACH TOWARDS DATA SCIENCE"

- Information Technology department of Army Institute of Technology is organizing the Three Days State level Faculty Development Program on "Mathematical Modeling Approach towards Data Science" at its campus in Pune from 11th Dec 2019 -13th Dec 2019 under Quality Improvement Program of SPPU.

- In this FDP, Data science opportunities and Techniques will be discussed along with mathematical approach. Data science usually mathematical model to model business circumstance, environment etc. Research Scholars, Industry personnel and Faculty members from various engineering colleges from all departments are invited to attend.

The resource persons for the various sessions were as follows:

- Mr. Rakesh Nakod
- Mr. Dwijay Bane
- Dr. Swati Shinde

The various Sessions conducted in FDP are as follows:

- **Data Science and its opportunities**
- **Basics of Machine learning**
- **Hand on session using python**
- **Neural networks & deep learning frameworks**
- **Application of deep neural network in NLP**
- **Concepts and application of CNN**
- **Recurrent neural networks (RNNS), LSTMs and language models**
- **Case studies**
- **Unboxing the black box rise of explainable AI**

WORKSHOP

28th September 2019

Topic : ROAD SAFETY

Speaker : Mr. Munjal Saha Reliance Jio Infocomm Ltd

23rd September 2019

Topic : Career Strategy -Creating your own Personal Brand

Speaker : Ms. Snehal Sarkar Master Life Coach and Corporate Trainer

PUBLICATIONS

June 2019

Author : Dr. Ashwini Sapkal

Title of Paper : Fast Converging Magnified weighted sum Backpropagation neural network

Name of Jornal : Advanced Intelligent Systems and Computing

STUDENT ACHIEVEMENTS

Dishant Pawar
- Pradnya (Junior) PICT
- Earn Code

Divit Adlakha
- Creativity & innovation ,NCAT
- Earn Code
- Leslingua

Gaurav Malik
- Cricket, MIT WPU
- Volley Ball Tournament

Aayush Adhikari
- Just coding,DPU
- National Level Technical ,AISSMS

Arun Kushwaha
- Publication Automatic licence plate detection

Sachin Yadav
- Bug off, VIIT
- Earn Code

Ankit Kumar
- CodeJunkieMindspark 19
- The India Quiz

Kajal Sethi
- Table Tennis
- Table Tennis, Zest 20

Chhavi Malik
- Volley Ball Tournament, Zest 20

STUDENT ACHIEVEMENTS

Saurabh Rai
- Hackthon CSI State Level Student Convention

Gaurav Kumar Singh
- Mentoring and Orentation

Saurav Singh Chauhan
- The India Quiz, AIT

Deepak Tiwari
- Smart Queue Management(PC MC)

Saurabh Singh
- Flip it round 1
- Blood Donation

Rohit Sangwan
- Mentoring and Orentation Session
- The India Quiz, AIT

Abhishek Kulhar
- The India Quiz, AIT

Alam Kathat
- Code Buddy ,Pulzion 19
- Recode IT 19 ,Pulzion

Anand Panday
- Code War,PICT
- Hackathon Credenz 19

Shivam Rai
- Escalade Prelims
- Just Coding

VISION OF DEPARTMENT

To became a centre of excellence and to produce high quality, creativeand ethical engineers and technologist contributing effectively to mordern information society.

MISSION OF DEPARTMENT

M1: *To imapart total quality engineering education to serve the needs of mordern information society and professional ethics to student.*

M2: *To adopt the best pedagogical methods in order to maximize knowledge transfer.*

M3: *To carry out high quality research leading to the creation and commercialization of intellectual property.*

M4: *To provide the best facilities , infrastructure and environment to its student , researchers and faculty members, creating an ambience conducive for excellence in technical education education and research.*

PROGRAM SPECIFIC OUTCOMES

PSO1: Graduate will demonstrate an ability to identify, formulate & solve computer science and Information Technology Engineering problems.

PSO2: Graduate will demonstrate an ability to investigate, design and develop software programs, analyze & interpret the data and work on multidisciplinary projects.

PSO3: Graduate who can pursue higher studies or get placed in Computer Science and IT based companies.

PROGRAM EDUCATIONAL OUTCOMES

PEO1: *To produce graduates who would have developed a strong background in basic science and mathematics and to demonstrate technical competence in the fields of information Technology and develop solutions to the problems.*

PEO2: *To produce graduates who would attain professional competence through life-long learning such as advanced degrees, professional registration, and other professional activities.*

PEO3: *To produce graduates who would attain professional competence through life-long learning such as advanced degrees, professional registration, and other professional activities.*

PEO4: *To produce graduates who functions effectively in a multi-disciplinary environment and individually, within a global societal, and environmental context.*

PEO5: *To produce graduates with ethical and moral behavior.*