

10TH EDITION 2022-23 SEM-II

DRISHYA

EMAGAZINE NEWSLETTER



DEPARTMENT OF INFORMATION
TECHNOLOGY

FACULTY ADVISOR

Volume 10



Dr. Dipika Birari

EDITORS



Anmol Singh
SE (IT)



Aryan Singh
SE (IT)

EDITORIAL BOARD

- 01** Guest Lecture/Workshop/FDP
- 02** Achievements
- 03** Faculty Publications
- 04** Internships/ Placements
- 05** Vision and Mission of
Department

GUEST LECTURE/ WORKSHOP/FDP

- **Faculty Development Program on “Deep Learning” in association with CSI & IEEE**

Date:- 9th Jan to 20th Jan 2023

Speaker 1: Dr. Deepak Garge

Speaker 2: Mr. Rohan Datta

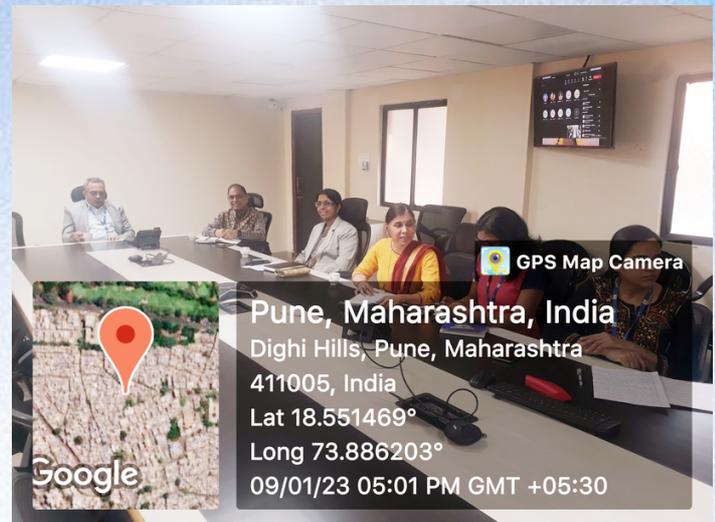
Speaker 3: Mr. Jay Paranjape

Speaker 4: Mr. Bhawin

Speaker 5: Mr. Dwijay Bane

Speaker 6: Ms. Smita Kulkarni

Speaker 7: Ms. Dhanashree Patil



- **Online Training on “Cloud Based ERP” in association with VMEDULIFE**

Date: 30th Jan 2023 to 31st Jan 2023

Speaker: Rushikesh Chhachwale

vmedulife[®]
Software Services

- **Workshop on “Design Thinking” in association with Institute Innovation Council (IIC 5.0)**

Date: 20th Feb – 21st Feb 2023

Speaker : Brig (Dr) Ranbir Bhatia (Retd)

GUEST LECTURE/ WORKSHOP/FDP

- **Guest Lecture on
Mind Power Unlimited**

Date: 8th March 2023

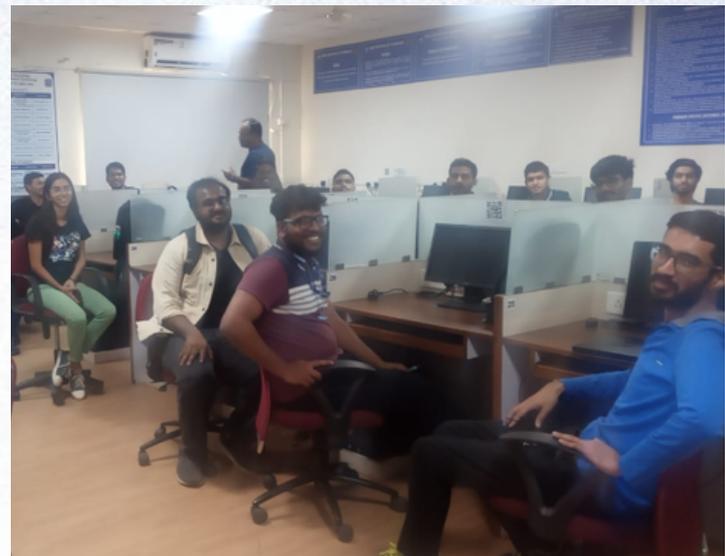
Resource Person: Dr. Datta Kohinkar



- **Workshop on Distributed
Systems: Practical
Approach**

Date: 10th - 11th March 2023

Resource Person: Mr. Prabhat
Kumar



- **Guest Lecture On Writing
Research proposal**

Date: 12th April 2023

Speaker: Dr. Ashwini Sapkal



GUEST LECTURE/ WORKSHOP/FDP

- **Session on YouTube Channel Creation, video recording and uploading**

Date: Thursday, 27th April 2023 Time: 4.00 pm

Resource Person: Dr. Dipika Birari

- **Guest Lecture on Exploring the Potential of Smart Contracts in Decentralized Application on the Blockchain**

Date: Friday, 28th April 2023

Time: 9.30AM to 1:30 PM

Speaker: Dr. Vijay Sonawane,
HoD, MVPS KBT CoE, Nashik



- **Guest Lecture on Current trends in Processor Architecture**

Date: 4th May 2023

Speaker: Dr. Sushma Patil



ACHIEVEMENTS

COMPLETED PHD IN 2022-23

Dr. Gajanan Walunjkar



**Completed PhD in Computer Science and Engineering from VelTech University, Chennai
Date: 30th Dec 2022**



Dr. Dipika Birari

**Completed Ph.D in computer engineering from PAHER University, Udaipur.
Date: 27th Feb 2023**

Dr. Aparna Joshi



**PhD completed in Computer Science and Engineering from VelTech University, Chennai.
Date: 25th Mar 2023**

Faculty Publications

Dr. Sangeeta Jadhav



- **Paper Presented** Insight on Human Activity Recognition Using the Deep Learning Approach in 5th IEEE International Conference on “Emerging Smart Computing & Informatics”, 1 – 3 March 2023.
- **Patent Published** :Real Time Emotion Prediction Portable Device on 28th June 2023.

Dr. Rahul Desai



- **Patent Published:** Interactive Shopping Experience Using Augmented Reality on 13th Jan 2023.
- **Paper Presented:** License Plate Detection and Recognition including unconstrained capture scenarios in ICEET 2023, 11th -12th March 2023.
- **Paper Presented:** Reducing Routing Overhead in Multi-hop wireless communication in ICEET 2023, 11th -12th March 2023.
- **Paper Presented:** Detection of covid-19 using speech and voice analysis in ICEET 2023, 11th -12th March 2023.
- **Paper Presented:** Predicting the expected popularity of a song before release using a machine learning of a song before release using a machine learning International Conference on Emerging Engineering Technologies (ICEET 2023), 11th -12th March 2023.
- **Book Chapter:** WBC Disease Prediction using Neural Network Classifier
- **Book Chapter:** Reducing routing overhead in Manet
- **Book Chapter :** License Plate Detection and Recognition.

Dr. Ashwini Sapkal

- **Patent Published:** Interactive Shopping Experience Using Augmented Reality on 13th Jan 2023.
- **Patent Published :** Machine Learning Approach For Association Rule Maintenance And Refinement Using Incremental Data With Updating Support Thresholds, on 20th Tan 2023.
- **Paper published :** Lane Detection: comprehensive Review Published in Springer Journal Multimedia Tools & Application, 10th Mar 2023 .
- Completed AWS IoT Core Internship Program 10th March to 10April 2023.
- Conducted guest lecture on “Writing Research proposal” at AIT, 12th April 2023.
- **Paper published :** “Assessment of diabetic retinopathy progression using CNN from ocular thermal images” in Soft Computing Journal on 26th April 2023.



Prof. Vaishali Ingale

- **Patent Published** : Interactive Shopping Experience Using Augmented Reality on 13th Jan 2023.
- **Paper Presentation**: Predicting the expected popularity of a song before release using a machine learning at ICEET-2023, 11th -12th March 2023.
- Completed AWS IoT Core Internship Program 10th March to 10April 2023.
- **Paper published** : Deep Lightning Network For Object Detection In Low Light Environment, International Conference on Emerging Engineering Technologies (ICEET 2023) ,on March 11th-12th March 2023
- **Paper published** : “Assessment of diabetic retinopathy progression using CNN from ocular thermal images” in Soft Computing Journal on 26th April 2023.
- **Paper published** : “Assessment of diabetic retinopathy progression using CNN from ocular thermal images” in Soft Computing Journal on 26th May 2023.



Dr. Gajanan Walunjkar



- **Patent Published** : Interactive Shopping Experience Using Augmented Reality on 13th Jan 2023.
- **Paper Presented** : Reducing Routing Overhead in Multi-hop wireless communication in ICEET 2023, 11th -12th March 2023.
- **Paper Presented** : Detection of covid-19 using speech and voice analysis in ICEET 2023, 11th -12th March 2023.
- **Journal** : Intelligent Conversational Agents Based Custom Question Answering System in June 2023
- **Book Chapter**: Reducing routing overhead in Manet
- **Paper Published** : Paper presented on “Intelligent Conversational Agent Based Custom Question Answering System in IJISAE (Scopus) Journal.

Dr. Aparna Joshi



- **Patent Published** : Interactive Shopping Experience Using Augmented Reality on 13th Jan 2023.
- Completed AWS IoT Core Internship Program 10th March to 10April 2023.
- **Paper Published** : Batch Normalized Siamese Network Deep Learning Based Image Similarity Estimation,2023 Fifth International Conference on Electrical, Computer and Communication Technologies (ICECCT 2023) , February 22nd-24th 2023 .
- Session Chair for IEEE 3rd International conference on Intelligent Technologies (CONIT 2023) on 23rd June 2023.

Prof. Rupali Bagate

- Completed AWS IoT Core Internship Program 10th March to 10April 2023.
- **Patent Published** : a Shopping Experience Using Augmented Reality on 13th Jan 2023.



Prof. Sandeep Samleti

- **Patent Published** : An artificial intelligence and Machine Learning Based Supply chain management system and method there of Machine Learning Approach For Association Rule Maintenance And Refinement Using Incremental Data With Updating Support Thresholds on 11th Jan 2023.



Dr. Dipika Birari

- **Coursera Certification** - Linear Regression with NumPy and Python on 21st March 2023.
- **Patent Published** on “Artificial Intelligence based automatic stock price prediction system to predict High, Low and closing price using cloud computing and machine learning” on 23/06/23.



Prof. Yuvraj Gholap

- **Patent Published** : Interactive Shopping Experience Using Augmented Reality on 13th Jan 2023.
- **Paper Presented** : License Plate Detection and Recognition including unconstrained capture scenarios in ICEET 2023, 11th -12th March 2023.
- **Book Chapter** : License Plate Detection and Recognition.



INTERNSHIP



ABHISHEK KUMAR

**Internship offer at Amazon
London**

INTERNSHIP



CLASS	NO OF STUDENT DONE THE INTERNSHIP
BE	20
TE	62
SE	12
TOTAL	94

PLACEMENTS



PLACEMENT RECORDS

NUMBER REGISTERED

57

NUMBER PLACED

52

HIGHEST SALARY

INR 52.00 LAKHS

AVERAGE SALARY

INR 15.90 LAKHS

PLACEMENT RECORDS

INSPIRING ACHIEVERS

NAME	COMPANY
DEEPAK BARNWAL	Dreamplug Tech (52.00 lpa)
HARISH BAJIYA	Dreamplug Tech (52.00 lpa)
Shambhavi Chaudhary	Google (49.00 lpa)
Manish Kumar Singh	Microsoft (48.00 lpa)
K. RAJU MULANI	Microsoft (48.00 lpa)

NBA CERTIFICATE

राष्ट्रीय प्रत्यायन बोर्ड

चाँया तल, ईस्ट टावर, एन. बी. सी. प्लेस, भोष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली -110003
NATIONAL BOARD OF ACCREDITATION
4th Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003



File No: 28-321-2010-NBA

Date: 22-12-2022

To,

The Principal,
Army Institute of Technology,
Dighi Hills, Alandi Road,
Pune, Maharashtra-411015.

Army Institute of Technology
Dighi Hills, Pune-411015.

Inward No. 14407 2022
Date. 16/01/2023 2023

Subject: Accreditation status of UG Engineering programs applied by Army Institute of Technology, Dighi Hills, Alandi Road, Pune, Maharashtra-411015.

Sir,

This has reference to your application I.D. Nos. 6401-21/01/2022, 6402-21/01/2022 and 6403-21/01/2022 seeking accreditation by National Board of Accreditation to UG Engineering programs offered by **Army Institute of Technology, Dighi Hills, Alandi Road, Pune, Maharashtra-411015.**

2. An Expert Team conducted onsite evaluation of the programs from 16th to 18th September, 2022. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No.	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Mechanical Engineering	Tier II June 2015 Document	Accredited (750 Marks awarded by the Visiting Team revised to 741 as per the observations made and indicated in the Annexure to this letter)	Academic Years 2022-2023 to 2024-2025 i.e. upto 30-06-2025	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the Competent Authority, whichever is earlier
2.	Electronics and Telecommunication Engineering		Accredited (757 Marks awarded by the Visiting Team revised to 744 as per the observations made and indicated in the Annexure to this letter)		
3.	Information Technology		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted accreditation for 3 years. **Army Institute of Technology, Dighi Hills, Alandi Road, Pune, Maharashtra-411015** should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above so as to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status.

Chaitanya

Contd./...

VISION

Towards providing world-class education in Information Technology with societal focus

MISSION

M1: Empowering students with state of art knowledge and skills to meet global challenges.

M2: To carry out high quality research leading to the creation and commercialization of intellectual property.

M3 : To provide a comprehensive quality infrastructure committed to empower students to contribute technological and social development towards the progress of society.