

E-MAGAZINE
NEWSLETTER

11th EDITION
— SEM-1 —

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INFORMATION
TECHNOLOGY

MANAGEMENT



Brig Abhay A Bhat (Retd)

Director, AIT



Col M K Prasad (Retd)

Joint Director, AIT



Dr. B P Patil

Principal, AIT

Message from HOD's Desk



Dr. Mrs. Sangeeta Jadhav

PROFESSOR & HOD IT

"The true future belongs to those who learn more skills and combine them in creative ways" –Robert Greene

It gives me great pleasure to write this message for **"Drishya"** about Dept of Information Technology .

The academic year 2023-24 was a year with full of activities and events for students and faculty .

The dept has initiated ACM (Association for Computing Machinery) student chapter which will help us in fostering the professional development of the students by facilitating networking opportunities globally. A state level Project competition **"PROJECT NEXUS 1.0"** for BE projects has got good response under this chapter.

The department has conducted several workshops, guest lectures and faculty development program on topics such as Data Analytics, ML and Cloud Infra. etc.

The Faculty development program on IOT and Ubiquitous Computing has received a huge response nationally. Department is fully equipped with infrastructure to welcome additional batch of 60 students from Year 2024 .The department endeavors to produce confident professionals tuned to real time working environment which is reflected in very good placements as well as internship opportunities.

I feel happy to mention that majority of the students have participated in competitions. I congratulate all the students who have won various competitions! To mention few achievements are- Rohit Sharma (BE-IT) secured 1st position in in Math Coding ,Prince Kumar (TE-IT) secured 2nd position in CSAM,Shantanu Rajmane (TE-IT) secured 2nd position in EventSync Squad & Hackodisha 3.0 and secured 1st position Hack4TKM - National Level Hackathon.

Many of our Faculty have published research papers in Journals ,books and conferences as well as published patents and copyrights which reflects the strong research culture in department. This year one faculty members is are awarded with PhD degree namely Dr. Rupali Bagate .

We all look forward to keep it up and walk onward to glory!
I wish all the Students and Faculty a great academic year ahead!

EDITORIAL —BOARD—

FACULTY ADVISOR

DR. DIPIKA BIRARI
(Asst. Professor)



DEVESH SARASWAT
SE IT



LAXYA SANGWAN
SE IT

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- A decorative graphic on the right side of the page. It features a large, light gray gear with a wavy, sine-wave-like outer edge. Inside the gear, there are concentric circles and a dashed line. The gear is partially cut off by the right edge of the page.

DEPARTMENT ACTIVITIES

FDP

Topic: Two Weeks FDP on DevOps

Date: 28/08/2023 to 08/09/2023

Time: 9:00 am to 11:00am

Speakers:

- 1) Mr.Shakti Kannan, System Architech , Tarides
- 2)Mr.Saumyakanta Khatua, Associate DevOps Engineer, USTBlueConch
- 3) Mr.Pratik Kadam, Lead Engineer DevOps, USTBlueConch
- 4) Mr Vijay Nayani, CEO Linux Lab
- 5) Mr.Bhavin, Edutech Solutions Pvt.Ltd.
- 6) Dr.Bharati P. Vasgi, Associate Professor, MMCOE , Pune
- 7) Mr.Yogesh Pawar, Assistant Professor, MMCOE, Pune

Venue: Online mode

Audience: Internal and External Faculty Members



Hosted AWS FDP on Cloud Infrastructure

FDP hosted by IT department and Organized by AWS on Cloud Infrastructure.

Date: 21st Aug to 27th Aug 2023

Audience: Internal and External Faculty members

Director Interaction Meeting

Meeting (Director Interaction) with Director, JT Director and Principal with Teaching and Non teaching Faculty on 7th July 2023.

FE Orientation

Topic: FE-IT Orientation

Speaker: Dr. Sangeeta Jadhav (HOD IT)

Date: 31st Aug 2023

Venue: BCJ Hall

Audience: ALL FE-IT Students



FDP

Topic: FDP Conducted by IT Department on topic "Effective Search & Resource Operation at Disaster site using ML Techniques".

Speaker: Dr. G M Walunjkar

Date: 8th Sep 2023

Venue: BCJ Hall

Audience: AIT Faculty Members



Guest Lecture

Guest Lecture organized by IT Department on topic **Introduction to Predictive and Descriptive Algorithms**

Speaker : Mr. Roshit Nair

Date: 10th Oct 2023

Audience: TE IT Students



Alumni Meet

Organized Alumni meet in Department 23rd Dec 2023.



FACULTY ACTIVITIES

Dr. Sangeeta Jadhav



- Received **Most Influential Professor Award** On 24th Nov 2023.
- **Patent** on "Real time emotion prediction portable device".
- **Paper Published** "Communications In Computer And Information Science " On Dec 2023.

Dr. Rahul Desai



- **Paper** "Energy efficient Routing in Group & Disaster mobility comparative analysis in Scopus journal"

Dr. Ashwini Sapkal

- **Presented Paper** in ICCCN'-23 Conference on 8th July 2023 on "Cloud Image Making on Satellite Images using U-Net Architecture of Deep Learning".



Prof. Vaishali Ingale



- **Presented Paper** in ICCCN-23 Conference on 8th July 2023 on "Cloud Image Making on Satellite Images using U-Net Architecture of Deep Learning".

Prof. Yuvraj Gholap

- **Paper Published** "Energy efficient Routing Group & Disaster mobility comparative analysis in Scopus journal"



Dr. Gajanan Walunjkar

- **Resource Person** at DYPCOE for STTP on "Recent Trends in AI" on 26th July 2023.
- **Paper Published** in LJRITOC (Scopus) "Integrated approach for Emotion Detection via Speech & text Analysis" on 18th Sep 2023.
- **Paper Published** "Energy efficient Routing in Group & Disaster mobility comparative analysis in Scopus journal.
- **Resource talk** on "problem solving" at PREC Ioni through IIC on 9th Nov 2023.



Prof. Sandeep Samleti

- **Resource talk** on processor enhancement





Dr. Rupali Bagate

- **Defended PhD & awarded** with Doctorate degree in CSE on 16th oct 2023.
- **Published Paper** in Conference for intelligent Technologies (CONIT 2023) Scopus indexed 23-25 July 2023.
- **Paper presented** in AIAMMS 2023* on 4th Nov 2023 International Conference.
- **Paper Presented** on Woman health care domain in Vishwacon 2023 Conference.
- Completed two week Industrial Training on "Data Analysis with Python from 8th Dec 2023 to 22nd Dec 2023.

Dr. Dipika Birari



- **Patent** on "Design and progress of reversible data hiding for improved security in data transmissions".
- **Paper presented** on ICDSNS -2023 on 28th July 2023
- **Guest lecture** conducted on "Foundation of data structure An Introduction " for CSE-AI on 25th July 2023
- **Paper Published** "A Comparative Analysis of Machine Learning Models for Soil Health Prediction and Crop Selection" in IJISAE Journal
- **Reviewer** for IEEE Conference ICBDS 2023 and VISHWAACON 2023
- **Paper Published** in IJRITCC (Scopus) "Integrated approach for Emotion Detection via Speech & text Analysis", on 18th Sep 2023
- **NPTEL certification** done on "Python for Data Science"
- **Paper Published** "Energy efficient Routing in Group & Disaster mobility comparative analysis in Scopus journal.
- **Paper Presented** on Woman health care domain in Vishwacon 2023 Conference.

STUDENTS ACTIVITIES



ROHIT SHARMA
BE-IT

1st in
Math Coding Competition



PRINCE KUMAR
TE IT

2nd in CSAM



SHANTANU DIPAK RAJMANE
TE IT

2nd in
EventSync Squad & Hackodisha 3.0

INTERNSHIP 2023-24 (Sem-I)



**Goldman
Sachs**



GeeksforGeeks



BNY MELLON



amazon

CLASS	NO OF STUDENTS
BE	15
TE	25
SE	07
TOTAL	47

PLACEMENTS 2023-24 (Sem-I)



**Goldman
Sachs**



Microsoft



GeeksforGeeks



BNY MELLON



ZS

Deutsche Bank



amazon

PLACEMENT RECORDS

NUMBER REGISTERED

59

NUMBER PLACED

50

HIGHEST SALARY

55 LPA

AVERAGE SALARY

11.6 LPA

NBA CERTIFICATION

राष्ट्रीय प्रत्यायन बोर्ड

अधीनस्थ, द्वितीय तह, वा. अ. जी. जी. राड, अलीपुरा-वर्ग, वरली रोड, मुंबई-४०० ००१
NATIONAL BOARD OF ACCREDITATION
 4th Floor, East Tower, 140/1 Parel, Bhandarkar/Mamuk Mang, Pargal Vihar, Lashli Road, New Delhi 110001



Ref No: 20-211-2020-NBA

Date: 23-12-2021

To,

The Principal,
 Army Institute of Technology,
 Right Hills, Alandi Road,
 Pune, Maharashtra-411011.

Army Institute of Technology
 Right Hills, Alandi Road,
 Mumbai - 411011
 Date: 16/12/2021

Subject: Accreditation status of B.E Engineering programs applied by Army Institute of Technology, Right Hills, Alandi Road, Pune, Maharashtra-411011.

Re,

This has reference to your application L.E.No. 4901-11/01/2020, 4902-11/01/2020 and 4903-11/01/2020 seeking accreditation by National Board of Accreditation for B.E Engineering programs offered by Army Institute of Technology, Right Hills, Alandi Road, Pune, Maharashtra-411011.

2. An Expert Team conducted onsite evaluation of the programs from 28th to 29th September, 2020. The report submitted by the Expert Team was considered by the concerned Committee constituted for the purpose in this. The Competent Authority in NBA has approved the following accreditation status in the programs as given in the table below:

Sr. No.	Name of the Program(s) (A)	Mode of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Mechanical Engineering	Type II June 2021 Self-assessed	Accredited [The status awarded by the Visiting Team recorded in 3.1.1 as per the observations made and indicated in the Annexure to this letter]	Academic Years 2021-2022 to 2024-2025 (i.e. upto 30-06-2025)	Accreditation status granted is valid for the period indicated in Col.5 as all the program has the approval of the Competent Authority, whichever is earlier
2.	Electronics and Telecommunication Engineering		Accredited [The status awarded by the Visiting Team recorded in 3.1.1 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, Right Hills, Alandi Road, Pune, Maharashtra-411011 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 this for further processing of the accreditation status.

(Signature)

Comd.L.

INSTITUTE VISION & MISSION

VISION

To become a "Globally Recognised" technical institute providing world class education and research facilities to the wards of Defence personnel.

MISSION

M1: Provide the right environment, to the wards of Defence personnel, for development of physical, intellectual, emotional and spiritual quotients, with a view to produce total quality engineers.

M2: Create an ecosystem which can foster the culture of research, innovation, creative thinking and higher studies.

M3 : Develop an education system which creates entrepreneurs and technology leaders who are committed towards sustainable development of society and nation building.

DEPARTMENT VISION & MISSION

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.