

# DRISSHA



# EDITORIAL BOARD

## TEAM MAGZ



**Dr. Aparna Joshi**



**Dr. Dipika Birari**

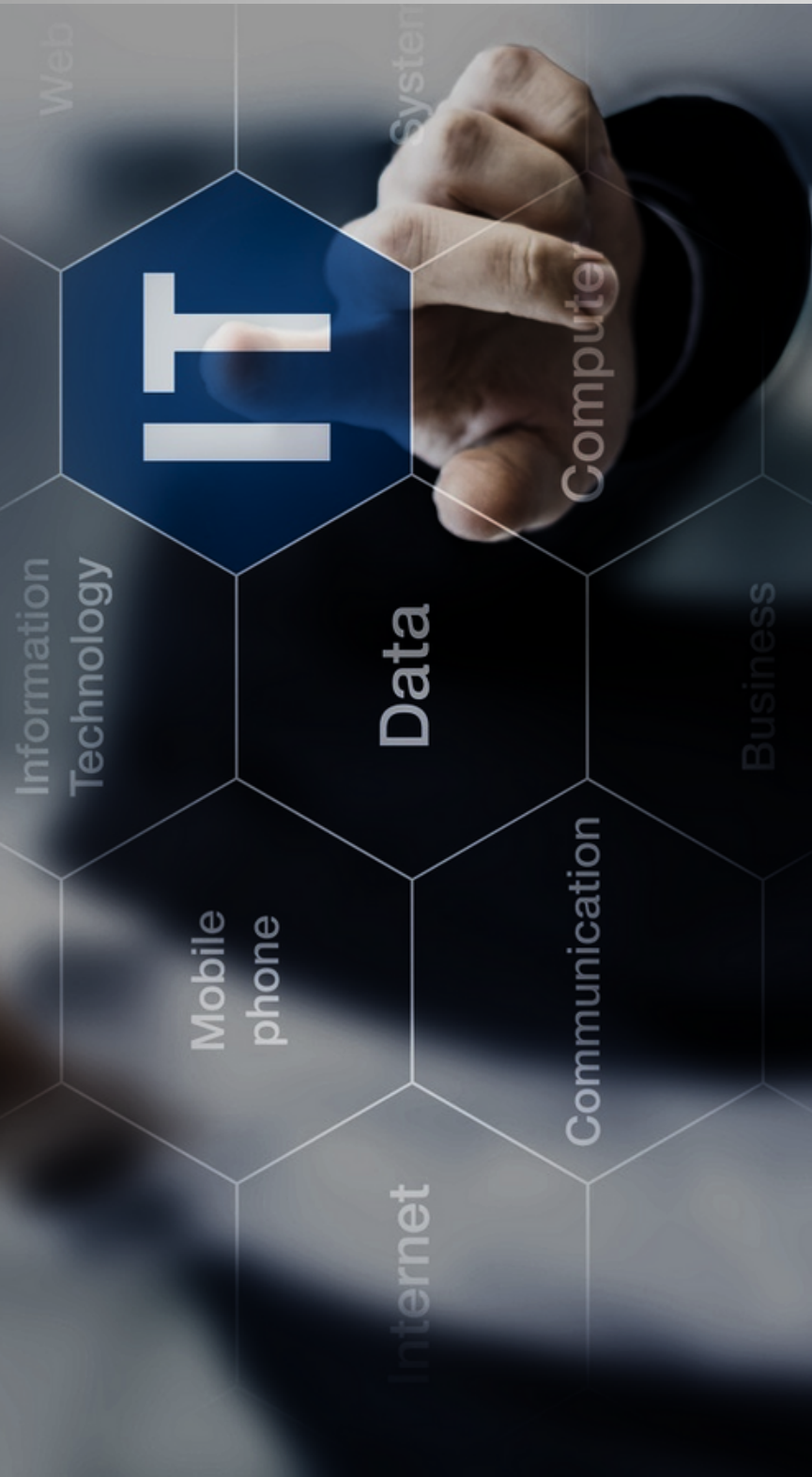


**Ankit Kumar Singh  
(SE IT)**



**Kavya Chauhan  
(SE IT)**

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# WORKSHOP/ GUEST LECTURES

## Faculty Development Program from 11th July to 15th July 2022.

FDP organized by IQAC, R&D cel & IIC and coordinated by IT Department on topic Robotics, IPR and Finance.

Date: 12th July 2022

Speaker 1: Mr. Bahavin

Speaker 2: Mr. Prafulla Wange

Speaker 3: Mr. Shaishav Shah



## Workshop On Data Analysis

Workshop on "Data Analytics"

Date:- 23rd to 24th August 2022

Speaker :- Mr. Tushar Kute



## Faculty Development Program On AWS

FDP on AWS

Date: 22nd to 27th August 2022

**Development Program**

**Army Institute of Technology Pune**

One week National Level  
**Faculty Development Program**  
On Amazon Web Services

Organised by Department of Information Technology

**BRAIN O VISION**   **aws**

Dr. BUDDHA CHANDRASHEKHAR  
Chief Coordinating Officer - AICTE  
Honorable Chief Guest - for Event

Participation certificate will be provided [To Register click here: brainovision.in/fdp-faculty-registration](https://brainovision.in/fdp-faculty-registration)

Use Host Code - Army Institute of Technology Pune

**22nd TO 27th - AUG 2022**  
18:30 - 20:00 HRS

**Convenor**  
Dr. SANGEETA JADHAV  
HOD IT

**Coordinator**  
Dr. RAHUL DESAI  
Prof. GEETA PATIL

# WORKSHOP/ GUEST LECTURES

## Awareness program On Startup

Awareness program for startup  
and Innovation Policies”  
Date: 29th Sep 2022



## FE Orientation Program

FE Orientation Conducted by IT  
Dept in FE Induction Program  
Date: 6th Oct 2022  
Speaker: Dr. Mrs. Sangeeta Jadhav  
(HOD IT)



## Faculty Development Program On Awareness of Journal Indexing

FDP on “Awareness of Journal  
Indexing”  
Date: 03//11/2022  
Speaker: Ms. Rupali Bagate



## Guest Lecture On HCI

Guest lecture on “HCI”  
Date :- 25th August 2022  
Speaker :- Dr. Bhutekar.



# ACHIEVEMENTS



## Shekhar Kumar Singh

Winner

BE IT  
UNESCO India Africa Hackathon 2022 2nd  
November to 25th November 2022



## Akash Bhati, Arun

First Position

BE IT  
Smart Bazaar 11th CSI INAPP  
International Project Competition

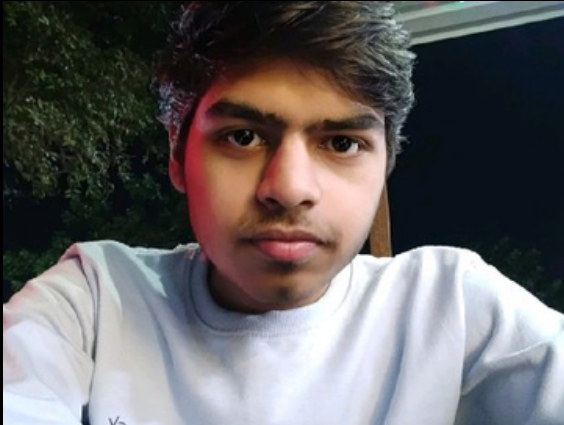


## Dipankar Singh, Akash Singh, Sambhav Singh

First Position

TE IT  
ICPC Amritapuri Regional Zone Qualified

# ACHIEVEMENTS



**Arvind Singh Rathore,  
Prince Kumar,  
Shivank Singh**

Winner

SE IT  
"Capture the Flag" at CSAM 2022  
organized by Team Matrix held at  
Symbiosis Center for Information  
Technology, Pune on 1st Oct 2022



**Soumyadip Roy  
Kavya Chauhan  
Ankit Kumar Singh  
Ritik Kumar**

Second Position

SE IT  
Blockchain and cybersecurity in RITS  
national Flagship Hackathon



**Manisha Ambati**

Amongst 20 Winning Teams

SE IT  
Vodafone foundation Tech Innovation  
Marathon 2022

# ACHIEVEMENTS



## **Aarti Kumari, Muskan**

First Position

BE,TE IT  
SPPU District Table Tennis(Women)  
intercollegiate Matches held on 15th Oct  
2022.



## **Saveen Kumar, Ujjwal Singh**

Qualified Semifinal

BE,TE IT  
SPPU intercollegiate Semifinal Table  
Tennis(Boys) at SIPS Lonavala, 15th Oct  
2022.



# INTERNSHIPS



## **Abhinab Pratap Singh Chauhan**

TE IT  
Coverme Technologies Ltd.  
06-05-2022 to 05-11-2022  
184 Day



## **Piyush Yadav**

TE IT  
Veracy consulting Private Limited  
01-07-2022 to 30-08-2022  
61 Day



## **Ambati Maneesha**

SE IT  
VVIOS for Tech Marathon  
01-06-2022 to 01-08-2022  
62 Day

# INTERNSHIP 2022-23 (Sem-I)

**Goldman Sachs**

 Persistent

**zuno**<sup>TM</sup>  
by monster®

 Microsoft

**PRIMO**  
EXCELLENCE REDEFINED

**LG**  
Ad Solutions

  
GeeksforGeeks



**Tally**

**\_VOIS**

POWER OF SIMPLICITY

Class	No of Student done the Internship
BE	40
TE	02
SE	03
TOTAL	45

# Faculty Publications

## Dr. Sangeeta Jadhav

- Paper published on Group Activity Recognition Based on Interaction Contextual Information in Videos Using Machine Learning in International Journal of Next-Generation Computing (IJNGC) , July 2022
- Paper published on Road Segmentation in High-Resolution Images Using Deep Residual Networks in Engineering, Technology & Applied Science Research (ESCI Journal) , Oct 2022
- Paper published on 2D Face Emotion Recognition and Prediction Using Labelled Selective Transfer Machine and CNN Transfer Learning Techniques for Unbalanced Datasets in International Journal of Intelligent Systems and Applications in Engineering (IJISAE) , Dec 2022
- Paper presented on KPSO: K-Mean and PSO based clustering algorithm for wireless Sensor Network in 6th International Conference on “Computing, Communication, Control and Automation”, ICCUBEA-2022 by PCCOE, Pune , Aug 2022
- Filled a patent on A CONGESTION CONTROL MECHANISM IN DYNAMIC WIRELESS SENSOR NETWORK USING COMPUTATIONAL INTELLIGENCE , Dec 2022



## Dr. Ashwini Sapkal

- Project group winner: Smart Bazaar 11th CSI INAPP International Project Competition



# Dr. Rahul Desai

- Paper published on Prediction of Market Trends using Machine learning in International Journal of Next-Generation Computing (IJNGC) , July 2022
- Paper presented on Fraud Detection Using Machine Learning in UMTEB International Scientific Research Congress-Xii By Mata Sundri College for Women, University Of Delhi , August 2022
- Paper presented on Detection and Prevention of Black Hole Attack under AODV Routing Protocol in International Scientific Research And Innovation Congress , August 2022
- Paper presented on Dynamic Image/Video Captioning Using Convolutional Neural Networks and LSTM in 2nd International Architectural Sciences and Applications Symposium , September 2022
- Paper presented on License Plate Detection and Recognition in International Virtual Conference on Recent Trends , Oct 2022
- Paper presented on Finger Reader for Blind Peoples in International Virtual Conference on Recent Trends in Applied Mathematics , Oct 2022
- Paper presented on Mental Health Analysis using Machine Learning and Artificial Intelligence in International Virtual Conference on Recent Trends in Applied Mathematics , Oct 2022
- Paper presented on Hand Sign Recognition using Deep Learning in International Virtual Conference on Recent Trends in Applied Mathematics , Oct 2022
- Paper presented on Blockchain in HealthCare in International göbeklitepe scientific research congress , Oct 2022
- Paper presented on International göbeklitepe scientific research congress in International göbeklitepe scientific research congress , Oct 2022
- Paper presented on Detection of Covid-19 using speech & voice analysis through Machine Learning in International Virtual Conference on Recent Trends in Applied Mathematics , Oct 2022
- Book chapter published on WBC Disease Prediction using Neural Network Classifier in 2321-2055 2321-2046 , June 2022
- Book chapter published on License plate detection and recognition in Green IoT: Sustainable Design and E-commerce Technologies , Oct 2022
- Book chapter published on Reducing routing overhead in Manet in Green IoT: Sustainable Design and E-commerce Technologies , Oct 2022



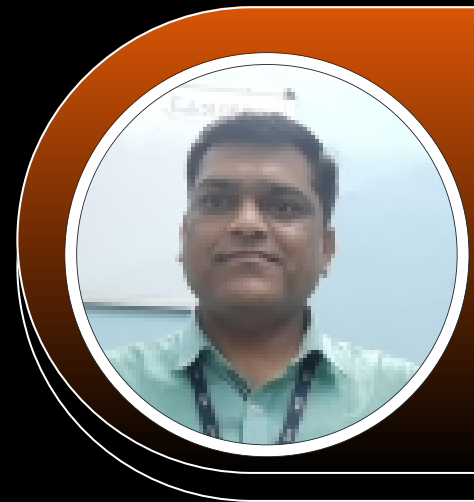
# Dr. Gajanan Walunekar

- Paper published on Prediction of Market Trends using Machine learning in International Journal of Next-Generation Computing (IJNGC) , July 2022
- Paper published on Behavior of Dynamic Routing Protocol for Disaster Area Scenario in International Journal of Next-Generation Computing , Nov 2022
- Paper presented on Dynamic Image/Video Captioning Using Convolutional Neural Networks and LSTM in 2nd International Architectural Sciences and Applications Symposium , September 2022
- Paper presented on License Plate Detection and Recognition in International Virtual Conference on Recent Trends , Oct 2022
- Paper presented on Blockchain in HealthCare in International göbeklitepe scientific research congress , Oct 2022
- Book chapter published on Reducing routing overhead in Manet in Green IoT: Sustainable Design and E-commerce Technologies , Oct 2022



# Prof. Yuvraj Gholap

- Paper published on Prediction of Market Trends using Machine learning in International Journal of Next-Generation Computing (IJNGC) , July 2022
- Paper presented on License Plate Detection and Recognition in International Virtual Conference on Recent Trends , Oct 2022
- Paper presented on Finger Reader for Blind Peoples in International Virtual Conference on Recent Trends in Applied Mathematics , Oct 2022
- Paper presented on Mental Health Analysis using Machine Learning and Artificial Intelligence in International Virtual Conference on Recent Trends in Applied Mathematics , Oct 2022
- Paper presented on Hand Sign Recognition using Deep Learning in International Virtual Conference on Recent Trends in Applied Mathematics , Oct 2022
- Paper presented on International göbeklitepe scientific research congress in International göbeklitepe scientific research congress , Oct 2022
- Book chapter published on License plate detection and recognition in Green IoT: Sustainable Design and E-commerce Technologies , Oct 2022



## Prof. Rupali Bagate

- Paper published on Sarcasm Detection with and without #Sarcasm: Data Science Approach in International journal of information science and management (ijism) , Oct 2022
- Paper published on Sarcasm Detection on tweets: Ensemble approach in International Journal of Next generation and computing , Oct 2022
- Paper published on Movie Recommendation Using Clustering and Nearest Neighbour in International Journal of Next generation and computing , Oct 2022
- Paper published on Sarcasm Detection on Text for Political Domain— An Explainable Approach in International Journal on Recent and Innovation Trends in Computing and Communication , Dec 2022
- Paper presented on Survey on Algorithmic Trading Using Sentiment Analysis in 6th International Conference on Advance Computing and Intelligent Engineering Lecture Notes in Networks and Systems (LNNS, volume 428) , Sep 2022
- Paper presented on Survey on Accent Correction and Region Prediction in 6th International Conference on Advance Computing and Intelligent Engineering Lecture Notes in Networks and Systems (LNNS, volume 428) , Sep 2022



## Prof. Geeta Patil

- Paper presented at Umteb International Scientific Research Congress-Xii Held on August 13-15, 2022 at Delhi, India Mata Sundri College for Women, University of Delhi.
- Paper presented at International Scientific Research and Innovation Congress at Istambul, Turkey on 26th to 27th August 2022.



## Dr. Aparna Joshi

- Paper published on In-depth analysis of dynamic degree load balancing technique in public cloud for heterogeneous cloudlets in Indonesian Journal of Electrical Engineering and Computer Science, DOI: 10.11591/ijeecs.v27.i2.pp1119-1126 , Aug 2022
- Paper published on Movie Recommendation Using Clustering and Nearest Neighbour in International Journal of Next generation and computing , Oct 2022
- Paper presented on Probable Deviation Outlier based Classification of Obesity with Eating Habits and Physical Condition in International Conference on Soft Computing And Signal Processing (ICSCSP-2022) , June 2022
- Paper presented on Survey on Algorithmic Trading Using Sentiment Analysis in 6th International Conference on Advance Computing and Intelligent Engineering Lecture Notes in Networks and Systems (LNNS, volume 428) , Sep 2022
- Paper presented on Survey on Accent Correction and Region Prediction in 6th International Conference on Advance Computing and Intelligent Engineering Lecture Notes in Networks and Systems (LNNS, volume 428) , Sep 2022



## Dr. Dipika Birari

- Paper published on Constraint & descriptor based Image Retrieval through sketches with data retrieval using RDH in International Journal IJISAE , Oct 2022.
- Paper published on Constraint and Descriptor Based Image Retrieval through Sketches with Data Retrieval using Reversible Data Hiding in International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING , Oct 2022



# NBA CERTIFICATE

## राष्ट्रीय प्रत्यायन बोर्ड

चीया तल, ईस्ट टावर, एन. बी. सी. प्लेस, भीष्म 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,

**Army Institute of Technology**  
Dighi Hills, Pune-411015.

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

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

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 16<sup>th</sup> to 18<sup>th</sup> 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.

Contd./...

Tel: +91 11 2436 0620-22, 2436 0654; Telefax: +91 11 4308 4903  
Website: <http://www.nbaind.org> | Email: [membersecretary@nbaind.org](mailto:membersecretary@nbaind.org)



# 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.**



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