



CONNECTIONS

January to June 2018
Volume #4, Issue #1

DEPARTMENT OF INFORMATION TECHNOLOGY



In This Newsletter

Faculties' and Students Achivements

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Editorial Team

Prof. Uday Rote, Head of Department

Dr. Vaishali Gaikwad, Assistant Professor

Mr. Raunaq Porwal , Student - 4th Year

Ms. Bhumi Dedhia, Student - 4th Year

Vision of Department

To be recognized as a centre of excellence in the field of Information Technology where inquisitive minds of students are fostered, leading to skilled professionals and contributing citizens.

Mission of the Department

- To produce industry-ready engineers by imparting quality education and enhancing their proficiency with strong engineering foundation and in-depth knowledge of Information Technology.
- To encourage curiosity, creativity, innovative thinking, culture of continuous learning, and multidisciplinary activities for developing state-of-the-art solutions to real-world problems.
- To serve humanity by creating socially responsible citizens with high ethical values who can communicate effectively and work independently or in groups.

Program Educational Objectives (PEOs)

- Program Graduates will be able to apply knowledge of engineering fundamentals and cutting-edge Information Technology to identify and implement innovative solutions for engineering problems and issues in society.
- Graduates will be able to exhibit their employability skills and practice the ethics of their profession with a sense of social responsibility.
- Graduates will have strong interpersonal skills and will engage in life-long learning to enhance their career positions, both as team members and leaders.Objectives (PEOs).

Program Specific Outcomes (PSOs)

- Graduates will be able to apply standard software engineering practices in real-world project development to deliver efficient, secure and novel solutions.
- Graduates will be able to apply the contemporary trends in Information Technology like Internet of Things and Data Science in diverse application areas.

Faculties Achievements

- Prof. Vaishali Gaikwad attended The South Asia Communities Volunteers Conference 2018 to be held at Mamallapuram Radisson Blu Resort Temple bay, Chennai, Tamilnadu from 01st Feb. 2018 to 3rd Feb. 2018.



Faculties Achievements

- Prof. Vaishali Gaikwad invited as Judge for PATW Competition University Level Round at Mukesh Patel School of Technology Management & Engineering, Vile Parle, Mumbai on 18th Feb. 2018.



Faculties Achievements

- Prof. Vaishali Gaikwad attended National Conference, Panel discussion & Workshop on “Recent trends in Cyber Frauds Investigations & Forensics” organized by SIEM, Sandip Foundation's, Nashik on 27th & 28th April 2018.

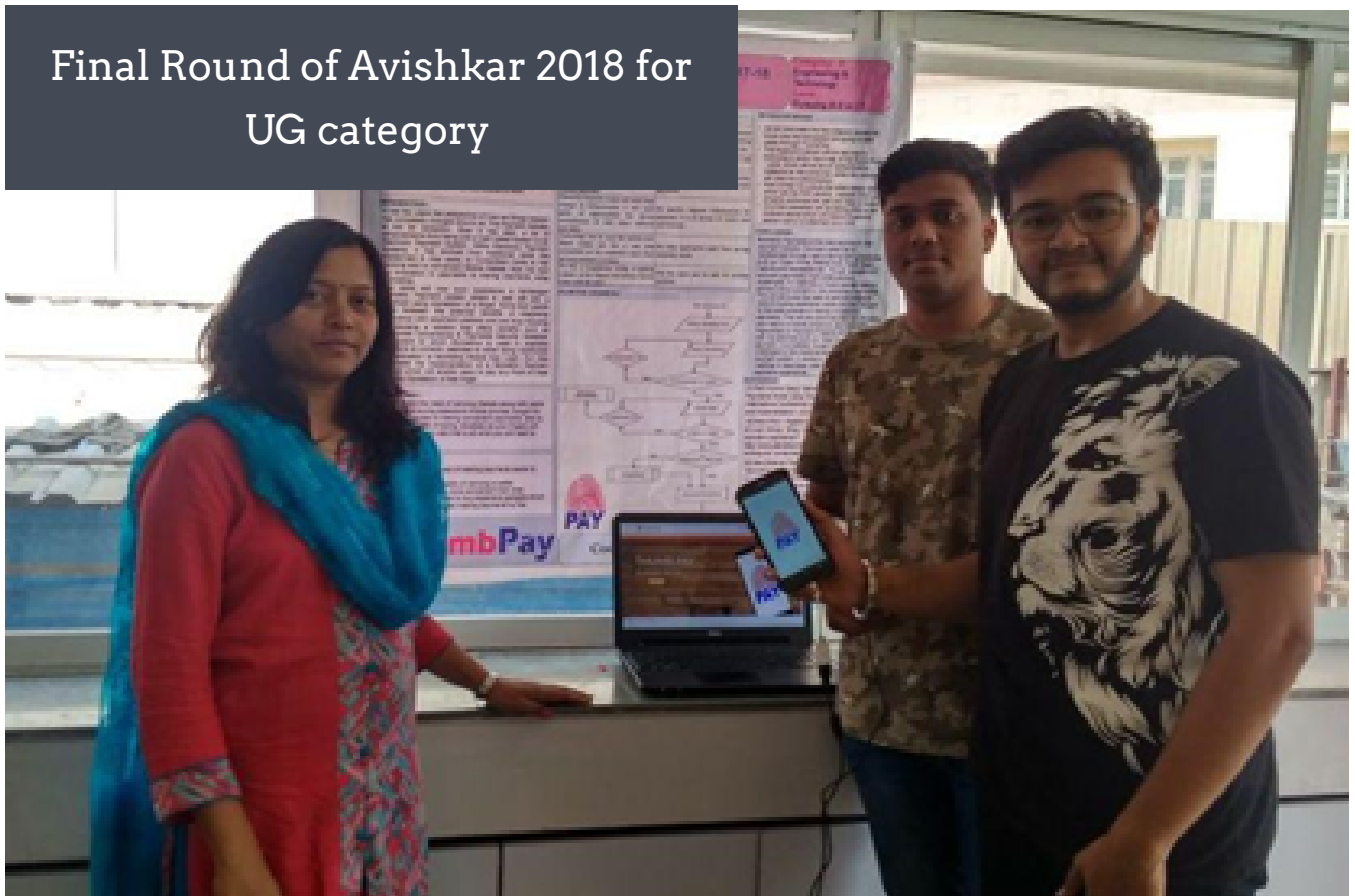
Prof. Vaishali Gaikwad attended National Conference



- Prof. Vaishali Gaikwad setting a question paper of subject CSM, sem. VIII, year BE for University of Mumbai.
- Prof. Vijaya Pinjarkar attended orientation program for Operating System subject and Unix Lab at Terna Engg college Nerul on 11/01/2018.

Student Achievements

- Project "Thumpay " Selected for Final Round of Avishkar 2018 for UG category



- Project " Thumpay " received institute level research grant (Financial Year-2017-18).

Faculties' Development

- Prof. Uday Rote received Minor Research Grant from University of Mumbai for project titled "Improvement of the Performance of Routing Protocol in Wireless Sensor Network".

ICAST Publications

Faculty Name :

Prof. Uday
Rote

- Paper Title: Anti-Theft Mobile Application
- Conference name: International Conference on Advances in Science and Technology (ICAST)
- Journal Name: International journal on Advance in Wireless Communication (AWMC)
- ISSN, Vol, ISSUE, PP: 0973-6972, 11, 1, 166-168
- Month & year: 6,7, April 2018

Faculties' Development

- Paper Title: Fuel level Calibration Using Wireless Sensor Network
 - Conference name: Journal
 - Journal Name: Open Access International of Science and Engineering (OAIJSE)
 - ISSN,Vol,ISSUE,PP: 2456-3293,3,1,131-134
 - Month &year: March,2018
-

- Paper Title: Anti-Theft Mobile Tracking Application
 - Conference name: Journal
 - Journal Name: Open Access International of Science and Engineering (OAIJSE)
 - ISSN,Vol,ISSUE,PP: 2456-3293,3,1,119-124
 - Month &year: March,2018
-

- Paper Title: IoT Based Petrol Level Detection
- Conference name: International Conference on Advances in Science and Technology (ICAST)
- Journal Name:International journal of Computational Intelligence Research (IJCIR)|
- ISSN,Vol,ISSUE,PP: 0973-1873,14,1, 130-134
- Month &year: 6,7, April 2018

Faculty Name :

Dr. Mansing
Rathod

- Paper Title: Android Application for Women's Safety and Security
 - Conference name: International Conference on Advances in Science and Technology (ICAST)
 - Journal Name: International journal on Advance in Wireless Communication (AWMC)
 - ISSN, Vol, ISSUE, PP: 0973-6972, 11, 1, 166-168
 - Month & year: 6,7, April 2018
-

- Paper Title: Detection of Web Scraping Using Machine Learning
- Conference name: Journal
- Journal Name: Open Access International of Science and Engineering (OAIJSE)
- ISSN, Vol, ISSUE, PP: 2456-3293, 3, 1, 119-124
- Month & year: March, 2018

Faculties' Development

- Paper Title: Android Application for Crop Yield Prediction and Crop Disease Detection
 - Conference name: Journal
 - Journal Name: International journal of Innovative Science and Research Technology (IISRT)
 - ISSN,Vol,ISSUE,PP: 2456-2465,3,1,236-239
 - Month &year: March,2018
-

- Paper Title: Android Application for Crop Yield Prediction and Crop Disease Detection
 - Conference name: Journal
 - Journal Name: Open Access International of Science and Engineering (OAIJSE)
 - ISSN,Vol,ISSUE,PP: 2456-3293,3,1,119-124
 - Month &year: March,2018
-

- Paper Title: Comparative Study of Wavelet Methods for Resolution Enhancement of Satellite Images
- Conference name: International Conference on Advances in Science and Technology (ICAST)
- Journal Name: International journal on Advances in Computational Science and Technology (ACST)
- ISSN,Vol,ISSUE,PP: 0973-6107, 11,1,28-33
- Month &year:6,7, April 2018

Faculties' Development

Faculty Name :

Mrs. Nasim
Shah

- Paper Title: Lan Monitoring and Controlling Through Android Device Using Wi-Fi
 - Conference name: International Conference on Advances in Science and Technology (ICAST)
 - Journal Name: International journal on Advance in Wireless Communication (AWMC)
 - ISSN,Vol,ISSUE,PP: 0973-6972, 11, 1, 191-193
 - Month &year: 6,7, April 2018
-

- Paper Title: Android Based Lan Monitoring and Controlling
- Conference name: Journal
- Journal Name: Open Access International of Science and Engineering (OAIJSE)
- ISSN,Vol,a,PP: 2456-3293,3,1,154-158
- Month &year: March,2018

Faculties' Development

Faculty Name :

Mr.Harsh
Bhor

- Paper Title: Advertising on Target Audience:Using Behavioral, Spatial and Sentimental Analysis
 - Conference name: Proceeding of the second international Conference on Computing and Communication (ICCMC)
 - Journal Name: Open Access International of Science and Engineering (OAIJSE)
 - ISSN,Vol,ISSUE,PP: IEEE Explorer ISBN:978-1-5386-3 ,PP.928932
 - Month &year: 2018
-

- Paper Title: Android Based Lan Monitoring and Controlling
- Conference name: Journal
- Journal Name: Open Access International of Science and Engineering (OAIJSE)
- ISSN,Vol,a,PP: 2456-3293,3,1,154-158
- Month &year: March,2018

Faculty Name :

Mrs.Vijaya
Pinjarkar

- Paper Title: Thumb Pay
 - Conference name: International Conference on Advances in Science and Technology (ICAST)
 - Journal Name: International journal of Computational Intelligence Research (IJCIR)
 - ISSN,Vol,ISSUE,PP: 0973-1873,14,1, 126-129
 - Month &year: 6,7,April 2018
-

- Paper Title: Location categorization into different privacy levels in Mobile Social Network
- Conference name: International Conference on Advances in Science and Technology (ICAST)
- Journal Name:International journal on Advance in Wireless Communication (AWMC)
- ISSN,Vol,ISSUE,PP: 0973-6972, 11,1,162-165
- Month &year: 6,7,April 2018

Faculties' Development

- Paper Title: Detection of phishing Site using URL Features
- Conference name: International Conference on Advances in Science and Technology (ICAST)
- Journal Name: International journal on Advances in Computational Science and Technology (ACST)
ISSN,Vol,ISSUE,PP: 0973-6107, 11,1,150-154
- Month &year: 6,7, April 2018

Faculty Name :
Mrs.Vaishali
Gaikwad

- Paper Title: Multifactor Authentication For Security
- Conference name: International Conference on Advances in Science and Technology (ICAST)
- Journal Name: International journal on Advance in Wireless Communication (AWMC)
- ISSN,Vol,ISSUE,PP: 0973-6972, 11, 1, 170-175
- Month &year: 6,7, April 2018

Faculties' Development

- Paper Title: Car Parking System
 - Conference name: International Conference on Advances in Science and Technology (ICAST)
 - Journal Name: International journal of Computational Intelligence Research (IJCIR)
 - ISSN,Vol,ISSUE,PP: 0973-1873,14,1, 108-113
 - Month &year: 6,7,April 2018
-

- Paper Title: Blood Donors Around Us
- Conference name: International Conference on Advances in Science and Technology (ICAST)
- Journal Name: International journal on Advances in Computational Science and Technology (ACST)
- ISSN,Vol,ISSUE,PP: 0973-6107, 11,1,181-186
- Month &year: 6,7,April 2018

Faculties' Development

Faculty Name :

Mrs.Reena
Lokare

- Paper Title: Android Application for Soil Analysis Using OCR Technique
 - Conference name: International Conference on Advances in Science and Technology (ICAST)
 - Journal Name: International journal on Advance in Wireless Communication (AWMC)
 - ISSN, Vol, ISSUE, PP: 0973-6972, 11, 1, 159-161
 - Month & year: 6,7, April 2018
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- Paper Title: Online Bidding System with AI
- Conference name: Journal
- Journal Name: International journal of Innovative Science and Research Technology (IJSRT)
- ISSN, Vol, ISSUE, PP: 2456-2165, 3, 3, 168-171
- Month & year: March, 2018

Faculties' Development

- Paper Title: Resume Refinement System using Semantic Analysis
- Conference name: Journal
- Journal Name: International journal of Innovative Science and Research Technology (IJISRT)
- ISSN,Vol,ISSUE,PP: 2456-2165,3,3,193-195
- Month &year: March,2018

Faculty Name :

Mr.Prashant
Sawant

- Paper Title: Livzy- Making Living Easy and Smart
- Conference name:Journal
- Journal Name: International journal of Innovative Science and Research Technology (IJISRT)
- ISSN,Vol,ISSUE,PP: 2456-2165,3,3,193-195
- Month &year: March,2018

Faculty Name :

Mrs.Sarita
Rathod

- Paper Title: Mobile Only Search Engine(MOSE)
- Conference name: International Conference on Advances in Science and Technology (ICAST)
- Journal Name: International journal on Advance in Wireless Communication (AWMC)
- ISSN,Vol,ISSUE,PP: 0973-6972, 11, 1 ,155-158
- Month &year: 6,7,April 2018

Students Achivements

Inter Institute Events within the state

- Students of IT department Neha Solanki, Aboli Tupe, Padma Anaokar have participated in National Level Working Model Contest IET-KARMAVEER EXPO'18, conducted on April 23-24, 2018 by K. K. Wagh Institute of Engineering Education & Research, Nashik.
- Student of IT department Mr. Aditya Patwardhan were Top 5% Performer in NPTEL online certification exam held in January-April, 2018.
- Student of IT department Mr. Harshad Vaviya were Top 5% Performer in NPTEL online certification exam held in January-April, 2018.
- 5 students from Information Technology Department complete the NPTEL " Programing, data structure and algorithms using python " course successfully.
- 1 student from Information Technology Department complete the NPTEL " How to create brain creates mind" course successfully.

Students Achivements

Inter Institute Events Outside the state

- Students of IT Mr. Rohit Bokade, have won in Touch the Jovian Moon-Lander Mission Design Contest, conducted on May 05, 2018 Organised by LPSC-ISRO (in the glory of Pearl Jubilee Celebration).

Students' Development Activities

- Prof. Vijaya Pinjarkar arranged expert talk on 'Web Security and Access Control Policies' on 21st Feb. 2018 from 10:0am to 11:00am for class SE & TE.
- Prof. Reena Lokare arranged expert talk on 'Neural Networks' on 22nd Feb. 2018 from 10:0am to 11:00am for class TE & BE.

Objectives :

- **Students will be able to :**

1. Get an overview of Artificial Intelligence, Machine Learning etc.
2. Understand Neural Network Technique in detail.
3. Understand applications of machine learning

Outcome/Achievements :

- **Students should be able to:**

1. Understand Artificial Intelligence, Machine learning technologies.
2. Understand neural network in detail.
3. Think/ Imagine of applications where neural network can work effectively.

Students' Development Activities



Expert talk
Session

- Prof. Nasim Shah arranged expert talk on “How to crack Technical interview in JAVA and their importance in IT” on 27th Feb. 2018 from 09:10am to 11:00am for class BE.

Students' Development Activities

- Prof. Vaishali Gaikwad arranged expert talk on “Awareness of Cyber Security and IoT” on 15th March 2018 from 11:10am to 01:10pm for SE students.

Objective:

1. To make students familiar with Cyber Security
2. To get insight into the IoT field

Awareness of Cyber Security and IoT



Students' Development Activities

- Prof. Mansing Rathod arranged expert talk on “Agile Processing Model” on 15th March 2018 from 09:00am to 10:00am for TE students.

Objective:

1. Students are able to understand the concept of software engineering
2. Students are learned differences of both the traditional and agile processing models.
3. Comparison between life cycle and processing model.
4. Important phases to develop software.
5. Comparison between product and project managers
6. Some important principles of agile processing model



Students' Development Activities

- Prof. Anamika Singh arranged expert talk on “Overview of Integrated Circuits for Wireless Communication” on 23rd March 2018 from 11:10am to 01:10pm for all dept. students.

Objectives :

- **Students will be able to :**

1. Understand a typical communication system with circuit designer's perspective.
2. Understand challenges involved in each building block.
3. Understand circuits for mm-Wave communication.

Outcome/Achievements :

- **Students should be able to:**

1. Understand a typical communication system with circuit designer's perspective
2. Understand challenges involved in each building block
Understand circuits for mm-Wave communication

Students' Development Activities

expert talk on “Overview of
Integrated Circuits for
Wireless Communication”



Internship Details

- Kiratan Bhat from Third Year IF Successfully completed FOSSEE Python internship from Indian Institute of Technology Mumbai .
- Ashta Shukla from Third Year IT completed Internship in Intellinect.com, Finance Lookup, showheads EMG from Month January- May 2018
- Ranjan Chaubey, Ronaq, Porwal, Paras Chavda, meet Desai complted Big Data Hadoop Internship from Cognito IT Pvt, Ltd.

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