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NEWSLETTER

VOLUME-12

INFORMATION TECHNOLOGY

IT Department

From the Desk of HOD



The Department of Information Technology was established with an aim of promoting high quality education in the field of Science and Technology. The teaching is assisted with digitalized presentation for better understanding of the students. Industrial visits are arranged for students to gain practical experience. Newsletter is an amalgamation of all the events held in the department and it plays an instrumental role in providing a greater exposure of the achievements accomplished by the students and the faculty.

The objectives of the newsletter are to mainly focus on the:

- Achievements of the Students and Faculty members from the IT department in Curricular, Co-curricular and Extra-curricular Activities.
- The Recent trends in the area of Information Technology and related areas.

I congratulate all my team members for their constant efforts in launching this News Letter. We are very grateful to our

Management, Director and Principal for their support and encouragement.

Vision of College

To become center of excellence in engineering education and research.

Mission of College

To educate students to become quality technocrats for taking up challenges in all facets of life.

Mission of Department

- To impart quality education.
- To develop technical and managerial skills through training and modern teaching-learning process.

Vision of Department

To create technically qualified talent through research to take up challenges in industries.

Program Educational Objectives

- To prepare the candidate for a successful career in the IT industry and make him acquainted with the latest software and hardware related to Information Management.
- To make candidate to develop software development ability to take up challenges in the industry by making Business oriented software dealing with mass amount of data (information) intelligently and new research oriented projects.
- To provide the candidate with a sound foundation in mathematics, software technologies, database technology,

networking, hardware and to prepare them for graduate studies.

- To promote student awareness of lifelong learning and to introduce them to professional ethics and codes of professional practice.
- To make the candidate a complete computer literate, who can work on various platforms.
- To enable the student's implementation of security ethics regarding reading the Hackers mind and understand the hacking technology and methodology.
- To enable student to work productively as IT Engineers, including supportive and leadership roles on multidisciplinary teams.
- To guide and motivate students to engage in continuous learning through higher studies.
- Design a system, component or process to meet the desired needs within realistic constraints such as, economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- Function in multidisciplinary teams.
- Identify, formulate, and solve engineering problems.
- Understand professional and ethical responsibilities.
- Communicate effectively.
- Recognize need and an ability to engage in life-long learning
- Identify contemporary issues, and an ability to use the techniques, skills, and modern engineering tools necessary for engineering practices.
- Build career as administrator or an entrepreneur.



Program Outcome

At the end of the course Students will be able to:

- Apply knowledge of mathematics, science, and engineering,
- Design and conduct experiments, as well as to analyze and interpret data.

Teacher's day Celebration

(05/09/2015)



"If a country need to be corruption free and become nation of beautiful minds, I strongly feel that there are three key societal members who can make difference, They are the father, the mother and the Teachers"—By Mr. Abdul .P.J. Kalam. With this note the students of IT department planned a day to celebrate with the teachers. Students arranged various cultural programs and activities in Seminar hall and gift a memento to reflect the love and respect for the teachers by the students.

Technical Training on C,C++ and Java

(27/07/15 & 30/07/15)



Speaker - Mrs.Deepika & Mr.Sandeep Chatuphade from Seed INFOTECH has delivered a technical training seminar on C++ and Java for students. Aim behind this training is to build up knowledge, confidence and improve technical skills of students. Total 55 students participated from final year.

**Personality Development
Workshop** (03/08/15 & 07/8/15)



Department of Information Technology has organized workshop on "Personality Development" for Students. Workshop amplified the knowledge on topics like body language, behavior, communication skills and aptitude test tricks and their impact on life of students. Total 57 students participated from final year.

Seminar on Foreign Education
(15/08/2015)



Speaker- Dr.Jonathan Hill, Associate Dean, Pace University Washington, D.C .He is talented professor with down to earth personality and he is very passionate about his subject. Seminar headed different ways of applying for foreign education and different engineering fields or branches that students can apply. Main Objective of the seminar was to make student aware of how to go for higher studies in abroad. Total 125 students participated from second year, third year and final year.

Seminar on Cloud Computing
(1/9/2015)





Speaker- Mr. Bhushan Jadhav, Professor from Thadomal College of Engg has delivered 3hrs seminar on "Cloud Computing". During the seminar students learned about how to create a public cloud, how data is stored and accessed from cloud by giving real time example. Total 34 students attended the seminar from final years.

Parents Teacher Meet (12/09/2015)



IT Department has organized "parents Teacher Meeting" on 12/09/2015 with the following objective:

- To discuss overall performance of their ward.
- To take feedback from parents for the development of college.

Parents were allowed to meet the teachers in their respective class room. The class advisor shared the progress of students in terms of attendance, term Test performance and involvement of students in other activities with their respective parents. Meeting Lasted for three hours clearing doubts and counseling students with their parents.

Donation Drive at Vidya Orphanage (15/09/2015)



Students of Information Technology Department have organized a "Donation Drive at Vidya Orphanage". Escalated thousands of smiles on face of the

children's. Drive Clustered various thing like clothes, old books, tooth brushes, pen & pencil boxes, biscuits etc.. Drive concluded successfully. Total 40 students participated and whole college contributed in this drive.

Marathon(Run for Alcohol free kharghar) (20/09/2015)



Saraswati College of Engineering has organized "Marathon(Run for Alcohol free kharghar)" for everyone. Valuable cause surge for Marathon made everyone to participate energetically and concluded with a good start for "Say No To Liquor". IT Department has taken care of food and hospitality for the runners. Over 225

Students, People, Staff participated in marathon.

Seminar on PL/SQL (9/10/2015)



Department of Information Technology has organized a seminar on "PL/SQL". Speaker- Prof. Rohit Barve, Assist.Prof at Vidyalankar College of Engineering. Seminar headed on basics of PL/SQL and real time examples of all the databases. Surge Students on how to develop a project using PL/SQL about how to trigger events and develop small projects on Databases. Total 52 students attended the seminar from second year.

Workshop on Android Operating System (10/10/2015)



Department of Information Technology has organized one day workshop for third year students on "Android Operating System" on 10th Oct 2015. Prof. Bhushan Jadhav from Thadomal Shahani College of Engineering was the expert for the workshop. Workshop headed basics of Android and surge Students on how to develop a project in android. Guided Students on scope of android. Total 59 students participated from third year.

Workshop on Linux (16/10/15)



Department of Information Technology has organized one day workshop for Faculty on "Linux". Speaker- Mr. Jagjit Phull, has good knowledge of linux and has delivered effective workshop on Linux. Main objective of the workshop was to make staff aware of free open source Software and get hands-on on

Linux. Total 14 staff participated from IT department.

Workshop on Python and Ruby (19/10/15 to 20/10/15)



Department of Information Technology has organized two day workshop for Faculty on "Python and Ruby". Speaker- Mr. Vishal Kutte has delivered effective workshop on Python and Ruby. Headed on basics of python, ruby and start up for writing a program and its use in industry. Total 14 staff participated from IT department.

International Conference of Advances in Science & Technology (ICAST) (08/12/15 & 09/12/15)





Department of Information Technology and Civil Department has organized "International Conference of Advances in Science & Technology (ICAST)" for research enthusiast. Conference inaugurated by the hands of the chief guest Dr. D M. Devaikaar (Emeritus Professor, Dept. Civil Engg, IIT. Bombay). Mr. Krishnakant Mane (The founder of Digital Freedom Foundation), was the guest of Honor. Conference provided one such platform which

enlightened the thoughts, views and efforts of researchers. Total 155 papers were published from all various engineering fields.

Industrial Visit to Mattsenkumar, Gurgaon (03/12/2015)



Department of Information Technology has organized "Industrial Visit to Mattsenkumar, Gurgaon". Main objective is to make students aware about emerging trends and working environment of IT industry. The seminars emphasizes on following topics like discipline in company, how employees communicate with clients, company's infrastructure and how data confidentiality is managed. Total 78 students went to visit company from final year.

Students Achievements

Toppers for the Academic Year 2015-2016

- | | |
|---------------------|------|
| • BE (Sem-VII) | CGPA |
| 1) Rashmi Borsutkar | 8.96 |
| 2) Ravina Taru | 8.30 |
| • TE (Sem-VI) | |
| 1) Kunal Mhatre | 7.96 |
| 2) Chetan Poojari | 7.62 |
| • SE (Sem-III) | |
| 1) Rabeena Panda | 8.75 |
| 2) Akash Wagh | 8.39 |

Publications:

The paper published/presented:

- | Sr. No | Paper Title & Published by |
|--------|--|
| 1. | Operating System Containers V/S. Application Containers.
⁻¹ Saud Meethal, ² Jayesh Rao, ³ Janmejy Parmar (ICAST 2015) |
| 2. | IPv4-to-IPv6 Transition And Co-Existence Strategies.
⁻¹ Binita Mayekar, ² Sapana Bhuskute, ³ Shital Patil (ICAST 2015) |
| 3. | An Introduction To Bigtable : A Storage Model For Handling Massive volumes Of Structured Data.
⁻¹ Chetan Mhatre, ² Fareen Shaikh, ³ Ritesh Kamble (ICAST 2015) |
| 4. | Survey Of Different Attacks Against Routing Protocols In Ad Hoc Environment.
⁻¹ Ashish Patil, ² Nilesh Marathe, ³ Pooja Padiya (ICAST 2015) |

Staff Achievements**Publications:**

The paper published/presented:

[1] Prof. Vaishali P. Jadhav

1. Analysis on QoS-Oriented Distributed Adaptable Opportunistic Routing Algorithm for Hybrid Wireless Networks. (ICAST 2015)
2. Enhancing Privacy Protection in Personalized Web Search. (ICAST 2015)

[2] Prof. Shilpa G. Kolte

1. An Introduction to Big table: A Storage Model for Handling Massive Volumes of Structured Data. (ICAST 2015)
2. Operating System Containers V/S. Application Containers. (ICAST 2015)
3. Novel Survey on Ontology For Healthcare. (ICAST 2015)
4. Anomaly Detection in Big Data Based on its Context. (ICAST 2015)
5. Client Side Privacy Protection using Personalized Web Search. (ICAST 2015)

[3] Prof. Vrushali P. Thakur and Prof. Vaishali P. Jadhav

1. Survey On Routing Mechanisms and Rebroadcast Techniques for Reducing Routing Overhead In MANET. (ICAST 2015)

[4] Prof. Shital K. Ajagekar

1. Survey paper on Web Vulnerability Scanning Tool. (ICAST 2015)

Algorithm for Hybrid Wireless Network.

[5] Prof. Praveen S. Shinde

1. Adaptive Encryption Model for Cloud Databases. (IISRC 2015)

2. Prof. 2015-16
Anuradha
Dandwate

Deformed Identity Crime Detection for Textual and Image Data in Big Data Environment

[6] Prof. Eirya K. Telang

1. Interface Between Global Optimization and Computer Science. (ICAST 2015)

****Placements****

[7] Prof. Yogesh H. Jadhav and Prof. Praveen S. Shinde

1. RSS Based Exploration and Localization of various Spoofing attacks in wireless networks using GADE. (ICAST 2015)

Sr. No	Student Name	Company Name
1.	Namrata Pawale	Protigrity
2.	Pranali Pawar	Minecraft software pvt.ltd
3.	Saud Meethal	Minecraft software pvt.ltd
4.	Shubham Singh	Minecraft software pvt.ltd
5.	Tejas Rane	Minecraft software pvt.ltd
6.	Srinidhi Shetty	Minecraft software pvt.ltd
7.	Jayesh Rao	Minecraft software pvt.ltd
8.	Harshal Tawade	Minecraft software pvt.ltd
9.	Janmaejay Parmar	Sutherland
10.	Fareen Shaikh	Sutherland
11.	Kamlesh Pandey	Sutherland
12.	Shreya Kadam	Sutherland

[8] Prof. Poonam R. Hankare and Prof. Hemalata A. Gosavi

1. Medicinal Decision Support System for Cardiovascular Disease Using Data Mining Techniques. (ICAST 2015)

****Research Proposals****

Sr. No	Name of the faculty	Year	Title of Proposals
1.	Dr. Bharti Joshi	2015-16	A QoS oriented Distributed Adaptable Opportunistic Routing

13. Akash Konkane Sutherland
14. Shital Patil Sutherland
15. Roshani Mhatre Sutherland
16. Ansu Vatsa Sutherland
17. Ritesh Kamble Sutherland
18. Govind Mishra Sutherland
19. Devendra Zaware Sutherland

Editorial Board

Chief Editors

Prof. Munjusha Deshmukh

Prof. Vaishali Jadhav

Staff Editor

Prof. Poonam Hankare



We are responsible for what we are, and whatever we wish ourselves to be, we have the power to make ourselves. If what we are now has been the result of our own past actions, it certainly follows that whatever we wish to be in future can be produced by our present actions; so we have to know how to act.

-Swami Vivekananda