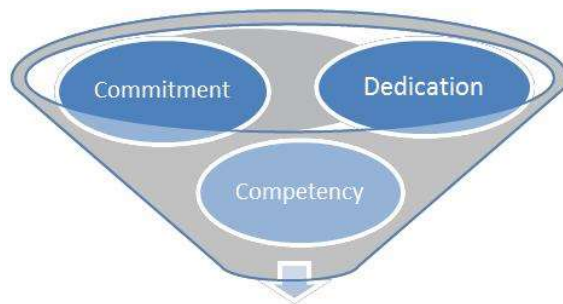**VOL 15**

Saraswati Education Society's
Saraswati College Of Engineering, Kharghar, Navi Mumbai
Department of Computer Engineering
NEWS LETTER (JULY-DEC 2015)

DEPARTMENT OF COMPUTER ENGINEERING

Editors
Dr. Manjusha Deshmukh (Principal)
Dr. Bharti Joshi (HOD)
Prof.Bhagyashri Sonwale (A.P)

Mission:

To provide simulating learning environment with a technological orientation to maximize individual potential.

Vision:

To imprint knowledge to our students to excel engineering culture and research and nurture them to become ethically rich professional.

Program Educational Objectives (PEOs):

- To prepare the candidate for a successful career in the industry and make him acquainted with the latest software and hardware
- To enable student to work productively as computer engineers, including supportive teamwork and leadership roles on multidisciplinary teams,
- Graduates are prepared to be responsible computing professionals in their own area of interest,
- To provide the candidate with a sound foundation in mathematics, software technologies, database technologies, networking, hardware and to prepare them for post graduate studies and research programs,
- To promote the awareness of lifelong learning among students and to introduce them to professional ethics and codes of professional practice,
- To demonstrate effective communication skills in oral, written and electronic media.

Program outcomes:

- An ability to apply knowledge of mathematics, science, &engineering.
- An ability to design and conduct experiments, as well as to analyze& interpret data.
- An ability to design a system , component or process to meet the desired needs within realistic constraints such as , economic, environmental ,social, political, ethical , manufacturability.
- An ability to function in multidisciplinary teams.
- An ability to identify, formulates, and solves engineering problem.
- An understanding of professional and ethical responsibility.
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in global, economic, social context and environmental.
- Ability to apply the engineering

knowledge in all domains, viz., health care, banking &Finance, other professions such as medical, law, etc.

FROM THE DESK OF HOD

It gives me a great pleasure to present the News Letter for this semester. The department offers excellent academic environment with a team of highly qualified faculty members to inspire the students to develop their technical skills and inculcate the spirit of team work in them. The strength of the department lies in the highly motivated students who understand the dynamics of the industry and hone their skills accordingly. Special Lectures are organized to help students to develop balanced and well-groomed personality& also successful professionals.

OUR FOOTPRINTS:

1. SE Induction Program (13th July'15)

Introduction of all the faculties of computer dept. with second year student,

2. Seminar on Carrier Guidance(17th July 15)

In the seminar an interesting session carried by Mr. Vinay to tell the students about the seriousness of placements and academics. Motivate the students for their successful carrier.

3. Seminar on Technical & Aptitude Training (27th to 31st July'15)

Seminar on Technical & Aptitude Training was addressed by Mr. Vinay Raikar. This Seminar is conducted to bridge the gap of learning and actual application. The seminar inspired the students a lot about the way of smart learning.

4. Training on C++ (3rd & 4th Aug 15)

Students had learnt how to use c++ code in real time application. C++ is used to create general system software, drivers for various computer devices, software for servers & software for specific application.

5. Training on JAVA(5th & 6th Aug 15)

Students learned java language which is used for developing smart card applications, mobile applications, or server-side enterprise applications.

6. Training on ORACLE(7th Aug 15)

Students learned Oracle which offers a database solution that can lower IT costs, while maintaining security.

7. Seminar on soft computing(21st Aug 15)

Students learned how to build intelligent & wiser machines. They learned about how to develop computer or machine which works in similar way as human beings can do i.e. the wisdom of human beings can replicated in computers in some artificial manner.

8. Carrier guidance seminar for TE students(2nd Sept 15)

Students learned how to crack & get a good career.

9. Teachers Day & ACE members Felicitations(5th Sept 15)

5th of September is celebrated as Teachers day in the memory of **Dr.Sarvapalli Radhakrishnan** for his grate deeds in the field of education. The event began with enlightening the sacred light by our **Principal Dr.Manjusha Deshmukh** & the **H.O.D. of Computer Engineering Department Dr. Bharti Joshi** along with the President of ACE committee. Our Principal madam addressed the students by sharing her knowledge & inspiring experiences. All the faculties of Computer Engineering Department were felicitated with mementos by the member of ACE committee.

11. Engineer's Day(15th Sept 15)

Engineers Day accounts for the memory of Scientist **Visveshwraya** for his grate deeds. The LAN gaming events was conducted by ACE committee of Computer Engg. Department. The event began with enlightening the holy light by our **Principal Dr.Manjusha Deshmukh** & the **H.O.D. of Computer Engineering Department Dr. Bharti Joshi** along with the President of ACE committee. The participants of the event were come from intra & inter college students.

10. Seminar on Android OS for SE & TE student(10th Sept 15)

The session started with development of Mobile computing with android as Google is developing applications for mobile phones Android stocks, some Internet company developing Google Maps and Google Calendar with the original, to enhanced mobile phones, their main aim to develop more Online Application. The session concluded with future aspects of android. Android's open nature, one can imagine, how developers can use the new device. In addition note was added on how SDK, developers can easily require the user to explore the functions.

12. Seminar on Foreign exchange program (23rd Sept 15)

13. Linux training (16th Oct 15)

Training on Linux has been organized on on 16th Oct 15 delivered by Prof. Bhushan Jadhav (Asst. Prof.), has been

working in Thadomal Shahani College of Engineering, Bandra, Mumbai University for M.E and B.E students. This training included the essential skills needed to be proficient at the Linux command line. Comprehensive hands-on course provided the knowledge and skills needed to install, configure and administer a Linux server and also explained how Linux virtualization is beneficial.

14. Training on Ruby & Python(20th&21st Oct 15)

Inspirational Quotes

"Believe in yourself and all that you are. Know that there is something inside you that is greater than any obstacle."-**Christian D. Larson**

"Our greatest weakness lies in giving up. The most certain way to succeed is always to try just one more time." -**Thomas A. Edison**

"The Expert in anything was once a beginner." -**Helen Hayes**

"All the powers in the universe are already ours. It is we who have put our

hands before our eyes and cry that it is dark."-**Swami Vivekananda**

"Perfection is not attainable, but if we chase perfection we can catch excellence."-**Vince Lombardi**

TOPPERS:

M.E:

1. Shatabdi Bhalerao-7.27
2. Rupali Sharma- 7.18
3. Shital Ajagekar-7.09

BE: (VIII)
1. Gujar Aishwarya-81.8%
2. Nirlipta Gaur- 80.2%
3. Madhura Bhatkar-78%

BE: (Overall)
1. Gujar Aishwarya-78.46%
2. Nirlipta Gaur- 77%
3. Madhura Bhatkar-76.33%

TE(CGPA):
1. Karthika Murugavel- 8.25
2. Bhagyashree S.-8.17
3. Patil Sayali-7.96

SE: (CGPA)
1. Kamble Harshada- 8.2
2. Satam Sayali-7.79
3. Khamkar Vanita- 7.75

STUDENTS PLACEMENT

Sr.No.	Name	Company
1	Mohit Kumar Singh	Protegrity
2	Bhagyashree	Mindcraft
3	Tejas Rajiv	Protegrity
4	Amogh Tiwari	Mindcraft
5	Sreeja Nair	Mindcraft

Staff Activities/ Achievements

1. Dr.Bharti Joshi has published a paper "Improved Acknowledgement Intrusion Detection System in MANET's Using Hybrid Cryptographic Techniques" in Nov'15 in International Conference on Applied & Theoretical Computing & Communication Technology (ICATCCT 2015).

2. Dr.Bharti Joshi & Prof. Suhasini P.has published a paper "Online Book Recommendation System Using Collaborative filtering & association mining" in Dec-2015 in IEEE International Conference on Computational Intelligence& Computing Research(ICCIC-21015)

3. Prof. Bharti Joshi published a paper "Discovery of Neighbours in Wireless Networks with Energy Efficient Approach" in Dec-2015 in International Conference on Advances in Science & Technology ICAST-2015.

4. Prof. Bharti Joshi published a paper "Disease Prediction Model" in Dec-2015 in International Conference on Advances in Science & Technology ICAST-2015.

5. Prof Deepa Parasar has published a paper "An Innovative Quasi Newton Method for Enhancing Ultrasound Medical Image Quality" in ICNTE-2015.

6. Prof Deepa Parasar has published a paper "Ultrasound Image Enhancement using Improved Fixed Point Independent Component Analysis" in International Conference on Electrical, Electronics, Signals, Communication & Optimization (EESCO)- 2015.

7. Prof. Deepa Parasar published a paper "Retinal Disease Detection Using Image Processing" in Dec-2015 in International Conference on Advances in Science & Technology ICAST-2015.

8. Prof. Deepa Parasar published a paper "Quick Attendance System Using Wi-Fi Technology" in Dec-2015 in International Conference on Advances in Science & Technology ICAST-2015.

9. Prof. Deepa Parasar published a paper "Reversible Color Transmission of Compressed Fragment-Visible Mosaic Image" in Dec-2015 in International Conference on Advances in Science & Technology ICAST-2015.

10. Prof. Deepa Parasar & Prof. Parineeta Suman has published a paper "Seeded Region Growing Segmentation on Ultrasound Images Using PSO" in Dec-2015 in IEEE International Conference on Computational Intelligence & Computing Research(ICCIC-2015)

11. Prof. Sujata B. published a paper "Shared Authority Based Privacy Preserving Authentication Protocol in Cloud Computing" in Dec-2015 in International Conference on Advances in Science & Technology ICAST-2015.

12. Prof. Bhagyashri Sonawale has published a paper "Android App for Women Safety"inDec-2015in International Conference on Advances in Science & Technology ICAST-2015.

13. Prof. Arti Gore has published a paper "Wireless Mobile Charger

Implementation" in Dec-2015 in International Conference on Advances in Science & Technology ICAST-2015

14. *Prof. Rina Bora has published a paper "Multifactor Authentication Using Android Mobile" in Dec-2015 in International Conference on Advances in Science & Technology ICAST-2015*

15. *Prof. Rina Bora has published a paper "Secure System Using Keystroke Dynamics" in Dec-2015 in International Conference on Advances in Science & Technology ICAST-2015*

16. *Prof. Purtata Bhoir has published a paper "Extracting Subjective Sentences from Unannotated Text" in IEEE International Conference on Computational Intelligence & Computing Research(ICCIC-21015)*

17. *Prof. Sujata B. published a paper "Automated Timetable Generator using Genetic Algorithm" in Dec-2015 in International Conference on Advances in Science & Technology ICAST-2015.*

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