NEWSLETTER

First Half 2017

Dr. Rizwana Shaikh
(HOD)
Department of
Computer Engineering

FROM THE HOD's DESK

Department of Computer Engineering of SIES GST started in year 2002 offers undergraduate programme in Computer Science where students are exposed to concepts of computer engineering to motivate their humanities, innovation, creative and problem solving abilities, intellectual honest and professional ethics, and capacity for teamwork in interdisciplinary, national and international environment. The students are nurtured to become better professionals in their career.

DEPARTMENT NEWSLETTER

COMPUTER ENGINEERING DEPARTMENT
SIES GRADUATE SCHOOL OF TECHNOLOGY, NERUL
VOLUME I ISSUE 1

VISION

- To Impart quality education to meet the professional challenges in the area of Computer Engineering.

- To create an environment for research, innovation, professional and social development.

- To nurture lifelong learning skills for achieving professional growth.

- To strengthen the alumni and industrial interaction for overall development of students.

MISSION

To be a centre of Excellence in Computer Engineering to fulfill the rapidly growing needs of the Society.

DEPARTMENT NEWSLETTER

Program Educational Objectives (PEOs)

- Practice Computer engineering in core and muti-disciplinary domains.

- Exhibit leadership skills for professional growth.

- Pursue higher studies for career advancement.

Program Specific Outcomes (PSOs)

- To apply computational and logical skills to solve Computer engineering problems.

- To develop interdisciplinary skills and acquint with cutting edge technologies in software industries

FACULTY PROFILE

No	Name	Qualification	Designation	Area of Interest
1.	Ms. Aparna Bannore	B.E(CSE) , M.E (CE), Ph. D*	Associate Professor	Cyber security and Signature security.
2.	Mr. Rajesh Kadu	B.E, M.Tech (CE), Ph. D*	Associate Professor	Cognitive Radio Network Security
3.	Dr. Rizwana Shaikh	B.E(I.T), M.E(CE), Ph. D	Associate Professor	Cloud Computing and Security
4.	Ms. Deepti Reddy	B.Tech, M.E (CE), Ph. D*	Associate Professor	Semantic web, Intelligent Tutoring System, Engineering Education, Educational Technology.
5.	Ms. Prachi Shahane	B.E(CSE) , M.E (CE)	Assistant Professor	Artificial Intelligence, Internet Of Things
6.	Ms. Suvarna Chaure	B.E(CSE), M.E (CE)	Assistant Professor	Security
7.	Mr. Sunil Punjabi	B.E, M.E (CE)	Assistant Professor	Software Engineering
8.	Ms. Pranita Mahajan	B.E(CSE), M.E (CE)	Assistant Professor	Natural language processing, Machine Learning, Data Analytics.
9.	Ms. Ujwala Ravale	B.E, M.E (CE)	Assistant Professor	Network Security, Machine Learning

FACULTY PROFILE

No	Name	Qualification	Designation	Area of Interest
10.	Ms. Preeti Godbole	B.E. (CS), M. Tech(C.N.E), Ph. D*	Assistant Professor	Real Time Systems, IOT, Parallel Computing and HPC
11.	Ms. Masooda Modak	B. Tech (IT), M.E (CE), Ph.D.*	Assistant Professor	Learning Analytics, Data Mining, E-learning
12.	Ms. Anindita Khade	B.E., M.E (CE)	Assistant Professor	Machine Learning, Data Analytics, Data Mining
13.	Ms. Varsha Patil	B.E., M.E (CE),PhD*	Assistant Professor	Image Processing, Data Mining, Machine Learning, NLP
14.	Ms. Kalyani Pampattiwar	B.E. (CSE), M.E (CE)	Assistant Professor	Security, Data Mining
15.	Ms.Namrata Patel	B.E., M.E (CE)	Assistant Professor	Web Mining
16.	Ms. Kranti S Bade	B.E.(IT), M.E(CSE)	Assistant Professor	Data Mining
17.	Ms. Roopal Mamtora	B.E., M.E (CE)	Assistant Professor	Software Engineering, Machine Learning

FACULTY PROFILE

No	Name	Qualification	Designation	Area of Interest
18.	Ms. Asmita Shejale	B. Tech., M.E (CE)	Assistant Professor	Machine Learning, Data Analytics
19.	Mr. Darshan Ingale	B.E., M.E (CE)	Assistant Professor	Artificial Intelligence, Robotics,
20.	Ms. Ravindra Agarwal	B.E(CSE), M.E (CE)	Assistant Professor	Security, Ecommerce
21.	Ms. Monika Sharma	B. Leveln(MCA) M. Tech(CE), Ph. D.*	Assistant Professor	Software Engineering

NON TEACHING STAFF

No	Name
1.	Mr. Srinivas B.
2.	Mr. Saikrishna J.
3.	Mr. Bhagyashal W.
4.	Mr. Sudhir P.

CLASS STRENGTH

Year	Total No of students	Boys	Girls
S. E.	112	70	42
T. E.	109	64	45
B. E.	110	60	50

FACULTY ACHIEVEMENTS

PAPERS PUBLICATION

- Dr. Rizwana Shaikh "Measuring data security for cloud computing service", ICCUBEA, IEEE Conference, Pune.
- Dr. Rizwana Shaikh "Securing E-healthcare records on Cloud Using Relevant data classification and Encryption", IJECS Journal.
- Prof. Deepti Reddy "FATHOM: TEL environment to develop divergent and convergent thinking skills in software design", IEEE Conference.
- Prof. Masooda Modak, "Measuring data security for cloud computing service", ICCUBEA, IEEE Conference, Pune.
- Prof. Varsha Patil, "Image Hashing by SDQ-CSLBP", IEEE Conference.
- Prof. Varsha Patil, "Compressed CSLBP with Correlation Coefficient", IEEE Conference.
- Prof. Varsha Patil, "Image hashing by LoG-QCSLBP", Springer Conference.
- Prof. Kalyani Pampattiwar ,"Home Automation using Raspberry Pi controlled via an Android Application", IJCET June 17.
- Prof. Kranti Bade, Prof. Yashashree Bendale, Prof. Varsha Patil, "An optimized use of smart Air conditioner using cognitive IOT", IJCSMA.

RESEARCH PROPOSALS

- Prof. Anindita Khade, Dr. Rizwana Shaikh, Prof. Masooda Modak, Prof. Kalyani Pampattiwar, "Smart Adaptive IOT based parking system"
- Prof. Pranita Mahajan, Prof. Prachi Shahane "An IOT Based System for Water Quality Monitoring"
- Prof. Sunil Punjabi, Prof. Suvarna Chaure, Prof. Ujwala Rawale, Prof. Deepti Reddy "Intelligent System for Women security"
- Prof. Varsha Patil, Prof. Asmita Shejale, Prof. Namrata Patel , Prof. Kranti Bade, "Food quality Management"

WORKSHOP

All faculty members have attended "Workshop on Latex" on 6th June 2017. Workshop conducted by Prof. Shitole.

STTP

- All faculty members have attended STTP on Cyber Security and digital forensic 3rd to 7th july 2017.

SDP

- Mr. Stephen, Suven Technologies has conducted "Workshop on Bootstrap 3 Framework" 5th August 2017.

ARTICLE

Glasses That Give Sight to the Blind: eSight 3

Editor: Prof. Kranti Bade

For the millions of people who are legally blind, navigation is a routine challenge. Though support canes and guide dogs can help, they cannot mimic actual vision. eSight 3 is a very power device to help legally blind people. eSight is a wearable medical device designed to improve the functional vision of those living with low vision or legal blindness. eSight 3 records high definition video and uses magnification, contrast and proprietary algorithms to enhance that imagery into something the legally blind can see—enabling them to partake in a variety of activities. including sports, that would otherwise be off-limits. Device is faster, lighter and equipped with better zoom capabilities.

STUDENT'S ACHIEVEMENTS

PAPERS PUBLICATION

- K. Meghana, Rucha Gurav, Khushboo Parab, GPU Accelerated Code Optimization: Leaf Disease Detection" Journal: International Research Journal of Advanced Engineering and Science ISSN (Online): 2455-9024.

- Rashmi Bongirwar, Renuka Deshpande, Neha Battula "Semantic plagiarism detection using natural language processing" International Journal Of Latest Trends In Engineering And Technology.

- Shwetha Srinivasan, Ajitem Joshi, K. Anshika Chidambaram, "Krushyantra- The Predictive Cultivation System" Iaetsd Journal For Advanced Research In Applied Sciences.

- Palak Patel, Tejraj Pawar, Satnam Singh Saini, Anindita Khade "Predictive Analysis In Healthcare" International Journal of Computer Engineering and Applications.

- Anish Unnikrishnan, Kaushik Gunasekara, Uday Menon, "Intelligent and prognostic parking system", Journal For Advanced Research In Applied Sciences.

STUDENT ACHIEVEMENTS

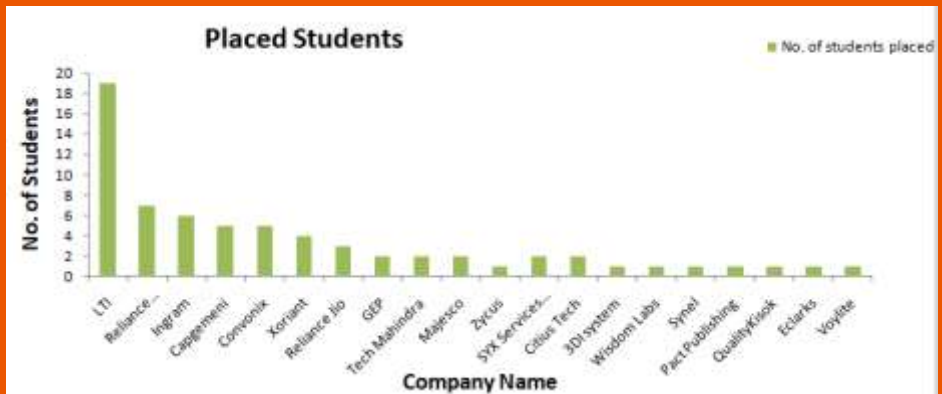| NO.	NAME OF STUDENT	YEAR / SEM	ACHIEVEMENT (CURRICULAR, CO-CURRICULAR & EXTRA-CURRICULAR)
1.	Akansha Pradhan	TE/V	Own Third prize in Marathi Debate at University Level
2.	Omkar Prabhu	TE/V	Organized International Coding Competition BUG4EVER
3.	Abhishek yadav	SE/III	6 weeks Internship at AIESEC , Poland,Jun-Julne17
4.	Sudhanshu P	SE/III	6 weeks Internship at AIESEC ,Bulgaria, June 17
5.	Aditi More	TE/V	Participated in Poster Making at University Level
6.	Aditya Kulkarni	TE/V	Participated in Table Tennis Competition

INTERNSHIP & PLACEMENTS

INTERNSHIP

Students are actively involved in offline/online, national as well as international internship activities. Two students completed international internship from Aiesec-Bulgaria, Aiesec-Poland respectively. College also provides internship opportunities through various SDP's. Students completed their internships from various companies like Infoway Software's, Ahy Consulting: Web & App Development, B. A. R. C., Mumbai, Reliance Industries, Logic Serve, Pragmatix Solutions Private Limited, Bharat Petroleum Corporation Limited , L&T Infotech , Applab Technologies, Reliance Industries Ltd., IIT Bombay , Esfera & Aster Solutions, Laugh Out Loud Ventures, Praxis Technologies, J. N. P. T., Reliance Jio Infocomm, Unotech Software Pvt. Ltd., Avocation Educational Services Private Limited, Studyleague It Solutions.

INTERNSHIP & PLACEMENTS

PLACEMENT

Computer department placement is consistently good. Students are placed in various esteemed companies. Their selection is through aptitude test, programming test, group discussion and technical interviews.

In this FH 2017, Students are placed in companies like LTI, GEP, Tech Mahindra, Ingram, Capgemeni, Convonix, Xoriant, Reliance Jio, Majesco, Zycus, Reliance Industries, 3di System, Syx Services Private Limited, Wisdom Labs, Citius Tech, Qualitykisok

S.E.- FIRST HALF 2017 (Semester IV)

Rank	Name of student	CGPI
1.	Rakshita Bakalkar	9.86
2.	Arpita Rane	9.86
3.	Jane D`Souza	9.71
4.	Jasmine Shukla	9.71
5.	Sushmita Jadhav	9.71

T.E.- FIRST HALF 2017 (Semester VI)

Rank	Name of student	CGPI
1.	Palak Patel	9.42
2.	Dheepa Vairam	9.33
3.	Rashmi Bongirwar	9.33
4.	Vignesh Reddy	9.33

B.E.- FIRST HALF 2017 (Semester VIII)

Rank	Name of student	CGPI
1.	Rinisha Marar	9.7
2.	Chaitanya Keer	9.56
3.	Sandesh Memane	9.56

STUDENT ARTICLE

The Artificial Pancreas

Editor: Rashi Jaiswal

In order for people with diabetes to stay healthy, they must continually check their blood sugar and adjust it with insulin or snacks. This device aims to render this tedious process obsolete with its MiniMed 670G, a.k.a. the "artificial pancreas," which has been in development for years but was only recently approved by the FDA.

Once users attach the iPod-size device to their body, it measures their blood-sugar levels every five minutes, providing more insulin or withholding it as needed. For now, they still need to manually request a dose after they eat. But this device is working on a fully automated version. It will help the 1.25 million people living with Type 1 diabetes "spend less time managing their disease and more time enjoying life."

EDITORIAL BOARD

PROF. VARSHA PATIL   **PROF. KRANTI BADE**

Editorial Board:

- Dr. Rizwana Shaikh [HoD]
- Ms. Varsha Patil [Assistant Professor]
- Ms. Kranti Bade[Assistant Professor]
- Students Members: Shruti P., Rashi Jaiswal

Editorial board is glad to release the current issue of our Department Newsletter August 2017. We appreciate the efforts taken by the editorial board in compiling useful information & activities by department. The contribution and dedication of faculty members, students is continuously helping the newsletter in stepwise manner for achieving new milestone.

Newsletter divulge that the department is trying hard to achieve various dimensions such as academic, co-curricular and extra co-curricular activities.