NEWSLETTER

First Half 2019

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.

Dr. Rizwana Shaikh
(HOD)
Department of
Computer Engineering

DEPARTMENT NEWSLETTER

SIES Graduate School of Technology
RISE WITH EDUCATION

COMPUTER ENGINEERING DEPARTMENT
SIES GRADUATE SCHOOL OF TECHNOLOGY, NERUL
VOLUME 3 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, Natural Language Processing
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.	Mr.Amit V Pandhare	B.E. M.E (CSE)	Assistant Professor	Data Science , Big Data Analytics

FACULTY PROFILE

No	Name	Qualification	Designation	Area of Interest
18.	Ms. Pranjali Thakre	B.E (CT), M.E (Embedded sys & computing)	Assistant Professor	Machine Learning, Data Science, Embedded System , Internet of things
19.	Ms.Vaishali Bhujade	B.E, M.E (CE)	Assistant Professor	Software Engineering, Machine Learning
20.	Ms.Vaishali Bhujade	B.E, ..E (CE)	Assistant Professor	Software Engineering, Machine Learning
21.	Ms. Pooja Ranjan	B.E, M.E (CE)	Assistant Professor	Machine Learning, Data Analytics
22.	Ms. Upasana Patil	B.E, M.E (CE)	Assistant Professor	Machine Learning, Data Analytics
23.	Ms. Chhaya Meshram	B.E, M.E (CE)	Assistant Professor	Machine Learning, Data Analytics

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.	109	65	44
T. E.	118	71	47
B. E.	108	64	44

FACULTY ACHIEVEMENTS

PAPERS PUBLICATION

- Prof. Masooda Modak, " Detection of Dyslexia using Eye Tracking Measures", International Journal of Innovative Technology and Exploring Engineering (IJITEE),ISSN: 2278-3075, Volume-8, Issue- 9S2, July 2019.

- Prof. Masooda Modak, "Predictive Maintenance Of Heavy Commercial Vehicles Using Machine Learning And Data Analytics", UGC approved Journal on International Journal of Information and Computing Science, July 2019.

- Prof. Prachi Shahane and Prof. Pranita Mahajan, "Detection of Diseases on chest X-ray using Deep Learning", CIKITUSI JOURNAL for Multidisciplinary Research,Volume 6,Issue 5, May 2019.

- Prof. Preeti Godabole, Prof. Ujwala Ravale, "Performance Evaluation Of Blood Sample Analysis Using GPU", International Journal of Research and Analytical Reviews, http://doi.one/10.1729/Journal.21055, E-ISSN 2348-1269, May 2019.

- Prof. Kalyani Pampattiwar, "The Nextgen BOT", Journal of Applied Science and Computation, Volume VI, Issue IV, April/2019.

- Prof. Kalyani Pampattiwar, "Intelligent Hiring with Facial Expression Detection and Report Generation", Journal of applied science and computation, Volume VI, Issue V, May 2019,

FACULTY ACHIEVEMENTS

PAPERS PUBLICATION

- Prof. Anindita Khade, "Remote Sensing Technique for monitoring and reducing Harmful gases from Vehicles", International Journal of Research and Analytical Reviews,Volume 6,Issue 1, May 2019.

- Prof. Anindita Khade, "IOT based Air and Sound Pollution Monitoring System", International Journal of Research and Analytical Reviews, Volume 6, Issue 2, June 2019.

- Prof. Amit Pandhare, "Bicycle Sharing Demand Prediction", International Journal of Research and Analytical Reviews, Volume 6, Issue 1, March 2019.

- Prof. Varsha Patil, "Image Hashing using DWT-CSLBP", International Journal of Computers, Vol-14(3), ISSN- 1796203x

- Prof. Varsha Patil, "Compressed Image Hashing using Minimum Magnitude CSLBP", International Journal of AI and Data Mining, Article 7, Volume 7, Issue 2, Apr 2019.

RESEARCH PROPOSALS

- 18 faculties have prepared and submitted seven minor research proposals to Mumbai University.

WORKSHOP

- Student Development Program with Internship on "Ethical Hacking and Security" on dated 2/1/2019 to 5/1/2019 and 13/01/2019.
- Student Development Program with Internship on "Ethical Hacking and Security" on dated 10/6/2019 to 15/6/2019.

FDP

- One day workshop Conducted by IITB MOOC platform on "Moodle Learning Management System" on 15/03/2019.
- Three days workshop on "Geoinformatics and related Open Source Tools" 10/01/2019 to 12/01/2019.

WORKSHOP

- Seminar on "Coding Activity" on 25/1/2019.
- Coding Competition on 29/1/2019 by CSI.
- Prof. Anindita Khade conducted one-day workshop on "LaTex" on 03/4/2019 for BE students.

ARTICLE

Stress Management for Faculties

Editor: Prof. Masooda Modak

Teachers are conscious of their conduct and adherence to human value. In higher education, teachers are experiencing pressures to increase productivity and efficiency at their workplaces to meet out the expectations of general public, management as well as from state and central governments, which creates stress among them.

Stress is a state of mental strain or pressure resulting from adverse or demanding circumstances. Normally stress is unavoidable, and is part of our life. Physiologically, stress related diseases are in the form reproduction, cardiovascular, metabolism and gastrointestinal diseases. There are many types of stress, and it is generally grouped in to two types. That is good and bad stress.

ARTICLE

Good stress also termed as **"Eustress"** and it is motivates the person to reach the goals, eventually leading to more happiness, success, or fulfilment. These are generally relatively short bouts of stress and provide motivation to get something done or overcome an obstacle. Bad stress also called as **"Distress"** and it can be short-term or long-term. It is frequently escorted by the thoughts of helplessness because don't have a lot of control over what's happening and may begin to feel compressed or trapped. The stress among the people due to various reasons such as employment, income, societal behaviour, health nature, promotion, rat race in organisation etc.

Five stress-busting techniques that can help every engineering faculty have a lower-stress college life. These five techniques are **i) Plan a Study Strategy ii) Think Positive iii) Indulge in Fun & Entertainment Activities iv) Exercise v) Sleep Well.** Fighting with stress is an art, and every faculty should excel in it.

STUDENT'S ACHIEVEMENTS

PAPERS PUBLICATION

- Pradyumna B., Karthikeyan, Krishna shenvi, "IOT based Sound and Noise Pollution Monitoring System", IJRAR, Volume 6,Issue 2, April-June 2019.

- Subhed Chavan, P.V. Siddharth, Sahil Shetty, "Remote Sensing Technique for Monitoring and Reducing Harmful Gas Emissions from Vehicles", IJRAR,Volume 6,Issue 1, March 2019.

- Subramanian G, Pranav Sainath, Somesh Banerjee, "Intelligent Hiring with Facial Expression Detection and Report Generation", JASC, Volume VI, Issue V, May 2019, ISSN NO: 1076-5

- Kalpalathika R., Kumaran P., "The NEXTGEN BOT", JASC, Volume VI, Issue IV, April/2019, ISSN NO: 1076-5131, Page No:3661.

- Sanket Bailmare, Sparsh Arora, Shridhar RaviMani, Kaustubh Bailmare, "Automated Malware Analysis", Journal of Emerging Technologies and Innovative Research (ISSN : 2349-5162) UGC Approved (Journal No: 63975), June 2019.

- Harshita Shetty, Shrinidhi Shetty, Jasmine Shukla, "Use of Honeypot to Secure IoT network", Journal of Emerging Technologies and Innovative Research (ISSN : 2349-5162) UGC Approved (Journal No: 63975), June 2019.

STUDENT'S ACHIEVEMENTS

PAPERS PUBLICATION

- Pritam Negi, Uday Nair, Aditya Nair, "Detection of Diseases on chest X-ray using Deep Learning", Cititusi Journal for multidisciplinary Research (ISSN:0975-6876),Volume 6, Issue 5,May 2019.

- Varsha Venkatchalam, Vidya Sukumaran, Abhinandan Gupta, Rahul Ghorpade, " Water Quality Assurance System", International Journal of Engineering and techniques (ISSN:2395-1303),Volume 5 Issue 3, May 2019.

- Prasad Lad, Darshan Shetty , Vignesh Konar, Yuvraj Vanniyar, "Bicycle Sharing Demand Prediction", International Journal of Research and Analytical reviews(IJRAR) E-ISSN 2348-1269 Volume 6 Issue 1 March 2019.

- Rekha Gole, Komal Sangle, Rishil Ramesh, "Smart Air Conditioning Control System", International Journal Of Information And Computing Science, Volume 6,Issue 4, April 2019.

- Kamleshwar R, Sushmita Jadhav, Sidhesh Shinde, Awshwathi A.,"Road Surveillance System", JASC: Journal of Applied Science and Computations, June 2019.

STUDENT ACHIEVEMENTS

NO.	NAME OF STUDENT	YEAR / SEM	ACHIEVEMENT (CURRICULAR, CO-CURRICULAR & EXTRA-CURRICULAR)
1.	Mahadevan, Akilesh, Ajun Ashutosh	TE/VI	Winner of **Deep Blue** Project competition conducted by Majesko. 3rd prize in IETE Texter at SIES GST.
2.	Sayali, Shantanu, Suyash, Venkatesh	TE/VI	Own 3rd prize in Saboo Siddique College Hackathon, First prize in Innovations '19 at SIES GST.
3.	Swarika, Apoorva, Ajun,Aditya Loke, Akash Nair	TE/VI	Own first prize of 50,000/- at AICTE SIH in simple category domain , Coimbatore
4.	Harish, Aditya Kulkarni , Kamleshwar	BE/VIII	Special Appreciation and Consolation prize at AICTE SIH from ministry of civil aviation
5.	Sai prasad, Shweta	SE/IV	Own second prize in Innovations '19 at SIES GST
6.	Deeplaxmi Mane	BE/VIII	NPTEL Online Certification in Information Security

STUDENT ACHIEVEMENTS

NO.	NAME OF STUDENT	YEAR / SEM	ACHIEVEMENT (CURRICULAR, CO-CURRICULAR & EXTRA-CURRICULAR)
7.	Omkar Prabhu	BE/VIII	Own Technical Excellence award in TML 2019
8.	Vipul Singh	BE/VII	Own Most Deserving student award in TML 2019
9.	Aditya Nair, Aditya Kulkarni	BE/VII	Technical category awrad in TML 2019
10.	Karthikeyan	BE/VIII	Own Consolation prize at Anveshana, Feb 19
11.	Harish Balasubramanian	BE/VIII	Gst'ian award 2019
12.	Maitreyi Pitale	TE/VI	Fashion show winner at SPIT Jonhale

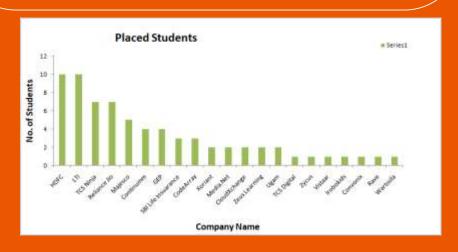# INTERNSHIP & PLACEMENTS

INTERNSHIP

Students are actively involved in offline/online, national as well as international internship activities. College also provides internship opportunities through various SDP's. Students completed their internships from various companies like Reliance Industries, Agnost Tech, Trivia Software, 9th legend, Denkali, Mobiliya, Study League IT Solutions, SIES, Embee software, Discountspoon, Mauve Media, Artivatic, GNUIT Solutions, Bigmoz, GNUIT Solutions BARC, IIFL, LTI, ATS, Fluture, Times Of India, Yocket (Avocation Educational Services Pvt. Ltd.), Wrytin, 3i Infotech, AIESEC/North Vietnam College Of Agriculture and Rural Development, ISRO, Raconteur Walks Tourism Co. (PVT) Ltd. (Job), Majesco, Mastek, ACC (ReactJS internship), HPCL, CISCO.

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 academic year 2018-2019, Students are placed in companies like HDFC, LTI, TCS Ninja. Reliance Jio, Majesco, Continumm, GEP, SBI Life Insurance, CodeArray, Xoriant, Media.Net, CloudXchange, Zeus Learning, Ugam, TCS Digital, Zycus, Vistaar, Irobokids, Convonix, Rave, Wartssila.

S.E. -FIRST HALF 2019 (Semester IV)

Rank	Name of student	CGPI
1.	Aditya Parthasarathy	10
1.	Varsha Kini	10
2.	Riya Kale	9.96

T. E. -FIRST HALF 2019 (Semester VI)

Rank	Name of student	CGPI
1.	Shruti Rao	9.23
2.	Sai Apurva Golapalli	9.18

B.E.-FIRST HALF 2019 (Semester VIII)

Rank	Name of student	CGPI
1.	Ekta Walavalakar	9.63
2.	Meenakshi Sundar	9.41
2.	P.V. Sidharath Chandran	9.41
2.	Rutuja Patil	9.41

ARTICLE

STUDENT ARTICLE

Time Management for Students

Editor: Ashish K.

In today's busy world, time management skills for students are increasingly important. Like our energy and money, time is a finite resource and as such, it needs to be effectively managed. Time management is about planning and controlling the amount of time you spend on specific tasks.

1. Goal-setting: Students can benefit from having short- and long-term goals.

2. Organisation: Once priorities are set, it's important to have a plan for getting them done. Some people are naturally well-organised, and others need some help. Strategies like maintaining an up-to-date calendar and keeping a tidy study environment help. There are many useful software programs and apps to aid organisation.
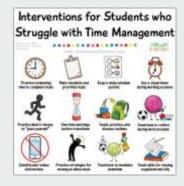
ARTICLE

3. Prioritisation: By assessing what needs to be achieved within a given timeframe, tasks can be rated according to their importance. Setting priorities for each day, week, month and year can help students accomplish their goals. It also helps to ensure activities that are vitally important but not urgent – such as personal development, adequate sleep and exercise – are given precedence. Some people like to prioritise easy tasks for early in the day and use the boost to move forward. Others prefer to tackle bigger jobs first.

4. Managing Stress: Nobody performs at their peak under excessive stress. Students need healthy ways to manage the pressures of study while maintaining productivity. Getting enough sleep and exercising are all great ways to keep stress at bay, and actually make learning more efficient.

Interventions for Students who Struggle with Time Management

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: Ashish K., Syuash Jaju

Editorial board is glad to release the current issue of our Department Newsletter August 2019. 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.