NEWS LETTER (ODD SEMESTER 2021-22)

VISION

To make the institution one of our nation great engineering schools, recognized nationally and internationally for excellence in teaching, research and public service. We seek to be the preferred destination for students, practitioners seeking an engineering education, employers hiring engineering graduates and organizations seeking engineering knowledge.

MISSION

To Provide an encouraging environment to develop the intellectual capacity, critical thinking, creativity and problem solving ability of the students.

DEPARTMENT OF INFORMATION TECHNOLOGY

ABOUT THE DEPARTMENT

The Department of Information Technology was established in 2006 with the objective of imparting quality education in the field of Information Technology. Since its inception, the department has expanded and grown in terms of dissemination of knowledge within and outside curriculum and skill development activities.

Vision of the Department:

The Information Technology Department will be a recognized center of excellence in creating engineers for ever changing technologies of Information Technology and IT Enabled service industries.

Mission No. Mission Statements

M1 Create learning environment for students to gain core knowledge in the field of Information Technology

M2 Provide opportunities to acquire knowledge in various tools and programming languages by the way of self-learning

M3 Solve engineering problems for the betterment of mankind and technology as part of lifelong learning process

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

1. To ensure graduates will be proficient in utilizing the fundamental knowledge of basic sciences, mathematics and Information Technology for the applications relevant to various streams of Engineeringand Technology.

2. To enrich graduates with the core competencies necessary for applying knowledge of computers and

telecommunications equipment to store, retrieve, transmit, manipulate and analyze data in the context of business enterprise.

3. To enable graduates to think logically, pursue lifelong learning and will have the capacity to understand technical issues related to computing systems and to design optimal solutions.

4. To enable graduates to develop hardware and software systems by understanding the importance of social, business and environmental needs in the human context.

5. To enable graduates to gain employment in organizations and establish themselves as professionals by applying their technical skills to solve real world problems and meet the diversified needs of industry, academia and research.

PROGRAM OUTCOMES (POs)

Engineering graduates will be able to:

1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals,and an engineering specialization to the solution of complex engineering problems.

2. Problem analysis: Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety,and the cultural, societal, and environmental considerations.

4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

6. The engineer and society: Apply reasoning informed by the contextual knowledge to assesssocietal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. Individual and team work: Function effectively as an individual, and as a member or leader indiverse teams, and in multidisciplinary settings.

10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one 's own work, as a member and leader in a team,to manage projects and in multidisciplinary environments.

12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life- long learning in the broadest context of technological change

PROGRAM SPECIFIC OBJECTIVES (PSOs)

1. Professional Skills: To create, select, and apply appropriate techniques, resources, modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

2. Problem Solving Skills: To manage complex IT projects with consideration of the human, financial, ethical and environmental factors and an understanding of risk management processes, and operational and policy implications.

3. Career and Entrepreneurship: The ability to employ recent technologies, programming languages, and platforms.

MESSAGE FROM CHAIRMAN

I have always been inspired by Dr. Martin LutherKing's statement,I have a dream - a dream I believe will come true - a dream that my children will one day live in a world where they will not be judged by the colour of their skin, but by the content of thier character. This need for tolerance - to create an equal society with no discrimination in Caste, Creed or Colour was best exemplified in the words of Mahatma Gandhi .&quote ;I do not want my institution to be walled off on all sides, I want the culture of lands to be blown about my institution as freely as possible . But I refuse to be blown off my any one of them. Mine is not a religion of the prison house . It has room for the least among God's creations but it is proof against insolent pride of race, religion or colour.&quote; And this I believe will be the watchword of each and every Shakthian. The vision for Sri Shakthi is to make the institution one of our nations great engineering schools, recognized nationally and internationally for excellence in teaching, research and public service. We seek to be the preferred destination for students, practitioners seeking an engineering education, employers hiring engineering graduates and organizations seeking engineering knowledge.

Dr. S. Thangavelu, Chairman

SRI SHAKTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY.

MESSAGE FROM PRINCIPLE

Sri ShakthiInstitute of Engineering and Technology (SSIET) was established in the year 2006 with approval of All India Council for Technical Education (AICTE), New Delhi, and is affiliated to Anna University, Chennai. The primary vision of the institute is to impart technical knowledge and skills to the students in accordance with the needs of the industry by producing technologically superior and ethically strong engineers to transform life as a whole. The College offers 10 UG courses leading to B.E and B.Tech Tech degrees and also 5 PG courses leading to M.E degrees The College has well qualified, experienced and dedicated faculty

faculty and supporting staff, state-of-the art laboratory and workshop facilities, computer facilities, library and information center, outdoor and indoor games, air conditioned seminar hall and round the clock Internet facilities & separate hostels for Boys and Girls on campus. It is a matter of great pleasure and pride that the college is providing an excellent quality of education and mentoring for the students, aspiring to be competent professionals in engineering and technology. Ever since its establishment, the SSIET conglomerate of students, staff and faculty have endeavored towards creating young and dynamic engineers who will form the crux of the technical workforce of tomorrow. The college provides facilities to students to take part in co-curricuar and extra curricular activities. There is an active National Service Scheme (NSS) unit which organizes several programmes related to social service. Different societies and and various clubs at the institute is used to inculcate not only the love for social service, discipline, compassion for nature, agility and awareness for ones rights and duties, but also make them good human beings and confident leaders. The College encourages faculty members through incentives and sops to acquire higher degrees, to publish text books/papers and participate in Seminar / Workshop / Conferences that are held not only within our country but also abroad.

. With student strength of more than two thousand at SIET, our efforts are directed to accommodate and address the expectations of every student by the way of enabling them to participate in seminars,workshops in and out of the Institute, apart from educational tours and industrial project works. The College has a full-fledged Placement and Training ((PAT) Centre. This Centre organizes several training programmes related to development of soft skills to our college students. It has enabled our college students to participate in several recruitment programmes of several leading organizations.

With all good wishes

Dr. AR. Ravikumar,

Principal, SIET

MESSAGE FROM HOD:

I am delighted to meet you through this page. Education is not only an act of acquiring knowledge but learning skill to lead life and grooming ones' personality. Education of the highest order aims at guiding , inspiring, motivating ,and leading young men and women to become successful leaders to serve the country better.

Research is the key parameter to promote the individuality to horizon. In order to create the best engineers,the college has been providing environment to enhance the research activities even from the budding student engineers since its origin.

EVENTS:

At Sri Shakthi Institute of engineering and technology, Department of Information Technology Organised a Webinar on 17.8.21.The webinar was on My story –Motivational session by successful entrepreneur presented by Mr.Mohanraj, Managing director Hloiday planners ,Coimbatore.

At Sri Shakthi Institute of engineering and technology, Department of IT Organized a seminar on 17/9/21. The seminar was on the topic of How to improve problem solving techniques and analyse Statistical data it was presented by Ramesh kumar K ,Quality Analyst,Visionet systems pvt ltd, CBE. Problem solving is the act of defining a

Problem; determining the cause of thr problem; identifying,and selecting alternatives for a solution;and implementing a solution.

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In our Department we Organized a workshop on 8.8.21.The workshop was conducted on the topic of Angular JS. The guest of this workshop was Harash C Mapara Senior project specialists, Pagoda technologies Coinmbatore. AngularJS is a discontinued free and open-source JavaScript-based web framework for developing single-page applications. It was maintained mainly by Googl e and a community of individuals and corporations. It aimed to simplify both the development and the testing of such applications by providing a framework for client-side model–view–controller (MVC) and model–view–viewmodel architectures, along with components commonly used in web application and progressive web application(MVVM)

INTERNSHIP DETAILS:

Students those who are participated in internship in this semester are

CAY (2021-2022)	
NAME	COMPANY
Anil Reddy	HCL
Balaji.S	HCL
Rajendran N	HCL
Sriagil.S	HCL
Amsalaksmi.B	HCL
Fizal.L	HCL
Kannan.M	HCL
Lakshna.D	HCL
Surya.D	HCL
Vijay.A	ABILE TECHNOLOGIES
Kavya.B	ABILE TECHNOLOGIES
Dinesh.S	ABILE TECHNOLOGIES
Hari.GG	ABILE TECHNOLOGIES
Ratish.RV	ABILE TECHNOLOGIES
Rahul.A	ABILE TECHNOLOGIES

S.NO	STUDENT NAME	COMPANY
1	Gayathri K,	Techvolt Software Pvt. Ltd
2	Harshini A,	Techvolt Software Pvt. Ltd
3	Vinuta I	Techvolt Software Pvt. Ltd
4	Supriyashree S S,	Techvolt Software Pvt. Ltd
5	Dheekshna.L.S	SGS mediasoft
6	Deepshika Sri.R.G	SGS mediasoft
7	Madhumathi.N	SGS mediasoft
8	Bavithra.I	SGS mediasoft
9	Rohita.S	SGS mediasoft
10	Haripriya.P	SGS mediasoft
11	Sharmila.N	SGS mediasoft
12	Natish surya M	Sporada Tech Pvt. Ltd
13	Vijay A	Sporada Tech Pvt. Ltd
14	Surya D	Sporada Tech Pvt. Ltd
15	Vasanth N	Sporada Tech Pvt. Ltd
16	Muhil R	Sporada Tech Pvt. Ltd
17	Shanjai R	Sporada Tech Pvt. Ltd
18	Raghul k k	Sporada Tech Pvt. Ltd
19	Seenivasan	Sporada Tech Pvt. Ltd
20	Alagu seeman	Sporada Tech Pvt. Ltd
21	Syed Ifran	Sporada Tech Pvt. Ltd
22	Hariharasudhan	Sporada Tech Pvt. Ltd
23	Vishwa M	Sporada Tech Pvt. Ltd
24	Mani murugan	Sporada Tech Pvt. Ltd
25	Arun kumar	Sporada Tech Pvt. Ltd
26	Aswin G	Sporada Tech Pvt. Ltd
27	Anila P S	Pantech e Learning
28	Samrrutha R S	Pantech e Learning
29	Vinodhini S	Pantech e Learning
30	Infanta Aalvina J	Pantech e Learning
31	Rajarajeshwari P V	Pantech e Learning
32	Kowsika M	Pantech e Learning
33	Nivethetha A S	Pantech e Learning
34	Ragul M	Pantech e Learning
35	Dhivakaran R	Pantech e Learning

36	Nagappan L	Pantech e Learning
37	Sri Ganesh S	Pantech e Learning
38	Pavithran M	Pantech e Learning
39	Santhosh S	Pantech e Learning
40	Ajai J	Pantech e Learning
41	Arif Khan A	Pantech e Learning
42	VIGNESHWARAN G	Devtown
43	VENKITAPATHI S	Devtown
44	SATHYANAND R	Devtown
45	TAMILARASAN M	Devtown
46	VISHNUVARDHAN S	Devtown
47	MURALI PRASAD M	Devtown