SREE RAMA
ENGINEERING COLLEGE

JULY-DEC 2022 NEWSLETTER

CHAIRMAN'S MESSAGE

The first step toward success is taken when you refuse to be a captive of the environment in which you first find yourself.

SRI MANNEM RAMI REDDY M.A.,
H.D.C EX-E.C. MEMBER, SVU,
TIRUPATI

Sri Aravind Kumar Reddy Mannem BE, M.Tech., MBA(UK)
Director, SRET

DIRECTOR'S MESSAGE

Sree Rama is well known for contributing many successful and skilled engineers and entrepreneurs to the global arena. The evolution of the institution over the last 10 years witnessed a quantum leap in terms of development and research. The passion for excellence that drives it can be seen in every aspect of this vibrant Institute from its stringent recruitment policies, teaching and learning process and academic performance to its outstanding infrastructure and placement activities. SREC strives to develop hardworking nature and discipline in students and encourages learning beyond the classroom, competitive spirit, teamwork and creativity in a student friendly environment. We have a ragging free campus. Guiding thousands of students and shaping their future is a persistent Endeavour. SREC aims to provide a safe and intellectually challenging environment that will empower students to become innovative thinkers, creative problem solvers and inspired learners. It gives me immense pleasure to welcome the budding engineers to the annals of SreeRama Family.

Dr. K. Jaya Chandra M.Tech., PhD
Principal, SRET

PRINCIPAL'S MESSAGE

The major challenge for today's engineering educational institutions is to accommodate the ever varying aspirations of the younger generation because of increasingly changing demand and development in industries. We constantly put efforts to accommodate these aspirations by fine tuning the academics of college with innovative and practical oriented teaching – learning practices along with other developmental activities. Our goal is to change the world through education. It may sound idealistic, but this is precisely our long term goal. It is what motivates the work of everyone at the Sree Rama Engineering College — from faculty and staff, to students and alumni. It inspires our teaching and research. It is this goal which fuels the faculty to excel. Our University results and placement speaks about our excellence with many of our students bringing laurel to the college by getting highest ranking in university exams and huge number of students are placed in national & multinational companies, moreover our students' creativity and determination is evident by this continuous success in various fields. Our institute stands by its core values, mission of churning out well-rounded individuals and thorough professionals.

DR NAGILETI DEEPAK KUMAR M.TECH, PH.D
PROFESSOR

DEPARTMENT VISION & MISSION

Vision

To excel in computer science engineering by fostering technical competence, enhancing the teaching-learning process, and ensuring student placement with social responsibility.

Mission

- M1. Imparting quality teaching and value-based education to create competent computer science professionals.
- M2. Equip professionals with interdisciplinary technical and managerial skills, and promote active industry-institute collaboration through advanced computing facilities.
- M3. Foster effective communication, uphold professional ethics, and instill a strong sense of social responsibility in students.
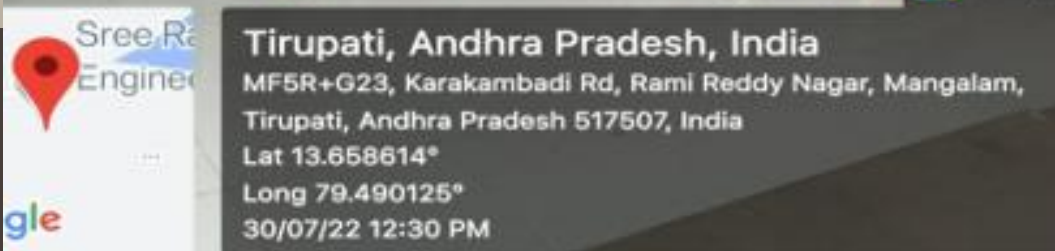
A Guest Lecture on Deep study on Machine Learning

Dr. Anantha Natarajan, Associate Professorof SVEC is delivering a guest lecture on Machine learning concepts

On July 11, 2022, the III B.Tech II Semester CSE students had the opportunity to attend an enlightening guest lecture on machine learning. The session was meticulously designed to create awareness about the intricate concepts of machine learning—a field that has revolutionized the tech industry and transformed numerous applications in various domains.

The lecture provided a comprehensive overview of machine learning principles, including supervised and unsupervised learning, neural networks, and deep learning. Students were introduced to practical examples and real-world applications, showcasing how machine learning algorithms can be leveraged to solve complex problems and make data-driven decisions.

By demystifying these advanced topics, the guest speaker empowered students to explore the vast potential of machine learning in their academic and professional pursuits. The engaging session not only enriched their knowledge but also ignited a passion for further exploration in the dynamic and ever-evolving field of machine learning.

An Add-on Course On Verbal Communication

An Add-oncourse on verbal communication for I B.Tech CSE students

From July 25 to July 30, 2022, the I B.Tech I Semester CSE students participated in an insightful add-on course on verbal communication. The week-long program was aimed at enhancing the speaking skills of students, enabling them to effectively express their ideas, emotions, experiences, and thoughts.

The course covered various aspects of verbal communication, from defining reality and organizing thoughts to shaping attitudes and conveying complex concepts with clarity. Through interactive sessions, students were encouraged to practice and refine their speaking abilities, gaining confidence in their verbal expression.

This engaging course not only helped students develop their communication skills but also empowered them to navigate both academic and professional environments with greater ease. By the end of the program, participants were better equipped to articulate their ideas and connect with others more effectively, paving the way for their personal and professional growth in the years to come.

PLACEMENT TRAINING PROGRAM

PAGE: 6,ISSUE:1, VOLUME :3 ,JUL-DEC 2022

Tirupati, Andhra Pradesh, India
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A training program on Aptitude organizedby
placements and training cell
Your paragraph text

Date: July 13, 2021

From July 4th to July 6th, 2022, the Placements and Training Cell organized an intensive training program focused on enhancing aptitude skills. This event, specifically designed for III B.Tech II Semester CSE students, saw an enthusiastic participation of 190 students.

The primary objective of this program was to equip students with critical aptitude skills essential for campus placements. Through a series of interactive sessions, workshops, and practical exercises, students were provided with the tools and knowledge required to excel in various aptitude tests conducted during placement drives.

This training program not only aimed at improving students' problem-solving and analytical abilities but also helped in boosting their confidence. By the end of the three-day event, participants felt more prepared and empowered to face the challenges of the placement process. The initiative was well-received and marked a significant step towards ensuring students' success in their professional journeys.

Training Program on Soft Skills

Tirupati, Andhra Pradesh, India
MF5R+H7W, Mangalam, Tirupati, Andhra Pradesh
517507, India
Lat 13.65888°
Long 79.490776°

Insightful Training Program on Soft Skills aimed at enhancing the employability of B.Tech students

Date: 8th August 2022
Organized by: Placement Cell, Sree Rama Engineering College (SREC)
Target Audience: B.Tech Students
Number of Participants: 150

On 8th August 2022, the Placement Cell of SREC conducted an insightful Training Program on Soft Skills aimed at enhancing the employability of B.Tech students. With 150 students participating, the session focused on key soft skills required in today's competitive job market, including communication, teamwork, problem-solving, and time management.

The training was designed to equip students with the essential interpersonal and professional skills needed to excel in interviews, group discussions, and workplace settings. Industry experts and trainers facilitated interactive sessions, offering practical tips and exercises to boost confidence and improve overall personality development.

This initiative aimed at bridging the gap between technical knowledge and employability, ensuring that students are well-prepared for successful careers. The Placement Cell continues to provide such valuable programs to help students achieve their professional aspirations.
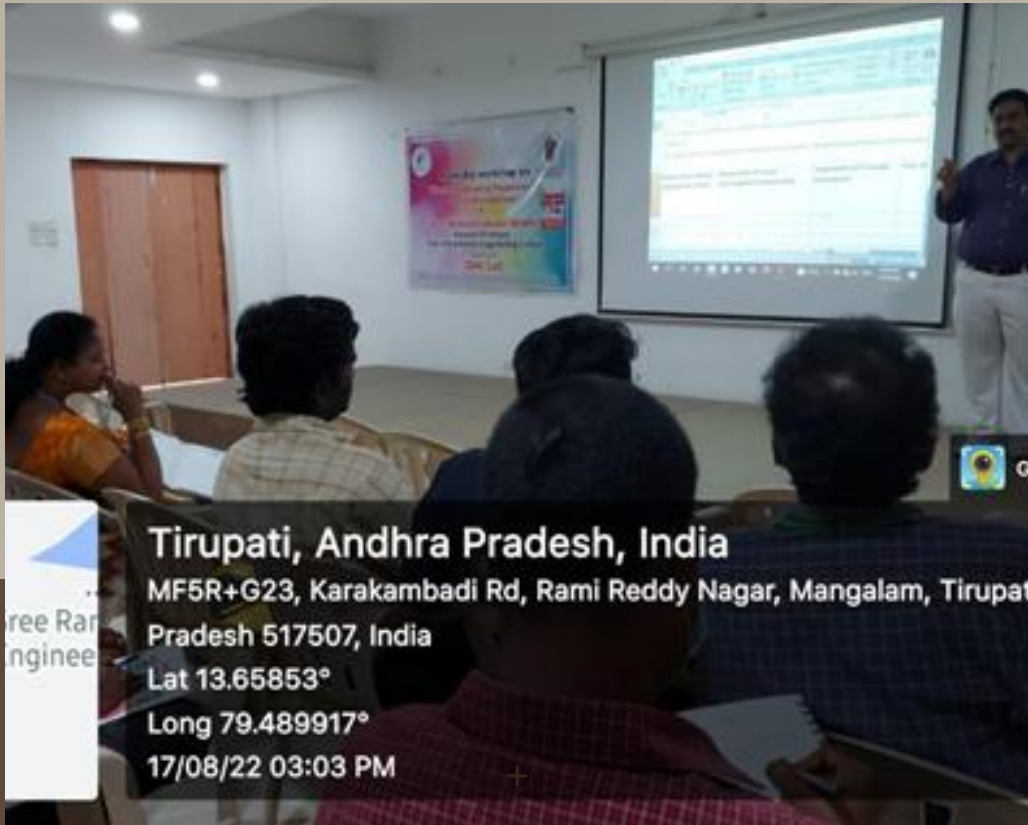
CELEBRATING THE 75TH INDEPENDENCE DAY ON AUGUST 15, 2022

75th Independence Day celebrations in Sree Rama Engineering College

However, the 75th Independence Day was celebrated with great enthusiasm on August 15, 2022, at the college campus. The event began with the hoisting of the national flag by our esteemed Principal, accompanied by the singing of the national anthem. Students and faculty members showcased their patriotism through inspiring speeches, cultural performances, and skits reflecting the spirit of freedom and the sacrifices made by our national heroes. The program also featured a motivational address by the Principal, emphasizing the importance of unity, discipline, and hard work in shaping the future of our nation. The celebration concluded with the distribution of sweets, leaving everyone with a renewed sense of patriotism and responsibility. This event served as a reminder of our shared commitment to nation-building, even amidst a busy academic schedule.

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A one day workshop on "Standard Operating Procedures for Quality Accreditation"

Mr. T. Kosaleswara Reddy is delivering a session in the workshop on standard operating procedures for quality accreditation

Date: 17th August 2022

Organized by: IQAC (Internal Quality Assurance Cell), SREC

Target Audience: Faculty of SREC

Number of Participants: 140

Objective:

The main goal of the workshop was to create awareness about the data templates for quantitative metrics and the documents required for the verification process in quality accreditation.

This type of workshop would have been important in helping faculty understand the requirements and procedures for accreditation, ensuring that the college meets quality standards in its operations and academic processes.

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A one day workshop on "The Pedagogy on Course Outcome Articulation and Evaluation Process" organized by IQAC of SREC

Dr. S. Farook is delmonstrating a session in the workshop on The Pedagogy on Course Outcomes articulation and evaluation process

Date: 29th August 2022

Organized by: IQAC, Sree Rama Engineering College (SREC)

Target Audience: Faculty Members of SREC

Number of Participants: 140

On the 29th of August 2022, the Internal Quality Assurance Cell (IQAC) of SREC organized a highly informative one-day workshop on the theme, "The Pedagogy of Course Outcome Articulation and Evaluation Process." The workshop aimed to empower the faculty with essential knowledge on effectively articulating course outcomes (COs) and understanding the processes involved in evaluating the attainment of course outcomes (COs) and program outcomes (POs).

The workshop was well-received, with active participation from 140 faculty members across various departments.

This workshop has contributed significantly to strengthening the academic quality framework at SREC, ensuring that faculty members are well-equipped to meet the accreditation standards and enhance the overall learning experience for students.

Feel free to adapt it further if you'd like to include any additional details or emphasize specific aspects!

National Sports Day

Activities on National sports Day in SREC

Date: 29th August 2022

Venue: SREC Campus

On 29th August 2022, Sree Rama Engineering College (SREC) celebrated its highly anticipated Sports Day, bringing together students, faculty, and staff in a day filled with sportsmanship, excitement, and teamwork. The event aimed to foster physical fitness, team spirit, and healthy competition among the students.

The sports day began with a grand opening ceremony, which included an inspiring speech by the Chief Guest and a vibrant display of the college's athletic spirit. A variety of sporting events were organized for both individual and team participation, including track and field events, relay races, and outdoor games like cricket, football, and volleyball. Students from various departments participated enthusiastically, showcasing their talents and sportsmanship.

The day was not only about competition but also about building a sense of unity and camaraderie. Faculty members actively participated in several fun events, bridging the gap between students and staff. The event concluded with the distribution of medals and trophies to the winners, celebrating their achievements.

Overall, the Sports Day at SREC was a successful and memorable event that promoted the importance of physical health, teamwork, and school spirit, encouraging students to embrace sports and lead a balanced lifestyle.

Orientation Program

Felicitation to the chief guest Prof.O. Mahammad Hussain, Registrar, SV University, Tirupati

Sree Rama Engineering College (SREC) welcomed its new batch of students with a vibrant and informative Orientation Day event, held at the campus. The event marked the beginning of an exciting academic journey for the incoming students, setting the tone for their time at the institution.

The Orientation Day began with a formal welcome address by the college leadership, who shared the vision, values, and achievements of SREC. The students were introduced to the various academic programs, extracurricular activities, and support systems available to them throughout their tenure at the college. The event aimed to provide the students with a comprehensive understanding of college life, emphasizing the importance of discipline, time management, and active involvement in both academics and co-curricular activities.

Faculty members and senior students also shared their experiences and insights, offering valuable advice to the newcomers. A series of interactive sessions followed, helping students familiarize themselves with the campus facilities, including the library, laboratories, and sports amenities.

The day concluded with a campus tour, giving students a chance to explore their new environment. The Orientation Day set a positive and encouraging foundation for the students as they embarked on their academic journey at SREC.

Hall Of Achievement

Four students placed in TVARANA Software Pvt Ltd., with a package of 4 Lakhs per Annum

This achievement highlights the hard work and dedication of both the students and the faculty, as well as the continued success of SREC's Placement Cell in fostering industry connections.

The selected students demonstrated exceptional technical skills, problem-solving abilities, and a strong professional attitude throughout the recruitment process. Their success serves as a testament to the quality of education and the emphasis on skill development at SREC.

The Placement Cell worked diligently to ensure students were well-prepared for interviews and assessments by organizing training programs, mock interviews, and soft skills sessions. TVARANA Software Pvt. Ltd., known for its innovative solutions and dynamic work environment, provides an ideal platform for young professionals to launch their careers in the IT industry.

We congratulate the four students on their remarkable achievement and wish them continued success as they embark on this exciting new chapter in their professional journeys.

Training Program on Aptitude for B.Tech Students

Intensive Aptitude Training Program

Dates: 22nd September 2022 to 25th September 2022
Target Audience: IV B.Tech Students
Number of Participants: 400
From 22nd to 25th September 2022, Sree Rama Engineering College (SREC) organized an intensive Aptitude Training Program for its final-year B.Tech students. A total of 400 students participated in this valuable training aimed at enhancing their aptitude skills and preparing them for placement written tests.

The primary goal of the program was to equip students with the necessary tools and strategies to crack the aptitude section of recruitment exams. The training covered a wide range of topics, including quantitative ability, logical reasoning, and verbal ability, focusing on time management and problem-solving techniques to boost students' performance in competitive placement tests. Experienced trainers and industry professionals conducted the sessions, providing students with practice problems, mock tests, and insights into common aptitude test formats. Students actively participated, gaining confidence in their ability to tackle placement exams with ease.

This training program is part of SREC's continued commitment to ensuring that students are well-prepared for the competitive job market, boosting their chances of securing desirable positions during placements.

An industrial visit to All India Radio station, Tirupati

An industrial visit to the All India Radio (AIR) station in Tirupati provided students with a unique insight into the world of broadcasting. During the visit, the students were introduced to the station's history, operations, and the technology behind radio broadcasting. The AIR team explained the various functions, including news broadcasting, program production, and transmission. Students observed the working of advanced equipment used for sound mixing, editing, and live broadcasts. They also had the opportunity to tour the control room and the studios, where they learned about content creation and the technical aspects of radio transmission. The visit highlighted the role of AIR in reaching diverse audiences and its contribution to public service broadcasting. It was an enriching experience, offering practical exposure to the broadcasting industry.

Dr. M.R. Pavan Kumar is delivering
a session in a
Add-on course on Data analytics and
Visualization

Dr. M.R. Pavan Kumar delivered an engaging session as part of an Add-on course on Data Analytics and Visualization. He introduced key concepts in data analytics, emphasizing the importance of transforming raw data into meaningful insights for informed decision-making. Dr. Kumar explained various techniques used in data analysis, such as descriptive, predictive, and prescriptive analytics. He also focused on the significance of data visualization tools like Tableau, Power BI, and Python libraries such as Matplotlib and Seaborn. These tools, he explained, help in presenting complex data in a visual format, making it easier to identify trends and patterns. Throughout the session, Dr. Kumar demonstrated practical examples, showing how effective visualization can enhance data interpretation. The session provided students with the skills needed to analyze data efficiently and create impactful visual representations.

Dr E. Murali, Associate Professor,
SIST, Puttur is delivering talk on
softwaretesting & its life cycle

Dr. E. Murali, Associate Professor at SIST, Puttur, delivered an insightful talk on "Software Testing and Its Life Cycle," covering key aspects of software quality assurance. He began by explaining the importance of software testing in ensuring that applications meet the required standards and function as expected. Dr. Murali outlined the various stages of the software testing life cycle (STLC), which include planning, design, execution, and closure. He highlighted the different types of testing, such as unit testing, integration testing, system testing, and acceptance testing, emphasizing their roles in identifying defects at various levels of the development process. The lecture also focused on the significance of test case design, defect tracking, and the role of automation in streamlining the testing process. Dr. Murali discussed best practices in software testing, including effective communication between developers and testers, ensuring comprehensive test coverage, and using metrics to improve testing strategies.

An Expert lectureon "Advanced 5G communication" by
Dr. K.P. Naveen, Asst. Professor (Grade1)from An Expert
lectureon "Advanced 5G communication" by
Dr. K.P. Naveen, Asst. Professor (Grade1)from

Dr. K.P. Naveen, Assistant Professor (Grade 1), delivered an expert lecture on "Advanced 5G Communication," providing deep insights into the revolutionary aspects of 5G technology. He began by explaining the key features of 5G, including faster speeds, lower latency, and higher connectivity compared to its predecessors. Dr. Naveen elaborated on the various applications of 5G, such as the Internet of Things (IoT), autonomous vehicles, and smart cities, highlighting how 5G will enable real-time data exchange and enhance user experiences. He also discussed the advanced technologies behind 5G, including Massive MIMO (Multiple Input Multiple Output), beamforming, and network slicing, which are designed to improve network efficiency and capacity. The lecture also touched upon challenges like spectrum management, security concerns, and the global rollout of 5G infrastructure. Dr. Naveen concluded with the potential future developments, emphasizing 5G's transformative impact on communication and technology.

Dr. V. Vasudeva Rao, Professor (Retd.), IIT Kharagpurwas delivering a session on Introduction to Quantum Computing

Dr. V. Vasudeva Rao, a retired professor from IIT Kharagpur, delivered a session on the fundamentals of Quantum Computing. He began by introducing the key concepts that differentiate quantum computing from classical computing. Classical computers rely on bits, which represent either a 0 or 1, while quantum computers use quantum bits, or qubits, which can exist in multiple states simultaneously, thanks to the principle of superposition. Rao emphasized the importance of another quantum property—entanglement—where qubits, even when separated by large distances, are strongly correlated. This allows quantum computers to process complex problems exponentially faster than classical computers in specific domains. The session also covered applications such as quantum cryptography, optimization, and simulation of quantum systems. Dr. Rao discussed the current challenges, such as error rates and decoherence, while expressing optimism for the future of quantum technologies. The lecture was a comprehensive introduction to the transformative potential of quantum computing in various industries.

An orientation to all engineering branches was organized by BS&H department under induction program for I B.Tech students

An orientation program was organized by the Department of Basic Sciences and Humanities (BS&H) under the induction program for the first-year B.Tech students. This event aimed to introduce the students to the various engineering branches and help them get acquainted with the academic structure, facilities, and resources available at the institution. The orientation, held at the beginning of the academic year, was designed to provide a comprehensive understanding of the different branches of engineering, including Mechanical, Civil, Electrical, Computer Science, Electronics, and more.

Senior faculty members from the BS&H department, along with representatives from various engineering branches, shared insights into the curriculum, industry trends, and career opportunities within each field. The event also highlighted the importance of interdisciplinary knowledge and how students can benefit from a holistic approach to engineering education.

In addition to academic insights, the orientation served as a platform for students to ask questions, clarify doubts, and gain a better understanding of their future academic journey.

ZENTREE LABS recruitedsix students with 3.6 LPA in campus placement on 28th October 2022

Zentree Labs, a leading technology company, successfully recruited six talented students during its campus placement drive on 28th October 2022. The company offered an attractive salary package of 3.6 LPA (Lakhs Per Annum) to the selected candidates. The recruitment process was conducted on the campus, providing students with a valuable opportunity to kickstart their careers in the tech industry. The selection process was rigorous, evaluating candidates based on their academic performance, technical knowledge, and problem-solving skills. The successful placement at Zentree Labs is a significant achievement for the students, opening doors to a promising future in the field of technology and innovation.

Coding Hackathon

Tirupati, Andhra Pradesh, India
MF5Q+M8V, Mangalam, Tirupati, Andhra Pradesh 517
India
Lat 13.658342°
Long 79.488171°
18/10/22 04:32 PM GMT +05:30

Prize distribution for winners in Coding Hackathon

The Coding Hackathon at SRET was an electrifying event that brought together passionate programmers, developers, and tech enthusiasts to showcase their coding skills and problem-solving abilities. The hackathon aimed to encourage innovation, teamwork, and creative solutions to real-world challenges.

Participants competed in multiple rounds, tackling algorithmic challenges, debugging tasks, and full-stack development projects. The event featured problem statements related to Artificial Intelligence, Cybersecurity, IoT, and Blockchain, pushing students to think critically and develop efficient solutions.

Expert mentors provided guidance and technical insights, enhancing the learning experience. The final round saw top teams presenting their projects to a panel of judges, who evaluated their innovation, efficiency, and real-world applicability.

The hackathon concluded with the announcement of winners and recognition of outstanding projects, inspiring students to pursue coding excellence and explore career opportunities in the tech industry. It was a truly engaging and knowledge-driven event at SRET!

**A training programon
Advanced Python Programming**

It appears you're looking for an "Advanced Python Programming" training program, specifically in the context of SRET (Sri Padmavati Mahila Visvavidyalayam) or a similar institution. Although I couldn't find direct details about such a program, there are many great alternatives for learning advanced Python both online and in person.

Online platforms like Web Age Solutions offer comprehensive courses on advanced Python, covering areas like OS services, GUI development, testing, and networking. This course is designed for experienced programmers who want to take their skills to the next level.

Similarly, Global Knowledge offers a course for Python enthusiasts looking to delve deeper into automation and task simplification. For learners focused on Python's advanced features, this program helps broaden their understanding of advanced techniques.

Codecademy offers an interactive "Advanced Python 3" course focusing on functional programming, concurrent programming, and deployment, making it a good choice for practical learners.
Another option is ROI Training, which offers an advanced Python programming course that dives into topics like database interaction and web scraping.

If you're looking for something at SRET specifically, I'd recommend contacting them directly or checking their course offerings on their website.

NEWS LETTER TEAM

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