

St. MARTIN'S Engineering College

UGC AUTONOMOUS



A NON MINORITY COLLEGE, AFFILIATED TO JNTUH, APPROVED BY AICTE, ACCREDITED BY NBA & NAAC A+, ISO 9001:2008 CERTIFIED SIRO RECOGNITION BY MINISTRY OF SCIENCE & TECHNOLOGY, GOVT.OF INDIA. Dhulapally, Near Kompally, Secunderabad - 500 100, T.S. WWW.SMEC.ac.in

Newsletter

Volume

03

Issue 01

Hum 360°

JUNE

2024

Department of Freshmen Engineering



PREFACE

- Message from Group Director
- Message from Principal & HoD
- Vision and Mission
- About the College & Department
- Message from Faculty

EVENTS

- Freshers Day
- Republic Day 2024
- National Road Safety
- Health Is Wealth
- Womens Day
- Life Style Management





ACHIEVEMENTS

- Book Publications
- Paper Publications
- Patents
- Online Courses

ACTIVITIES

- Science Club
- Lirerature Club
- Art Gallery
- Student Articles & Poems
- Faculty Articles & Poems
- Students Achievements
- Photo Gallery
- Editorial Board



Message from Group



Message from Principal

UGC AUTONOMOUS



The objective of bringing out the brochures of the individual departments is to highlight the strengths of the departments and at the same time visualize the principal growth with an aim to excel in their chosen areas.

The Freshmen Engineering Department at SMEC was established in the year 2002. The objective of the department is to offer the quality education as solid foundation through employing innovative teaching methods and utilizing the ultra-modern laboratories. The efficient team of Freshmen Engineering Department is further strengthened by Faculty Members. It has 18 Doctorates, 3 Professors, 07 Associate Professors and 84 Assistant Professors.

To add to the credit of the faculty, the department has published 350+ papers in various National and International journals/ conferences, 35+ books and 30+ patents. The faculty members have also successfully completed 500+ certificate courses such as Coursera, Alison, SWAYAM, etc.,

Freshmen Engineering Department is committed to achieve the vision commitments by them continuous efforts to be in the forefront of all the academic and co-curricular activities.

--- Dr. P. Santosh Kumar Patra Professor & Group Director



As we embark on a new year filled with promise and potential, I extend a warm welcome to every one of you through this Newsletter - "Sci Hum 3600". The Department of Freshmen Engineering's journey towards excellence in education continues. I am thrilled to witness the dedication and enthusiasm that our students, staff, and parents bring to our learning community. As we navigate the challenges and celebrate the triumphs ahead, let us remain steadfast in our commitment to fostering a nurturing and innovative environment, where every individual can thrive. Let's embrace the opportunities for growth, collaboration, and success this year holds. Thank you for your unwavering support, and I look forward to another year of inspiring achievements.

>Dr. M. Srinivas Rao Principal

Message from HOD



Vision and Mission



I, Dr.D. Ranadheer Reddy, Head of the F.M.E. Department, express my heartfelt happiness for bringing out the Newsletter. This News Letter is the second edition for the A.Y.2023-2024. This issue pubicizes the various achievements of students as well as faculty members and also the department's activities in which FME staff members and students were actively involved since January 2024 until May 2024. This News Letter serves as the diary of the artistic works and creative tasks of our B.Tech First Year students during the journey of 2nd semester, along with faculty members' individual achievements in their career growth. This News Letter also records the various milestones of in terms of bringing laurels for the department and so for SMEC through the faculty members' contributions in R&D. I feel honoured through the notable performances of our students in sports, NCC activities and micro projects. Our staff members have rendered their best services through R&D contributions, well-motivated students through mentoring sessions and inspired through the team work.

Finally, I congratulate all the staff members and students who have contributed writing the wonderful and inspiring articles, creating artistic works, sharing valuable messages without which there wouldn't have been this newsletter issue. I also hope that the skillful and artistic creations to be a constant practice.

--- Dr. D. Ranadheer Reddy Professor & HoD-FME

Vision:

To develop the department into Centre of Excellence in Applied Mathematics, core and applied areas of Physics, Pure and Applied Chemistry, Language Skills, Management Sciences and Soft Skills.

Mission:

- To impart value based and solid foundation courses for the technical education so that young and budding technocrats become dynamic professionals.
- To create an atmosphere in using mathematical and scientific tools for the innovations and discoveries in the field of Science and Technology.
- To strengthen the students to use English language as an essential aid for employment, higher study and entrepreneurship with the humanistic approaches of manners and etiquettes.
- To inculcate the managerial skills and environmental awareness in students as an asset in becoming dynamic entrepreneurs and responsible citizens.

About the College



St. Martin's Engineering College (SMEC) was established in 2002 by St. Martin's Children's Education Society. SMEC offers 10 B.Tech Courses, such as B.Tech in CSE (240), Artificial Intelligence and Data Science (180), CSE- AI & ML (180), Computer Science and Design Artificial Intelligence and Machine Learning (60), IT (180), ECE (210), EEE (30), MECHANICAL (30), CIVIL (30) with an intake of 1200 (UG) students per year. SMEC is a prestigious Autonomous (UGC-Govt of India) engineering college and first choice by aspiring students and parents. Since its inception, SMEC with a motto has been providing Quality Education in a highly disciplined and conducive environment with International Standards. It is a beautiful, unique & ineffable place which exudes positive energy, spiritual epiphany, a sense of serendipity and produces intellectual, cultural, social giants & academic leaders.

SMEC is awarded with prestigious grade A+ only 27 colleges in India, awarded A+ grade by NAAC), NIRF ranked, National ranking by ARIIA, 2(f) & 12(B) Recognized by UGC Act of 1956. All courses are NBA Permanently accredited. Affiliated JNTUH, Approved by AICTE, only young college in Telangana to receive UGC-Paramarsh, ISO certified, DSIR Recognition, J-Hub certified (JNTUH), TASK certified (Govt of Telangana), Part of Institute Innovation Council (MHRD-Govt of India), Remote center of IIT Bombay, Member of CII and MSME certified Institution. SMEC signed more than 108 MoUs with major companies' and institutions. Careers 360

Certified as AAA+; Competition Success Review Ranked in top 3; and Wikipedia Ranked 2nd in Telangana. SMEC is bestowed with the glorious Governor Award Thrice; The Engineering Educators' Award; NIRDPR Award (Govt. of India); IDF Best Partner Award; Dewang Mehta Award; TCS ION Award; CSI Award (Students Chapter); Best Innovation by Federation of Gujarat Industries, Street Cause-Most Dedicated Division, Best college award from Education Matter, Best College in sports facility and achievement by Stumagz, Telangana, National Leadership Excellence Award by ICCI.

SMEC is recognized as the Best Engineering College by American College of Dubai, Dubai. Rs. 21.46 Lakhs received from SERB, Government of India, Consultancy project worth of Rs. 594 Crores received from GHMC - Hyderabad, Government of Telangana. SMEC is the only college to receive Consultancy work worth of 150 Crores from HMWSSB, Hyderabad, by Government of Telangana. Recently, Rs.25 lakhs funding has been received from AICTE. Adding a feather in the cap, now **SMEC** students started receiving international awards and funding (4000 USD) from George Mason University Virginia, USA for our best start up, Rs.1.3 crores funding received from MSME, Govt. of India.

The remarkable achievement by the faculty members of the college is that they have published 270+ books, 12886+ research papers, 288+ patents, 108+ copyrights and 50, 000+ international certification courses.





The crowning glory in academic excellence was achieved by bagging gold medals from university every year. 138 innovative products are developed by students and faculties. SMEC has a strong vision of offering world class training to the promising engineers and Management professionals. SMEC is situated in an eco-friendly environment; the college has the best infrastructure. 100% ragging free campus.





The Department of Freshmen Engineering opens a lucid gateway for the young B.Tech aspirants through laying a strong foundation to the major Engineering Courses like CIVIL, EEE, MECH, ECE, CSE, IT, CSE(AI & ML), AI&DS,AI & ML and CSD.

The Department comprises nine disciplines namely, English, Mathematics, Physics, Chemistry, Basic Electrical Engineering, Computer Programming, Electronic Devices & Circuits, Engineering Graphics, and Management Sciences. The courses offered, basic sciences bridge between engineering and its implementation through their applications. This provides a strong platform for the students to use fundamental concepts for developing the skills and to solve the problems. As an integral part of the institute, the prime focus of Freshmen Engineering Department strives hard to provide a conceptual foundation in Basic Sciences. Apart from this, the department is instrumental in grooming the students into competent Engineers and individuals through training in Soft Skills to compete for global opportunities.

The efficient team of Freshmen Engineering Department is further strengthened by Faculty Members. It has 18 Doctorates, 3 Professors, 7 Associate Professors and 84 Assistant Professors. To add to the credit of the faculty, the department has published 350+ papers in various National and International journals/ Conferences.



To enhance the practical knowledge of students, improvised infrastructure and equipment's are provided in the Applied Physics, Applied Python Programming, Engineering Chemistry, Engineering Graphics, Python Programming, Engineering Workshop, IT Workshop and BEE labs. The laboratory sessions help the students to widen their practical knowledge. Communication Skills are inevitable for professional education and thus there is no stone left unturned in the Freshmen Engineering department. To enrich the working knowledge of English, the activity based English Lab (Interactive Communication Skills Lab) help the student community whereas the software based language lab (Computer Assisted Language Learning) aims to familiarize the learners to the nuances of English speech sounds and to neutralize the influence of the regional accent and to bring about a consistent accent and intelligibility in their English and enhance their performance at Placement Interviews, Group Discussions and other recruitments.

In addition to the regular subject knowledge, students imbibe the essential qualities of Human Values, Professional Ethics through classroom teaching and counselling which form the crux of the Department. Counselling plays a key role to the Professional students and this aspect is also given prime importance in the department with the help of cordial staff members. The students are

counselled to perform better and have a strong grip over the subjects. Attendance is monitored regularly to improve the results. Weekly tests are conducted on a regular basis recall their to progress. The dedicated faculty members of Freshmen Engineering have addressed themselves to orient the students towards the ultimate goal of relating their knowledge to the reality of life situations. Well-Designed courses in the First Year can help to bridge the gap between the profession and avocation, a student eventually wants to practice and the necessary preparation for their profession. Faculty are Convenors of various clubs in the college like Literary Club, Science Club, Language Laboratory., These clubs are responsible for making the students confident, competent individuals and give the students creative space.

The Freshmen Engineering department also conducts various FDPs/Seminars/Workshops/ Conferences for the benefit of faculty and to the student community. faculty members The for professional consistently strive development by doing quality research, conducting attending and seminars. presenting and publishing papers. The department staff members play a pivotal role in undertaking responsibilities to conduct various curricular and curricular COprograms of other departments also. Thus, they work towards the goal of students' progress. like Literary Club, Science Club, Language



A Candle in the Dark....



How do I begin when the journey is still on! I was born like everyone; I grew wings when I learnt to run. The wings were soft and silky,

and they were attached to my rough, tense skin. Then, I took off like no other bird could. I know, I am not a bird; maybe that's why the fly was so happy.

-----Dr.Rajji Mohammad Mastan Shareef Assistant Professor of Mathematics

Embrace the change as



Dream big, set audacious goals, and chase them with unwavering determination.
Embrace change as an opportunity for growth, and let

your setbacks fuel your determination to succeed. Your career is not just a destination; it's a lifelong journey of self-discovery and fulfillment. Embrace it, cherish it, and let it be a testament to the incredible potential that lies within you.

Wishing you all the success and fulfillment you deserve on your career journey.

- ------Mr. G. Chandramohan
Assistant Professor of Mathematics

Success is on your way when....



Success is not measured by accolades or achievements; it's measured by the impact you make on the lives of others. So, as you pursue your

own dreams, never lose sight of the importance of kindness, empathy, and compassion. Educational journey is not just about preparing for a career; it's about preparing for life. It's about developing the critical thinking, problem-solving, and communication skills that will serve you well in any endeavor you pursue. Embrace failure as a stepping stone to success, and let setback your determination to persevere.

- -----Ms B.Rajeshwari Assistant Professor of English

SELF-DISCIPLINE



When you are self – disciplined, you would see that you are doing better at institution or work. Self –discipline gives you a sense of satisfaction as you do

not have to be worried about the work you have not done. It's okay to take breaks, and you should do things you love when you are not felt motivated enough to do your work. Self—discipline helps you stick to your dreams and goals and makes the path to achieving those goals more manageable

- -----Ms.M.Prathyusha
Assistant Professor of Management
Studies

Message from Faculty



Education-Honing skills



You are the architects of your own future. Each day is a blank canvas waiting for your masterpiece. Embrace the challenges of learning with

enthusiasm, for every obstacle is an opportunity to grow stronger and wiser. Remember, education is not just about acquiring knowledge; it's about honing your skills, nurturing your passions, and discovering your true potential. Believe in yourself, trust in your abilities, and dare to dream big. Your potential is limitless, and the world is waiting for your unique contributions.

------Mr N V V Pandu Ranga Rao Assistant Professor of Chemistry

Commend for your resilience, creativity,...

Warm regards, as we approach the end of



another vibrant and eventful semester, I am filled with immense pride and gratitude for the incredible efforts and achievements of our entire college

community. Firstly, I would like to commend our students for their resilience, creativity, and dedication. Your enthusiasm and commitment to your studies and extracurricular activities continue to inspire us all. Despite the challenges we have faced, you have shown remarkable adaptability

and a willingness to go above and beyond in your academic pursuits. Keep pushing boundaries and striving for excellence.

To our esteemed teaching and non-teaching unwavering staff. vour support dedication to our students and institution are the cornerstone of our success. Your teaching innovative methods, research contributions, and mentorship have not only enriched the minds of our students but have also strengthened the reputation of our college as a center of excellence. Thank you for your hard work, passion, and commitment. As we look forward to the upcoming semester, I encourage everyone to continue to engage actively in our college community. Let's take advantage of the opportunities to learn, grow, and make

meaningful connections. Together, we can create a dynamic and supportive environment that fosters innovation, inclusion, and academic excellence.

Lastly, I wish everyone a restful and enjoyable break. Take this time to recharge, spend time with loved ones, and prepare for the exciting challenges and opportunities that lie ahead.

Thank you for your continued dedication to making SMEC a remarkable place to learn and grow.

-----Dr Someshwar Siddi Associate Professor of Mathematics



Role of Discipline in Student's Life

"Discipline is rarely enjoyable, but almost

always profitable."

Discipline is one of the most important personality traits in everyone's life. It refers to a set of



rules and regulations which are to be followed while undergoing any task or activity. It is a way of being honest, hardworking, motivated, and encouraged while doing any task. It is a character trait that helps individuals to complete the tasks within a given fixed deadline. The role of discipline in our life is to set orderliness, efficiency, punctuality, organization, and focus on our tasks. "Life without discipline is just like a ship without radar." Therefore, the importance of discipline in life just cannot be ignored. Discipline is one of the most significant personality traits in an individual's life. Discipline is the way of being honest, hard-working, motivated & encouraged throughout life. This character is very important in one's life as it helps maintain behavior. Saints and monks who meditate also first practice the art of discipline. A person who is well disciplined is on track and has orderliness in life. Discipline is the bridge between goals and accomplishment; hence it is the key to success. Discipline establishes a good basis for being selective, independent, punctual, focused, encouraged, and staying organized in life. Similarly, discipline is very important in a student's life.

-----Mr.K.Upender Reddy
Assistant Professor of Mathematics

The Meaning of Success!

Success is a broad and beautiful concept, and it can mean different things to different people at different times. As you journey through life, your understanding of success might evolve. Sometimes, it might signify professional accomplishments; while at other times, it could represent the love and support you receive from your family and friends.



One important key to achieving success is to begin with something that ignites your passion, something that you truly love. This will open up numerous

opportunities for you. The choices you make from these opportunities will be guided by your priorities at that particular moment. Remember, every path you choose is a step towards your unique version of success.

----Ch. Bhaskara Rao
Asst. Professor of English

Student's Ethics: The Foundation of Academic and Personal Integrity



The moral standards that direct someone's conduct or the way an activity is carried out are referred to as ethics. Ethics are important to students

because they influence not just their academic success but also their personal growth and future professional behavior.

Maintaining ethical norms in educational



institutions promote an equitable, courteous, and effective learning environment.

The foundation of the educational process is academic integrity. It entails scholarship and accountability as well as honesty. By abstaining from plagiarism, cheating, and other academic dishonesty, ethical students make sure that their credentials and grades accurately represent their skills and expertise. Personal growth is promoted by ethical actions. Students develop values like honesty, integrity, respect, and accountability by upholding ethical standards. These qualities are important for personal development and are admired in all facets of existence. Students' academic habits and values frequently translate into their working lives. Upholding moral principles in the classroom helps students become trustworthy and dependable professionals by preparing them for the moral dilemmas they will encounter in the workplace.

There are serious consequences for acting unethically. Penalties for academic failure include failing grades, suspension, and expulsion. A reputation for unethical behavior in the workplace can harm relationships with colleagues and restrict career chances. Ethically compromised people may also experience feelings of shame and a lowered sense of value in them.

-----Mrs.D.Swapna Assistant Professor of Chemistry

FRESHERS DAY: 03-01-2024

Freshers' Day was celebrated at St. Martin's Engineering College on January 3rd, 2024. The seniors from all branches hosted a party for their respective junior counterparts. The event was well-organized by the seniors and featured a variety of fun games and lively music. A common DJ was arranged, creating an energetic atmosphere where both juniors and seniors enjoyed dancing to the latest songs.









EVENTS



Republic Day 2024

The 75th Republic Day was celebrated with great patriotism and happiness by the management and staff of St. Martin's Engineering College (SMEC). The program featured a highlight: an impressive parade by the NCC girls. The flag was hoisted by our Chairman, Sri Marri Laxman Reddy Garu. Following this, Executive Director Sri G. Chandrasekhar Yadav Garu and Group Director Dr. P. Santosh Kumar Patra delivered inspiring patriotic messages. Deans, heads of departments, staff, and students all actively participated in the event.





NATIONAL ROAD SAFETY

A National Road Safety program was conducted in the Department of FME on February 19th, 2024. This awareness program focused on traffic rules and the consequences of violating them. First-year B.Tech students participated actively in the event.





HEALTH IS WEALTH

"Health is Wealth," a fitness program, was conducted at St. Martin's Engineering College on March 6th, 2024, at 11 AM in the Rabindranath Tagore Auditorium. Swamy Aditya Dev, a youth icon and vyakaranacharya for health, was invited as the chief guest. Along with his team, he performed yoga asanas and delivered a speech on maintaining good health. The event was graced by the presence of

EVENTS



Chairman Sri Marri Laxman Reddy Garu, Executive Director Sri G. Chandrasekhar Yadav Garu, and Group Director Dr. P. Santosh Kumar Patra. First-year B.Tech



students attended and contributed to the grand success of the program.







WOMENS DAY

St. Martin's Engineering College celebrated Women's Day on March 8th. Chairman Sri M. Laxman Reddy Garu all the women for their praised responsibilities, while Executive Director Sri G. Chandrasekhar Yadav Garu extended his wishes to everyone on this special day. Group Director Dr. P. Santosh Kumar Patra addressed the gathering, and a distinguished woman entrepreneur, who served as the Chief Guest, delivered an inspiring and motivational speech. The celebration included fun games, dances, and a catwalk for the women staff, with winners receiving beautiful prizes. Gifts and snacks were distributed to all women staff, and the program concluded successfully.





EVENTS



LIFE STYLE MANAGEMENT

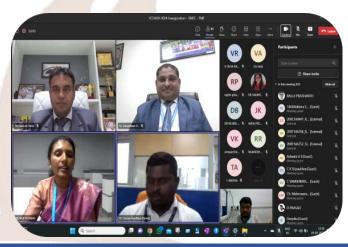
A Lifestyle Management program was conducted at St. Martin's Engineering College on May 4th, 2024. The event featured Chief Guest Sri K. C. Chowdary and Guest of Honour Mr. Praveen Atmakuri, who both delivered insightful speeches on maintaining a healthy lifestyle without stress. Executive Director Sri G. Chandrasekhar Yadav Garu extended his wishes to the participants. The event was also attended by Group Director, Dr. P. Santosh Kumar Patra, along with deans, heads of departments, and staff.



ICCIASH-2024: 19.06.2024

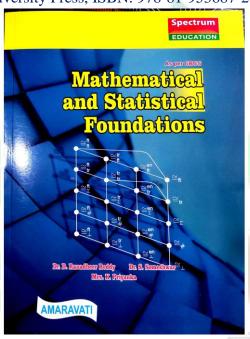
Online/Offline International Mega Conference titled "International Conference on Continuity, Consistency and Innovation in Applied Sciences and Humanities (ICCIASH-2024)" was hosted by the Department of Freshmen Engineering of SMEC with 432 participants in a grand manner on Microsoft Teams portal. The program was inaugurated by the Patron Dr. P. Santosh Kumar Patra, and corresponded by the Chief Guest Dr. Dasari Ayodhya, Assistant Controller of Patents & Designs, NIPAM Officer Intellectual Property India, Convener of the conference Dr. D. Ranadheer Reddy, Professor & HOD of Freshmen Engineering Department has headed the conference along with coordinators and committee members



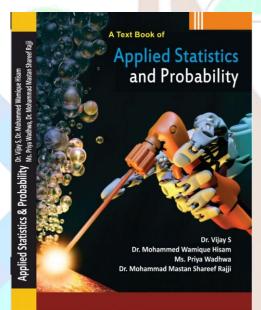


Book Publications

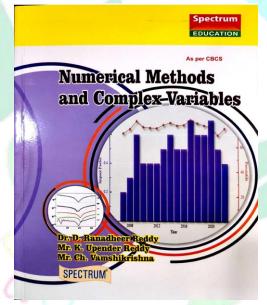
Dr. D. Ranadheer Reddy, Dr. S. Someshwar and Mrs. K. Priyanka wrote a text book of MATHEMATICAL AND STATISTICAL FOUNDATIONS- Publisher: M/s Spectrum University Press, ISBN: 978-81-953687-2-3.



Dr Mohammad Mastan Shareef Rajji wrote a Text Book of APPLIED STATISTICS AND PROBABILITY - Publisher: R K Publications, ISBN: 978-81-19489-38-1



D. Ranadheer Reddy, Mr. K. Upender Reddy and Mr. Ch. Vamshikrishna wrote a text book of NUMERICAL METHODS AND COMPLEX-VARIABLES-Publisher: M/s Spectrum University Press, ISBN: 978-93-92933-80-6.





- Dr. Nirmala Devi did patent in the field of "Pedagogical perspectives of a smart education model enabled by metaverse" Patent Number: 202441003939 A.
- Dr. Nirmala Devi did patent in the field of "Revolutionizing learning: the evolution of english pedagogy at modern universities" Patent Number: 202431012594 A.
- Dr. Nirmala Devi did patent in the field of "Exploring the effects of machine learning on english cultural teaching outcomes and strategies" Patent Number: 202331079453 A.
- Dr. S Someshwar did patent in the field of "Human Resource Analytics:
 A Strategy For Optimising Your Organisation& Most Valuable

 Asset" Patent Number: 202441002750
 A.
- Mrs. K. Haritha did patent in the field of "Iot Smart Energy Grid System" Patent Number: 202441016158 A.
- Mr. Nagaraj Rathod did patent in the field of "Emotion based music recommendation" Patent Number: 202441009549 A.
- Srinivas Cheera did patent in the field of "Heart disease prediction using machine learning uci dataset" Patent Number: 202441009539 A.
- Sravanthi Sallaram did patent in the field of "Emotion based music recommendation" Patent Number: 202441009549 A.
- Mr. Swaminathan did patent in the field of "Advanced filtering system for instagram hashtags through crowdtagging and hits algorithm" Patent Number: 202441011997 A.

- Mrs. V. Kiranmayee did patent in the field of "Rectifier load analysis for electric vehicle wireless charging system" Patent Number: 202441016153 A.
- Ms. Vallamkonda Usha Rani did patent in the field of "A novel design control of a three-phase hybrid converter for pv electric vehicle charging station" Patent Number: 202441016152 A.
- M Vishnuvardhan Reddy did patent in the field of "An intelligent system for fire risk prediction using deep learning" Patent Number: 202441016141 A.
- Mrs. Y.Meena did patent in the field of "Rectifier load analysis for electric vehicle wireless charging system" Patent Number: 202441016153 A.
- Dr. Suresh Kumar did patent in the field of "Advanced quantum sensors for ultra-precise measurement and quantum metrology" Patent Number: 202441010912 A.
- Dr. Raji Thomas did patent in the field of "Advanced Chemical Recycling Process for Plastic Waste Conversion into High-Quality Polymers" Patent Number: 202441038707 A.

PUBLICATIONS

• **Dr. Someshwar Siddi** published an article titled "An efficient wastewater collection model for groundwater resource protection in smart cities", in the journal "Groundwater for



Sustainable Development" Vol 25, ugc AUTONO 101091.

- **Shareef** • Dr. Rajji Md Mastan published article titled an "Construction of Group-Divisible Fourth-Order Slope Rotatable Designs using BIBD and its Applications", in "International Journal of Creative Research Thoughts" Vol 12, 2 ISSN-2320-2882.
- Dr. Rajji Md Mastan Shareef published an article titled "Enhancing Student Performance through Adaptive Knowledge Assessment: A Bayesian Optimization Approach", "Proceedings of the International Conference Sustainable on Communication Networks and Application (ICSCNA 2023) IEEE Xplore Part Number: CFP23DW8-ART: ISBN: 979-8-3503-1398-7.
- Dr. Rajji Md Mastan Shareef published an article titled "Analyzing the impact on groundwater quality using dynamic programming and vision transformer", in "Groundwater for Sustainable Development 25 (2024) 101159.
- Dr. Somashekhar published an article titled "Investigations into molecular interactions in binary mixtures of allyl alcohol and chlorinated methanes, along with the correlation analysis using FT-IR spectra and correlation with the Jouyban —Acree model", in the journal "Physics and Chemistry of Liquids, © 2024 Informa UK Limited, trading as Taylor & Francis Group.

- **Dr. Someshwar** published an article titled "An Optimized Recurrent Neural Network for re-modernize food dining bowls and estimating food Investigations into molecular interactions in capacity from images", in the journal "Entertainment Computing 50 (2024) 100664.
- **Dr. M. Dhamodhara Naidu** published an article titled "Effect of b2o3 on optical properties of dy3+ ion doped zinc-aluminum-sodium-phosphate glasses.", in International Journal, ie, Journal of Applied Spectroscopy, V. 91, No 2.
- Sandhya Rani M published an article titled "Studies On Normal Differential Equations And Operators: IJCRT, Vol. 12, Issue 1, Pp. d972-d978, ISSN: 2320-2882.
- Bharathi published an article titled "Review On Smart Materials For Bio Degradable Applications: IJCRT, Vol. 12, Issue 1, Pp. e1-e8, ISSN: 2320-2882.
- Sravanthi published an article titled "Machine Learning Techniques For Offensive Pattern Analysis: Material Science and Technology, Vol. 23, Issue 01, DOI:10.10543/f0299.2024.41910
- A. Madhavi Latha published an article titled "Integrated reading and speaking Skills – significance: IJAR, Vol 11, 1
- Rinky Sanyul published an article



titled "Integrated Reading And Speakingskills – Significance IJAR, Vol 11, 1.

- **Dr. Nehru Boda** published an article titled "Infuence of samarium doping on structural, thermoelectrical properties of nanocrystalline cobalt ferrite", in International Journal, ie, J Mater Sci: Mater Electron (2024) 35:61.
- M V Rajashekar Reddy published an article titled "Advantages and Disadvantages of Catalysis in Agriculture and Food Production", in National Journal, ie, International Journal of All Research Education and Scientific Methods IJARESM, Vol 12, 2.
- Nagaraj Rathod published an article titled "Biological syste administrations for compelling utilize of information driven modeling", in National Journal, ie, Industrial Engineering Journal, IEJ ISSN: 0970-2555, Volume: 53, Issue 2, February: 2024
- K. Swaminathan published an article titled "python using cloud computing powering the next era of it solutions", in International Journal, ie, Journal: International Journal of Information and Communication Technology (IJICT) Volume 2, Issue 1, January-June 2024, pp. 1-6, Article ID: IJICT_02_01_001 Journal ID: 1349-1544.
- Dr. Greeni published an article titled "Unveiling New Feminist Insights into the Inspiring Narrative of Women Pioneering India's Accomplished Mars

Mission in the Film Mission Mangal", in World Journal of English Language Vol. 14, No. 4; 2024.

- Avinash published an article titled "A
 Comprehensive Development of
 Human Emotion Detection based on
 Facial Features Using Digital Image
 Processing Methodology", in 5th
 International Conference on Intelligent
 Communication Technologies and
 Virtual Mobile Networks (ICICV) |
 979-8-3503-8564-9.
- Avinash published article an titled "Sophisticated TOI Home Control Utilizing the Things Voice IOT Framework with Google Assistant". in 6th International Conference on Contemporary Computing and Informatics (IC3I) 979-8-3503-0448-0/23/\$31.00 ©2023 IEEE.
- Gnana Prasanna published an article titled "Deep Learning for Smartphone-Based Malaria Parasite Detection in Thick Blood Smears", in Material Science and Technology Vol.23 No.02 2024.
- **Priti** published an article titled "Performance comparison and evaluation of the routing protocols Ofmanets in different simulation range", in Industrial engineering journal Issn: 0970-2555, Volume: 53, issue 2, february: 2024.
- Priyanka published an article titled "Improving Educational Performance through Effective Performance

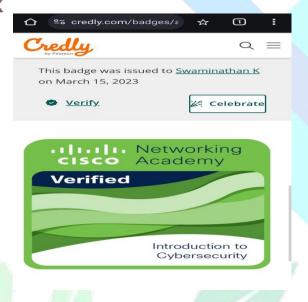


Online Courses

Management Systems", in Journal of Informatics Education and Research ISSN: 1526-4726 Vol 4 Issue 1 (2024).

- **Sravanthi** published an article titled "Asemantic based information retrieval in e-learning documents With qirsystem", in Industrial engineering journal Issn: 0970-2555, Volume: 53, issue 2, february: 2024
- Mr. Bhaskar Rao Chintha published an article titled "Developing Language Skills through Contextual Teaching and Learning (CTL) by Online Learning for 1st B. Students", in TESOL Kuwait Journal Volume 1 Issue 3.











Science Club is conducted in the department of FME on every Saturday. This is to provide a platform for students to explore engage with various scientific and disciplines outside of their regular coursework. It aims to foster a passion for science, encourage scientific inquiry, and collaborative promote learning environment among students. The key aspects and activities that can be part of a science club are Interest-based groups, Workshops and demonstrations, Science fairs and exhibitions, Science competitions and quizzes, Science magazine or newsletter. The primary goal of a science club in a B.Tech institution is to provide a vibrant and dynamic platform for students to explore, learn, and share their passion for science. It fosters a spirit of curiosity, critical thinking, and scientific inquiry, enhancing the overall learning experience and preparing students for future scientific endeavors





"You can swim all day in the sea of knowledge and not get wet"

The Literature club has been conceived by the Department of English for the love of the language exhibited by all students. With over 78 members, it is one of the most active clubs in campus.

Activity 1

The Participants, who attended the session on "Three Corners Debate", found it lifechanging experience. This activity on "Three Corners Debate" requires students to show their position on a specific statement (strongly agree, somewhat agree, strongly disagree) by standing in a particular corner of the room. This activity elicits the participation of all students by requiring everyone to take a position. Use this as a warm-up activity by asking students to respond to a statement about a topic they will be preparing. Participants made cent percent use of the verbal communication with body language that was showered on them. This was experience, that the students



wouldn't forget in their life-time. Participants were inspired to think beyond limits, beyond their normal understanding of themselves. Such an experience is much needed for everyone to have a boost-up in their lives. The session was found to be beyond inspiring to all the attendees. It was the most surreal memoir for everyone sitting

Literature Club

ART GALLERY

success.

Activity 2

The Participants, who attended the session on "Group Discussion" was conducted on the topic "Social Media: Impact on Human Behavior and Society". At the beginning of the session everybody seemed hesitant in expressing their opinion but soon the discussion picked up the pace and the purpose of the discussion, which was to encourage students to speak up and boost their confidence, was fulfilled. The discussion was between three groups, First group chose to highlight the positive impact of social media, Second group comprised of students who perceived negative impact of social media and the third group was the neutral group that apprised about both the benefits and challenges of social media. Points discussed in the favour of the topic were like "it makes people broad minded, helps in expanding knowledge, makes easy to find jobs, promotes digital marketing, access to more information and enhances social connectivity & communication". The views against the motion were "leads to false trap, selfobsession and materialism, means of spreading fake news, promotes gossips, trolling and addiction". Lastly, we tried to draw attention of the students to summarise and conclude the GD highlighting all the important points discussed by all the groups.



A MANIKANTA (CSE -B)



B SAHITYA –(ECE-B)



B SHRAVANTHI (AIML)





ARUN- (AIDS-C)



G SAI CHARAN (IT-C)



B SHRAVANTHI (AIML)



J VAISHNAVI (CSM-C)



QARTISORE.

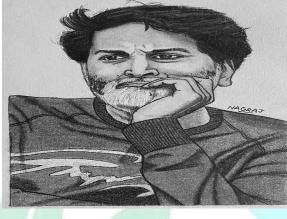
B BHAVYA (AIML)



UGC AUTONOMOUS



G SAI CHARAN (IT-C)



NAGARAJ (EEE)



K V PRATHAM (IT)



RAM MANIDEEP VARMA (AIDS-B)

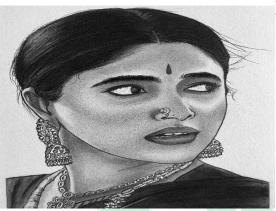


NAGARAJ (EEE)



RICHITHA (ECE-A)





NAGARAJ (EEE)



S KAVYA (AI&ML)



RAM MANIDEEP VARMA (AIDS-B)



S KAVYA (AI&ML)



RICHITHA (ECE-A)



SAI TEJA (CSG)





T DINESH IT-C



VARSHA (ECE-C)



P VAMSHI KRISHNA Assistant Professor



P VAMSHI KRISHNA Assistant Professor



T DINESH IT-C



P VAMSHI KRISHNA Assistant Professor





S.SRINIVAS Assistant Professor



S.SRINIVAS
Assistant Professor



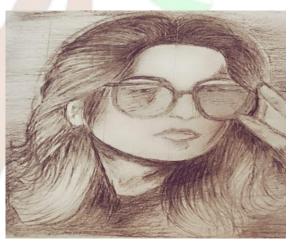
S.SRINIVAS Assistant Professor



S.SRINIVAS Assistant Professor



S.SRINIVAS Assistant Professor



S.SRINIVAS Assistant Professor

STUDENT ARTICLES



Digital Detox: Escaping the Trap of Endless Scrolling



Have you ever picked up your phone to check one thing and ended up scrolling for an hour? You're not alone. This happens

to a lot of people, thanks to social media and news feeds designed to keep us looking at our screens for as long as possible. But too much screen time can really wear us out, both mentally and physically. Taking a break from screens, or doing a digital detox, can help us get back control and feel better overall.

Screens are everywhere—in school, at work, and even when we're relaxing. It's easy to get caught up in the never-ending flow of photos, videos, and posts. Research shows that most people spend several hours each day just scrolling, often without realizing how much time has passed. This can leave us feeling exhausted, stressed, and anxious because our brains never get a break from all the information. Scrolling late at night can mess up our sleep, too. The blue light from screens can confuse our body's sleep cycle, making it hard to fall asleep. Our eyes can get tired, and we might get headaches from looking at screens for too long. Plus, sitting for hours without moving can cause health problems like weight gain and back pain.

So, how do we stop the cycle of endless scrolling? Start with some simple rules, like not using your phone during meals or turning off notifications when you're studying. Try to do more activities that don't involve screens, like reading a book, going for a walk, or spending time with friends in person. There are also apps that can help you

track and limit your screen time. These small steps can make a big difference in how your day-to-day life. For example, a friend of mine realized she was spending too much time on her phone and decided to try a digital detox. She turned off her social media notifications and set a daily limit on her phone usage. She used her extra time to learn cooking, something she had always wanted to do. After just a week, she felt more energetic and less stressed.

If endless scrolling is taking over your time, it might be a good idea to try a digital detox. It doesn't mean you have to give up your phone completely, but finding a better balance can make you feel happier. By making these changes, we can escape the trap of endless scrolling and enjoy a healthier, more fulfilling life. By stepping away from our screens, we can rediscover the simple joys of life and connect more deeply with the people around us. A digital detox helps us live fully in the moment, free from the endless scroll.

S P MADHAV CSE D 23K81A05P2

The Indian Crab(Crap) Story



Appreciation is not just saying "Wow," "Good job," or "Very good." It's about recognizing

someone's effort, whether their work is

outstanding or just okay, and praising their dedication. Appreciation never spoils anyone; it adds responsibility, strength, and interest in their tasks. After receiving appreciation, people strive to improve their

STUDENT ARTICLES



skills and seek more recognition, which drives them toward perfection.

Appreciation helps us focus on the abundant good rather than the often insignificant bad. Even if things are really bad, there's a better way to handle them. You don't have the right to criticize someone at their worst if you didn't appreciate them at their best. As Swami Vivekananda said, "Don't say you're bad say you're good but try to be better".

We Indians often struggle to appreciate each other. Let me illustrate this with a story that I heard in my second-grade class: "THE INDIAN CRAB STORY." In this story, crabs from different countries were kept in boxes with lids. However, the Indian crabs were kept in an open box without a lid. When asked why, the fishermen replied, "These Indian crabs don't need a lid because when one tries to escape, the others pull it back down." That was the end of the story. At that time, we just laughed and forgot it but later realized it was a most provoking and sarcastic commentary on unity among Indians, with a significant moral.

We can't erase or unhear the story now, but we can rewrite it. We can rewrite it by ensuring that Indian crabs are held tightly together through appreciation and gratitude for those around us and what we have rather than escaping alone. I believe that great minds seek appreciation, and great hearts deliver it. Not everyone has a great mind, but it is in your hands to cultivate a great heart. When one starts appreciating the other, the faults start to look smaller.

Jai Hind!

Sunketa Meghana
CSE-D
23K81A05P6

A Glimpse on My College



For every student, his college is special to him because it is that place that gives him a lot of experiences along with learning. My college, St, Martins Engineering college which is located in

Kompally and it is a prestigious College in Hyderabad. It is extremely special to me. It has a great record of exceptional performance of students not only in academics but also in extra-curricular activities and events. There are a lot of opportunities, especially in academics for us to explore. I have made a lot of friends here who are so helpful and caring. The environment of my college is very welcoming. I am glad to be a part of this college.

My college has not only shaped my academics but has also played a crucial role in the development of my personality as an individual. It is such an integral part of my life. The infrastructure of my college is great. It's very aesthetic as well. In the front, we have our lawn where the statue of Mahatma Gandhi erected which is the symbol of peace and serenity. Located near the playground, is our canteen that offers great food at a reasonable price for students.

Our professors are great at teaching. They have proper and thorough knowledge of their discipline and impart the same to us. If we have any doubts, they clear them in an effective way. I also met some great people in my college who are now my friends. They are so helpful and caring. My college has



also taught some of the famous people. My college has taught me so much in terms of experiences and knowledge that has helped me become what I am today and I am proud and grateful to be a part of this institution

Nikitha

CSM-B ROLLNO:23K81A66B4

Importance of Artificial intelligence



Artificial intelligence (AI), manifested by machines that exhibit aspects of human intelligence (HI), is increasingly utilized in service and today is a major source of innovation. For

example, robots for homes, health care, hotels, and restaurants have automated many parts of our lives, virtual bots turn customer service into self-service, big data AI applications are used to replace portfolio managers, and social robots such as Pepper are used to replace human greeters to welcome customers in customer-facing services. These developments have made some people declare that we are in the fourth industrial revolution in which technology is blurring the boundary between the physical, digital, and biological spheres. This AI revolution and threat have sparked multidisciplinary research attention. There are two major research streams related to the progress of AI. The service and technology literatures tend to focus on the positives of AI technology usage, while the economic literature tends to focus on the effect of AI on jobs. The service literature tends to focus on applications of intelligent technology service enabled by various technologies, and

service technologies. Research has shown that the advance of technology should lead to predictable consequences including increasing adoption of self-service technologies, higher optimal productivity, and a larger service sector.

Abdul sohail 23K81A0565 CSE -B

The Decline of Test Cricket in the Modern Era



In recent years, Test cricket, once revered as the pinnacle of the sport, has witnessed a noticeable decline

in popularity. Several factors contribute to this downturn, each chipping away at the traditional format's appeal.

Firstly, the rise of limited-overs formats, especially Twenty 20 (T20) cricket, has significantly impacted Test cricket. T20's fast-paced and entertainment-driven nature caters to modern audiences' shorter attention spans, drawing crowds and viewership away from the longer, more strategic Test matches. The shorter formats offer instant gratification and fit well into the busy schedules of contemporary fans, making them more commercially viable.

Secondly, the demanding nature of Test cricket poses a challenge in an era where instant results are valued. A Test match



spans five days, requiring both players and spectators to invest considerable time and patience. In contrast, One Day Internationals (ODIs) and T20 matches provide conclusive results within a day, aligning better with the fast-paced lifestyle of today's audience.

Moreover, the financial dynamics of cricket have shifted dramatically. T20 leagues, such as the Indian Premier League (IPL), offer lucrative contracts and substantial rewards, attracting top talent worldwide. Players often prioritize these shorter formats to maximize their earnings, leading to a decline in the quality and competitiveness of Test cricket.

Lastly, the traditionalist nature of Test cricket struggles to resonate with a younger, more diverse global audience. The sport's administrators must innovate to make Test cricket more engaging and accessible, such as through day-night matches and contextualizing Test series within meaningful tournaments.

In conclusion, while Test cricket remains a cherished format among purists, its struggle to maintain relevance in the face of evolving audience preferences and financial incentives cannot be overlooked. Efforts to rejuvenate and adapt the format are crucial to ensuring its survival and continued significance in the cricketing world.

DAKSH MAVANI Roll NO: 23K81A0487 Branch: ECE-B

Long story short, college



We all agree on the fact that school days and school life is best. But they are a few who believe that their college life is the better than school life. And it could be because of any reason, could be

friends, their academics, anything! And I am one of them too. We all have experienced that feeling when we want nothing but school life to end. And when it actually ends, we miss that life and those laughs. We can relive all those moments in college life too. But when college ends? We are not students any more, we are adults with responsibilities. There is no way we could relive any of those moments or those endless and meaning laughs with our friends. Some of us will be thriving at their dream job, some of us would just be leading an average desi family life, some would opt for higher studies, but whatever the choice, we absolutely cannot get our student life back!

College life. A life where we realize we are ruining our lives but still choose to do it anyway. We live the best moments roasting our friends, commenting on

teachers, trying to bunk classes whenever possible, getting punished for laughing in class, assignment submission tension, mid exam preparations, one night batting for semester exams, cheating in internal and external lab exams, submitting projects which we know nothing about, and many more. Amidst all the chaos, the only thing keeping us alive is our friends and senseless laughs with them. And college life is not just about friendships. Some of us experience our



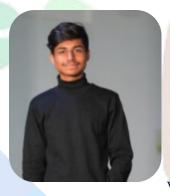
first relationship here. It might or might end on good terms but it will forever be one of the most beautiful memories of our life. And in the blink of an eye, we are already in our senior year. Nothing changes but everything is different now. We get busy with the things we do not even know existed until then!

And not so early, we are already in our final year, some of us fighting for better packages, some of us leaving abroad for higher studies.

College life is beautiful! "Enjoy while it lasts" maybe this was meant for us, college students. Our St. Martin's Engineering College can be a nightmare but I would not change a thing about it.!

SRISRITHA VISWANADHUNI 23K81A04C6 ECE-B

LETS GO! 0 TO 1



We live in a world where you're constantly judged over your rank, salary, and lifestyle. Society wants to you get associated with verbs like "perfect",

"best" and way more. The love for materialistic pursuits plunged our essence of life. The result for being 'the best' is just appreciation. We, the Gen Z, wanted to feel superior over others' irrespective of truth we live along: we might, cannot afford an iPhone but still try to purchase it because we want to have a status symbol. It can be inferred that, the GenZ work to show others'

not for their own happiness. Not believe me? Let me take you through an example.

Answer me this simple question: What's your goal?

To this question I may get different answers: some would say 'I want to drive a Ferrari one-day' while others would say 'I want to be the next CEO of Google!' etc.... Nevertheless, the simple reasoning I could make is 'Do you want to have a Ferrari or you want others to know that you drive a Ferrari?. Having a Ferrari for yourself and letting others know that you drive a Ferrari are opposite poles, it depicts where you draw your happiness from, whether you value your opinion or others.

Every social media influencer on internet advises you to have skills, they believe having skills can only land a job in today's fast-paced market. Subsequently, undergraduate does know that having skills can make their pot better. However, a few of undergrads are successful to achieve their goals, as many fail to even start their journeys. The journey to 0 to 100 is tough until you learn to go from 0 to 1. The first step is always crucial, it determines where your path will lead you to. Ninety-percent of people fail to take their first step because they frighten about people's judgement, to them others happiness is greater than theirs. In life be a self-centered person, be your own boss, make decisions that align within your interest; value others' opinions if they somewhere help you in your growth. The superficial journey from 0 to 1 should be yours, I repeat yours. Let's Go 0 to 1.

> KHAJA GHOUSE KHAN 23K81A7425 AI&ML

STUDENT ARTICLES



COLLEGE LIFE Certainly!



College life is an intricate mosaic of experiences, each tile representing a unique facet of growth and discovery. Latenight study sessions become not just a

means to an end, but a shared journey of intellectual pursuit, where ideas collide and perspectives shift. Laughter echoes through dorm rooms, forging bonds that withstand the test of time. These friendships, forged in the crucible of collegiate life, become pillars of support, offering solace in times of trial and celebration in moments of triumph.

Yet, beyond the camaraderie lies a deeper quest for self-discovery. College is a crucible wherein the raw material of potential is refined into the polished gem of individuality. It's a journey of exploration, where the boundaries of knowledge are stretched and new horizons beckon. Challenges, once daunting, become stepping stones, propelling one forward on the path to personal and intellectual fulfillment.

Every lecture, every discussion, every extracurricular activity is an opportunity to carve out one's path in the world. These formative years not only shape one's future career but also mold the very essence of one's character. So, amidst the hustle and bustle of academic pursuits, it's crucial to pause, to cherish every moment, and to embrace the magic of this transformative chapter. Dive into classes with passion, join clubs with gusto, and let the essence of college life infuse your being with its profound wisdom and boundless potential.

WHAT AM I UP TO???

Oh God! oh Supreme Personality!

What am I up to?

Is It Worth It?

The Place Where I am?

Is The Place Worth it, Where I Was

Supposed to be?

Oh God! Please answer all my questions!!!

Where are you?

Facing all the Obstacles,
Hurdles and Miseries and Many More,
Miseries That can only be felt,
Are All Those meant for Me?
Oh God! Please answer All My Questions!!!
Where are You?

Will All Those Miseries,
All Those Hurdles and Obstacles will be
worth It?
All Those sleepless Nights,
Bad Days, will They end One Day?
Will They be worth It???
Through Which I am suffering.
Will All This Come to An End One Day?

Oh God! Please Answer....
Where Are You?
Where Are You?
Where Are You?



RIJUL ANAND CSE D 23K81A05R3

CH. NIKITHA



The Life of Engineering students

In the world of wires and machines, Where engineers chase their dreams, Students work hard, day and night, Facing challenges, seeking the light.

Equations, circuits, and lines of code,

Sometimes make their heads explode,

But with grit and determination in their core,

They tackle each obstacle, seeking more.

Late hours in labs, early classes too,
Engineering students, they push through,
With passion burning bright and strong,
They navigate a journey, sometimes long.

For every struggle, every tear,

They grow stronger, year after year



S Vahini AI&DS-A 23k81A7256

BECOME A TRUE CARE-TAKER

No man can be a true father.
Until he trains himself further
He might be born to be a man
But he might not be born with compassion

No man can be the best father
To his son or to his daughter
But when he learns to live by spreading love
He becomes a father for everyone

Do not just teach your son to become a brother But let your son learn becoming a true care-taker Because he might be bossing around his wife But cannot be parenting above around his children for life

No man can become a dad- some
Rather than giving his chromosome
As he is the one to decide his child's respect
and supremacy
But not his child's ambition and fantasy

Dad may be yours lovely
But he can't be others truly Each has his hat
uniquely
But not his father greatly



SIRIPURAM SRINIDHI Roll No: 23K81A0459 Branch: ECE-A



"SUNSHINE SMILE"

Beneath the sky so blue and wide,
A simple joy, nowhere to hide.
A sunshine smile, warm and bright, Chasing away the darkest night.
In laughter's dance, a melody sweet,
Heartbeats echo a joyful feat.
Nature whispers, trees in sway,
Simple moments, bright as day.
Through gentle words and friendships dear,
Kindness blossoms, crystal clear.



Rashmitha Gunnala 23K81A1238

IT-C

MY BELOVED.....

Oh! My beloved one...

Oh! My beloved one...

You're my beloved one...

Even the seas dried up....

Even the life of sand Exhaust...

The stars are extinct...

My beloved one... Love for you will not die...

Oh! My beloved one...

Oh! My beloved one...

Your Face remembers me the...

Remembers me the...moon

Your Smile remembers me the...

Remembers me the.. Newly blossom

flowers...

My beloved one...Love for you will not die...

Oh! My beloved one...Oh! My beloved one...

May be the rainbow disappear...

May be the climate change...

May be the rain stops...

My beloved one... Oh! My beloved one

Love for you will not disappear...will not change...will not stop...



P.ANAND 23K81A04L7 ECE-D

POETRY

Poetry is when an emotion has found its

thought and the thought

has found words....

Sardhi Ke Mausam me bass ye dill

Chatata Hai....

Ek Shaam ho

Tera Hona pass ho

Chai ki Pali Hoo

Kabhi Na kali Hoo...

Ek dost meri Zindagi me Aisa Hai

Jise se Baat Karebag hare Mera

Din fizulhai

STUDENT POEMS



Uske Ghuse me Mohabath Pyare me Bharosa, Aur Naraghi me Apna pan Hai...

Haa...

Voo Mera dost Nahi

Mere Jaan Hai



23K81A04J8.

P.SAI RUTHIKA

ECE-C

KARIEMA Roll NO: 23K81A04GO Branch: ECE- C

PEACE

A man with peace;

Can make his world fleece

When you look for peace;

The peace lies within you

A Home without peace;

Like a flower without petals

A bird with peace files like a feast;

Every battle may begin with a brawl

But it always ends with peace

Peace always lies in you;

And remains in you until your permanent sleep

His voice tasted of honey
it was too sweet and too heavy
for the delicate taste buds of she-writers
who prefer to drink men
with a taste of bitter coffee.
Everybody is grown until

it's time to communicate, apologize or tell the truth.





The Dilemma at Crossroads of Choice



Once upon a time in a bustling city, there lived a teenager named Manas. Manas was intelligent and talented, known for his sharp wit and passion for music.

However, he had a weakness: a fascination with video games that gradually turned into an addiction. Manas's parents, noticing the decline in academic performance and social withdrawal, grew increasingly concerned. They tried various interventions, from limiting screen time to encouraging other hobbies, but Manas was drawn deeper into the virtual world, neglecting schoolwork and missing opportunities.

One day, Manas's school hosted a job fair. Entrepreneurs, artists, engineers, professionals from various fields gathered to inspire the students. Manas reluctantly attended, expecting a dull affair. However, one speaker caught his attention—a successful musician named Sadguna. Sadguna shared her journey from a teenage passion for music to becoming a renowned artist. She spoke of the challenges she faced, the sacrifices she made, and the dedication required to succeed. Her words resonated deeply with Manas, stirring a long-buried dream of making music.

That evening, as Manas pondered Sadguna's story, a realization dawned—he was at a crossroads. The path of addiction led to isolation and mediocrity, while the path of passion and hard work led to fulfillment and success. Determined to change, Manas decided to break free from the grip of video games. With newfound resolve, Manas began to immerse himself in music. He joined a local band, started composing songs,

and honed his skills day by day. It wasn't easy—the temptation to revert to old habits was strong—but Manas persisted, fueled by Sadguna's example and his own dreams.

Years passed, and Manas's dedication bore fruit. He excelled academically, graduated with honors, and pursued a career in music. From local gigs to international stages, Manas's talent shone brightly. His story became an inspiration to others struggling with addiction, showing that with courage and determination; anyone can overcome obstacles and achieve their dreams. As for Manas's addiction to video games, It became a distant memory, a reminder of the power of choice and the resilience of the human spirit. And whenever Manas faced challenges along their journey, he remembered Sadguna's words: "Success is not given, but earned through hard work and unwavering passion." Moral of the Story: Teenage addictions can promising futures, derail but determination and a shift towards positive passions, anyone can carve out a successful and fulfilling career. The choices we make today shape our tomorrow—choose wisely.

Compiled by - Mr.G.Laxmikanth Associate Professor of English

Navigating the Path to Success: A Blueprint for Engineering Students

n today's rapidly



changing world, the journey of an engineering student is akin to embarking on a voyage filled with challenges,

opportunities, and endless possibilities. As they navigate

through the rigorous academic curriculum,



grapple with complex problem-solving tasks, and engage in hands-on experiences, the foundation for a successful and fulfilling career is laid. However, the pursuit of success extends far beyond the confines of the classroom. It encompasses a holistic approach that integrates personal growth, professional development, and a commitment to lifelong learning.

- 1. Embrace the Learning Journey: The pursuit of excellence begins with a deep commitment to learning. As an engineering student, cultivate a thirst for knowledge that extends beyond the prescribed syllabus. Engage in curiosity-driven exploration, seek out opportunities for interdisciplinary learning, and remain open to diverse perspectives. Remember, every challenge is an opportunity to expand your skills and broaden your horizons.
- 2. **Technical** Develop Proficiency: Engineering is a discipline rooted in technical expertise. Master the fundamental principles of mathematics, physics, and computer science that form the bedrock of engineering knowledge. Cultivate proficiency in specialized areas of study, whether it be mechanical, electrical, civil, or software engineering. Embrace hands-on projects, internships. and research opportunities to translate theoretical knowledge into practical skills.
- 3. Cultivate Problem-Solving Skills: At the heart of engineering lies the ability to solve complex problems creatively and efficiently. Hone your analytical skills, critical thinking abilities, and decision-making prowess. Learn to approach challenges with resilience, tenacity, and a systematic problem-solving

mindset. Remember, every obstacle is an opportunity to innovate and refine your problem-solving toolkit.

- 4. Foster Collaboration and Communication: Engineering is rarely a solitary pursuit; it thrives on collaboration and teamwork. Develop strong interpersonal skills, effective communication abilities, and a spirit of collaboration. Learn to work synergistically with diverse teams, leverage collective expertise, and communicate ideas clearly and persuasively. Remember, the ability to collaborate effectively is as essential as technical proficiency in today's interconnected world.
- Embrace Innovation and The Entrepreneurship: hallmark of engineering excellence lies in its capacity to innovate and create transformative solutions. Cultivate an entrepreneurial mindset, foster a culture of innovation, and dare to think outside the box. Explore opportunities to bring your ideas to life, whether it be through startup ventures, research initiatives, or social innovation projects. Remember, the path to success is often paved with bold ideas and fearless experimentation.
- 6. Commit to Lifelong Learning: The landscape of engineering is constantly evolving. driven bv technological advancements and societal needs. Embrace a commitment to lifelong learning, stay abreast of emerging trends and developments, and continuously upgrade your skills. Pursue further education, professional certifications, and continuous professional development opportunities. Remember, the pursuit of success is a journey, not a destination, and lifelong learning is the compass that guides you forward.



In conclusion, the successful life of an engineering student is characterized by a relentless pursuit of excellence, a passion for innovation, and a commitment to making a positive impact on the world. By embracing the learning journey, cultivating technical proficiency, fostering collaboration, and committing to lifelong learning, engineering students can chart a course towards a future filled with endless possibilities and boundless opportunities for success.

Mr.S.Srinivas Assistant Professor of Management Studies

The Value of Education in One's Life



The Importance of Education is a significant issue in one's life. It is the key to success in the future and to have many opportunities in our life. Education has

many advantages for people. For instance, it illuminates a person's mind and thinking. It helps students to plan for work or pursue a higher education while graduating from university. Having education in an area helps people think, feel, and behave in a way that contributes to their success, and improves not only their personal satisfaction but also, their community. In addition, education develops human personality, thoughts, dealing with others and prepares people for life experiences. It makes people have a special status in their own society and everywhere they live in. I believe that everyone is entitled to have education "from cradle to grave". There are various benefits of having education such as having a good career, having a good status in society, and self-confidence. First of having

education gives us the chance of having a good career in our life. We can have plenty of chances to work at any workplace we wish. In other words, opportunities for a better employment can be more and easy. The highly educated we are the better chance we get. Moreover, education polishes our reinforces mind. our thoughts, strengthens our character and behaviors toward others. It equips us with information in various fields in general and our specialization in particular; especially what we need to master in our job career. Therefore, without education we may not nor have a decent survive properly profession.

Mr. Bhaskara Rao Chintha Assistant Professor of English

Be a Rock Star at Work:



I just finished reading an article in Fortune on the Google guys and all their economic success. It inspired a torrent of ideas (readings like that, isn't it?). It got me

thinking about the importance of showing up fully at work—giving the fullness of your brilliance and playing altogether out. Being wildly passionate about your To Do's. Being breathtakingly committed to your big projects and best opportunities. Being a rock star in whatever you do daily to put bread on your table.

Work gives meaning to our lives. It influences our self-worth and how we perceive our place under the sun. Being great at what you do isn't just something you do for the organization you work for—it's a gift



you give yourself. Being spectacularly great at your work promotes personal respect and excitement and makes your life a lot more interesting. Good things happen to people who do good things. When you bring your highest talents and most profound devotion to your work, you set yourself up for a richer, happier, and more fulfilling living experience.

How do you feel after a day where you've given your all? How do you feel when you've had a great time with your colleagues and gone the extra mile for your clients? How do you feel when you've brought more passion to your work? How do you feel when you've reached your biggest goals and achieved them? It feels pretty amazing, doesn't it? And remember, you don't need a fancy title to do a great job. As Dr. Martin Luther King Jr. once said, "If a man is called to be a street sweeper, he should sweep streets even as Michelangelo painted, or as Beethoven composed music or Shakespeare wrote poetry. He should sweep streets so well that all the hosts of heaven and earth will pause to say, 'Here lived a great street sweeper who did his job well.'

And you don't need to have the most significant title to do the best job.

So, step into the spotlight of this day and give it your all. Deliver a performance that leaves your audience in awe. Be the Bono of selling staplers, the Keith Richards of accounting, and the Jimi Hendrix of human resources. When your work is recognized and people from all over ask for your autograph, remember the journey and the effort it took to get there. I'd love to hear from you and celebrate your success.

DR.A.GREENI Assistant professor of English

The story of a statue that protects life



Education is an imperishable wealth. Otherwise, all wealth like gold, material, land is perishable. But even if they perish, we can save them with education. Education

will save you in times of danger. Here's a story to illustrate that, let's see.

Many years ago, there was a country along the coast. There was also a sculpture gallery in the prosperous country called 'Vala Nadu'. The name of a student studying there was 'Venu Vijay'.

Although this Venu Vijay had some interest in sculpture, he was bored and disgusted at the thought of spending time in the sculpture studio forever. However, his father, who wanted him to learn some art, had enrolled him in the sculpture studio. So, with no other option, Venu Vijay came to study sculpture out of boredom.

One day, while he was going to the beach, he saw a big ship standing by the beach. So far, he has visited that beach many times. But he had never seen such a strange ship. So, he went inside the ship and had fun looking at it. Even the interior of the ship was very different. Inside, there were also some secret rooms. When he had thus seen all the sites, and was about to depart, the ship was at anchor and ready for the voyage.

"Oi!! I am an outsider here!! Stop the ship", shouted Venu Vijay. Hearing that noise, a man came and stood in front of him. Only now did Venu Vijay understand. It was no



ordinary ship; A pirate ship. He was blown away.

"Forgive me.... I came into this ship unknowingly. I will not tell anyone about you.... Get me off!!". He pleaded with the pirate. But he and his team members were not about to let Venu Vijay go. The ship continued its voyage to take him as their hostage.

Thus, the ship in which Venu Vijay and the pirates were traveling, suddenly got caught in a huge whirlpool. Tossed and tumbled, it finally stopped at the border of another country.

So, it went to the border and stopped! All the country's guards rushed into the ship. They arrested all the pirates they saw, including Venu Vijay, who was traveling with them, and brought them before the king.

These pirates are no ordinary people. That is why, in those days, if they were caught, they would be punished very severely. The king also gave death sentence to all of them. Venu Vijay was considered one of them. So, Venu Vijay started crying terribly. He pleaded with the king that he was not a robber but a student of sculpture. But the robbers who stood by him completely denied it.

"King, King! Don't trust him! He is one of us too" they said. "I don't trust any of you. In three months, you will all be beheaded. Till then you all go and stay in prison," he said and sent them to a high-security prison.

Venu Vijay's agony increased. He sat in his prison cell and cried every day. It was in this situation that a guard working in the prison took pity on Venu Vijay. "Why, brother! Don't you have a shred of evidence to prove yourself to the king?" he asked.

"Sir, what can I do? I am a sculptor. Can I come with chisel and stone in hand to prove it," replied Venu Vijay in despair.

The guard thought and said, "Okay, brother... I'll bring you a chisel. Carve a sculpture. Maybe, if you really know how to carve a sculpture, you can prove yourself to the king!!" That being said, it turned out to be a good idea for him too. As soon as possible, he procured a chisel through the guard.

Wouldn't they have put a pillow in the prisons of that time for sleeping? He decided to make his sculpture on that pad. Sculpting was difficult because learning was not fully engaged during the education period. However, he tried to carve a good sculpture by remembering everything that his chief sculptor had said little by little, day and night, without sleeping a wink.

Days passed like this, and the day of his punishment came. Typically, death row inmates are asked before their sentences are carried out, "What is your last wish?" Ask that!! Similarly, they asked Venu Vijay too.

Venu Vijay said, "I have only one wish. I have prepared a gift for the king in this prison where I have lived for so long. Since I cannot take that gift, the king must come here to see it. That is enough," said Venu Vijay.

Being a 'death row prisoner', the king also agreed. He came to the jail to visit his cell. Opposite to the king, Venu Vijay stood hiding the pad, he had received to carve the sculpture.

"You said you want to give me a gift!! What gift is that?" Asked the king, Venu Vijay showed the sculpture a little away from where he was standing. In that sculpture is



the face of Raja Mata!! The king was just so scared."

"So, aren't you a pirate? A sculptor, as you said the other day?", he was amazed and released him. He also sent him back to his country after giving him a sum of money as a compensation for his imprisonment without committing any crime.

Through this story, who helps us in danger or not, the "education" we have learned will help us. Education is not only the subjects we study in textbooks and the degrees we acquire. Education includes all the trades and arts we learn. That education which we learn after spending time and effort will save us in times of danger.

Dr. M. Ni<mark>rmala Devi</mark> Associate Professor of English

DREAMS ARE NECESSARY TO LIFE

Each significant achievement begins with a seed of a thought. Develop your seeds into



enormous dreams
that raise your
life to one you
envision for
yourself. These
dreams
ambitiously
statements are

ideal for any individual who realizes anything is possible and each fantasy merits pursuing. Be blissful chasing after your fantasies. In any event, when they don't work out precisely the way that you need them to, having something to work for, or having a major dream holding up toward the end goal

makes an individual careful, propelled, and blissful. Try not to zero in on the end goal, be euphoric in the excursion. Do Work hard; think ambitiously, satisfaction is close to the corner. Dreams are there to help us to remember how lovely life can be. Dream back just to see all that you defeated to get where you are. Achievement stems from a straightforward dream that you were sufficiently shrewd to focus on.

"YOU ONLY NEED ONE TRUE BELIVER IN YOUR DREAMS, AND THAT BELIVER HAS TO BE YOU"

> Mr. N. N. V. Pandurangarao Assistant Professor of Chemistry

The Door of Dreams

I often passed the Door of Dreams

But never stepped inside,

Though sometimes, with surprise, I saw

The door was open wide.

I might have gone forever by,

As I had done before,

But one day, when I passed, I saw
You standing in the door



Mr. N. N. V. Pandurangarao Assistant Professor of Chemistry



A PHYSICS LOVER

On our fifth orbit 'round the sun,
In this cosmic dance we've spun,
With attraction strong as gravity's might,
Our love's constants shine ever bright.

Like particles entangled in quantum phase,
Our bond transcends both time and space,
Through chaos and order, we've found our way,
In this quantum entangled love, we sway.

With every collision, we've grown, evolved,
Our souls resonating, problems resolved,
In this quantum leap of hearts entwined,
Forever united, our love defined.

Happy fifth anniversary, my dear,
In this universe we engineer,
Our love's equations forever aligned,
In this symphony of hearts entwined



Mr. B. Prashanth Assistant Professor of Physics

You are the Tabernacle
The Church of God,
Where is going to be?
The Church of God is not a building,
The Church of God is not a Cathedral,
Cathedral or Auditorium is place where,
The Church of God gathers,
You and I are the Church of God,
You are tabernacle.
Where is God dwelling?
God is dwelling in you.
So when we all come together,
The tabernacle tent becomes what?
The House of God!



The Church of God!

a

C h i

h

a

DR.A. GREENI Assistant professor of English



Life is calling

Start your day with your open eyes to see your dreams make happen Move on your way with pace to reach life goal, that let you shine Fail in your attempts but never lose hope, believe your strength Weep alone by realizing your mistakes, rectify them later on The Sun never compares with the Moon, Then why do you compare with others? You have your own identity, recognize what you are! Sacrifice your fears, sharpen your unique skills Let others laugh at your failures, that's their attitude Prove to the world what you are and how strong you are! Build your own world, which offers shelter for your followers too Be a master of your life rather becoming

slave of your addictions!



G.Laxmikanth Associate Professor of English

Moments of Joy: A Guide to Positive Time

Each morning brings a chance to begin, With time to use and dreams to chart. Smile and face the tasks ahead, With joy and hope, let fear be shed.

Plan your minutes, cherish each one, Balance work with moments of fun. Stay positive, let worries vanish, In this way, your life will grow.

With time managed well, and spirits high, you'll find success as days pass by.

Embrace each moment, make it bright, and your days will shine with light.



Mrs. S.Deepika Assistant Professor of English



Ms.N.Lavanya bearing roll number 23K81A0542 B.Tech CSE-A Dept participated in 36-hour National level Hackathon_ EEENOVATE 2K24 Organized by Geethanjali College of Engineering & Technology during March 15th &16th, 2024.

Mr. ABDUL SOHAIL bearing roll number 23K81A0565 B.Tech CSE-A Deptparticipated in 36-hour National level Hackathon_ GEEENOVATE 2K24 Organized by Geethanjali College of Engineering & Technology during March 15th &16th, 2024.











Mr. B. Sravan Kumar Reddy bearing roll number 23K81A0569 B.Tech CSE-B Dept participated in 36 hour National level 36-hours Hackathon_ GEEENOVATE 2H24 Organized by Geethanjali College of Engineering & Technology during March 15-16, 2024.

Mr. K.Murali Durgesh bearing roll number 23K81A04K9 B.Tech ECE-D Dept participated one week outreach program on Computer Basics &Python Programming from 29th April to 4th May 2024 at VASAVI College of Engineering.











Ms. B T S S ALEKYA bearing roll number 23K81A66D2 B.Tech CSE(AI&ML)-C Dept participated in TABLE TENNIS event held at MLRIT, DUNDIGAL from 15th & 16nd APRIL 2024.



Mr. Adarsh Reddy bearing roll number 23K81A0568 B.Tech CSE-B Dept participated 36 hour National level 36-hours Hackathon_ GEEENOVATE 2H24 Organized by Geethanjali College of Engineering & Technology during March 15th &16th, 2024.

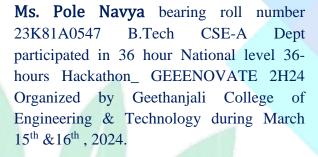








Mr. P. Varshit Reddy bearing roll number 23K81A66A6 B.Tech CSE(AI&ML)-B Dept participated in Foot Ball event held on 21st&22nd March 2024, at St. Peter's Engineering College.













The following students of Freshmen Engineering (IB. Tech - I Sem) have made a tremendous performance at the Department level as well as Branch wise and created a ray of hope that they can bring laurels to SMEC in their future endeavors by winning University gold medals.

OVERALL TOPPERS



CSE-B BODDETI MANASA 23K81A0573 SGPA:9.8



CSE-B MADDIKUNTA SHASHANKA 23K81A0595 SGPA: 9.75



CSE-A
INDRAKSHITH REDDY UDUMULA
23K81A0522
SGPA:9.70



CSE(AI&ML)-A GADDE RAMA KRISHNA 23K81A6624 SGPA: 9.70

SEMISTER TOPPERS



BRANCH WISE TOPPERS

EEE



PALABINDALA SRUTHI 23K81A0209 SGPA: 7.35



RAHUL KUMAR 23K81A0215 SGPA: 6.75



CSE-B BODDETI MANASA 23K81A0573 SGPA:9.8



CSE-B MADDIKUNTA SHASHANKA



GODUGU LAVANYA 23K81A12E5 SGPA: 9.15



NAINALA PRANATHI 23K81A12G9 SGPA: 8.80

CSE

IT

SEMISTER TOPPERS



UGC AUTONOMOUS

CSG

ECE



THATIPALLI ROHAN 23K81A7458 SGPA: 9.35



KHAJA GHOUSE KHAN 23K81A7425 SGPA: 8.90



GANJI AKHILA 23K81A0425 SGPA: 9.60



VISWANADHUNI SRI SRITHA 23K81A04C6 SGPA: 9.35



CSE(AI&ML)



KOTTAPALLI AKSHITHA 23K81A6694 SGPA: 9.50

CSE(AI&ML)-A GADDE RAMA KRISHNA 23K81A6624 SGPA: 9.70

SEMISTER TOPPERS

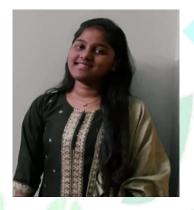


AI&DS



ORSU ANJALI 23K81A72B1 SGPA: 9.13





JUTURU THARUNI SAI23K81A7301 SGPA: 9.20



23K81A72E2 SGPA: 9.10



GAJULA MANASWINI 23K81A7316 SGPA: 8.50



GUTTULA HASWANTH SAI 23K81A72E9 SGPA: 9.10



PAKKI MANI GREESHMA 23K81A7344 SGPA: 8.50





AI&DS-A



AI&DS-B



AI&DS-C





AI&ML



CSE-A



CSE-B





CSE-C



CSE-D







CSE(AI&ML)-A



CSE(AI&ML)-B



CSE(AI&ML)-C





ECE-A



ECE-B



P5070 GALLERY



UGC AUTONOMOUS



ECE-D



EEE



IT-A





IT-B



IT-C



FACULTY



UGC AUTONOMOUS



Editor in Chief: Dr. P. Santosh Kumar Patra, Professor & Group Director



Dr. D. Ranadheer Reddy, Professor & Head of FME Department

ADVISORY BOARD MEMBERS



Dr.S.V.S. Rama Krishnam Raju Professor & Dean (Academics)



Dr. D V Sreekanth Professor & Dean (Administration)



Dr. Sanjay Kumar Suman Professor & Dean (R&D)

Faculty Corner



Mathematics



Dr.S. Someshwar Associate Professor



Mr.G. Chandra Mohan Assistant Professor



Dr.M.Dhamodhara Naidu Assoc. Professor



Mr.K.Ramesh Babu Associate Professor



Dr.Rajji Mohammad Mastan Shareef Asst. Professor



Mr.E.Chandra Shekhar Asst. Professor



Mrs.S.Anitha Asst. Professor



Ms.V.Kusuma Niharika Asst. Professor



Mr.V.Abhilash Asst. Professor



Mrs.Mamatha Kumari Asst. Professor



Dr.G.Ravinder Asst. Professor



Mr.Ravi G Asst. Professor

Physics



Mr. B. Prashanth Assistant Professor



Dr.B.Nehru Asst. Professor



Dr.S.Anusha Asst. Professor

Faculty Corner



Chemistry



Dr. S. Hemambika Professor



Dr. A. Rambabu Associate Professor



Mrs.D.Swapna Asst. Professor



Dr.G.Sundararajan Asst. Professor



Dr. Saumya Prava Acharya Associate Professor



Dr. Raji Thomous Assistant Professor



Mrs.S.Kalpana Asst. Professor

English



Dr.G.Rama Krishna Hanuman Asst. Professor



Mr.N. Pandu Ranga Rao Asst. Professor



Mrs.M.Sravani Asst. Professor



Mr. G. Laxmikanth Associate Professor



Dr. M. Nirmala Devi Associate Professor



Mrs.P.Bharathi Asst. Professor



Mr.V.Rajasekhar Reddy Asst. Professor



Mr.J.Anjaneyulu Asst. Professor



Ms.B.Rajeswari Asst. Professor

Faculty Corner





Mrs.L.Ramadevi Asst. Professor



Mr.K.Balarama Krishna Asst. Professor



Mr.P.Phani Kasyap Asst. Professor



Mrs.M.Sahasi Asst. Professor

CSE



Dr.A.Greeni Asst. Professor



Mrs.S.Deepika Asst. Professor



Mr.K.Upender Reddy Asst. Professor



Mr.D.Prasad Asst. Professor

Management



Mrs.B.Shravani Asst. Professor



Ms.M.Prathyusha Asst. Professor



Mr.M.Vishnuvardhan Reddy Asst. Professor



Mr.Nagaraj Rathod Asst. Professor



Mr.S.Srinivas Asst. Professor



Mr.P.Vamshi Krishna Asst. Professor



Mrs.M.Naga Triveni Asst. Professor



Mr.S.Avniash Asst. Professor

Laculty Corner



ME



Mrs.S.Sravanthi Asst. Professor



Mr.Ch.Srinivas Asst. Professor



Mr.R.Hanuma Naik Asst. Professor



Mr.P.Uday Kumar Asst. Professor



Mrs.K.Priti Asst. Professor



Mr.V.Bharath Kumar Asst. Professor



Mr.J.Prem Kumar Asst. Professor



Mrs.K.Sandhya Asst. Professor



Mr.D.Sai Rahul Asst. Professor



Mr.M.Srinivas Asst. Professor



Mr.L.Sunil Asst. Professor



Mr.M.Bhaskar Asst. Professor



Mr.K S S Naga Teja Asst. Professor



Mr.K.Swaminathan Asst. Professor



Mrs.L.Nagamani Asst. Professor



Mrs.K.Sunitha Asst. Professor

Laculty Corner



UGC AUTONOMOUS



Mr.V.Sripal Asst. Professor



Dr.Ravinaik Asst. Professor



K.Shiva Krishna Asst. Professor



Mr.K.Prabhakar Asst. Professor

EEE



Mrs.V.Kiranmayee Asst. Professor



Ms.V.Usha Rani Asst. Professor



Mr.V.Visnhuvardhan
Asst. Professor



Mr.S.Rajesh Asst. Professor



Mrs.K.Haritha Asst. Professor



Mr.G.Ratna Kumar Asst. Professor



Mr.P.Rajesh Asst. Professor

SUPPORTING STAFF



Mrs.Y.Meena Asst. Professor



Mrs.Y.Meena Asst. Professor



Mrs. Sree Tulasi M PA to HoD



Mrs. P. Sujatha Lab Assistant



Mr. B. Prashanth prashanthhs@smec.ac.in +91 9652953955

DEPARTMENT OF FRESHMEN ENGINEERING

