



St. MARTIN'S Engineering College

UGC AUTONOMOUS



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
02

Issue
02

Sci
Hum 360⁰ Era

DEC

2023

Department of Freshmen Engineering

PREFACE

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

EVENTS

- Orientation Day
- Teacher's Day
- Traditional day
- Engineers Day
- Sports Day
- International Conference
- Workshop
- Parents Teachers Meeting



CONTENTS

ACHIEVEMENTS

- Book Publications
- Paper Publications
- Patents
- Online Courses

ACTIVITIES

- Science Club
- Literature Club
- Art Gallery
- Student Articles & Poems
- Faculty Articles & Poems
- Students Activities
- Photo Gallery
- Editorial Board

Message from Group Director



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 16 Doctorates, 2 Professors, 08 Associate Professors and 69 Assistant Professors.

To add to the credit of the faculty, the department has published 300+ papers in various National and International journals/conferences, 30+ books and 25+ patents. The faculty members have also successfully completed 450+ 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**
Group Director



Message from Principal



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



I, Dr.D. Ranadheer Reddy, Head of the F.M.E. Department, feel privileged to be the Newsletter Editor for the Department's News Letter and it is an immense pleasure to launch this first edition for the A.Y.2023-2024. In this issue, we will provide 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 June 2023 until December 2023. Through this News Letter, we will also have a chance to refer to the artistic works and creative tasks of B. Tech First Year students along with faculty members' individual achievements in their career growth. The 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 am extremely delighted to announce that we have created a record of 100% admissions for this current academic year, 2023-2024 as a co incidence of 100% placements record of SMEC for the A.Y.2022-2023.

Finally, I convey a huge thank you to 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.

--- Dr. D. Ranadheer Reddy
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.



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 (60), 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 accredited, Permanently Affiliated to 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; NIRDP 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.



About the College



UGC AUTONOMOUS

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.



About the Department

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, bridge between basic sciences and 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 16 Doctorates, 2 Professors, 8 Associate Professors and 69 Assistant Professors. To add to the credit of the faculty, the department has published 300+ papers in various National and International journals/Conferences.

To enhance the practical knowledge of students, improvised infrastructure and equipments are provided in the Applied Physics, Applied Python Programming, Engineering Chemistry, Engineering Graphics, Python Programming, Engineering

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 counseling which form the crux of the Department. Counseling 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 counseled 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 to recall their 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. The FME department faculty members are the Convenors of various clubs in the college like Literary Club, Science Club, Language Laboratory, etc.,. 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. The faculty members consistently strive for professional development by doing quality research, attending and conducting seminars, presenting and publishing papers. The department staff members play a pivotal role in undertaking responsibilities to conduct various curricular and co-curricular programs of the co-departments also. Thus, they work towards the goal of students' progress.

FACULTY



Business Ethics



Business ethics means moral principles, policies and values that govern the way business and individuals engage in business activity. It is very important for every one because now days, business ethics are essential for success in modern business. Most importantly, ethics programs establish a code of conduct that drives individual behavior—it's essential to understand the underlying principles that drive desired ethical behavior in the business. Lack of these moral principles contributes to the downfall of many otherwise intelligent, talented people and the businesses what they represent. Principles help to guide decisions and behavior in all aspects of professional and also personal life. It also to foster ethical behavior and environments in the workplace, respecting others is a critical component. Everyone deserves dignity, privacy, equality, opportunity, compassion, and empathy.

Those that fail set ethical standards and enforce them are doomed to eventually find themselves alongside Enron, Arthur Andersen, Wells Fargo, Lehman Brothers, Bernie Madoff, and many others. When combined, all the factors affect a business' revenues.

Business ethics guide executives, managers, and employees in their daily actions and decision-making. For example, consider a company that has decided to dump chemical

waste that it cannot afford to dispose of properly on a vacant lot it has purchased in the local community. This action has legal, environmental, and social repercussions that can damage a company beyond repair. The growing use of technology of all forms in business operations inherently comes with a need for a business to ensure the technology and information it gathers is being used ethically. Every business should develop ethical models and practices that guide employees in their actions and ensure they prioritize the interests and welfare of those the company serves.

---V.Lakshmi Prasanna Kumari
Assistant Professor

EFFECTIVE TIME MANAGEMENT DURING EXAMS



Especially in writing, is crucial. Here are some tips that might help:

Read and Understand Instructions: Begin by reading all the instructions carefully. Allocate time based on the sections and the marks assigned.

Plan Your Time: Divide the available time among the questions. Give more time to questions that carry more marks but don't neglect the smaller ones.

Outline Your Answers: Before writing, create a quick outline or plan for each answer. This helps in organizing thoughts and prevents rambling.

Stick to the Point: Be concise and focused. Answer the question asked without going

off-topic. This saves time and ensures you're addressing what's needed.

Time Allocation: Keep an eye on the clock. If a question is taking longer than expected, move on to the next one. Don't get stuck; you can come back later if time permits.

Practice Writing Under Time Constraints: Prior practice under exam conditions helps improve speed and efficiency. Time yourself while practicing.

Review and Edit: If time allows, go back and review your answers. Correct any mistakes, add missing points, or improve the structure if needed.

Prioritize Marks and Questions: If certain questions are worth more marks, allocate your time accordingly. Ensure you don't spend excessive time on lower-mark questions at the expense of higher-mark ones.

Manage Stress: Don't panic if time is running out. Stay calm and focused. Panicking can lead to mistakes and waste more time.

Use Allotted Tools: Use tools like Calculator, Scale, Pencil, Pens, highlighters or rough sheets to make your writing more organized.

Remember, the goal is to answer questions effectively within the allocated time. Practice is key to improving your time management skills during exams.

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

Importance of Soft Skills in the Present Scenario



Soft Skills associate to how you work or behave. The main categories of soft skills that employers look for in job candidates are interpersonal skills and communication skills.

Soft Skills are personal attributes needed for success on the job which include time management, listening skills, networking, teamwork, creative thinking, and conflict resolution.

Soft Skills are considered necessary and complimentary to hard skills and a prerequisite to succeed in one's career. Developing countries like India have huge young population and are considered the destination for skilled workforce. On the other hand they are rendered unemployable due to the lack of soft skills like the ability to work in a team, pressure management, innovation etc. One of the main reasons for students' lack of Soft Skills is the absence of holistic education from the primary level. The unpreparedness of the student at the end of his education and the need for soft skills in industry makes. Soft Skills all the more important at the undergraduate level. The real challenge is to inculcate best work practices and positive personalities that would equip the undergraduate engineering fresher with all the Soft Skills they would require to survive and grow in an ever-demanding workplace.

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

English - A catalyst



In the intricate world of engineering, the mastery of the English language emerges as a dynamic catalyst, profoundly shaping the academic and professional journey of the students. Going beyond a mere tool for communication, this linguistic proficiency plays a transformative role across various dimensions. English proficiency is crucial for engineers as it enhances effective communication, collaboration, and the ability to comprehend technical documentation. Engineers need to convey complex ideas, present findings, and engage in international collaborations. Proficient English skills also enable access to a wealth of global technical resources and literature. Whether drafting reports, participating in conferences, or collaborating on cross-disciplinary projects, engineers benefit from a strong command of English to excel in their field

-----**A. Madhavi Latha**
Assistant Professor of English



As you set out on your academic path, never forget that each step you take will bring you closer to your goals. Obstacles could appear; nevertheless, they serve as stepping stones towards your achievement. They are the furnace in which your character is made;

therefore, embrace them with bravery and tenacity.

Embrace the journey, relish the process, and celebrate your victories, no matter how small. Success is not a destination but a continuous journey of self-discovery and improvement. Surround yourself with positivity, stay focused on your goals, and let your passion drive you forward.

You have the power to shape your destiny. The world awaits the contributions only you can make. So, rise above the obstacles, stay resilient, and let your education be the catalyst for your extraordinary future.

Believe in yourself, work hard, and shine bright.

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

Orientation day :04-09-23

Orientation day was organized on 4th September 2023 in St. Martins Engineering College, with the motto: Molding Minds, Building Futures: Igniting Innovation, Shaping Engineering students. 1200 I B. Tech students attended the programme along with their parents. Chief guest Sri CH.Malla Redy Garu, Chairman Sri M.Laxman Reddy Garu, Executive Director Sri G.Chandrasekhar Yadav garu and Group Director DR.P.Santosh Kumar Patra sir and all the Directors and guest of honour shared their experiences and insights during the event.



Traditional day: 13-09-23

Traditional Day in the FME Dept was held on 13th Sept 2023. It is a celebration that holds cultural and educational significance. The following states represented by B. Tech I year students.

SIKKIM:

The event could kick off with a parade showcasing the diverse traditional attire of various communities in Sikkim, Traditional dance forms represented the cultural diversity, stalls had a set up to showcase traditional artifacts, handicrafts, A major highlight of the event was food festival featuring a variety of traditional Sikkimese dishes.

featuring a variety of traditional Sikkimese dishes.



GOA: A Traditional Day celebration in Goa, known for its rich and vibrant culture, always a lively and colorful event. A major highlight of the event would be a Goan food festival. Stalls showcase Goan handicrafts, traditional artifacts, and artworks, provided an immersive and enjoyable experience for participants.



Engineers' day: 15-09-23

The Engineers' Day is celebrated on 15th September annually in SMEC to honor Dr. Moksha Gundam Visvesvaraya on his birth anniversary and celebrate the contributions of engineers to society. Our Group Director sir and executive director sir appreciated the contributions of the SMEC Engineering faculty team.



Teachers' day :5-09-23

Teachers' day is celebrated on 5th September annually in the memory of Dr. Sarvepally Radhakrishnan on his birth anniversary. Our chairman sir, Executive Director Sir and Group Director sir recognized and appreciated the hard work, dedication, and contributions of teachers. The lucky dip and other fun activities were organized and prizes distributed to the winners.



Sports Day:

Sports day was celebrated on 26-09-2023. Sports Day in the college as a vibrant and energetic celebration that promotes physical fitness, teamwork, and a sense of camaraderie among students and staff. The trophies, medals, and certificates were awarded among the student and staff winners. The programme was started with a special dance performance by daughters of our beloved Group Director.



Meditation:04-12-23

Teaching meditation to students can offer numerous benefits for their overall well-being and academic performance. Prof. Peri Viswanadhan, Michale and Romi Lara from IOWA University of California brought authenticity to the practice by following traditional and effective teaching methods. Their experiences ensure that students have received accurate guidance and instruction in various meditation techniques.



ICCIASH-2023: 18.09 2023

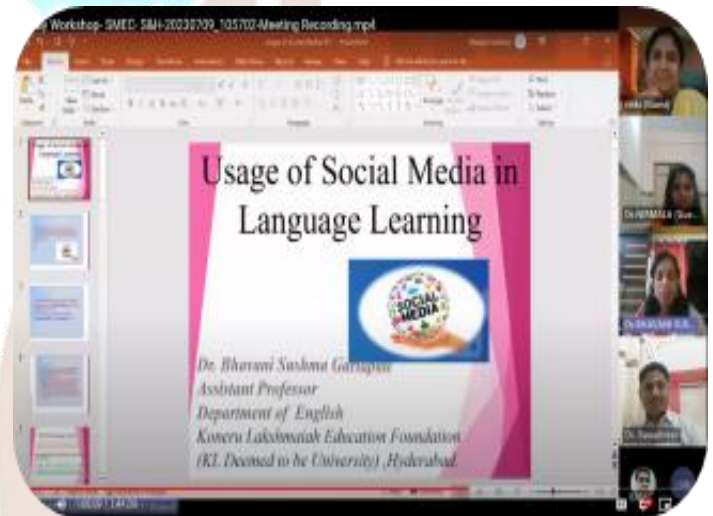
The Mega Online International Conference titled "International Conference on Continuity, Consistency and Innovation in Applied Sciences and Humanities (ICCIASH-2023)" was hosted by the Department of Freshmen Engineering of SMEC with 330 participants on Microsoft Teams portal. The program was inaugurated by the Patron Dr. P. Santosh Kumar Patra, and corresponded by the Chief Guest Prof. Kulamani Parida, Distinguished Professor and Director Centre for Nano Science and Nano Technology, Siksha 'O' Anusandhan University, Bhubaneswar, Convener of the conference Dr. D. Ranadheer Reddy, Professor & HOD of Freshmen Engineering Department has headed the conference along with coordinators and committee members.



LTEELLS- 2023: 08th -9th July, 2023

A 2- Day Virtual Multidisciplinary Academic Workshop on “Latest Trends in Enhancing English Language Learning Skills” (LTEELL- 2023) was hosted by the Department of Science and Humanities.

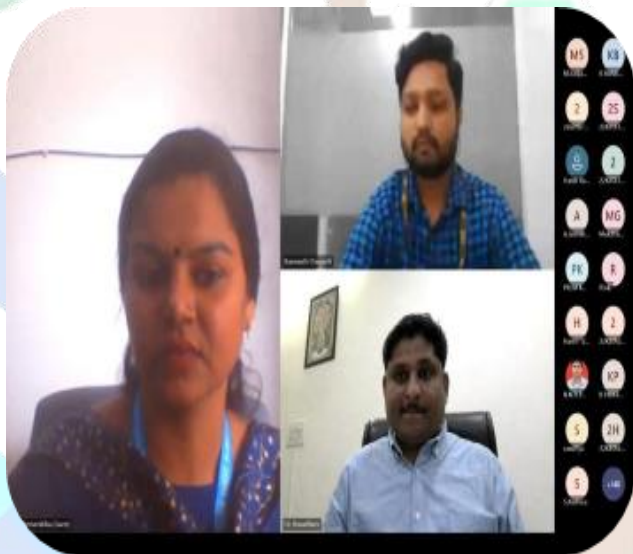
The workshop aims to provide a common platform to all the leading Researchers, Professors and Students to exchange ideas and share their innovative views in the English Language Learning in different areas like Developing English Language Skills in the Indian Context, Online Resources to improve English Language Skills, the Use of social media in Language Learning. This workshop provided an interdisciplinary platform for Academicians, Researchers and other experts from various fields to present their novel ideas, discussed their thoughts and challenges encountered, solutions to be adopted in the emerging areas of Language Learning.



RAETS-2023: 2nd – 3rd September, 2023

A 2- Day Virtual Multidisciplinary Academic Workshop on “Recent Advances in Engineering Technology and Sciences” (RAETS- 2023) was hosted by the Department of Freshmen Engineering.

The workshop aims to provide a common platform to all the leading Researchers, Professors and Students to exchange ideas and share their innovative views in the English Language Learning in different areas like Quantum Computers: The Future of Computing and Information Technology, Electromagnetic Non-destructive Testing Method for the Detection of Defects in Industrial Components. This workshop provided an interdisciplinary platform for Academicians, Researchers and other experts from various fields to present their novel ideas, discussed their thoughts and challenges encountered, solutions to be adopted in the emerging areas of Advancement in Science and Technology.



PTM :02-12-23

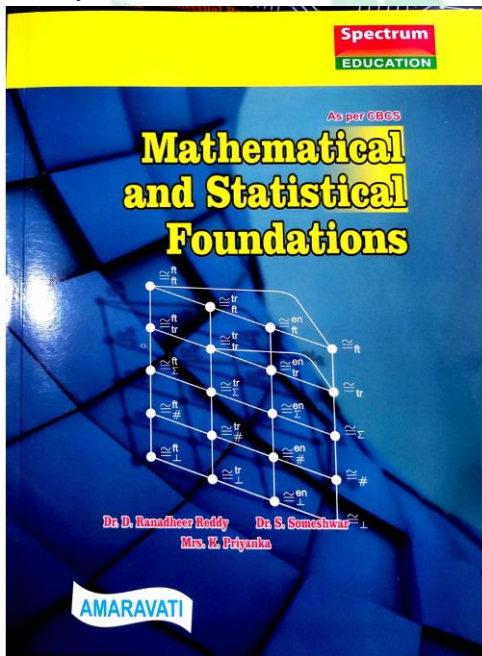
Parent Teachers Meeting was held on 02-12-2023 (Saturday) between 10.00 AM to 1.00 PM organized at in the department of FRESHMEN ENGINEERING, St. Martin's Engineering College. Invitations were intimated well in advance to the parents of I B.Tech by Department Counsellors through phone call and messages. The meeting was conducted in respective Department Class Rooms, Faculty Cabin and in HOD Cabin. At the outset PTM Members, HOD of FME welcomed the parents and introduced the respective proctors of the students to parents. Around 200 parents attended to the Parent Teachers Meeting.



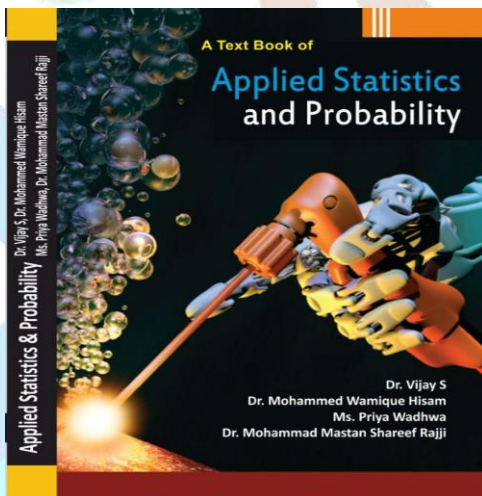


BOOK PUBLICATIONS:

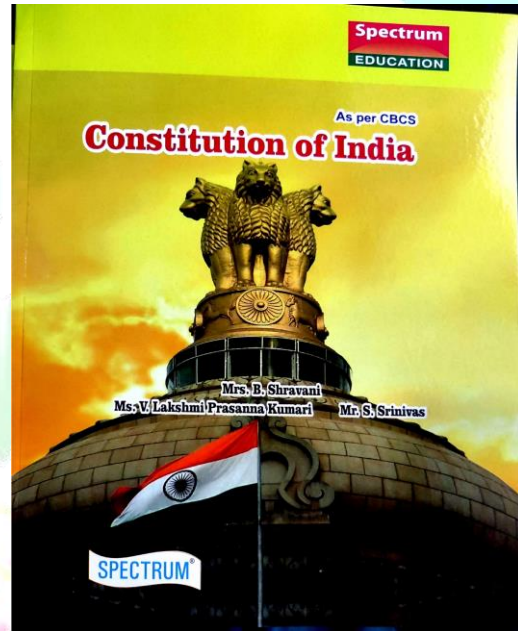
Dr. D. Ranadheer Reddy, Dr. S. Someshwar and Mrs. K. Priyanka wrote a text book of MATHEMATICAL AND STATISTICAL FOUNDATIONS- Publisher: M/s Spectrum University Press, ISBN: 978-81-953687-2-3.



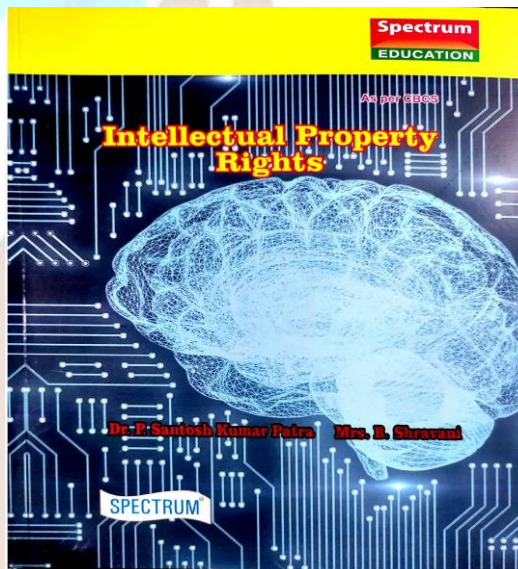
Dr Mohammad Mastan Shareef Rajji wrote a Text Book of APPLIED STATISTICS AND PROBABILITY - Publisher: R K Publications, ISBN: 978-81-19489-38-1



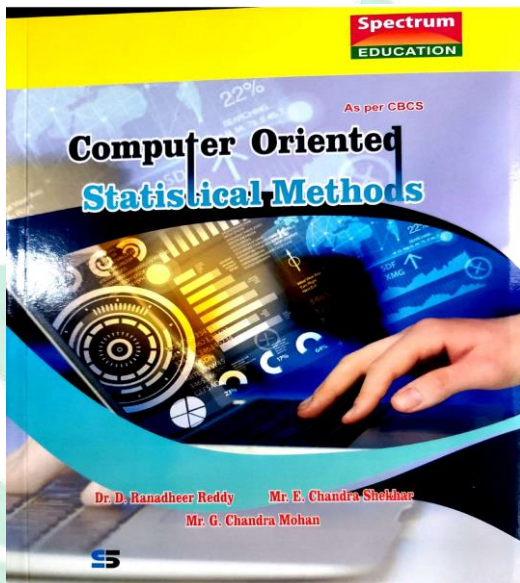
Mrs. B. Shravani, Ms. V. Lakshmi Prasanna Kumari and Mr. S. Srinivas wrote a text book of CONSTITUTION OF INDIA- Publisher: M/s Spectrum University Press, ISBN: 978-93-91420-19-2.



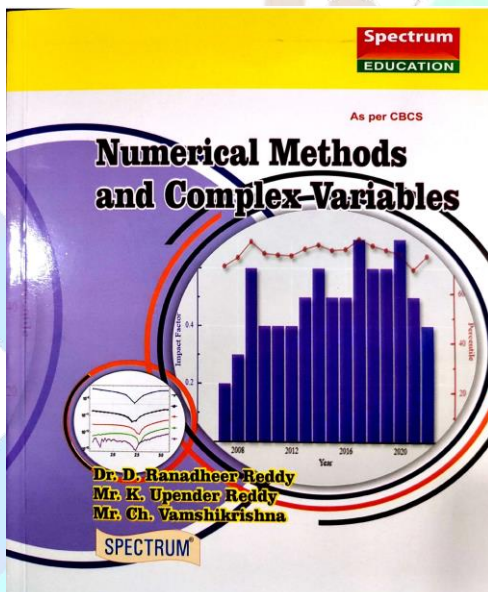
Dr. P. Santosh Kumar Patra and Mrs. B. Shravani wrote a text book of INTELLECTUAL PROPERTY RIGHTS- Publisher: M/s Spectrum University Press, ISBN: 978-81-948781-4-8.



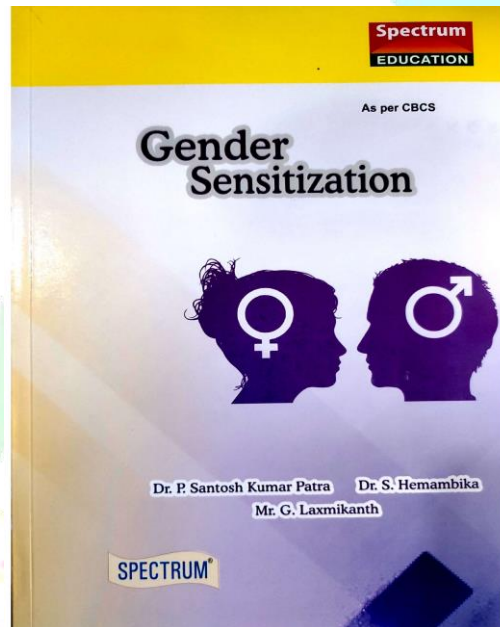
Dr. D. Ranadheer Reddy, Mr. E. Chandra Shekhar and Mr. G. Chandra Mohan wrote a text book of **COMPUTER ORIENTED STATISTICAL METHODS**-Publisher: M/s Spectrum University Press, ISBN: 978-81-952679-7-2.



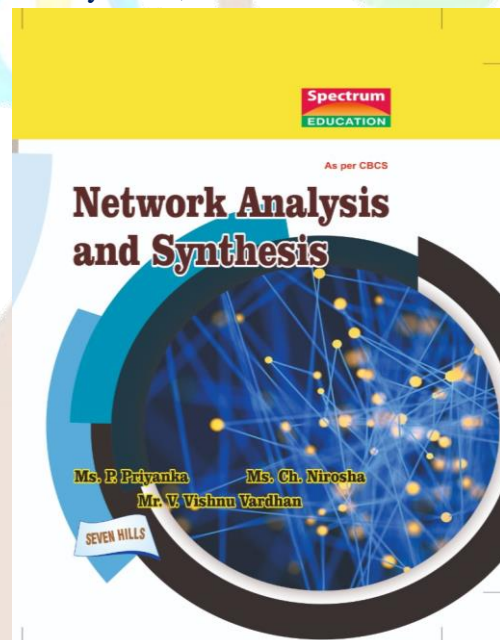
Dr. D. Ranadheer Reddy, Mr. K. Upender Reddy and Mr. Ch. Vamshikrishna wrote a text book of **NUMERICAL METHODS AND COMPLEX-VARIABLES**-Publisher: M/s Spectrum University Press, ISBN: 978-93-92933-80-6.



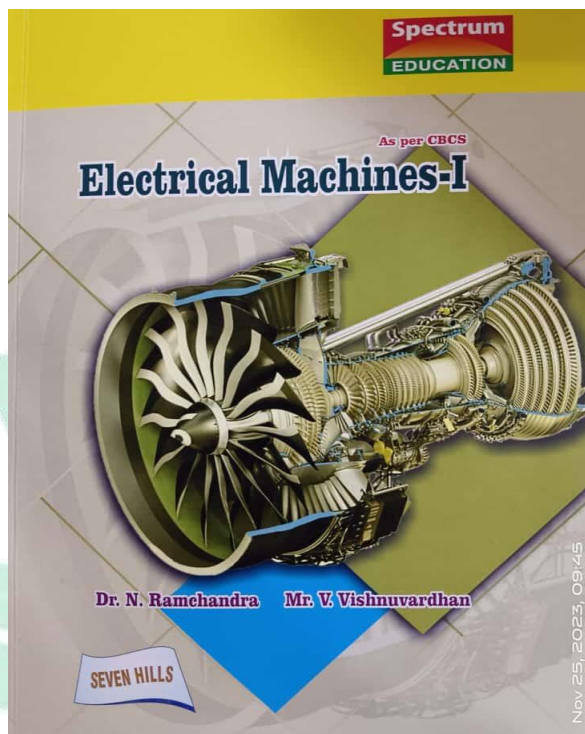
Dr. P. Santosh Kumar Patra, Dr. S. Hemambika and Mr. G. Laxmikanth wrote a text book of **GENDER SENSITIZATION**-Publisher: M/s Spectrum University Press, ISBN: 978-93-82829-52-2.



Mr. V. Vishnu Vardhan wrote a text book of **NETWORK ANALYSIS AND SYNTHESIS**- Publisher: M/s Spectrum University Press, ISBN: 978-93-94122-96-3.



Mr. V. Vishnu Vardhan wrote a text book of ELECTRICAL MACHINES-I Publisher: M/s Spectrum University Press, ISBN: 978-81-953918-4-4.



Dr. Raji Thomas published a book chapter with title "Excited State and Magnetic Study of Monochlorocopper(II)- N-(pyridine-2-yl) Picolinamidate Complex - A Computational Exploration, B P International, ISBN: 978-81-19761-84-5

PATENTS:

- **Dr. Nirmala Devi** did a patent in the field of "Blockchain based approaches for monitoring fraud detections of digital payment industry", the Patent Number: 202311055342 A.
- **Dr. Nirmala Devi** did a patent in the field of "Analysis of artificial intelligence dialogue systems for imposing English as a foreign language to students for interational competence in the university" The Patent Number: 202311054415 A.
- **Dr. Nirmala Devi** did a patent in the field of "Machine learning based supporting system for training of communication skills in the education of health care professions" The Patent Number: 202311057422 A.
- **Dr. Nirmala Devi** did a patent in the field of "Analysis and study of assessment purposes and methods used by EFL teachers in education using deep learning algorithms" The Patent Number: 202311044908 A.
- **Dr. Nirmala Devi** did a patent in the field of "A systematic process of language proficiency attained through content and language integrated learning (CLIL) and englisg as a foreign language (EFL)" The Patent Number: 202341044244 A.
- **Dr. Nirmala Devi** did a patent in the field of "Analysis of challenges and opportunities achieved by combining digital education in higher education" The Patent Number: 202341054215 A.

- **Dr. A Rambabu** did a patent in the field of “A process & catalyst for hydrogen gas evolution using mixed metal oxides coated porous G-C3N4 VIA PH” The Patent Number: 202341053723 A.

PAPER PUBLICATIONS

- **Dr. R. M. Mastan Shareef** published an article titled “Optimization of Load Balancing Algorithm in Cloud Computing”, in National Journal, ie ICACITE, 3, 2802-2806, ISSN: 979-8-3503-9926-4.
- **Dr. Someshwar Siddi** published an article titled “Optimization of Flexible Manufacturing Production Line System Based on Digital Twin”, in National Journal, ie, SN COMPUT. SCI. 4, 563, 1-12, ISSN:42979-023-01978-9.
- **Dr. A Rambabu** published an article titled “Fabrication of dual-functional hetero structured pCuO/n-ZnS nanocomposite for enhanced visible light active photocatalytic response and fluorometric sensor for selective sensing of thiol containing amino acids”, in International Journal, ie, Chemical Engineering Research and Design, 198, 92–104, DOI: <https://doi.org/10.1016/j.cherd.2023.08.034>
- **Dr. M. Dhamodhara Naidu** published an article titled “Impact of AgNO₃ Addition on Luminescence of Er³⁺ Ion Doped Zinc–Aluminum–Sodium Fluorophosphate (ZANP) Glasses”, in International Journal, ie, Bulletin of the Russian Academy of Sciences Physics, 87, DOI:[10.3103/S1062873823703987](https://doi.org/10.3103/S1062873823703987)
- **Mr. Bhaskar Chintha** published an article titled “The Impact of Feedback to Improve Writing Skills”, in International Journal, ie, Middle East Journal of TEFL, 3, 1, ISSN: 2799-1229.
- **Dr. T. Somashekhar** published an article titled “Design, synthesis and biological studies of tetrazole fused imidazopyridines”, in International Journal, ie, Carbon Letters, 3, 1, DOI:10.1007/s42823-023-00603-2.
- **Mrs. Pratyusha** published an article titled “An Empirical Investigation of the Impact of Data Driven Decision - Making on Supply Chain Resilience in the Automotive Industry”, in National Journal, ie, Tuijin Jishu/Journal of Propulsion Technology, 44, 3, ISSN: 1001-4055.
- **Mr. Ramesh Babu Kodati** published an article titled “Phenomena behind Optical Biosensors: A Review”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Mrs. B. Rajeswari** published an article titled “Using English-Language Films to Support ESL Students Enhance Their Listening and Speaking Abilities”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.

- **Dr. Raji Thomas** published an article titled “Estimation of Fluoride Ion Content in Ground Water by Ion Selective Electrode Method”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Dr. A. Rambabu** published an article titled “Exploring Green Nanotechnology: Sustainable Synthesis of Nanomaterials using Plant Extracts”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Mrs. L. Bharani** published an article titled “Importance of Training and Development in the Workplace”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Mrs. D. Anusha** published an article titled “Demonetization and Its Impact on Indian Economy”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Dr. M. Dhamodhara Naidu** published an article titled “Effect of B₂O₃ on Optical Properties of Dy³⁺ Doped Phosphate Glasses”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Dr. P. Bhavani** published an article titled “Recent Progress in Synthesis and Characterization of Novel Chalcone Derivatives”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Dr. Nirmala Devi** published an article titled “Influence of Girish Karnad on Indian Plays in Indian Writing in English”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Mr. N. N. V. Pandurangarao** published an article titled “Ferrocene Carboxketone Aryl Hydrazones and Their Ni (II) Complexes”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Ms. V. Lakshmi Prasanna Kumari** published an article titled “Talent Management Practices and Sustainable Organizational Performance: A Study of selected Cement Companies in Rayalaseema Region”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Dr. Tiruveedhula Somasekhar** published an article titled “Titration-based Analysis for Assessing Citric Acid Levels in Soft Drinks, Juice Drinks, and Energy Drinks” in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Dr. Nehru Boda** published an article titled “Preparation and Characterization of Cadmium Substituted Cobalt Nano Ferrites by Citrate-Gel Auto Combustion Method”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Mrs. K. Priyanka** published an article titled “An Overview on Energy Materials”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.

- **Dr. Hemambika** published an article titled “Energy and Environmental Catalysis Driven by Stress and Temperature-Variation”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Dr. R. M. Mastan Shareef** published an article titled “Variance – Sum Third Order Slope Rotatable Design Using Balanced In Complete Block Designs”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Mrs. G. Sangeetha** published an article titled “An Overview on Nano Medicine”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Mrs. P. Bharathi** published an article titled “Exploration of Total Hardness of Ground Water in Dhulapally Area by EDTA Method”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Mrs. Mamatha Kumari** published an article titled “Methods for Constrained Optimization in the Study of Health Services”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Ms. M. Sandhya Rani** published an article titled “Calculate the Best Strategies by Applying Linear Programming to Game Theory”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Mrs. Vineela Gadapati** published an article titled “Study of Women Empowerment: Issues and Challenges”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Mrs. Y. Naveena** published an article titled “Synthesis of Nanomaterials”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Mr. Bhaskara Rao Chintha** published an article titled “Improving Students’ Listening Skill and Vocabulary Mastery through Contextual Teaching and Learning (CTL) By Using Online Learning for 1st B. Tech Students”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Mrs. Rinki Sanyal** published an article titled “Dalit Literature, Caste and Diaspora”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Mrs. Madhavi Latha** published an article titled “English Language Learners: Problems and Solutions Found in the Research of General Practitioners of Early Childhood”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Mr. B. Prashanth** published an article titled “Synthesis and Characterization of Quantum Dots for Optoelectronic Applications”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.



UGC AUTONOMOUS

- **Mr. Chandra Mohan Gajula** published an article titled “A Study on Applications of Queuing Theory in Health care systems”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Mr. T Sujith** published an article titled “Teaching English Grammar to Technical Students – A Study”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Mr. E. Chandrasekhar** published an article titled “Comprehensive Study of Various Application of Graph Theory in Modeling: Prospective of Various Graph Coloring and Directions”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Mrs. K. Priyanka** published an article titled “Preliminary Concepts Of Finite Rank Quadratic Operator”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Mr. Gaddam Laxmikanth** published an article titled “Teaching English for College Students: An Overview”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Dr. S. Someshwar** published an article titled “A Comprehensive Literature Review on Transportation Problem”, in National Journal, ie, ICCIASH-2023, 4, ISBN No: 978-93-91420-46-8.
- **Dr. S. Someshwar** published an article titled “Using Artificial Intelligence to Integrate Machine Learning, Fuzzy Logic, and The IOT as A

Cybersecurity System”, in National Journal, ie, ICACITE-2023, 3, 762-769, ISBN No: 979-8-3503-9926-4.



Science club:

Science club mission is to foster a love for science, technology, engineering, and mathematics (STEM) by providing a platform for like-minded individuals to come together, share ideas, and embark on fascinating scientific journeys. Engage in thrilling experiments that bring scientific theories to life. Explore the world of science beyond the classroom. Collaborate on hands-on projects and participate in science competitions. science club is conducting on every Saturday last hour.



Literature club

"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. It is one of the most active clubs in campus consisting of 78 members.

Activity 1

The Participants, who attended the session on 'Impromptu sketch on debate' that consist of just one participant gave a speech against other participants that gave their speech at separate time. When participant had ten minutes to select a topic brainstorm their ideas, outline the speech and finally delivered the speech. Participants gave this speech without any notes and used an introduction, body and conclusion. Participants' speech could be light hearted and incorporates the skills of debating with spontaneity and general knowledge. Therefore, the participants should work to develop the best possible structure and reasoning as short amount of time as possible. This was an experience, that the students wouldn't forget in their life-time. Participants were inspired to think beyond limits, beyond their normal understanding. 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 in the hall. This event was a full-fledged one.



Activity 2

The Participants, who attended the session on 'Situational Dialogue' in which the characters perform some routine activity. Participants provide the setting and situation then the player's conversation between two or more people in a narrative work. Through Situational Dialogue, participants enjoy shared experience and effective preparation plus literary techniques, dialogue serves several purposes. Those who are invited into Situational Dialogue can advance the plot, reveal a character's thoughts or feelings, or show how characters react in the moment. Participants made cent percent use of the verbal communication with body language that was showered on them. It's most useful to help participants team prepare for unfamiliar or difficult situations. Participants can also use it to spark brainstorming sessions, improve communication between team members, and see problems or situations from different perspectives. Participants should use their imagination to put themselves inside the minds of the people that they're representing. This involves trying to understand their perspectives, goals, motivations, and feelings when they enter the situation.



V. VISNU VARDHAN
ASSISTANT PROFESSOR



V SHREYA CSE-B



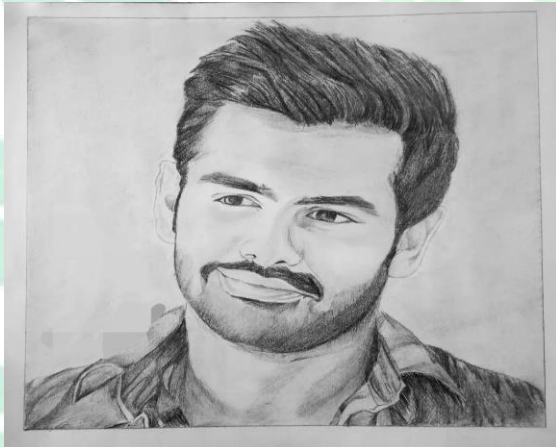
V SHRESHA CSE-B



V SHRAVYA IT-B



SANJANA REDDY IT-B



SRIIDHI ECE-A



S KAVYA AI&ML



SRIKAR PRASAD CSM-A



S KAVYA AI&ML



S KAVYA AI&ML



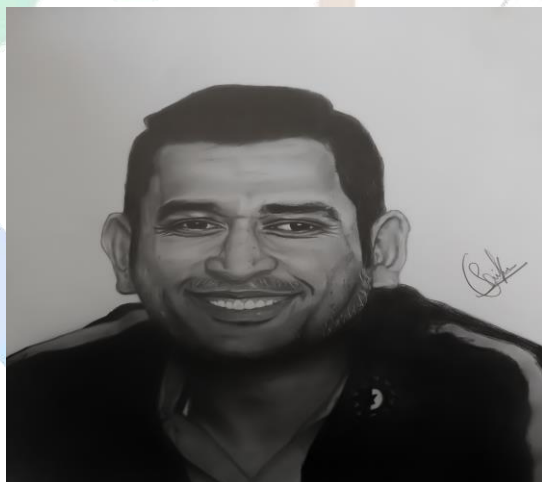
P LAXMI- IT C



P SAI KUMAR AI&ML



M VARSHA ECE-C



P SAI KUMAR AI&ML



M SHRAVANI CSM C



M SHRAVANI CSM C



G NAVYA IT-A



G SAI CHARAN IT C



G GAYATHRI CSM-A



G NAVYA IT A



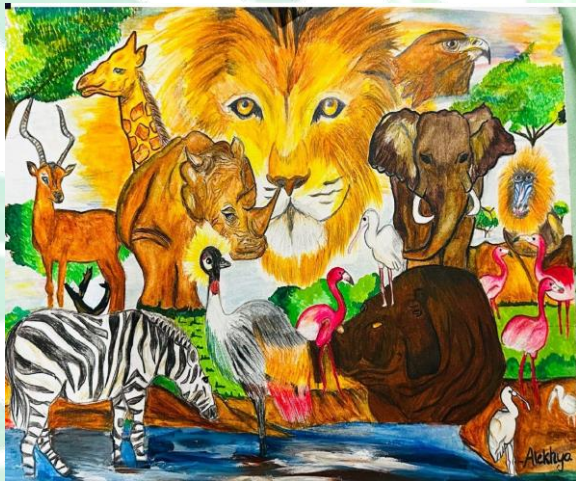
ANA GRACE -IT-B



ANA GRACE -IT-B



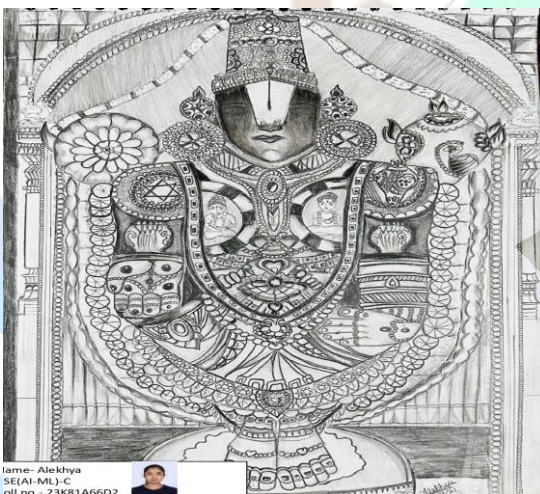
SAMEEKSHA AI&ML



ALEKYA CSMAI&ML



S SRINIVAS
ASSISTANT PROFESSOR



ANA GRACE -IT-B



S SRINIVAS
ASSISTANT PROFESSOR

Mental Health



Mental health is about keeping your mind healthy. People generally pay attention to maintaining physical health. People tend to focus on their own

mental state. Man's power over other animals lies in his superior consciousness. Humans have been able to control their lives because of their highly developed brains. Therefore, it is very important for men to be physically and mentally healthy. Physical and mental health are important for better performance and results.

Importance of Mental Health

An emotional person is a stable person who survives and can handle difficult situations. Be emotionally strong and physically healthy. Mental health is a personal issue, but what affects one person may affect another. However, there are several key factors that contribute to mental health problems.

There are many types of emotions, such as sadness, anger, negative thoughts, depression, fear, etc., that affect our level of fitness. A healthy person is always in good physical condition and can easily face situations of pain and distress, which leads to a healthy life. Training contributes to a good level of physical fitness. Mental health refers to the state of mental health. It means having positive thoughts about our mood, thoughts, and behaviours,

which will improve our ability to live.

Tap into your inner strength of self-determination. This is an uplifting and effective word that will remove any negative thoughts that may arise in your mind. The term mental health is increasingly used by psychologists, mental health professionals, schools, organizations, and the public to refer to the ability to think, understand, and reason logically.

Negative Impact of Mental Health:

Just as we are physically sick, we are also mentally sick. Mental illness is associated with poor health and involves changes in emotions and behaviour. Mental illness can be caused by stress or a reaction to certain events. It can also be caused by genetic factors, biological imbalances, childhood abuse or trauma, social disadvantage and poor physical health. Mental illness can be treated. You can overcome this disease by seeking help from an expert in this specific field or by changing your positive attitude and lifestyle

Regular exercise such as morning walks, yoga and meditation have been shown to be effective treatments for mental health. In addition to this, it is important to eat well and get enough sleep. A person needs 7 to 9 hours of sleep each night. Not being able to sleep even when you are tired is a sign that your mental health is not stable. The effort can sometimes lead to mental and physical exhaustion.

Surround yourself with people who understand who you are and respect you as an individual. This method will cure the disease effectively. Improve your

knowledge about mental health so you can help yourself manage your problems. Connect with others, family and friends for emotional support. Always remember to be grateful in life. Take up a hobby or creative activity that interests you.

CONCLUSION

The mind is one of the most powerful organs in the body, controlling the functions of all other organs. If our mind is wrong, it affects all the functions of our body. Physical and mental health are the keys to success in all aspects of life. People need to understand the consequences of mental illness and how important it is to keep your mind as healthy as your body. Mental health and physical health cannot be separated from each other. And when both things are in balance, then a person is said to be very healthy and wholesome. That's why it's important for everyone to strive to find a balance between their mental and physical health and get the help they need when one or the other fails.

.....**A. HARSHITH**
23K81A7201
AIDS-A

Go Little Rockstar



A single sheet of paper can't decide your future.... then why that single sheet is running my mental health since Nursery class!! I mean, when I wrote my JEE-MAINS Exam in 2021; I SCORED 91%! I was under self-

pressure; because my dream has broken that day but family, relatives and friends made it worse! I wanted to take a drop one year! We can easily tell life is ours, but decisions are not in our hands!! I am not going to make any big mistake! I just asked them for one year :) Every one demotivated me, my father didn't allow me to take drop! I literally begged, cried, fought then they told these and allow me try it again you will say life time they didn't give me a chance! I really worked hard one year and one thing which changed now my father is with me, before writing the exam my father told and sent me!! If you are selected or not that doesn't matter me, you have worked hard!! Those 3 hours were going to decide my future damn it man!! Luckily, I managed to get a govt college but 10 lakhs out of 9 lakh students dream remain dream only!! Does that make them less capable?? If we have been not selected that day, our parents tell!! I told you are not fit for these exam This breaks my heart sometimes!! But if you are an aspirant, preparing for literally any exam in life!!! Friends!!! The only thing matter is if you are satisfied or not? Do it for yourself :) Too much tough, don't listen to others you are strong :) I think so you have been faced worse time than these in your life!! You are strong, you are worthy!! you know what's the value of time, it will be moving on my friend! These will also be moving on

Go little rockstar

..... **Abdul Sohail**
CSE-B
23K81A0565

Social Media-A Double Edged Sword



The world today is truly blessed with the superpower of the Internet and technology, which have been created by some of the most influential people of our times, such as Elon Musk and Mark Zuckerberg. These visionaries have revolutionized our lives and become the driving force behind modernization. In fact, the entire world now depends on these technological marvels for a multitude of tasks, from the mundane to the meaningful, like earning a livelihood.

However, while modernization has undoubtedly made our lives easier and more comfortable, it has also had a profound impact on one of the most crucial segments of society - the youth. In this modern world, we witness the younger generation, particularly those from tier 1 and many tier 2 cities, being manipulated like puppets by the pervasive content available on social media and other forms of modern entertainment. It is a double-edged sword, for while we can now connect with people from all corners of the globe and access a wealth of information that can help us grow and improve, only a select few are able to resist the allure of the highest-level distractions. The digital realm has become a breeding ground for feelings of lust, greed, jealousy, envy, and hatred, all of which act as insidious distractions. Our once active lifestyles have become sedentary, thanks to the omnipresent 6-inch pocket-friendly tool that has disrupted our work and reward system. People are gradually succumbing to the perils of weight gain and obesity, while our attention spans are

dwindling due to the influx of short-form content. Astonishingly, we find ourselves to be the loneliest generation, with a staggering 79% of individuals admitting to this in a verified study. We now prefer mindlessly listening to music rather than engaging with thought-provoking podcasts or enriching audiobooks. Moreover, we often choose the wrong mentors, further exacerbating the negative impact of our digital-centric lives.

By cultivating mental resilience, we have the potential to become the most productive generation in history, thereby elevating the standards of our lifestyle.

..... **Daksh Mavani**
23K81A0487
ECE-B

Power of self-discipline:



Self-discipline means self-control, which gives you inner strength and a way to control yourself, actions, and reactions. It is one of the most important and useful skills to achieve success and everyone should possess this quality. Self-discipline comes naturally to some people and some people can achieve it with some effort. The effort made is worth it as it changes life for the better. It just means exercising self-control person who stays in control has the ability to take charge of his/her actions and reactions.

Tips to achieve self-discipline:

Set your goals: the first step towards leading a disciplined life is to set goals. Goals give you a clear idea about what needs to be achieved. One must always set a timeline for your goals.

This serves as a driving force and motivates you to do hard work. Do meditation: meditation is one of the best ways to channel our energy in the right direction. It helps maintain focus with better self-control. It is the stepping stone for a disciplined life. Mediating for half an hour every day can help in self-discipline.

Set a routine: Those who set a routine and follow it daily lead a more disciplined life. It is suggested to list all the tasks that you require accomplished in a given day. This is a good way to lead an organized and disciplined life.

Stay away from distractions: In this technological world, there are numerous things that can distract us and take change of our lives. our mobile phones, television, and chatting apps are some of the new age things that are a big hindrance in practicing self-discipline.

Reward yourself: Reward yourself for every goal you achieve. this will motivate you to work harder to achieve more. This is a good way to trick your brain to in calculate self-discipline. Achieving self-discipline may be difficult but in order to lead a healthy personal and personal life, it is very important. a self-disciplined person makes optimum use of the time. Hence, he can achieve more and do more work as compared with a person who is not self-disciplined. we should, therefore, make some efforts to achieve it.

..... **DIVYA RUPINI**
23K81A0417
ECE -A

Addiction



College life is a complicated period for many people. It's when a unique blend of people from different backgrounds and cultures meets. It's when the young adults are exposed to a lot of different challenges and experiences. Some great things, while others are damaging, just as it often is. This time brings out a mix of unique colours. It's a time when you meet a lot of new people, somehow, you'll grow to make genuine connections with.

It's when young adults first face real life challenges and grow to become their own person and learn self-accountability. It's when they fully grow out of their shell and become a more cultivated person.

In a society where our interaction with others is of utmost importance, this will make it harder for us to connect with others, and creates a huge wall between each other. As your mental health slowly starts being affected by it, where your vulnerability is projected outwards and brings more pain to people who care about you. It's the feeling that occupies the back of your mind. It's easy to write it off as a surface level issue, in fact, most people do. It's the helpless feeling of being consumed by it fully with no way out, when it was just an obsession at the start. It's easy to just say things like "Just get out of it. Stop making excuses". I wish it worked that way, I really do, but it just doesn't. It's when you know you're slowly being consumed by it, no matter even when you start acknowledging it's bad for you, but you still can't help but repeat the same patterns over and over again. Disregarding it

or seeing it as a one-dimensional issue just makes it worse.

There are things that are normalized but could have an incredibly hard and long-term toll on you. Getting addicted is as accessible

as it gets, and that's what makes it so common and hard to get out of. It's easy to judge someone who is suffering from it, After all you're just witnessing it. But it's only when our understanding is built together with empathy that it has meaning. After all where you're in the midst of it, it seems normal to be that way. The only way we can try our best to resolve this issue that has been breeding negative impact to all of us, is to remove the prejudice against it, to actually strive for understanding the issue from its root.

Recognizing your behavior patterns and undoing those deep-rooted patterns is extremely hard. You're bound to be misunderstood and face criticism in the process. But it can only change if you, yourself decide that it has to. The students go through many complicated and hard situations where they feel shame or embarrassment to talk about such sensitive topics with anyone. They often feel misunderstood by the adults around them. All we can do as the people who care about them, and as fellow peers is to show them that they're not alone, and will get help without any judgement, if they're ready to help themselves and reach out for our help. So, in this unique blend of colours that extend far away widely, it lies in our hands to choose the path with a blend of beautiful colours. Stay safe, don't feel shame in asking for help when needed. Have fun, and make connections you'll cherish.

..... Eashwar Apsingkar
23K81A04D2

Artificial Intelligence:



Artificial intelligence is a new technology in the fields of computer science. Artificial intelligence – made that is not natural and “Intelligence” refers to the ability to think and make decisions. The concept of AI was introduced back in 1950. “Alan Turing” a mathematician and computer scientist designed a machine named as “Turing Machine”. This machine can test whether the computer scientist has introduced the word “Artificial Intelligence” in the world of computer science.

AI has become very useful in our day-to-day life. We use AI in different fields like not only for coding in computers AI is used in medical (or) in health care, Automobile, education gaming agriculture finance and many more.

The main goals of artificial intelligence are reasoning, knowledge planning learning natural language processing, perception and ability to move or manipulate object. I conclude by saying that the upcoming world is fully dependent on AI even now the algorithm based behind Google search engine, chat boxes are now operated with Artificial intelligence to answer basic customer queries.

..... P. MANI GREESHMA
23K81A7344
AI&ML

FUTURE

Future depends on present what we are doing. The future is the time after the past and present. Our life is just like a plain white paper if we doesn't write anything on it, it will be empty forever. If we wrote with different colours it will be more colourful as we see. planning for the future can allow to set goals and take proper steps to reach them within a specific time frame. It is very important to think about the future. Plan for the future can inspire to keep working hard to reach the goals. It allows us to prepare for the what lies ahead. For a better future we must do hard work for that create a vision, performing a self-assessment, prioritize the life, stick to the goal and do hard work for that. Work more when you can, take more family time when you can. don't ever fool yourself-success comes from really hard work. every action we take has the potential to shape our future., from the smallest decisions to the most significant choices, each one sets a tone and paves a path for What lies ahead. our action has consequences and it is through these consequences that we navigate. Through life. "Believe that today's activities can lead to the tomorrow's future"

MUCHHA KEERTHI
23K81A6641

THE POWER OF MONEY



Love of money is a natural thing in every human being. Money is of great importance to everyone's life. In trying to earn money they miss small and precious pleasures that life offers to humans. There is no doubt that money is

one of the things that strongly influences our current society, especially in the 21st century. There is no end to that want of earning. And at a peak stage, they feel that they are the only persons responsible for them huge success. But it is sad that at that stage most of the people forget taking care of their parents and other family members, supporters, and friends who made them strong to be in that position and overcome the difficulties that life poses them.

Now, people earn lakhs of salary per month. Are they happy with that money? No, because they miss something, something which money cannot buy. Something which they cannot have by just working like a machine i.e., they miss the feel of being alive and spend the quality time with family. When you have a lot of money, you will be treated privately. This is due to your great financial ability to benefit a large circle of those around you. How much money should a person earn in his life? It is enough if he earns to satisfy the basic needs of the family and education and future of the children. But people wish to have a lavish and luxurious life. With this aim they work like slaves and become slaves of money. At the end, they realize that they couldn't take even a single rupee with them. The great Alexander is the best example for this. This is the reality of life. Depending on how you use money can either free you or enslave you. So, let's spend money wisely by donating some to the needy. With this perspective, if a person earns there will be no regrets due to lack of money. And we can spend time with our beloved parents who gave us such a wonderful life and this world. Money is only something that we need but not everything in life. Therefore, money gives you power and strength provided that you

use it legally and correctly, it can open many doors for you and get to know many important personalities, and obtain privileges and characteristics that the ordinary person cannot obtain.

It is wonderful for a person to have dreams and ambitions to achieve success and wealth, and to start from now on striving to achieve that.

.....**M.Siri Sathvika**
23K81A6697
CSE(AI&ML)-

BLearning Is Important!!



Many people buy Mahabharata, Ramayana, and other holy books like the Bible and Quran. But do people really learn the messages given by them? Remember I am not asking if they read or not, my question is whether they learnt the teachings of these great books.

The problem of Today's people is that they like to show off everywhere, they buy the holy books and then they don't touch it again for the rest of their life. The previous generation knew that teachings from the holy books would be useful to deal with various situations and would give confidence to face them and succeed in life. Rama or Krishna, or Jesus are not in the world right now, but their own learnings from their lives exists. The learnings will always inspire millions of people around the world. I am not here to promote any holy books but I want people to learn about the things that would make them stronger and courageous to face any problem coming into their life.

I assume almost everyone saw the "3 idiots" movie, it is also my favorite one. Everybody enjoyed the journey of those engineering students, but what did they learn from them? It has a learning that every student could relate with him/her. It says "go behind the excellence and success will certainly come to you." The main part point of this write up is that people should learn the messages and teachings from wherever they can, don't forget Nature is the greatest teacher to humankind. My advice to all the people is keep learning, because **LEARNING IS IMPORTANT!**

.....**Nikhil Agarwal**
23K81A72A8
AIDS-B

Emotional Intelligence

What are emotions?



Emotions are fundamentals of every individual. If you see collectively in every individual these emotions are dynamic as per circumstances. As an assumption, if you observe a situation someone treats you a uncomfortable way maybe your teacher, mother, father, friend, or relative emotion functions immediately. The chemicals are released in the brain and starts connecting with your heart to make an action as per particular situations.

What is intelligence?

Intelligence is given equally to each and every one by birth. Now a days youth are becoming excessive intelligent by the influence extrinsic. Intelligence must be always intrinsic. Intelligence is one of the

when you are out of control consciously knock intelligence to work

Intelligence always works practically irrespective of situation. For instance, assume that a business man is addressing 1000 to 2000 people in an auditorium in that particular situation our intelligence directed us to listen what the business man is trying to advertise. It is always as practical as it says.

LET'S HAVE A BRIEF ACCOUNT ON EMOTIONAL INTELLIGENCE

Emotional intelligence is the ability to manage both your own emotions and understand the emotions of people around you. It is a real-life skill that can have significant impact on both personal and professional life.

HOW IT WORKS?

For instance, a 21-year young man goes for pursuing an interview but unfortunately company has not hired the young man, immediately emotional intelligence skill will react. Obviously, the young man's emotion will be dejected but he doesn't need to worry with his emotions because he has developed a real-life skill Emotional Intelligence.

There are two major things that guides you to develop this skill naturally

1. Immense of self-awareness
2. Listening skill

CONCLUSION: -

In this A I era emotional intelligence is like a weapon to youth.

“THE STRENGTH OF CHARACTER AND EMOTIONAL INTELLIGENCE TO FACE YOUR FAILURES TO LEARN FROM THEM ARE THE CORE OF SUCCESS”.

.....A.SAI CHAITANYA
23K81A7273

How traveling the world affects life and personality



Travelling changes, one's outlook on life in a profound way. Travelling the world makes a person exposed to all the cultures, traditions habits and of people from different

regions, He learns through experiences which make great impact on life and forgets those memories from each of the place that he has visited.

One, who travels the world becomes wiser by each of the lessons that he learns from a particular place or culture. Travelling the whole world truly is a big journey as there may be many obstacles that he has overcome and also those quart quailing memories that he cherishes. Travelling the world would also mean that you are for away from your family, friends and those families focus that you have used to seeing around when you are at your home place. Missing those people during the journey is quite inevitable especially if you have closely attached to them. Therefore, emotionally there will be a change as these people have or had a big impact in your life. How you conceal those emotions values from person to person. Now that we have covered the emotional circle of impact. There will be an impact on your physical and your health too. You will become more physically active which is good for your health but you are prone to.

.....SAIDEEP
23K81A7348
AI&ML

TECHNOLOGY



Technology is the application of conceptual knowledge for achieving ways simple as well as tough too. the application of scientific knowledge to the practical aims of human life. Technology ensures improved accuracy.

Technology reminds us to learn new things and we be in our busiest world. The people all have loved to learn new things and forgetting the old ways of leaving how people had their lives to be enjoyed the way the people now a days leaving as keeping all remainders to do work as scheduled.

I don't criticize the way we all living. I have just expressed that we all forget the way we spent with the people before the technology developed. As we know the technology can't be stopped but we need more consciousness to be what happened or what makes us to be happened?

Concluding this as we have to be developed with technology in the olden days with attachment of the people. But not like the way of having a robot in life to express our feelings.

..... **Vaddepalli Shreya**
23K81A05A9
CSE-B

EDUCATION IN INDIA



India has a rich tradition of imparting knowledge. The ancient India had 'gurukuls' where students would live with teachers and seek knowledge. Students

from across the world were attracted to Indian education system. Education was considered a higher virtue in ancient India. However, after the British colonization the way of teaching has changed and it has been the same since then.

Education in India can be broadly divided into: Pre-primary level, Primary level, Secondary level, Higher education.

Article 21A was introduced by the 86th Constitutional Amendment Act of 2002, making elementary education a fundamental right instead of a directive principle. To implement the Article 21A, our Indian government legislated the RTE act. Under this act, SSA- Sarva Shiksha Abhiyan was introduced which aims to provide Universalization of Elementary Education (UEE) in a time bound manner.

The independent Indian education system developed along the lines of the framework of the commission to replace the Macaulayism. In the present times, where there are imminent threats of political ideologies hijacking the pedagogy of education and commercialization of education eroding value systems, it is appreciable to dust off the values promulgated by the commission.

In recent times, education in India has expanded access to most parts of the country. We have also established world class

institutions of higher education. It still has among the highest number of out of school children and a very poor record of school learning levels. In particular, the persistent and growing inequities in access and quality of basic education call into question the strategies and approach adopted. While many explanations have been proffered, in this article I take a close look at the government's system of school education delivery.

The National Education Policy (NEP), adopted in 2020, acknowledges teachers as crucial elements in the learning process. The aim of NEP is to have an education system that is second to none by the year 2040, with the equitable access to the highest quality of education for all learners irrespective of social or economic background.

Sri Sritha Viswanadhuni
23K81A04C6
ECE – B

జీవితం (Life)



నీ జీవితంలో నీ ప్రయాణం గొప్పది, ఆ ప్రయాణంలో నువ్వు నేర్చుకునే నీ అనుభవం గొప్పది. ఆ అనుభవ క్షణాల్లో నీ ఆనందం గొప్పది. నీ మనస్సుల్లో నుంచి మాట పెదవుల ద్వారా రాని నీ గొప్పనైన మౌనం గొప్పది, ఆ మౌనం ద్వారా నీ కళ్ళలో ఉండే మరియు నీ కళ్ళల్లోంచి నీకు చెప్పే ప్రేమ గొప్పది. నువ్వు ప్రేమించే నీ ప్రేమ.. ఇంకా గొప్పది. నీ జీవిత ప్రయాణంలో నీ యుద్ధం గొప్పది. ఆ యుద్ధంలో నీ నిజాయితీ గొప్పది. నీ ప్రశాంతత గొప్పది,

నువ్వు ఆ సమయంలో తీసుకునే నీ నిర్ణయం గొప్పది. అన్నిటి కంటే నీ ధైర్యం! నిన్ను ముందుకు నడిపించే నీ ధైర్యం గొప్పది అందరితో కలిసినపుడు హాయిగా మనస్ఫూర్తి గా నవ్వే ఒక అందమైన నీ చిరునవ్వు గొప్పది, నీతో నువ్వు ఉన్నప్పుడు నువ్వు నవ్వుకునే నవ్వు ఇది నీ మౌనంతో సమానం. నీ జీవితంలో నీ అనుభవాల ద్వారా వచ్చే నీ బాధ గొప్పది. నీ జీవితంలో ఈ సమాజం తోని పని లేదు, నీకు నీతోనే పని. నీకు నేర్పించిన నీ అనుభవాలు, ఆ అనుభవాల వేనక దాగి ఉన్న నీ యొక్క సమయం ఇంక గొప్పనైనది.. ఈ అందమైన జీవితంలో... మన నిరంతర జీవనంలో మన జీవితం ముడిపడి ఉన్న కల్పషం లేని ప్రకృతి గొప్పనైనది నీ జీవితంలో నీ స్థితప్రజ్ఞత గొప్పది. నీ సహనం గొప్పది. నీ జీవితంలో నువ్వు నడిచిన నీ వ్యక్తిత్వం గొప్పది. నువ్వు నీ జీవితంలో నటిస్తూ బ్రతకకూడదు. నువ్వు నటిస్తూ పోతే, నీకు నువ్వు దొరకవు, నీకు నచ్చినట్లు బ్రతికినప్పుడే దానిని బ్రతుకు అంటారు. నీ జీవితంలో చావుకి బయపడవల్సిన పని లేదు. ఎందుకంటే నీకు చావు గుర్తుండదు కాబట్టి, అందుకే చావుతో పనిలేదు, ఉన్నదల్ల బ్రతుకుతోనే, నీ జీవితంలో నీకు నువ్వే.. నీతో నువ్వే... నీ జీవితంలో నువ్వు ఈ ప్రకృతిలో నువ్వు ఒంటరి, ఇదే నిజం. జీవితం ఒక అవకాశం. ఆ అవకాశాన్ని నీకు నచ్చినట్లు బ్రతకాలి. నువ్వు నడిచే కొద్ది దారి స్పష్టంగా కనిపిస్తుంది. ఒకటే చోట ఉంటే ఏమి కనిపించదు. రథానివి నీవే యుద్ధనీవి నీవే, ప్రశ్న నీవే సమాధానం నీవే, నీ మౌనం నీ తోనే నీ ఆనందం నీతోనే, నీకు నువ్వే నీతో నువ్వే, దేహముంది, ప్రాణముంది, నెతురుంది, సతువుంది ఇంతకన్న

పైన్యముండునా... నిరంతరం నవ్వుతు..
గడిపేయాలి గొప్ప మౌనంతో..

.....**RENUKA PUSHPA**
23K81A72H8
AIDS-C

The impact of artificial intelligence on various industries



Artificial intelligence, or AI, is changing the way many industries work. It's like having computers that can think and learn, making tasks faster and smarter. In healthcare, AI helps doctors analyze medical images and data, making diagnoses quicker and more accurate. This means patients can get the right treatment faster, potentially saving lives. In manufacturing, AI controls robots that can do repetitive tasks, making production faster and cheaper. It helps companies create products more efficiently.

AI also plays a big role in finance. It helps analyze huge amounts of data to spot patterns in the stock market, making predictions about which investments might do well. This helps investors make smarter decisions. In customer service, AI-powered chatbots talk to customers online, answering questions and solving problems. This makes services available 24/7, providing quick assistance to people whenever they need it.

However, while AI brings many benefits, it also raises some concerns. Some worry that

AI might replace jobs, as machines can do some tasks better and faster than humans. This means some jobs might change, and people might need to learn new skills.

There are also worries about privacy, as AI collects and uses lots of data. It's important to create rules and guidelines to make sure AI is used ethically and safely, benefiting everyone without causing harm.

As AI continues to advance it's likely to become even more widespread across various industries. This could lead to more efficient processes better products and services, and new opportunities for innovation. But it's crucial to navigate this progress responsibly, ensuring that AI benefits society while addressing its potential challenges. With careful planning and ethical considerations, AI can continue to revolutionize industries while safeguarding the well-being of individuals and the community.

..... **V.K. GAYATHRI**
23K81A6661
CSE-AIML

Reality, Oh Reality

Reality, Oh Reality
 Running away from reality
 Everything rotates around
 me, not easy to escape

What is this reality?
 Maybe its fear of tomorrow,
 worried about present and
 Sad about past.

Lightening the thoughts,
 Burying the thoughts memories
 Blowing the broken,
 pieces away.

Diving deep
 the ocean just to hide
 thriving to end the counting
 of countless stars.
 wearing a happy mask
 to wear off this sadness
 Days pass, friends change.
 but still I am not used to this change
 again, reality hits.

Purami Ankitha
 CSE -C

**No One's gonna replace you**

Oh, my dear grandmother
 I miss you to the moon and back
 No one's gonna replace you not my mom and
 not my dad

Starving for the roti's you make and for
 curries along with it
 No one's gonna replace you not my mom and
 not my dad

May be one day my grandkids might love the
 way you used to do
 But no one now and no one now
 Not my mom and not my dad

Your cuddles are known for reliefs
 You are source of all my beliefs
 You are more than mother
 More than father

No one's gonna replace you
 You were my major source of love and joy
 I miss you to the moon and back
 Sometimes all the way a million times

Sunketa Meghana
 CSE-D
 23K81A05P6



What Should I exactly be?

Hiding in the corner,
 No one will ever find me
 Covering my face, so that
 No one actually ever judge
 They say
 Explore the world but
 Never go far from home
 Be extrovert but never
 Show your emotions.
 Dress appropriate so that
 No one will get a wrong idea
 Be courageous but
 Never challenge yourself
 So easy to be a girl
 Yeah, they say
 Be talkative, never talk rubbish
 Sit properly no need of comfort
 Keep smiling but never get attention
 Be confident girl but never be bold
 Then what should I exactly be?
 They say
 Girl dolled up
 To attract accidental rapes?
 But even a small child is never left.
 Treat me right.

Purami Ankitha
CSE -C

**Harnessing the Power of Chat GPT to Tackle Climate Change Challenges*****Redefining Climate Action with Chat GPT: Insights from Real-world Case Studies***

Climate change is a pressing global challenge that requires urgent attention from individuals, governments, and businesses.

To address this challenge, innovative solutions are needed that can leverage technology and data analytics to provide actionable insights and information.

In this article, we explore how Chat GPT, an advanced AI language model, can be utilized to tackle climate change challenges in real-time scenarios. We examine various use cases of Chat GPT, such as education and awareness, climate modelling, renewable energy, climate policy, and climate communication, and provide examples of how Chat GPT can be utilized to address climate change challenges in each case. We conclude by highlighting the potential of Chat GPT as a valuable tool to facilitate climate change mitigation and adaptation efforts.

Climate change is a complex issue that poses significant challenges to our society. It is caused by human activities, such as the burning of fossil fuels, deforestation, and industrial processes, which release greenhouse gases into the atmosphere, leading to global warming and other adverse effects. The consequences of climate change include rising sea levels, more frequent and intense natural disasters, food and water insecurity, and health risks.

To tackle these challenges, there is a need for innovative solutions that can leverage technology and data analytics to provide actionable insights and information. One such solution is Chat GPT, an advanced AI language model that has the potential to revolutionize how we approach climate change.

As an AI language model, Chat GPT can help address climate change challenges by providing information, insights and solutions related to the issue. Here are some ways in which Chat GPT can be utilized:

1. Climate Change Education and Awareness: One of the most significant challenges in addressing climate change is the lack of public awareness and understanding. Chat GPT can help bridge this gap by providing easy-to-understand information on climate change. A case study by the United Nations Development Programme (UNDP) found that a chatbot powered by Chat GPT was successful in raising awareness about climate change in Indonesia. The chatbot provided information on climate change and its impacts, as well as tips on how individuals can take action to reduce their carbon footprint. The study found that the chatbot was effective in reaching a wide audience and increasing their knowledge about climate change.

2. Climate Modeling: Chat GPT can be used to analyze and predict climate patterns and trends based on historical data and current conditions. For example, climate scientists can use Chat GPT to build models that simulate how changes in the Earth's climate system will impact the planet in the future. This can help policymakers and stakeholders to make informed decisions on climate change mitigation and adaptation.

3. Renewable Energy: Chat GPT can be utilized to identify renewable energy sources

such as solar, wind, and hydropower. For example, a renewable energy chatbot powered by Chat GPT can provide information on how to implement and scale up renewable energy technologies to reduce greenhouse gas emissions. This can help businesses and individuals to adopt sustainable energy practices.

4. Climate Policy: Developing effective climate policies is crucial in addressing climate change. Chat GPT can aid in the development of evidence-based climate policies. A case study by the World Resources Institute found that a chatbot powered by Chat GPT was successful in analyzing and providing insights on climate policy in India. The chatbot analyzed climate policies and regulations in India and provided recommendations on how to improve and strengthen them. The study found that the chatbot was effective in providing policymakers with data-driven insights, leading to the development of more effective climate policies.

5. Climate Communication: Chat GPT can help in communicating climate change information to the general public through chatbots, social media platforms, and websites. For example, a climate change chatbot powered by Chat GPT can provide real-time updates on climate-related news and events, and answer questions from the public. This can make climate change information more accessible and engaging to a broader audience.

The potential of Chat GPT to tackle climate change challenges can be illustrated through real-time scenarios:

One such scenario could be the **use of Chat GPT in predicting and mitigating the impact of natural disasters caused by climate change.** For example, a chatbot powered by Chat GPT can provide real-time

updates on weather patterns and forecast the likelihood and severity of extreme weather events such as hurricanes and floods. This information can be used by emergency services to evacuate people from affected areas and prepare for the potential impact of natural disasters.

Another scenario could be **the use of Chat GPT in promoting sustainable transportation practices.** For example, a transportation chatbot powered by Chat GPT can provide information on public transit options, ride-sharing services, and electric vehicle charging stations. This can encourage individuals to choose more sustainable modes of transportation, reducing their carbon footprint and promoting environmental sustainability.

Chat GPT can also be utilized in climate-related research and development. For example, a climate change chatbot powered by Chat GPT can provide researchers with access to data and insights on climate change. This can help in the development of new technologies and solutions that can help mitigate and adapt to the impacts of climate change.

To summarize, In the fight against climate change, Chat GPT has emerged as a powerful tool. From educating and raising awareness to modelling and policy development, Chat GPT can aid in both mitigation and adaptation efforts. Through real-time scenarios such as predicting natural disasters, promoting sustainable transportation, and supporting climate research, Chat GPT can be a key player in the battle against climate change. As such, it is crucial to harness the full potential of Chat GPT and other advanced technologies to address this urgent global challenge. However, it is important to note that technology alone cannot solve the climate crisis. It is crucial to combine technological

solutions with policy changes, societal shifts, and individual action to create a sustainable future for all.

.....V.Rajashekar Reddy
Asst.Professor of Chemistry

Science and Technology: Catalysts for Human Progress



Introduction:

Science and technology have been integral components of human civilization, shaping the course of history and revolutionizing the way we live. As humanity has progressed through the ages, the relentless pursuit of knowledge and innovation has propelled us into an era where the frontiers of possibility seem boundless. This essay explores the profound impact of science and technology on society, economy, and the overall human experience.

Body:

Advancements in Medicine: Science and technology have significantly improved healthcare, leading to increased life expectancy and enhanced quality of life. Breakthroughs in medical research, such as the development of vaccines, antibiotics, and advanced imaging techniques, have played pivotal roles in preventing and treating diseases. Modern medicine relies on cutting-edge technologies like gene editing and personalized medicine, offering unprecedented opportunities to tailor treatments to individual genetic profiles.

Communication and connectivity:

The advent of technology, particularly in the realm of communication, has transformed the world into a global village. The internet, mobile devices, and social media platforms have revolutionized how information is disseminated and how people connect. Instantaneous communication across borders has facilitated collaboration, cultural exchange, and the rapid spread of knowledge, fostering a more interconnected and interdependent world.

Innovation and Economic Growth:

Science and technology are driving forces behind economic development and innovation. The constant quest for efficiency and productivity has led to the creation of new industries and the transformation of existing ones. The development of artificial intelligence, robotics, and automation is reshaping the workforce, creating new opportunities and challenges. Governments and businesses recognize the importance of investing in research and development to stay competitive in the global economy.

Environmental Sustainability:

Science and technology are indispensable tools in addressing environmental challenges. Innovations in renewable energy, waste management, and sustainable agriculture are crucial for mitigating the impact of climate change. Technologies like solar power, electric vehicles, and efficient waste recycling contribute to building a more sustainable future, ensuring the well-being of the planet and future generations.

Education and Access to

Information: The digital age has democratized access to information and transformed the way we learn. Online education, e-books, and educational apps

have expanded learning opportunities beyond traditional classrooms. Science and technology have become enablers of lifelong learning, empowering individuals to acquire knowledge at their own pace and convenience.

Ethical Consideration and Challenges:

As science and technology advance, ethical considerations become increasingly important. Issues such as data privacy, artificial intelligence ethics, and the responsible use of technology require careful consideration. Striking a balance between innovation and ethical considerations is essential to ensure that technological progress benefits humanity without causing harm.

Conclusion: In conclusion, science and technology have been the driving forces behind human progress, influencing every aspect of our lives. From healthcare to communication, economic growth to environmental sustainability, the impact of scientific and technological advancements is profound. As we navigate the future, it is crucial to harness the power of science and technology responsibly, ensuring that the benefits are shared equitably and that ethical considerations guide our path forward. By embracing the potential of science and technology, we can continue to shape a world that reflects the best of human ingenuity and compassion.

.....K. Ramesh Babu
Asst.Professor of Physics

Life is according to thought



One man used to cut wood every day from the border of the village to the forest and sell it to the people of the village. One day he was regularly cutting wood. Then he felt tired. He lay down in the shade of a tree there. That tree is a magic tree that gives all that one thinks. He did not know this, and the breeze was blowing. It was comfortable for him. He thought how good it would be to have a cotton mattress at such a time. What a surprise! The next moment, a bed with a cotton mattress came near him. The woodcutter could not contain his joy. Immediately he mounted it. His whole body ached from working hard all day. At this time, he thought how much better it would be if there was a young woman holding his back, hands and feet. What a miracle! The next moment a young woman appeared there and was holding his hands and feet. The woodcutter did not understand anything, he floated in the flood of joy, he was surprised. Whatever we think happens, we are starving without food in our stomach even though we have so many pleasures! Now he thought how good it would be to have delicious food. The next moment the delicious food came on a golden plate. Many kinds of food came, and the woodcutter could stomach them all. As the saying goes, "The throat is full of faintness" the woodcutter fell asleep and lay down. A sudden fear came into his mind. "Aren't we alone in the forest? Now what if a lion comes in front of us and kills us?" He thought that. The next moment a lion appeared in front of him and killed him. Justice: Our life will be based on what we

do. If we think high and good, our life will be good. If we have wrong thoughts our life will be full of misery. So, we must think of higher things.

.....Dr.M.Nirmala Devi
 Assistant Professor of English

What It Means to Live in a Digitally Connected World: A Tale of Two Teenagers



Meet Lara. She's fourteen. Her phone alarm wakes her up with the tune of her favorite song from Olivia Rodrigo. After hitting snooze a few times, she jumps out of bed and checks TikTok and Insta to find out what's trending before getting ready for school. At the breakfast table, she looks at her calendar for the day. Phew! She barely submitted the essay that was due in English class. It was cool that Ms. Bada had them critique their ChatGPT- designed essays. It's way more interesting than just writing about Homer's The Odyssey. Coach Gonzalez just messaged the dance team to bring their new uniforms to practice this afternoon. After classes, she checks her online fan-art message board. She's been sharing her art for the past couple of years and got a paying gig to draw some of her favourite characters. Lara doesn't know what she would do if she didn't have her phone; everything is right at her fingertips. How do people live without it?!

Meet Maria. She's also fourteen. She starts the day by checking in on her two

youngers brothers. She makes breakfast for them, helping her grandparents, who she has lived with since she was a toddler. She helps feed some of their livestock before walking to school. It takes about half an hour to make the trek. She did her best to complete her homework last night, but it's harder to work during the fall semester when the sun sets so early, and she gets home from school just at dusk. Maria's home has intermittent electricity, and evenings are a challenge for her as she tries to do things with limited sunlight. Since the pandemic, her school has been more into technology and computers, which is fine for her at school, but what does that mean for her when school is out? She can't be at school all day; she needs to be around to help her family at home. With no computer at home, inconsistent electricity and a smart phone that she shares with her family, some days, it's a fight to use the phone to check in on assignments. She's really into manga art and was gifted an artist's pad by one of her favorite teachers, who has been encouraging her passion. Maria's been looking for a means to further develop her artistic skills but is clueless about what's out there.

Both Lara and Maria are in their first year of high school. They both have visions of being an artist. They both look for ways to hone their skills. They're both teenage girls. Digital access creates two very different lives and opportunities for each learner. For many of us, when we read their stories, we assume that they live worlds apart. The reality is that these two stories come from conversations and interviews with educators, caregivers and students in the United States from the Southwest to the East Coast with statistics that back up these personal narratives.

How do we change the narrative?

The digital divide is not merely anecdotal but a pervasive issue affecting countless learners. Bridging this gap is a complex task that demands comprehensive strategies. The way we engage learners digitally has to be equitable.

“Digital equity thinks of access beyond mainstream solutions and meets learners and their communities where they are, providing supports and solutions that complement their current realities.”

.....N.V. Pandurangarao,
Assistant Professor

Embracing Challenges: Turning Adversity into Strength



Introduction: Life is a journey filled with twists and turns, challenges and triumphs. As students navigating the academic landscape, it's inevitable that we encounter obstacles along the way. This article explores the transformative power of embracing challenges, delving into the ways adversity can be a catalyst for personal and academic growth.

Begin by discussing the importance of acknowledging challenges rather than avoiding or denying them. Share stories of individuals who faced adversity and grew stronger by accepting and addressing their difficulties.

Explore the concept of reframing challenges as opportunities for learning and growth. Provide examples of how a change in perspective can lead to innovative solutions and personal development.

Share inspiring stories of fellow students who faced academic or personal challenges and emerged stronger. Highlight specific strategies and mindsets that helped these individuals overcome adversity.

Discuss the importance of seeking support from friends, family, and mentors during challenging times. Provide resources available on campus for students facing difficulties, such as counseling services or support groups.

Explore the concept of failing forward and learning valuable lessons from setbacks. Discuss how mistakes and failures can be stepping stones toward success.

Discuss the concept of a growth mindset, emphasizing the belief that abilities can be developed through dedication and hard work. Provide tips for cultivating a growth mindset in academic and personal pursuits.

Conclusion: In the face of challenges, it's not about avoiding them but rather embracing them as opportunities for growth. By acknowledging, shifting perspectives, building a support system, learning from setbacks, and developing coping strategies, students can turn adversity into strength. Remember, the journey may be tough, but the resilience gained through facing challenges head-on will serve as a lasting source of strength and wisdom. So, let's embrace challenges with open arms and forge a path to a stronger, more resilient future.

.....**G. Chandra Mohan**
Assistant Professor

STRESS and IT'S MANAGEMENT

Stress management includes Learning skills such as problem-solving, focusing on important tasks first and managing your time. Improving your ability to cope with difficult events that happen in life. For example, you may learn how to improve your emotional awareness and reactions.

Children and youth often struggle with how to cope with stress. Youth can be particularly overwhelmed when their stress is connected to a traumatic event—like a natural disaster, family loss or community violence. Parents, caregivers, and educators can take steps to provide stability and support that help young people feel better.

Make each day an experiment and remove the pressure to perform. Creative Resolution is the ability to identify and make the 'important' decisions. Identify which things matter and which you can let go.

The five tips to manage stress and reduce the overall stress of day-to-day activities include: Use guided meditation, Practice deep breathing, maintain physical exercise and good nutrition, manage social media time, Connect with others.



.....**Vineela Lagadapati**
Assistant Professor

MOST INFLUENTIAL MATHEMATICIANS



Mathematics has seen the contributions of numerous great minds throughout history, whose discoveries and inventions have significantly shaped the discipline. Here are

some of the most influential mathematicians and their key contributions.

Pythagoras: Known for the Pythagorean theorem, which relates to the sides of a right-angled triangle. His work laid the foundation for understanding the relationships between the sides of geometric shapes.

Euclid: Often referred to as the "Father of Geometry," Euclid's work "Elements" established the principles of geometry. This influential work covered various mathematical topics, such as number theory, geometry, and logic.

Archimedes: Made significant contributions to geometry and mechanics. His work included the discovery of the principles of buoyancy, the calculation of pi, and advancements in the understanding of the lever.

Euler: One of the most prolific mathematicians in history, Euler made fundamental contributions to various areas of mathematics, such as calculus, number theory, graph theory, and differential equations. He introduced many notations still in use today.

Gauss: Often referred to as the "Prince of Mathematicians," Gauss made contributions to number theory, algebra, statistics, and differential geometry. His work includes the fundamental theorem of algebra and

Newton & Leibnitz: Independently developed calculus, revolutionizing mathematics and its applications in physics and engineering.

Galois: Known for his work in abstract algebra and group theory, Galois laid the foundation for the field of algebraic structures. His ideas were influential in understanding the solvability of polynomial equations.

Germain: Overcame barriers as a woman in mathematics and made significant contributions to number theory and mathematical physics. She also worked on Fermat's Last Theorem.

Alan Turing: A pioneer in computer science and cryptography, Turing's work during World War II on code-breaking laid the groundwork for modern computing. He also introduced the concept of the Turing machine, a model of computation.

Camille Jordan: Made significant contributions to various branches of mathematics, particularly in the areas of group theory, analysis, and the theory of equations.

Pierre-Simon Laplace: was a prominent French mathematician, physicist, and astronomer who made substantial contributions to various fields of mathematics, physics, and astronomy. Laplace's contributions significantly influenced mathematics, physics, and astronomy. His pioneering work in probability theory, celestial mechanics, and other areas laid the foundation for many subsequent developments in these fields, and many concepts named after him continue to be fundamental in modern mathematics and science.

Thomas Bayes was an English mathematician and theologian known for his significant contributions to probability theory, particularly through Bayes' theorem, which has had a profound impact across various fields, including statistics, machine learning, and scientific reasoning

David Hilbert was a prominent German mathematician who made substantial contributions to various branches of mathematics. He is regarded as one of the most influential mathematicians of the late 19th and early 20th centuries, known for his work in numerous areas of mathematics and for his impact on mathematical logic.

Jean-Baptiste Joseph Fourier was a French mathematician and physicist known for his significant contributions to various fields, particularly his work on Fourier series and Fourier transform, which revolutionized the study of heat transfer and the analysis of periodic phenomena.

Daniel Bernoulli was Jakob's son and made significant contributions to fluid mechanics, probability theory, and statistics. He formulated the principle known as Bernoulli's principle, which describes the relationship between the pressure and velocity of a fluid in motion. Daniel also made contributions to the field of probability, particularly in the study of risk and decision-making under uncertainty.

Lotfi Zadeh was a prominent mathematician, computer scientist, electrical engineer, and professor at the University of California, Berkeley. He is best known for his groundbreaking work in the field of artificial intelligence (AI) and fuzzy logic.

Zadeh's most significant contribution is the development of fuzzy logic, a mathematical framework that deals with reasoning and

decision-making in systems where certainty is not absolute. In classical (Boolean) logic, statements are either true or false. However, in many real-world situations, information is imprecise or vague, and uncertainty exists. Fuzzy logic provides a way to handle this vagueness by allowing for intermediate values between true and false.

These mathematicians, among many others, have left an indelible mark on the field, contributing to its advancement and influencing various areas of science, technology, and society.

“Mathematics is not just about numbers, equations, computations, or algorithms: it is about understanding”

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

FUN OF EXAMS

The morning arrives, a cup of tea,
 We march to the hall, trying to feel free.
 In rows we sit, with pens in hand,
 Facing the paper, oh so grand.

Multiple-choice, a guessing game,
 Essay questions, trying for fame.
 The clock ticks loud, time flies fast,
 Hoping our knowledge will unsurpassed.

The mind goes blank, a dreadful sight,
 Trying to recall with all our might.
 Random facts pop, like a surprise,
 But the answers hide behind our eyes.

Scratching heads, tapping feet,
 Crossing fingers for a passing sheet.
 Finally done, we breathe a sigh,
 Exams are over, oh my, oh my!

.....**S.Avinash**
Assistant Professor





UGC AUTONOMOUS

POEM ON COLLEGE LIFE

In halls of learning, minds ignite, Where
 knowledge blooms in gentle light.
 A college journey, vast and wide, A quest for
 truth, where dreams abide.
 Through lecture halls and dusty tomes,
 Students seek their academic homes.
 In classrooms filled with eager minds, A
 symphony of wisdom binds.
 The canvas of a college day, Painted with
 ideas that sway.
 Professors weave a tapestry, Of intellect and
 mystery.
 The campus breathes with youthful zeal, As
 aspirations start to heal.
 In every corridor, a tale, Of knowledge
 sought, of friendships frail.
 A library whispers ancient lore, A sanctuary
 forevermore.
 Books that bridge the distant past, To futures
 shaped, ambitions cast.
 Yet, college life is more than books, It's
 friendships forged in hidden nooks.
 In moonlit hours, camaraderie declared, In
 every moment, bonds declared.
 Challenges arise, exams to face, A
 rollercoaster, the college race.
 Yet in the struggle, growth is found, A
 metamorphosis profound.
 Beyond the grades and degrees earned, A
 deeper wisdom is discerned.
 Critical thinking, passion's fire, In college
 halls, these traits inspire.
 So here's to college, a sacred ground, Where
 knowledge and connections abound.
 A journey where the heart takes flight, In the
 pursuit of a future bright.



-----**SUJITH T**
Asst. Professor of English

Ms. Billingi Sirisha
 Roll no.: 23K81A72D4
 From I B. TECH – AI&DS section

Successfully Completed Training on DCA
 and C language from Impact Institution of
 Information Technology during July to
 September 2023 and
 have successfully completed the course and
 awarded 'A' Grade.!!



MS MASULA AKSHAYA
BEARING R.NO 23K81A05G5
FROM BTECH CSE- C SECTION
PARTICIPATED IN 'C' PROGRAMING
FROM 05 JUNE 2023 TO 10 JULY 2023
successfully completed the course and
awarded with certificate.



Mr Barda Karthik Reddy bearing roll
no.23k81A0509 from 1 B.tech -CSE section
participated Kho Kho event at SREENIDHI
tournament during 20th to 22nd Nov 2023.



Gnanamani Meghana bearing R.No.23K81A1290 from 1st year B. TECH - IT Section has been certified a certificate from Intern Dev of duration of 4 weeks internship in Graphic Designing from 1st to 30th November.

Mr. BATTULA LOKESH YADAV bearing R. No. 23K81A0510 from 1st year B-TECH -CSE- A section participated in KHO-KHO event "ASHWATHAMA"2023 National level inter college sports tournament held at Sreenidhi Institute of science and technology from 20th to 22nd November 2023 represented St. Martins Engineering college team



K. Madhu ,
 Roll no :23K81A0589
 From I B. TECH -CSE
 participated in NATIONAL SKILL
 DEVELOPMENT CORPORATION (Skill
 India) from June to August 2023 and has
 successfully Completed the course and is
 awarded 'c' Grade!



G Somiya Reddy

bearing roll no. 23K81A1287 from 1 B.tech-
 IT-B section received NCC B certificate





UGC AUTONOMOUS

Ms.M.Pranitha
bearing R.No.23K81A7237
from I B.TECH – AI&DS section has
participated in volley Ball tournament 2023
organised by the sports fest in Sreenidhi
institute of technology.

Mr Y V S Narendra Reddy

bearing roll no. 23K81A0464 from 1st
B.Tech-ECE section completed C-Language
at Softcore Technologies from 09th Jul to
09th Aug 2023.





Mr. Srihari Pulipati,
bearing roll number 23K81A0548 and pursuing a Bachelor's in Computer Science Engineering (CSE-A) in the first year, completed a C language course at the Algorithm Training Institute in Kukatpally, Hyderabad.

bearing R.NO: -23K81A0576 from I B. TECH CSE-B section has participated in Chandrayaan-3 Maha quiz 2023 The quiz Authority of ISRO Date: -26-09-2023



Mr. K Bharath

Ms.K.Supriya bearing Roll No 23K81A0439 from B. TECH ECE-A section participated in C language programming from June to August (2023) in offline classes.

Mr. SHAIK MEHBUB bearing H. No 23k81A7349 from 1st year B-Tech, AI&ML has completed MS Office, Typewriting courses in 2023 at Zia institution.

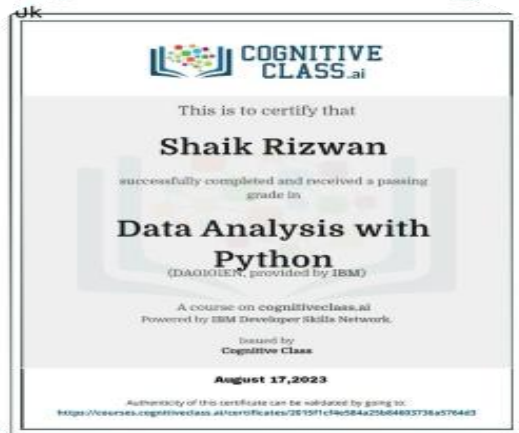




UGC AUTONOMOUS

Mrs. GANJI AKHILA, bearing roll number 23K81A0425 and pursuing a Bachelor's at Electronics and Communication Engineering (ECE-A) in the first year, completed my DCA and C -Programming in Anupama computer institute and data processing Centre and has got A+ grade in both the courses

Mr. Shaik Rizwan bearing roll no 23k81A04N3 from ECE-D section successfully completed and received passing grade in Data Analysis with python conducted by cognitive class.ai powered by IBM developer skills network and also received Certificate on Python Fundamentals for Beginners.



Indurthi Shruthi Sri, Bearing Rol No: 23K81A05E4 From 1st B.Tech CSE-C Section has completed C-Language Course covering Software and Has been Taken Place in A+ Grade of Distinction Rating 2023 Managed by Anupama Technical Institute and Data processing Centre From February to July 2023



CSE - A



CSE - B



CSE - C



CSE - D



ECE - A



IT - B



ECE - C



IT - A



ECE - B



IT - C



ECE - D



CSE(AI&ML)-A



AI&ML



AI&DS-B



CSE(AI&ML)-B



EEE



AI&DS-A



CSG



2023-24 SEM I MID I TOPPERS' LIST

I.B. TECH I SEM MID I TOPPERS



CSE
ANKAM KAVYA
23K81A0505
PERCENTAGE:97%



CSE
MADDIKUNTA SHASHANKA
23K81A0595
PERCENTAGE:97%



CSE
GUTTULA YASHASWINI
23K81A0521
PERCENTAGE:96.50%



EEE
SHUBHAM MISHRA
23K81A0216
PERCENTAGE:84.50%



CSE
ANKAM KAVYA
23K81A0505
PERCENTAGE:97%



IT
MENDU SREEKANTH REDDY
23K81A12G6



CSG
KHAJA GHOUSE KHAN
23K81A7425



AI&DS
YADLA DURGA PRASAD
23K81A7264
PERCENTAGE:93.75%



ECE
ADITHYA AJITH
23K81A0467
PERCENTAGE:92.50%



AI&ML
JUTURU THARUNI SAI
23K81A7301
PERCENTAGE:88.13%



CSE(AI&ML)
KOTTAPALLI AKSHITHA
23K81A6694
PERCENTAGE:95%

2022-23 SEM II TOPPERS' LIST:
DEPARTMENT TOPPERS



CSE
THODUPUNURI TRIKSHALA GOUD
22K81A0557
SGPA:9.8



CSE
SATTA PAVANI
22K81A05B6
SGPA:9.7



CSE
MURIKI SATHVIKA
22K81A0541
SGPA:9.55



EEE
URLANA MEGHANA
22K81A0219
SGPA:8.95



CSE
THODUPUNURI TRIKSHALA GOUD
22K81A0557
SGPA:9.8



IT
SIDHA MEGHANA
22K81A12H9
SGPA:9.0



CSG
SANDRA PAVANI
22K81A7452
SGPA:8.68



AI&ML
VADDIPALLI GAYATHRI
22K81A7360
SGPA:9.5



ECE
MANDA.SRAVANI
22K81A0497
SGPA:9.15



AI&DS
YALLA SUJANI
22K81A7263
SGPA:9.45



CSE(AI&ML)
REPAKA DOSHIK DOSHIK
22K81A66A7
SGPA:9.25



CSG
THADAKA VARSHA
22K81A7460
SGPA:8.68

Dr.S. Someshwar
Associate Professor



Editor in Chief:

Dr. P. Santosh Kumar Patra, Group Director



Editor:

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)

Mathematics



Dr.S. Someshwar
Associate Professor



Mr.G. Chandra Mohan
Assistant Professor



Ms.M.Sandhya Rani
Asst. Professor



Mrs.K.Priyanka
Asst. Professor

Physics



Dr.Rajji Mohammad
Mastan Shareef
Asst. Professor



Mr.E.Chandra Shekhar
Asst. Professor



Mr. B. Prashanth
Assistant Professor



Mrs. G. Sangeetha
Assistant Professor



Mr.V.Abhilash
Asst. Professor



Mr.Ch.Sravan Kumar
Asst. Professor



Dr.M.Dhamodhara Naidu
Assoc. Professor



Dr.B.Nehru
Asst. Professor



Mr.C.Vamshi Krishna
Asst. Professor



Mrs.Mamatha Kumari
Asst. Professor



Dr.M.Suresh Kumar
Asst. Professor



Mr.K.Ramesh Babu
Associate Professor



Mrs.S.Anitha
Asst. Professor



Mrs.K.Priyanka
Asst. Professor



Dr.T.Somasekhar
Asst. Professor



Mr.N. Pandu Ranga Rao
Asst. Professor



Mrs.Y.Naveena
Asst. Professor



Ms.V.Kusuma Niharika
Asst. Professor



Mrs.P.Bharathi
Asst. Professor



Mr.V.Rajasekhar Reddy
Asst. Professor

Chemistry



Dr. S. Hemambika
Professor



Dr. A. Rambabu
Associate Professor



Dr.Radha Krishna M
Asst. Professor



Mrs.M.Sravani
Asst. Professor

English



Dr. Raji Thomous
Assistant Professor



Dr. Saumya Prava
Acharya
Associate Professor



Mr. G. Laxmikanth
Associate Professor



Dr. M. Nirmala Devi
Associate Professor

Management



Mr.J.Anjaneyulu
Asst. Professor



Mr.Ch.Bhaskara Rao
Asst. Professor



Mrs.B.Shravani
Asst. Professor



Ms.V.Lakshmi Prasanna
Asst. Professor



Ms.B.Rajeswari
Asst. Professor



Mrs.A.Madhavi Latha
Asst. Professor



Mr.S.Srinivas
Asst. Professor



Mrs.L.Vineela
Asst. Professor



Mr.T.Sujith
Asst. Professor



Rinky Sanyal
Asst. Professor



Mrs.D.Anusha
Asst. Professor



Mrs.L.Bharani
Asst. Professor



Mr.K.Balarama Krishna
Asst. Professor



Mrs.L.Ramadevi
Asst. Professor



Mr.P.Vamshi Krishna
Asst. Professor



Mr.Ch.Sarath
Asst. Professor



Ms.M.Prathyusha
Asst. Professor



Mr.V.Bharath Kumar
Asst. Professor



Mrs.K.Priti
Asst. Professor

CSE



Mr.K.Upender Reddy
Asst. Professor



Mr.D.Prasad
Asst. Professor



Mrs.S.Sravanthi
Asst. Professor



Mr.Ch.Srinivas
Asst. Professor

ME



Mrs.M.Naga Triveni
Asst. Professor



Mr.S.Avniash
Asst. Professor



Mr.R.Hanuma Naik
Asst. Professor



Mr.P.Uday Kumar
Asst. Professor



Mr.Nagaraj Rathod
Asst. Professor



Mr.M.Vishnuvardhan Reddy
Asst. Professor



Mr.V.Sripal
Asst. Professor



Mr.P.Vikram
Asst. Professor

ECE



Mr.J.Prem Kumar
Asst. Professor



Mrs.K.Sandhya
Asst. Professor



Mr.V.Vishnuvardhan
Asst. Professor

EEE



Mr.V.Vishnuvardhan
Asst. Professor



Mr.G.Balachandraiah
Asst. Professor



Mr.V.Vishnuvardhan
Asst. Professor



Mr.K.Vinodh Brenav
Asst. Professor



Mrs.V.Kiranmayee
Asst. Professor



Mr.B.Dasu
Asst. Professor



Mrs.K.Haritha
Asst. Professor



Ms.V.Usha Rani
Asst. Professor

CE



Mr.K.Prabhakar
Asst. Professor

Reach us@:

Mr. B. Prashanth

prashanthhs@smec.ac.in

+91 9652953955

DEPARTMENT OF FRESHMEN ENGINEERING



*Have an aim in
life, continuously
acquire knowledge,
work hard and
smart but never
give up, then
success will be
yours.*