MRCE
HYDERABAD

PLEXUS

Mr. Sam Altman

OUR PEOPLE OUR PROGRESS

Dr. Yann LeCun

Dr. Geoffrey Hinton
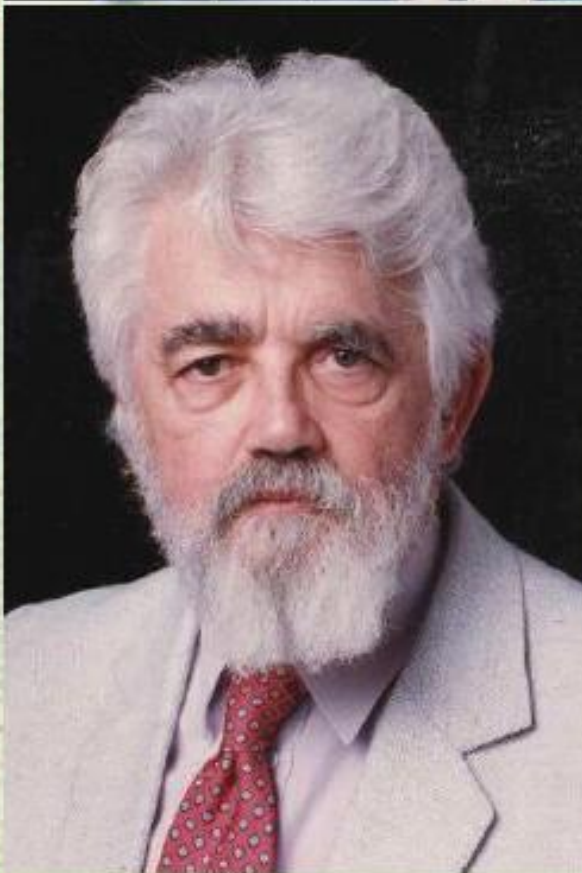
Dr. Alan Turing

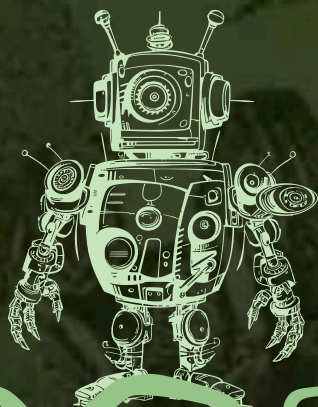Dr. John McCarthy

THE CSE (AIML) CHRONICLE

Dr. Andrew Ng

A SEMESTER OF GROWTH, CREATIVITY, AND TECHNOLOGICAL EXCELLENCE

UNVEILING THE SPIRIT OF

GSE (AI/ML)

Malla Reddy College Of Engineering

Approved by AICTE(New Delhi), Affiliated to JNTUH)
Recognised under Section 2(f) & 12(B) of the UGC Act 1956, An ISO 9001:2015 Certified Institution.

INSTITUTE VISION

To emerge as a Center of Excellence for producing professionals who shall be the leaders in technology innovation, entrepreneurship, management and in turn contribute for advancement of society and human kind.

INSTITUTE MISSION

M1 : To provide an environment of learning in emerging technologies.

M2 : To nurture a state of art teaching learning process and R&D culture.

M3 :To foster networking with Alumni, Industry, Institutes of repute and other stakeholders for effective interaction.

M4 :To practice and promote high standards of ethical values through societal commitment.

ABOUT THE INSTITUTION

Malla Reddy College of Engineering (Formerly CM Engineering College) has been established under the aegis of the Malla Reddy Group of institutions in the year 2005, a majestic empire, founded by chairman Sri. Ch. Malla Reddy. He has been in the field of education for the last 22 years with the intention of spearheading quality education among children from the school level itself.

Since the beginning Mr. Malla Reddy has endeavoured to ensure quality education and carved a niche for himself by managing this group of institutions.

Malla Reddy College of Engineering has been laid upon a very strong foundation and has ever since been excelling in every aspect. The bricks of this able institute are certainly the adept management, the experienced faculty, the selfless non-teaching staff and of course the students.

I

DEPARTMENT VISION

To teach excellence education for undergraduates in the field of Artificial Intelligence and Machine Learning in the technological-embedded domain and make professionals who help the better cause of society.

DEPARTMENT MISSION

M1 : Impart demanding training to create knowledge through the state-of-the-art ideas and skills in Artificial Intelligence and Machine Learning.

M2 : Facilitate the students to adapt to the rapidly changing technologies by providing cutting-edge laboratories and facilities.

M3 : Kick off the research and training, paying special attention to the essential skills of the subsequent generation workforce and societal needs.

ABOUT THE DEPARTMENT

The Department of Artificial Intelligence and Machine Learning (AI&ML) was founded in 2020 with the goal of providing high-quality higher education to as many students as possible and to satisfy the enormous need for highly trained professionals in the industry. The Department of AI&ML offers a B. Tech program in Computer Science and Engineering (Artificial Intelligence and Machine Learning). The curriculum is created to give students a firm foundation in AI and ML principles and concepts as well as practical experience in handling situations from the real world. Programming languages, computer architecture, machine learning, natural language processing, artificial intelligence, and deep learning are some of the department's core subjects. Students are continuously trained with an attitude of excellence to overcome automation challenges across all industries and provide new context and background to improve the agile process with the assistance of great laboratory facilities and well-qualified faculty members. Because of the program's interdisciplinary nature, it draws on knowledge and coursework from many different disciplines, including computer science, mathematics, and statistics. Students will have the chance to take part in research projects in addition to the required courses, both inside the department and with other departments and organizations. Students who complete the B.Tech. programme in Computer Science and Engineering (Artificial Intelligence and Machine Learning) will be well-versed in the theories and methods of AI & ML and will be qualified for employment in a range of fields and positions, including data analysis, software development, and research.

SRI. CH. MALLA REDDY

FOUNDER & CHAIRMAN

Intellectuals are not born but are made. They live a trail with unmatched perseverance, rocky commitment in their principled endeavours. Visionaries' logical and reasonable encounters in their walks of life, become values, these conscientious values are irradiating millions of student fraternity and kindled their careers.

This millennium poses numerous challenges to educational institutions, who chant quality mantra. An institution of par excellence, has reached unflinching success, in its strides of imparting quality education recognized. This feat was achieved by the Chairman of MRGI, in all his humble, mesmerizing and charismatic ways.

III

OUR PATRON
Sri. Ch. Mahender Reddy

Mr. Mahender Reddy is carrying forward the pioneering legacy of his visionary father. Mr. Ch. Malla Reddy. All the assignments or pursuits he shoulders are punctuated with distinctions. This multifaceted personality in write enthusiastic in bringing laurels to MRGI in its continuing saga of success. He is redefining the etiquette of the quality education with an indomitable team spirit. In treading the path of his father he is blazing the way, with a trail of achievements and accomplished goals. For students, he is a sustainable source of inspiration with hallmarked practice of teaching and learning process. His innovative thoughts encompasses worthy practices, with a league of measures, to cope new challenges, in bringing fourth potential professionals.

IV

OUR PATRON

Smt. Ch. Shalini Reddy

Smt. Ch. Shalini Reddy is a highly accomplished leader with a distinguished background in business leadership, having earned her Master's in Business Administration (MBA). Under her guidance, the institution has flourished, reaching new milestones and setting high standards in the industry. Her forward-thinking approach emphasizes not only academic excellence but also the development of critical thinking, creativity, and entrepreneurial skills in students, preparing them for leadership roles in the future. Through her dynamic leadership, she continues to inspire a culture of innovation, excellence, and holistic development within the institution.

OUR PATRON
Dr. Ch. Bhadra Reddy

Dr. Ch. Bhadra Reddy, the President of MRGI, is a highly qualified professional with an M.D. degree in Medicine. His commitment to providing quality education in a conducive environment is at the heart of his leadership philosophy.

Dr. Reddy believes in preparing students to meet the evolving demands of the industry, motivating them to excel in their respective fields. His efforts are focused on ensuring that students not only acquire academic knowledge but also develop the skills and mindset necessary to thrive in a dynamic and competitive world. Through his leadership, he fosters an environment where students are inspired to reach their full potential and contribute meaningfully to society.

Dr. Ch. Preeti Reddy

Dr. Ch. Preeti Reddy, Vice-Chairman of Malla Reddy Vishwavidyapeeth (MRV), Hyderabad, is a dynamic leader dedicated to advancing healthcare standards and driving organizational growth. With an MBBS and MD in General Medicine from Dr. D.Y. Patil Medical College, Pune, she earned a gold medal for academic excellence, reflecting her commitment to excellence and innovation in the medical field. She is the Vice-Chairman of Malla Reddy Vishwavidyapeeth (MRV), Hyderabad, and a visionary leader committed to advancing healthcare standards and driving organizational growth. Her leadership focuses on fostering a culture of high standards in both education and healthcare.

Dr. M. ASHOK
Principal - MRCE

Dr. M. Ashok, a PhD in Computer Science specializing in Digital Image Processing, is a distinguished educator with multiple awards. He has published seven books, 43 research articles, five patents, and actively guides PhD scholars while leading various educational initiatives.

Empowering our journey with timeless principles to inspire growth, success, and purpose

He has a kind and approachable demeanor, and he maintains a healthy and productive relationship with all stakeholders, including students, parents, employees, management, and other stakeholders. He encourages the faculty and students to succeed in their endeavours.

VIII
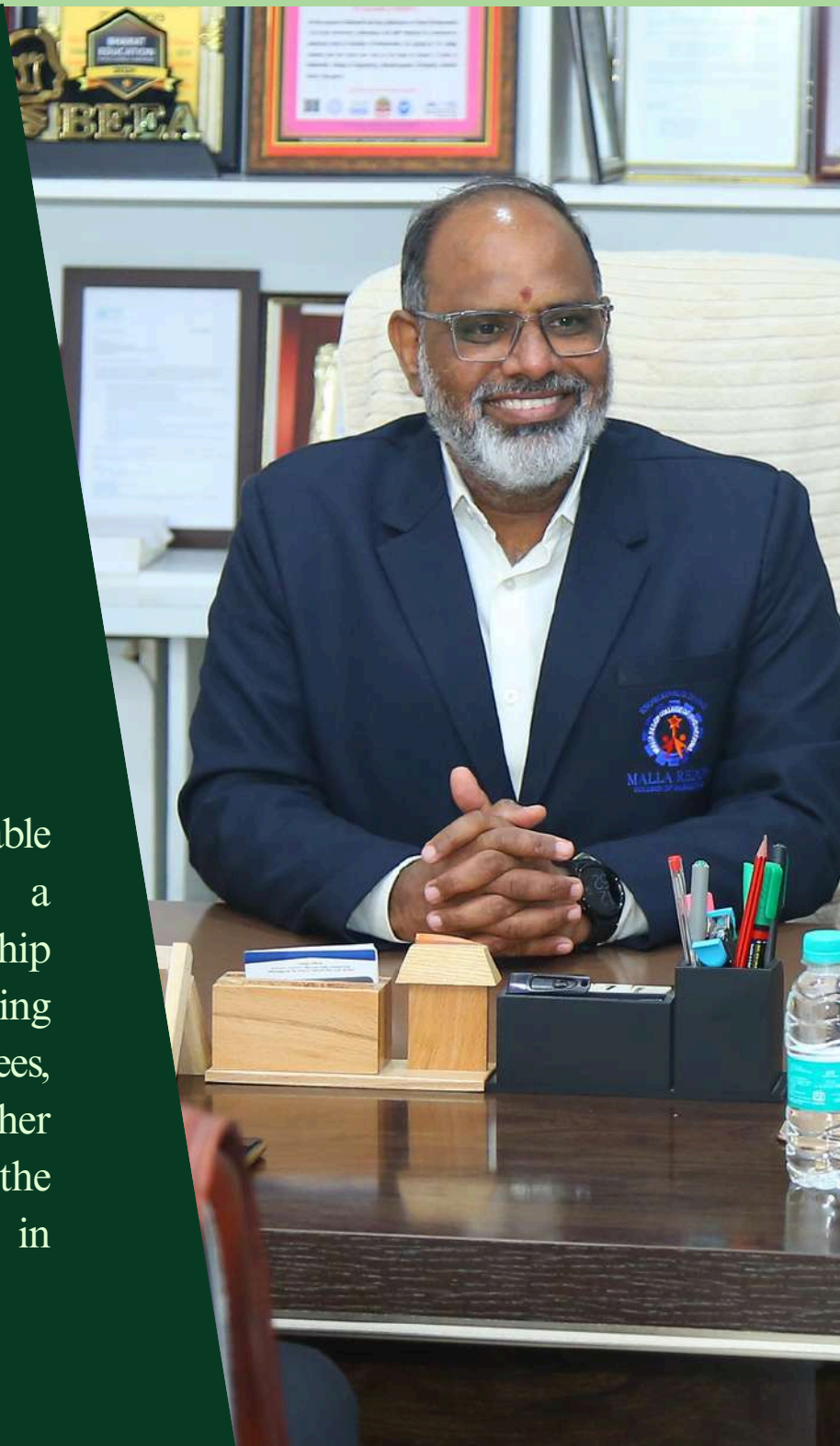
Dr. ANANTHA RAMAN RATHINAM

Dean IQAC - MRCE, Head of Department CSE (Artificial Intelligence & Machine Learning)

Dr. Anantha Raman Rathinam is a distinguished academician and researcher with over 16 years of experience in teaching and administration. He holds a Ph.D. in Computer Science and Engineering from Anna University, Chennai, and currently serves as Dean–IQAC and Head of the Department of CSE (AI & ML) at MRCE.

Dr. Anantha Raman Rathinam is known for his dedication, humility, and commitment to academic excellence. He mentors faculty and students, inspiring them toward research and innovation while fostering teamwork and continuous improvement. Through his leadership in IQAC, he has strengthened academic standards at MRCE and promoted values of integrity, responsibility, and lifelong learning among students.

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Meet our Mentors

Acknowledged as more than just teachers, our mentors are seasoned professionals and researchers who bring a wealth of real-world experience to their roles. Their diverse backgrounds and profound expertise—ranging from Cloud Computing and Big Data to Wireless Sensor Networks and AI/ML—ensure that our education is both comprehensive and cutting-edge. They encourage critical thinking, problem-solving, and a hands-on approach to learning, preparing us for the complex challenges of the modern tech industry.

Led by distinguished individuals like Dr. Anantha Raman G R, our mentors are a testament to academic excellence and a passion for research. Their extensive publications, patents, and contributions to various academic bodies showcase a deep commitment to advancing their respective fields. They serve as a constant source of inspiration, demonstrating that learning is a lifelong journey of discovery and that dedication to one's craft yields remarkable results. This section is a heartfelt thank you to our mentors for their unwavering support, for believing in our potential, and for shaping us into the next generation of innovators.

Dr. ANANTHA RAMAN G R

B.E., M.E., Ph.D. DEAN IQAC - MRCE & Head of Department CSE(AIML)

"Turning Knowledge into Breakthroughs for a Brighter Tomorrow"

Dr. Anantha Raman G R is an accomplished academician and researcher, currently serving as Professor and Head of the Department of Computer Science and Engineering (AI & ML), as well as Dean of IQAC at Malla Reddy College of Engineering. With over 16 years of rich academic and research experience, he has held key positions across reputed institutions including KL University, Vijayawada, Malla Reddy Institute of Engineering and Technology, Hyderabad, and Adhiyamaan College of Engineering, Hosur.

He holds a Ph.D. in CSE from Anna University, Chennai, and his research interests include Cloud Computing, Big Data Analytics, Virtualization, and Computer Networking. He has published 47+ journal papers, 35 conference papers, 9 books/chapters, and holds 7 patents. He is also the recipient of the IASTE Best Director Award (2018) and a CSIR-funded researcher.

Dr. Anantha Raman continues to contribute actively as a Ph.D. examiner, BoS member, and research mentor, inspiring students and scholars through his dedication to teaching and innovation.

2

Dr.V VIVEKANANDHAN

Associate Professor & Dean IIIC & IIC - MRCE

"Transforming Research into Innovation for a Smarter Future"

Dr. Vivekanandhan is a distinguished academician and researcher known for his remarkable contributions to science and technology. His dedication to advancing knowledge is reflected in his extensive scholarly work, combining rigorous research with practical innovation.

He has authored 17 research journal articles, participated in 10 international and 10 national conferences, and written four books, showcasing his commitment to disseminating knowledge across multiple platforms. His innovative pursuits have also resulted in four patents, highlighting his ability to translate research into impactful technological solutions.

Dr. Vivekanandhan has received the Best Researcher Award from Samarkand University, Uzbekistan, and Manipal University, Malaysia, in 2025 researchers, and professionals, establishing him as a leader in his field.

3

Dr. K.SHANTHI LATHA

Associate Professor, Convenor Wellness Club - MRCE

"Pioneering Intelligent Solutions at the Intersection of Healthcare and Technology"

Dr. K.Shanthi Latha is a distinguished faculty member in the Computer Science Engineering (Artificial Intelligence & Machine Learning), known for her unwavering commitment to academic excellence, research innovation, and student mentorship. Her passion for teaching and her ability to inspire young minds earned her the Best Teacher Award in 2025, a recognition of her dedication to nurturing a culture of learning, creativity, and critical thinking among students.

Her recent research contributions include papers titled "Weight Optimized Genetic Algorithm Driven Machine Learning Models for Robust Digital Video Watermarking Methods" published in the Journal of Machine and Computing (2025), and "Enhancing Diabetes Prediction in Health Informatics Through Software Analysis and Machine Learning Synergy" published in the Journal of Neonatal Surgery (2025).

Her work reflects a strong dedication to combining machine learning, health informatics, and digital media technologies to drive meaningful innovations in research and education.

Dr. B RAJU

Associate Professor

*"Innovating Sustainability
through Intelligent Manufacturing Systems"*

Dr. B. Raju is a distinguished researcher whose expertise lies in the domains of sustainable manufacturing and intelligent systems. With a strong vision for merging technology and environmental responsibility, his research contributes to the advancement of smart, efficient, and eco-friendly manufacturing solutions. His work continues to inspire innovation and drive progress toward a more sustainable industrial future.

A hallmark of his academic journey is his patented innovation — the "Intelligent Braking System" (2024) — which stands as a testament to his inventive thinking and problem-solving capabilities. Dr. Raju has also made significant scholarly contributions through numerous publications in reputed international journals, including the International Journal of Recent Scientific Research, Journal of Xi'an University of Architecture & Technology, and GSC Advanced Engineering and Technology.

Beyond research, Dr. Raju exemplifies a lifelong commitment to learning and excellence. He has earned prestigious international certifications from the Open University (London, UK) and the University of Melbourne, further strengthening his global academic perspective. His dedication to sustainable performance evaluation and fuzzy decision-making models continues to influence and shape the future of intelligent manufacturing research.

Dr. K VAMSHI

Associate Professor & Exam-Cell Incharge - MRCE

"Pioneering Ideas into Impactful Solutions"

Dr. K. Vamshi is committed to creating an engaging and innovative learning environment. As an educator and administrator, he focuses on nurturing creativity and higher-level thinking, helping students strengthen both their academic and professional skills.

He earned his Ph.D. from VIT-AP University, Amaravati, in March 2023, with his thesis titled "Design and Development of Wideband Antennas using Characteristic Mode Analysis."

Dr. Vamshi's academic journey reflects his dedication to excellence in teaching, research, and mentorship, continuously striving to inspire students and contribute to the institution's growth.

Mr. R VENKATESH

Asisstant Professor & Deputy HOD

R. Venkatesh is a committed educator and researcher, dedicated to excellence in both teaching and scholarly pursuits. His approach combines consistent performance with innovative methodologies, fostering a learning environment that encourages curiosity and critical thinking among students.

In addition to research, R. Venkatesh has been recognized for his excellence in teaching, having received multiple appreciation certificates for achieving 100% student pass results in key computer science subjects, and has been awarded the best teacher award for 2 years (2022-2023 &2023-2024)

He has made significant contributions to academia through numerous SCOPUS and Springer-indexed publications in areas such as machine learning, health informatics, and cloud computing. His notable works include the book Exploring in Medical Imaging, reflecting his expertise in cutting-edge technologies. He has also presented papers at reputed international conferences and published journals, underlining his commitment to advancing both knowledge and educational outcomes.

Mr. Manivannan S

Mr. Manivannan S is an Assistant Professor in Computer Science and Engineering with 16 years of experience. A Senior Assistant in the Exam Cell, he specializes in AI, Machine Learning, and IoT. Currently pursuing his Ph.D., he is recognized for his research publications, patents, and innovative teaching methods.

Mrs. Anju Gopi
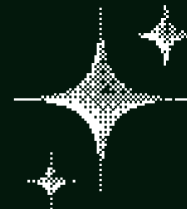
Ms. Anju Gopi is an Assistant Professor and Ph.D. researcher in Computer Science, specializing in AI, Machine Learning, and Cyber Security, with published research and a passion for student growth.

Mr. Sakthivel M

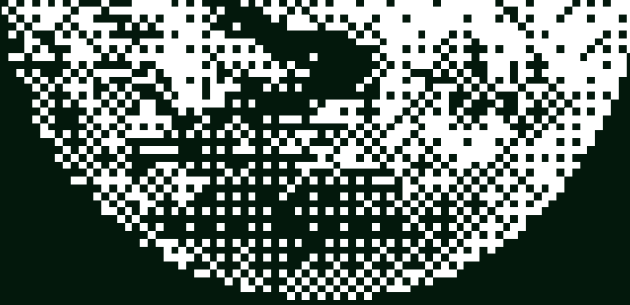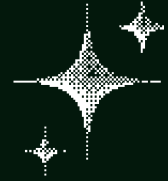--M. Sakthivel, B.E., M.E., (Ph.D), is a dedicated professional and academician driven by a passion for continuous learning and innovation. He strives to apply multidisciplinary skills and leadership qualities to achieve organizational goals. With a strong technical foundation, he aims to foster growth and excellence in every endeavor. His commitment to advancing both personal and institutional success defines his professional vision.

Mr. G Bharath Kumar

Mr. G. Bharath Kumar is an Assistant Professor and dedicated researcher in emerging technologies, specializing in AI, pattern recognition, and algorithmic innovations. His work demonstrates a strong commitment to advancing research and developing practical technological solutions.

Mrs. K Sunandha

Mrs. K. Sunanda Reddy is an Assistant Professor in AI & ML at Malla Reddy College with 10 years of experience. She holds an MTech in IT and specializes in Cyber Security, Blockchain, Cloud Computing, and Machine Learning. She has published 2 patents and guided 10+ UG projects.

Mrs. S Mineesha

Mrs. S. Mineesha is an Assistant Professor in Computer Science, specializing in networks, security, and machine learning. With over seven years of teaching experience, she is the author of "Artificial Intelligence with Machine Learning Concepts" and is currently pursuing her Ph.D. Passionate about research and education, she strives to inspire innovation in her students.

Mrs. Rajee Josan

Mrs. Rajee Josan is an experienced academic in Computer Science and AI, with a strong teaching and leadership background. She served as Assistant Professor and HOD at Loyola Academy from 2010–2016 and 2019–2024. Currently, she is an Assistant Professor in the CSE-AIML department at Malla Reddy College of Engineering.

Mr. K Lokesh

Mr. Lokesh Konathala is a dedicated professional committed to continuous learning and excellence. He actively contributes to team success while pursuing both personal and organizational growth. With a long-term vision, he aligns his goals with those of the organization.

Mr. Srikanth Shekka

Mr. Srikanth Shekka is an Assistant Professor with extensive teaching experience in Hyderabad. He worked at CMR Technical Campus from March 2022 to August 2024 and is currently serving at Malla Reddy College of Engineering since August 2024. His ambition is to grow through hard work, discipline, and sincerity by embracing challenging opportunities.

Mrs. D Rama Devi

Mrs. D.Ramadevi is an experienced educator and technologist with a strong background in engineering and programming. Passionate about teaching and committed to team success,she blends technical skills with effectivecommunication to inspire and empower learners

Mrs. G Sowmya

Mrs. G. Sowmya is a dedicated Computer Science teacher with strong expertise in coding and digital literacy. She strives to integrate modern technology into education, making learning engaging and impactful. Known for her logical thinking and quick problem-solving skills, she approaches every task with sincerity and hard work. Her patience, communication, and continuous learning mindset make her an inspiring educator.

Mr. S Manikandan

Mr. S. Manikandan is an Associate Professor in Computer Science and Engineering with over 13 years of experience. He specializes in Data Science, Machine Learning, and Network Security and is actively involved in research and professional certifications.

Mrs. Thamburu S

Mrs. Thamburu S is an Assistant Professor and Front-End Developer skilled in React and digital technologies. She is passionate about teaching, innovation, and creating user-friendly web applications that blend functionality with modern design.

Mrs. Ch. Pravalika

Mrs. Ch. Pravalika is an educator and researcher specializing in AI, Machine Learning, and Cybersecurity. With IEEE publications and patents to her credit, she is passionate about innovation, teaching, and creating real-world technological impact.

Mrs. Shivapriya M

Mrs. Shivapriya M is an experienced Assistant Professor in CSE with over 8 years of teaching, research, and mentoring. Skilled in Machine Learning, AI, Data Science, and programming (C, C++, Python), she has published 2 patents, a Scopus paper, and a book on Machine Learning, and is currently pursuing her Ph.D.

Mrs. Pragathi B

B. Pragathi is a Ph.D. scholar in Augmented Intelligence at NIT Warangal.
 She holds an M.Tech in Information Technology (8.32) from JNTUH and a B.Tech in Computer Science (7.2) from Kakatiya Institute.
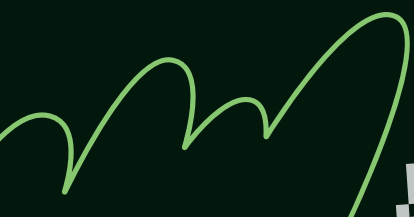
Mrs. E Amruthavarshini

Mrs. E Amruthavarshini aims to build her career in a dynamic corporate environment that values teamwork and innovation. She is committed to leveraging technology to contribute to both organizational growth and personal development. Focused on continuous learning, she strives to deliver quality results and adapt to evolving trends.

Mr. Praneel Deva

Mr. Praneel Deva is an adaptable and hardworking individual, flexible in handling any kind of work. He actively participates in social activities and enjoys reading books and listening to music, balancing productivity with personal growth.

Mrs. Pushpa Latha

Mrs. Pushpa Latha is a passionate professional focused on technological advancements and academic excellence, with a commitment to research, development, and continuous skill enhancement in engineering. She excels in communication, time management, and mentoring, promoting ongoing learning and growth.

Ms. Sk Heera

Ms. Heera Shaik is an ambitious professional dedicated to enhancing both their skills and career growth. By embracing challenging roles, Heera seizes every opportunity for development, contributing to the success of both personal and organizational goals. Focused on exceeding expectations, Heera plays a key role in driving success within every project.

Mr. Naresh Reddy

Mr. Naresh Reddy is a talented professor in our department, known for his expertise and dedication to teaching. He consistently contributes to academic excellence through innovative teaching methods and impactful research. Currently, he is pursuing his PhD, further enhancing his knowledge and skills.

Mrs. Bhuvaneshwari

Ms. Bhuvaneshwari is a dedicated professional with skills in MS Office, Core Java, and SQL. Known for her hard work and adaptability, she strives to take on challenges and contribute meaningfully to the growth and success of our institution.

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FACULTY ACHIEVEMENTS

Dr.Anantha Raman G. R.
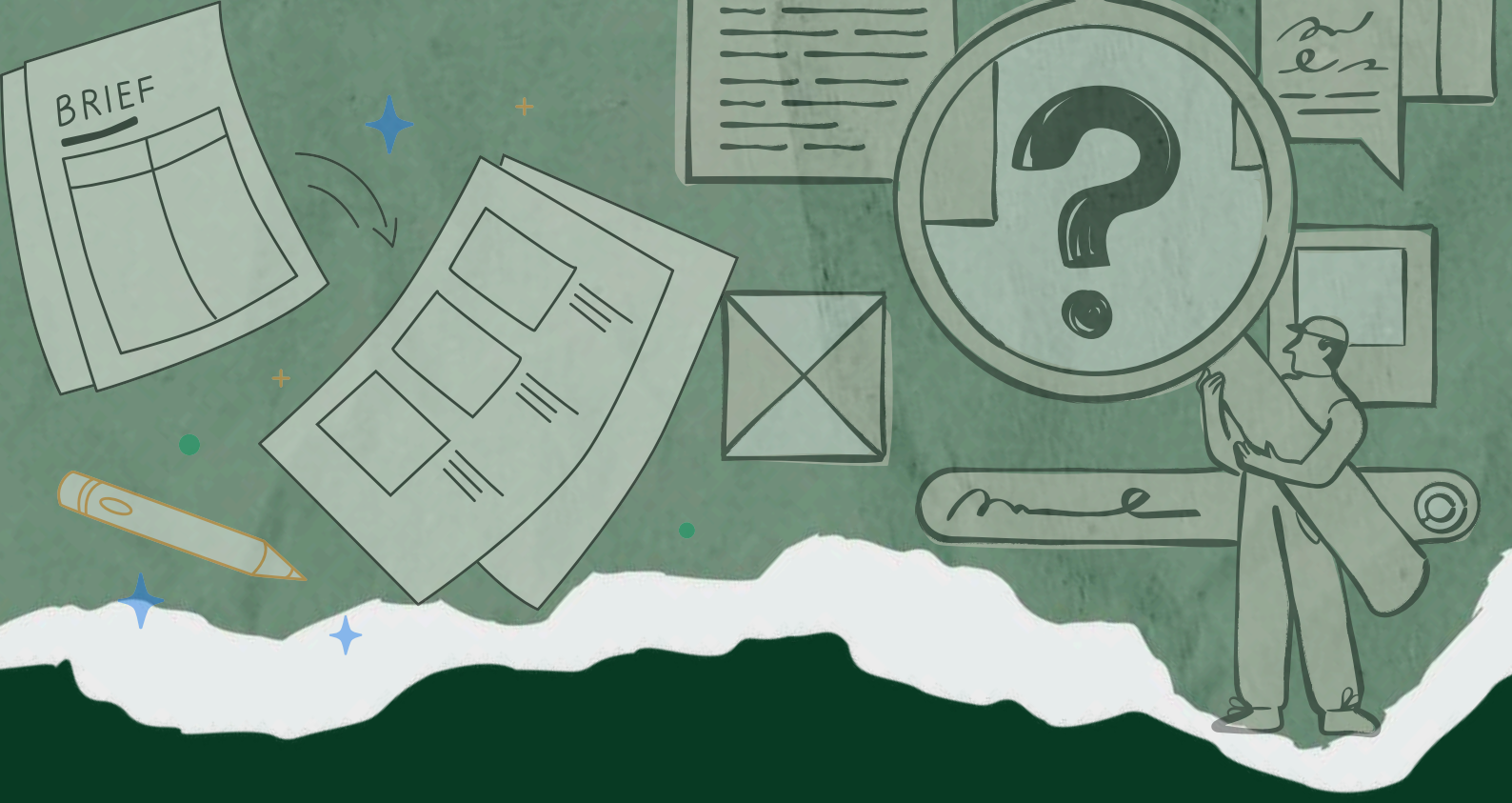
He is a distinguished professor and researcher with significant contributions to cloud computing and big data. A co-author in the Elsevier Journal of Computer Communications (2020), he has published over 47 journal papers and 35 conference papers, including IEEE proceedings. His research excellence is reflected in seven patents and numerous citations on Google Scholar. He has also authored and co-authored nine books and book chapters across diverse domains, received CSIR funding in 2022, and delivered several invited talks and tutorials, showcasing his expertise and leadership in advancing computer science research.

Dr.V.Vivekanandhan

He is a distinguished researcher and academician with an extensive record of scholarly contributions. He has published 17 research journals, attended 10 international and 10 national conferences, and authored four books. His innovative work has also led to four patents, reflecting his commitment to advancing research and technology. In recognition of his outstanding contributions, he received the Best Researcher Award from Samarkand University, Uzbekistan, and Manipal University, Malaysia in 2025.

Dr. Shanthi Latha

Dr. Shanthi Latha is a committed academician and researcher, and has made significant contributions to the fields of machine learning and health informatics. Her recent publications include "Weight Optimized Genetic Algorithm Driven Machine Learning Models for Robust Digital Video Watermarking Methods" in the Journal of Machine and Computing (Vol. 5, Issue 4, 2025, ISSN: 2788-7669), and "Enhancing Diabetes Prediction in Health Informatics Through Software Analysis and Machine Learning Synergy" in the Journal of Neonatal Surgery (Vol. 14, Issue 31s, 2025, ISSN: 2226-0439). Her research reflects a dedication to advancing technological innovation and its applications in improving healthcare and digital security systems.

Dr. B. Raju

Dr. B. Raju is an accomplished researcher with expertise in sustainable manufacturing and intelligent systems. He holds a patent for an "Intelligent Braking System" (2024) and has published several research papers in reputed journals, including the International Journal of Recent Scientific Research, Journal of Xi'an University of Architecture & Technology, and GSC Advanced Engineering and Technology. His work focuses on sustainable performance evaluation and fuzzy decision-making models in manufacturing. Beyond research, he has earned international certifications from the Open University (London, UK) and the University of Melbourne, reflecting his commitment to continuous learning and academic excellence.

Dr. K. Vamshi

Dr. K. Vamshi is a dedicated educator who has actively enhanced his expertise through a series of advanced workshops and faculty development programs. His recent participation includes programs on Machine Learning for Communication and Networking, High-Performance Semiconductor Devices, AI and IoT Integration, Outcome-Based Education, and Advanced Materials for Sustainable Technologies. He has also attended specialized sessions on Research Methodology, RF Energy Harvesting Applications, and VLSI System on Chip Design. These accomplishments reflect his continuous pursuit of innovation and excellence in the evolving fields of Electronics, Communication, and Artificial Intelligence.

Mr. R. Venkatesh

Mr. R. Venkatesh has contributed extensively to academia with numerous SCOPUS and Springer-indexed publications in areas like machine learning, health informatics, and cloud computing. His work includes the book Exploring Machine Learning: From Introduction to Advanced Applications and a book chapter on Convolutional Neural Networks in Medical Imaging. He has also published several papers in UGC Care-listed journals and presented at reputed international conferences. Recognized for academic excellence, he received multiple appreciation certificates for achieving 100% student pass results in key computer science subjects.

Mr. S. Manivannan

Mr. S. Manivannan is a prolific researcher and academician specializing in Artificial Intelligence, IoT, and Machine Learning. He has authored eight international research papers published in reputed journals and IEEE conferences, covering areas such as precision agriculture, diabetes prediction, and biomarker classification. His innovative contributions include eight patents in domains like blockchain communication, intelligent irrigation, and smart agricultural systems. Dr. Manivannan has also authored seven books and book chapters in advanced computing fields including Quantum Machine Learning, Distributed Computing, and IoT Systems. Actively engaged in professional development, he has participated in numerous FDPs and workshops on cutting-edge topics such as AI, Blockchain, Web3, and IoT Security, showcasing his dedication to research, innovation, and technological advancement in computer science.

Mrs. Anju Gopi

Mrs. Anju Gopi is an emerging researcher in Machine Learning, Cybersecurity, and Cloud Technologies. She has contributed notable works, including a patent on "Drone-Enabled Machine Learning for Air Quality Forecasting," a book chapter on "Intelligent Learning Analytics," and research on Deep Learning for Anti-Phishing and Retinopathy detection. She has also enhanced her expertise through multiple FDPs and certifications from EXCELR, NPTEL, KL University, and Brain O Vision, reflecting her commitment to innovation and excellence in computer science.

Mr. G Bharath Kumar

Mr. Gunrathi Bharath Kumar Goud is a dedicated educator and researcher in emerging technologies. He has completed multiple FDPs in Blockchain, Business Analytics, NLP, Computer Vision, and Machine Learning, reflecting his commitment to continuous learning. His research focuses on AI, pattern recognition, and algorithmic innovations, and he is the primary author of a book on machine learning. Bharath Kumar is also a co-inventor of IoT-based devices for weather monitoring, disaster prevention, and healthcare management, highlighting his contributions to practical technological solutions.

Mrs. K Sunandha

Mrs. K Sunandha is a committed academician with notable achievements in research and publication. She has authored three books, contributed one book chapter, published two IEEE papers, and holds one patent. Her work reflects a strong dedication to advancing knowledge and promoting innovation in computer science and engineering.

Mrs. S. Mineesha

Mrs. S. Mineesha has contributed to the field of computer science through her research publications in reputed journals. She has published two papers with IEEE, highlighting her dedication to advancing innovation and academic excellence in emerging technologies.

Mr. S. Manikandan

Mr. S. Manikandan is an experienced researcher and academic in cloud computing, data communication, and networking. He has presented internationally, including at ICDCST 2015 in Sri Lanka, and published on IP traceback, DDoS detection, and cloud migration. Actively involved in organizing conferences, FDPs, and webinars on AI and IoT, he combines research, teaching, and innovation to enhance academic excellence.

Mrs. Ch. Pravalika

Mrs. Ch. Pravalika is a researcher and educator in Machine Learning, Cybersecurity, IoT, and AI. She has authored textbooks, published IEEE papers on personalized learning, cybersecurity, and economic prediction, and holds patents in cyber attack detection and automated e-commerce solutions, with several more submitted. Actively participating in workshops and FDPs, she is committed to innovation and bridging the academia-industry gap.

Mr. Lokesh Konathala

Mr. Lokesh Konathala is a researcher with interests in mobile networks, social network analysis, and AI-driven healthcare solutions. His publications include a Springer conference paper on "Authentication-Only Distributed Verification Routing Protocol for Mobile Ad-Hoc Networks" (2024), a paper on factor-aware diffusion models in social networks in Dogo Rangsang Research Journal (2022), and a study on AI and Blockchain for medical data protection in the Journal of Advanced Zoology (2023).

Mrs. Pragathi B

Mrs. Pragathi B is a researcher specializing in AI, Machine Learning, and Virtual Reality applications in healthcare and education. Her work includes the detection of Follicular Thyroid Cancer using YOLOv5, achieving 98% accuracy and demonstrating deep learning's potential in early diagnosis. She holds patents for Code-chef Cards, a platform for competitive programmer analytics, and SecureShield, an AI-based phishing detection solution. Pragathi has also explored the transformative role of Virtual Reality in medical education, highlighting immersive simulations for clinical and nursing training.

Mrs. M. Shivapriya

Mrs. M. Shivapriya aims to contribute effectively to organizational growth while pursuing a challenging career that leverages her creative skills, knowledge, and potential. She has made significant academic contributions, including patents for a "Device for Brain Tumor Diagnosis Using Machine Learning and Sensors" and an "IoT-Based Camera for Healthcare Management." Her publications include a Scopus-indexed paper on cloud system performance and cost evaluation, and a book titled "A Dive into Machine Learning's Transformative Algorithms" published in December 2023.

Mrs. Ch. Pushpa Latha

Mrs. Ch. Pushpa Latha is a researcher specializing in power systems optimization and social network analysis using Machine Learning and NLP. Her publications include a Scopus-indexed paper on economical load scheduling in power systems (JESA, 2019) and a study on detecting fake profiles on social networks (IRJMETS, 2025).

Mrs. E. Amruthavarshini

Mrs. E. Amruthavarshini is a dedicated faculty member with a strong academic and research background. She has presented two papers at IEEE Conferences —"Traffic Signs Recognition Using R-CNN" and "Observation on the Theory of Digital Signatures and Cryptographic Hash Functions." She has been ratified by JNTUK during her tenure at Vignan's Nirula and by JNTUH at MRIET. Additionally, she has completed a Python NPTEL course, participated in six Faculty Development Programs, one workshop, and possesses practical knowledge of NBA work, reflecting her commitment to continuous professional growth and academic excellence.

Mr. M. Sakthivel

Mr. M. Sakthivel, B.E., M.E., (Ph.D), is a distinguished researcher and academician with numerous contributions in the fields of Artificial Intelligence, Deep Learning, and IoT. He has presented multiple IEEE papers at prestigious international conferences, including ICEAT, ICECA, and ICSSAS, focusing on healthcare innovation, smart agriculture, and intelligent systems. His impactful research has led to several Scopus-indexed journal publications and three authored books covering neural networks, machine learning, and computer networks. He also holds multiple Indian patents in AI-based fault detection, electric vehicle optimization, and railway safety systems. His work reflects a strong commitment to advancing technology-driven solutions for real-world challenges.

Mrs. Heera Shaik

Mrs. Heera Shaik is an accomplished researcher and educator in machine learning and computer vision. She has authored two books and contributed a book chapter on Convolutional Neural Networks in Medical Imaging (Quing Publications). She has also earned three professional certifications, reflecting her commitment to continuous learning and academic excellence.

Student
ACHIEVEMENTS

MAHATMA JYOTHIBHA PHULE TELANGANA BACKWARD CLASSES WELFARE RESIDENTIAL EDUCATIONAL INSTITUTIONS SOCIETY

CERTIFICATE

This is to certify that chi / kum _Vyshnavi_ of _____ class MJPTBCWR School (G) _Hyderabad_ has participated / has won 1st, 2nd prize in _3rd prize 4x100m_ the Junior / Senior category in

STATE LEVEL GAMES & SPORTS MEET FOR JUNIORS & SENIORS GIRLS - 2019-20

held from 17th to 19th, November, 2019 at MJPTBCWR SCHOOL JAIDEVPUR - Girls @Pulla Reddy Engg College, Wargal, Siddipet Dist.

Department of Electrical and Electronics Engineering
JNTUH University College of Engineering Science & Technology Hyderabad
Kukatpally, Hyderabad-500085

CERTIFICATE
Of Participation

This certificate is presented to

KATTA VAISHNAVI

For participating in the quiz conducted by Department of Electrical and Electronics Engineering JNTUH-UCESTH as part of PRAGNYA

Dr. K. Bhaskar
Head of Department
EEE

Dr. G. Venkata
Narasimha Reddy
Principal

ARJUN COLLEGE OF TECHNOLOGY & SCIENCE
(AN UGC AUTONOMOUS INSTITUTE)

APPROVED BY AICTE, AFFILIATED TO JNTUH, ACCREDITED BY NAAC
MOUNT OPERA PREMISES, BATASINGARAM (V), ABDULLAPURMET (M),RR DIST,(T.S)

SYNERGY 2K25-THE ANNUAL DAY

CERTIFICATE
OF ACHIVEMENT

BEST AWARD

THIS CERTIFICATE IS PROUDLY PRESENTING TO

MR / MISS _K. Vaishnavi (Diploma 3rd year ECE)_
FOR SECURING THE _2nd Rank_

YOUR DEDICATION, PERSEVERANCE, AND COMMITMENT TO EXCELLENCE HAVE BEEN TRULY COMMENDABLE. WE HONOR AND APPRECIATE YOUR OUTSTANDING ACHIEVEMENT.

* KEEP STRIVING FOR EXCELLENCE *

SECRETARY

PRINCIPAL

K Vaishnavi
II CSM C

Ms. K. Vaishnavi secured 2nd rank in her Diploma (3rd year ECE) at Arjun College of Technology & Science, showcased her technical enthusiasm by participating in a quiz competition at JNTUH-UCES, and exhibited athletic spirit by winning 3rd prize in the 4x100m relay at the State-Level Games & Sports Meet (2019–20).

MALLA REDDY COLLEGE OF ENGINEERING

CERTIFICATE OF APPRECIATION

This certificate is proudly presented to _Ravirala Meghana_
roll number _24Q91A66H9_ branch/section _CSM-C_ from the department of Humanities & Sciences, for securing **100% attendance** during B. Tech 1st year - 2nd semester in 2024-25 academic year.

DR. SNEHA JOSHI
HoD, H&S

DR. M ASHOK
Principal, MRCE

R Meghana
II CSM C

Ms. Ravirala Meghana was awarded a Certificate of Appreciation for securing 100% attendance during the B.Tech 1st Year – 2nd Semester (2024-25 academic year).

G. Vivek Gagan
III CSM C

Mr. Gone Vivek Gagan represented Hyderabad Cricket Teams in U-14 (2019–20), U-19 (Cooch Behar Trophy 2022–23), and U-25 (Col. C.K. Nayudu Trophy 2022–23) tournaments.

Dheeravath Manoj
II CSM A

Dheeravath Manoj has won the prize in the Kho-Kho competition at the Inter-School Senior Level.
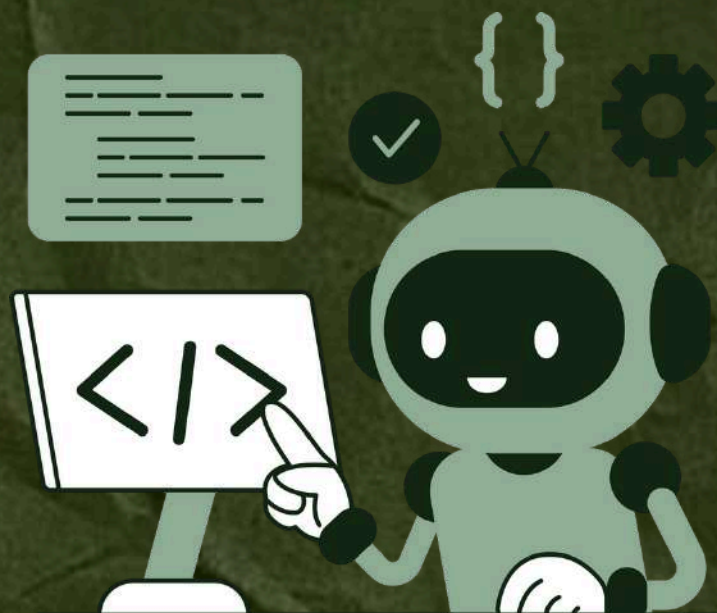
EVENTS

DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING
(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Highlights of Creativity, Innovation, and Excellence

2025

CODE-CON

CODE CON

The primary purpose of the workshop was to equip students with foundational knowledge of Artificial Intelligence and its practical applications in today's technology-driven world. It aimed to bridge the gap between academic learning and industry demands by providing hands-on exposure to real-world AI concepts. Through interactive sessions led by IBM trainers, the workshop encouraged critical thinking, ethical understanding, and innovation, empowering participants to apply AI tools responsibly confidently in their future professional endeavors.

The workshop held significant importance in fostering a forward-thinking academic culture where students could gain insights into the rapidly evolving AI industry. It emphasized the need for developing both technical and interpersonal skills essential for modern careers. By collaborating with IBM Skills Build, students gained valuable exposure to industrial expertise and real-time problem-solving approaches. The sessions also promoted teamwork, adaptability, and creativity, preparing participants to navigate future technological challenges with confidence and a sense of responsibility toward ethical AI development.

Code Con was a dynamic event aimed at testing participants' coding, logic, and problem-solving skills through competitive programming challenges. It provided a platform for students to showcase their technical talent, learn from peers, and engage in collaborative innovation. The event promoted analytical thinking, teamwork, and creativity while enhancing coding efficiency, ultimately inspiring participants to embrace challenges and advance their technical expertise in a competitive yet supportive environment.

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CODE CON WINNERS

In the Code-Con challenge, lines of code became a language of victory, proving that mastery in tech is the ultimate triumph.

In the fiercely competitive "Code-Con" event, the dynamic duo of Sangamesh and Ram Charan from CSD-A, both second-year students, emerged as the deserving winners. Their impressive technical knowledge and collaborative problem-solving skills allowed them to navigate through the challenging rounds, securing the top spot in this ultimate tech showdown.

The runners-up were K. Sruthi and K. Sriya, a formidable team from AIDS-A in their third year. Their performance in the timed coding challenges and trivia rounds was consistently strong, showcasing their deep understanding of programming concepts. They put up a valiant effort, narrowly missing the first-place position.

VerboFiesta

An Exciting Verbal Arena

VerboFiesta

VERBO FIESTA, a dynamic verbal arena hosted by the Plexus Club, was an exhilarating showcase of communication prowess. Students battled through a series of engaging challenges designed to sharpen their public speaking, debating, and creative thinking abilities. From the structured arguments of a formal debate to the impromptu sales pitches in "Commercial Time," participants demonstrated their quick wit and persuasive skills. The event also featured the clever wordplay of "Word Weave" and the rapid-fire responses of the classic "JAM" (Just a Minute) competition. Each round pushed participants to think on their feet, proving that true verbal dexterity isn't just about what you say, but how you say it. This event successfully highlighted the importance of clear communication and critical thinking in a fun, competitive environment.

Winners & Runners

Words have power. In the Verbo Fiesta, we saw how that power can persuade, create, and inspire.

In the JAM event, Roshan from CSM-A, a first-year student, took first place. The runner-up was Sharan from CSM-B, a third-year student. This fast-paced event challenged participants to speak on a topic for one minute without any hesitation, repetition, or deviation, testing their quick thinking and verbal fluency.

For the Commercial Time event, the winner was S. Lipika from CSM-B, a second-year student. K. Shiva, a third-year CSD student, was the runner-up. This competition required participants to use their persuasive skills to sell a randomly chosen item within three minutes, highlighting their creative and quick-witted advertising abilities.

The Debate competition saw two winning teams: Lahari and her team from ECE (first year) and Bhagya Lakshmi and her team from CSD (first year). The runner-up teams were led by Aksheetha from CSM-B (third year) and K. Shiva from CSD (third year). This event focused on testing persuasive arguments and public speaking skills.

Verbofiesta

PROJECT EXPO

SHOWCASING IDEAS
SHAPING INNOVATION

Visista 2025
Project Expo

The VISISTA 2K25 Project Expo, held on February 21, 2025, at the MRCE campus, provided a vital platform for students to showcase their technical prowess. Under the theme of "Transforming Thoughts into Reality," the event brought together young innovators who demonstrated their ability to convert creative ideas into practical technological solutions. This exposition was made possible by the guidance of esteemed patrons, including Sri. Ch. Malla Reddy, Founder Chairman of MRGI, and other prominent leaders. The event was meticulously organized by a dedicated team of faculty and student coordinators, led by Dr. Anantha Raman G R, who ensured a smooth and successful execution from start to finish.

The expo featured a wide array of projects spanning key technological domains such as Artificial Intelligence, Data Science, Robotics, and the Internet of Things (IoT). Participants demonstrated their technical skills and problem-solving capabilities by developing innovative solutions to real-world challenges. Projects ranged from an "IoT-based efficient battery monitoring system for E-vehicles" and a "Driver drowsiness detection" system to a "Safe & Inclusive Communication Chatbot." These demonstrations highlighted the students' ability to apply theoretical knowledge to practical applications, enhancing their technical and analytical skills. The event also showcased a diverse range of affiliations, including MRCE and MRIET students.

The VISISTA 2K25 Project Expo had a profound impact on the participants and the institution. A panel of industry experts and faculty members evaluated the projects based on criteria like innovation, feasibility, and presentation skills, with top projects receiving special awards. Beyond the competition, the expo served as a crucial networking hub where students interacted with experts and peers, gaining valuable feedback and mentorship. This exposure not only boosted the participants' confidence in presenting their solutions but also inspired them to pursue further research and professional collaborations. The event successfully strengthened MRCE's reputation as a center for technical excellence and a breeding ground for future innovators.

PROJECT
EXPO

IBM ®

SKILLS BUILD WORKSHOP

IBM SKILLS BUILD WORKSHOP

The Department of Computer Science and Engineering at Malla Reddy College of Engineering, in collaboration with IBM Skills Build, organized a three-day workshop on Artificial Intelligence fundamentals from June 4–6, 2025. Led by IBM Technical Youth Trainers Mr. Vignesh Kumar Gondla and Mr. Sreekanth Karlapati, the workshop aimed to equip students with industry-relevant AI skills and ethical understanding. Covering topics like Machine Learning, NLP, and Deep Learning, it fostered innovation, adaptability, and teamwork. With over 180 participants, the sessions encouraged collaboration and problem-solving through interactive activities, including chatbot design, promoting creativity and readiness for future technological challenges.

Cherishing Bonds, Creating Memories

The IBM Workshop focused on providing foundational and practical knowledge in Artificial Intelligence and its customer service applications. Participants gained expertise in AI fundamentals, machine learning, NLP, and model deployment using IBM Watson Studio. They explored ethical and societal implications of AI, developed collaboration and self-learning skills, and built a chatbot as a capstone project. Successful participants earned IBM-recognized digital badges and certificates, enhancing their employability in AI-related careers.

Gender
Sensitization
WORKSHOP

GENDER SENSITIZATION WORKSHOP

Seminar on Gender Sensitization – A Step Toward Inclusive Education

The Department of Artificial Intelligence and Machine Learning, in collaboration with the Plexus Group, successfully conducted a five-day seminar on "Gender Sensitization" from 13th to 17th March. This impactful initiative sought to dismantle gender stereotypes, promote equality, and encourage empathy among students and faculty members.

The program featured expert-led sessions, interactive workshops, real-life case discussions, and open forums, allowing participants to engage in thoughtful dialogue on issues such as workplace inclusivity, gender bias, media representation, and societal roles in technology.
The seminar fostered awareness, sensitivity, and responsibility toward building an equitable community. Attendees gained valuable insights into fostering respectful environments and addressing gender challenges with empathy and collaboration. The event marked a significant step toward holistic education.

About the Speaker – Dr. V. Charumathi

The seminar was graced by Dr. V. Charumathi, an esteemed academician and social researcher. Holding a Ph.D. in Sociology from the University of Madras (2022), her research centered on "Reproductive Health Knowledge and Practices among Tribal Women in Krishnagiri District, Tamil Nadu." With over eight years of teaching experience at Queen Mary's College, Chennai, Dr. Charumathi has actively contributed to gender and community development through her work with NGOs like MYRADA and the Tamil Nadu State AIDS Control Society. Her expertise and dedication added immense value to the seminar's vision of fostering inclusivity and awareness.

PARENT TEACHER MEETING

2ND & 3RD YEARS

PTM

During the recent parent-teacher meeting, parents actively participated in a lively discussion on the academic performance of 3rd-year students, celebrating their achievements and recognizing the toppers of the batch. The session highlighted areas for growth and explored ways teachers and parents can collaborate to support students' learning. Opportunities such as research projects, internships, and skill-building workshops were discussed to help students maximize their potential. The meeting concluded with an open exchange of ideas and feedback, reinforcing a shared commitment to student success.

Roll number	Name	SGPA	Section
22Q91A6621	Gadila Durgeshwar	9	A
22Q91A6602	A Vyshnavi	8.65	A
22Q91A6648	Parnandi Vishnu Vardhan	8.5	A

22Q91A6699	Medagani Amarakumar	9.2	B
22Q91A6665	Aishi Jain	9.05	B
22Q91A6673	Bejjanki Sanjay Kumar	8.8	B

22Q91A66G2	Madunala Vaishnavi	9.05	C
22Q91A66E3	Dundijalla Ashritha	9	C
22Q91A66H0	Nadimetla Keerthana	9	C
22Q91A66F0	Kankanala Kavya	8.9	C
22Q91A66H5	Ponna Srinidhi	8.9	C

3ʳᵈ years

PTM

The recent parent-teacher meeting also focused on the academic progress of 2nd-year students, honoring their achievements and acknowledging the batch toppers. Parents and teachers discussed strategies to support continued growth and explored opportunities such as skill-building workshops, project involvement, and collaborative learning initiatives. The session concluded with an open exchange of feedback, reinforcing a joint effort to help students reach their full potential.

Roll number	Name	SGPA	Section
23Q91A6651	R Srinidhi	8.55	A
23Q91A6646	Nyathari Madhav	8.25	A
23Q91A6621	Ganji Sowmya	8.2	A

23Q91A66A5	Rapelli Swasthik Laxman	8.15	B
23Q91A6605	Bheemavaram Chandrakala	8.15	B
23Q91A6688	Koppisetti Bharathi Devi	8.05	B
23Q91A6673	Chinthala Pavan Kumar	8	B

23Q91A66F0	Kandula Rakshitha	8.4	C
23Q91A66F3	Madipelly Srimaye	8	C
23Q91A66I0	Thangella Varshini	8	C
23Q91A66C3	Akunuru Vyshnavi	7.9	C
23Q91A66C7	Bhavana Muni	7.9	C

2nd years

ACCELERATORS & INCUBATION

The event "Accelerators and Incubation: Pathways for Students, Faculty & Early-Stage Entrepreneurs" offers a roadmap for turning ideas into successful ventures. It explains how accelerators and incubators help validate ideas, develop products, enter markets, and scale businesses. Targeted at students, faculty, and early-stage entrepreneurs, the session includes expert talks, panels, and case studies, highlighting mentorship, funding, networking, and workspace support. The goal is to empower attendees to build sustainable, impactful startups and contribute to technology-driven societal progress.

Accelerators and Incubation: Pathways for Students, Faculty & Early-Stage Entrepreneurs" event on August 1st will help attendees transform their innovative ideas into successful ventures. Through expert talks and real-world case studies, the session will demystify the roles of accelerators and incubators, providing a clear roadmap for securing mentorship, funding, and the support needed to navigate the entrepreneurial journey.

Incubators and accelerators play key roles in fostering innovation. Incubators support early-stage ideas in a flexible environment, helping students and faculty turn projects into viable ventures. Accelerators, on the other hand, are intensive programs that provide mentorship, funding, and investor networks to rapidly scale startups. The "Accelerators and Incubation" event will guide attendees through expert talks, panels, and case studies, helping them understand these programs, prepare strong applications, and build sustainable, impactful ventures.

INTERNATIONAL CONFERENCE

The 7th International Conference on Engineering and Advancement in Technology (ICEAT-2025) was successfully hosted by Malla Reddy College of Engineering on the 27th and 28th of June 2025. The event was organized in collaboration with Samarkand State University, Uzbekistan, and Manipal University College, Malaysia.

ICEAT-2025 provided an excellent platform for scholars, researchers, academicians, and industry experts from across the globe to share their insights and innovations in various domains of engineering, science, and technology. The conference featured engaging keynote sessions, paper presentations, and discussions on emerging technologies that are shaping the future of global research and development.

From our department, student coordinators **Harshaaditya, Prem, Manoj, Aishi, Parthiban, Guna Ranjan, Taaha, Swasthik, and Akshitha** played a vital role in organizing and managing the event. Their teamwork, enthusiasm, and leadership significantly contributed to the smooth execution and grand success of the conference.

Semester
READINESS PROGRAM

The faculty of our department recently conducted the Semester Readiness Program, a dedicated initiative designed to prepare them for the upcoming academic term. The program emphasized effective curriculum planning, innovative teaching strategies, and the integration of modern learning tools to enhance classroom experiences. Faculty members engaged in interactive sessions that encouraged collaboration, knowledge sharing, and the exchange of best practices. By addressing both academic and student-centric approaches, the program ensured that teachers are better equipped to foster meaningful learning outcomes. This collective effort reflects the college's commitment to academic excellence and to providing students with a well-rounded, enriching semester.

LEADERSHIP INSIGHTS

The Semester Readiness Program (SRP) is a structured academic initiative designed to orient and empower faculty members ahead of each new academic term. It serves as a strategic platform to ensure that all educators are aligned with the institution's vision, mission, and academic goals.
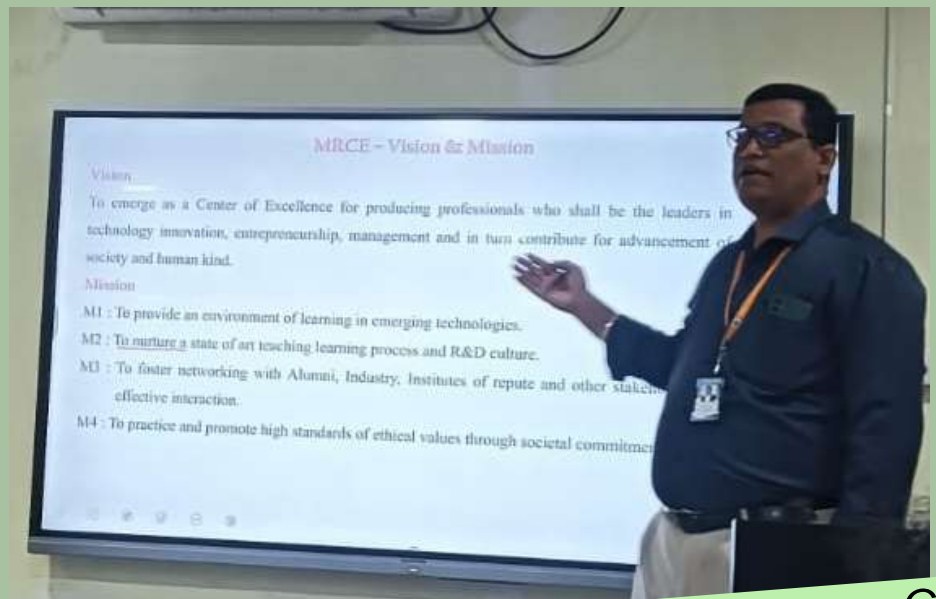
Dr. Anantha Raman G R

The program's primary objective is to enhance teaching effectiveness by fostering preparedness, innovation, and reflective practice among the faculty. Through a series of insightful sessions, workshops, and collaborative discussions, the SRP bridges the gap between planning and implementation, ensuring a smooth and impactful start to every semester.

Throughout this program, the proffessors engaged in sessions focused on effective study techniques, time management, stress reduction, and familiarization with campus resources.

Dr. V Vivekanandhan

The goal was to start the semester with confidence, clear goals, and a solid plan to manage your workload efficiently. The faculty were encouraged to actively participate and take full advantage of this opportunity.

Dr. K Vamshi

This gives an opportunity to brush up on some basics and learn about all the support available on campus.

Dr. K.Shanthi Latha

Dr.Raju B

This was also a chance to refresh any foundational knowledge needed, ask questions, and set clear goals for this term.

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OUR FACULTY

Building a Foundation for a Productive Semester

The Semester Readiness Program provided an excellent platform for teachers to realign themselves with the academic vision and objectives of the institution. It served as a bridge between semesters, allowing faculty members to review previous outcomes, reflect on their teaching practices, and plan innovative approaches for the upcoming term. The sessions were thoughtfully designed to promote academic excellence and holistic student development.

G Bharath Kumar

Mr. M Anand
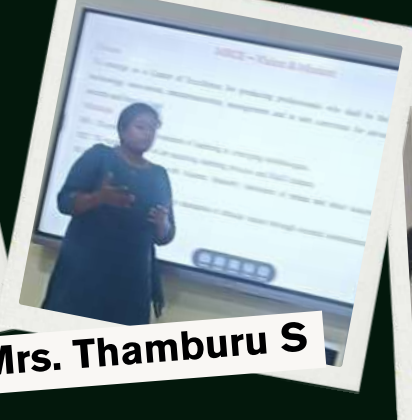
Mrs. Thamburu S

Mss.G Sowmya

Mrs. Rajee Josan

Mr. Srikanth Shekka

Mr. Manivannan S

Mrs. S Mineesha
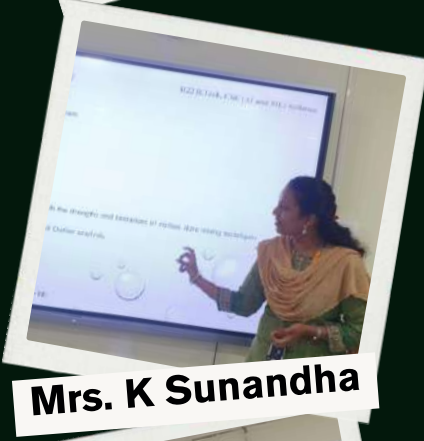
Mrs. K Sunandha

Mrs. Ch. Pravalika

Mr. S Manikandan

Mrs. Anju Gopi

48
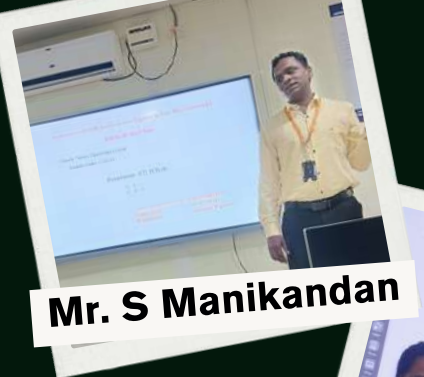
Mrs. D Rama Devi

Mr. R Venkatesh

Faculty Potluck

"Strengthening bonds and sharing smiles—beyond classrooms and through shared harmony."

The department of CSM organized a Faculty Potluck Gathering to celebrate the spirit of collaboration and strengthen the bond among faculty members. The event provided a refreshing break from the regular academic routine, allowing the staff to engage in meaningful conversations and share their culinary talents. Each faculty member contributed a homemade dish, turning the occasion into a delightful spread of diverse flavors and traditions.

The afternoon was filled with laughter, warmth, and camaraderie as colleagues came together not just as educators, but as a close-knit family. The potluck served as a reminder of the department's commitment to fostering harmony, teamwork, and mutual appreciation–values that extend beyond the classroom and into the heart of the institution.

The gathering concluded with heartfelt exchanges of appreciation and cheerful conversations that reflected the strong sense of unity within the department. Events like these not only rejuvenate the faculty but also inspire a collaborative spirit that continues to enrich the academic environment throughout the year.

PLEXUS
The Heartbeat of Transformation

Plexus, the official club of the CSM department, serves as a vibrant hub for students passionate about technology, innovation, and creative problem-solving. The club provides numerous opportunities for members to develop both technical and non-technical skills through workshops, hackathons, coding competitions, and interactive sessions. Beyond skill-building, Plexus emphasizes teamwork, leadership, and collaboration, encouraging members to take initiative, mentor peers, and engage in meaningful projects. By exploring the latest trends in computing, software development, and emerging technologies, the club nurtures an environment where innovation thrives, preparing students to excel in academics, industry, and entrepreneurial ventures.

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CLUB ASSOCIATION

- **Chairman:** Dr. Anantha Raman G R
- **Director:** Mr. R Venkatesh
- **President:** N Parthiban – 4C
- **Vice President**: Arvind Singh – 3C
- **Secretaries:** Aishi Jain – 4B
                Dileep Kumar – 4B
- **Joint Secretary:** Jahnavi – 3A
- **Associate Secretary**: Taaha – 3C

Members of Association:

- Druvika – 4A
- M Vaishnavi – 4C
- Lochani – 3A
- Swasthik – 3B
- Vishnu – 3C

Technical Club Heads

- R Aksheetha – 4B
- P Guna Ranjan – 4B

Non-Technical Club Heads

- E Deepika – 4B
- G Akshitha – 3C

DESIGN CLUB HEADS

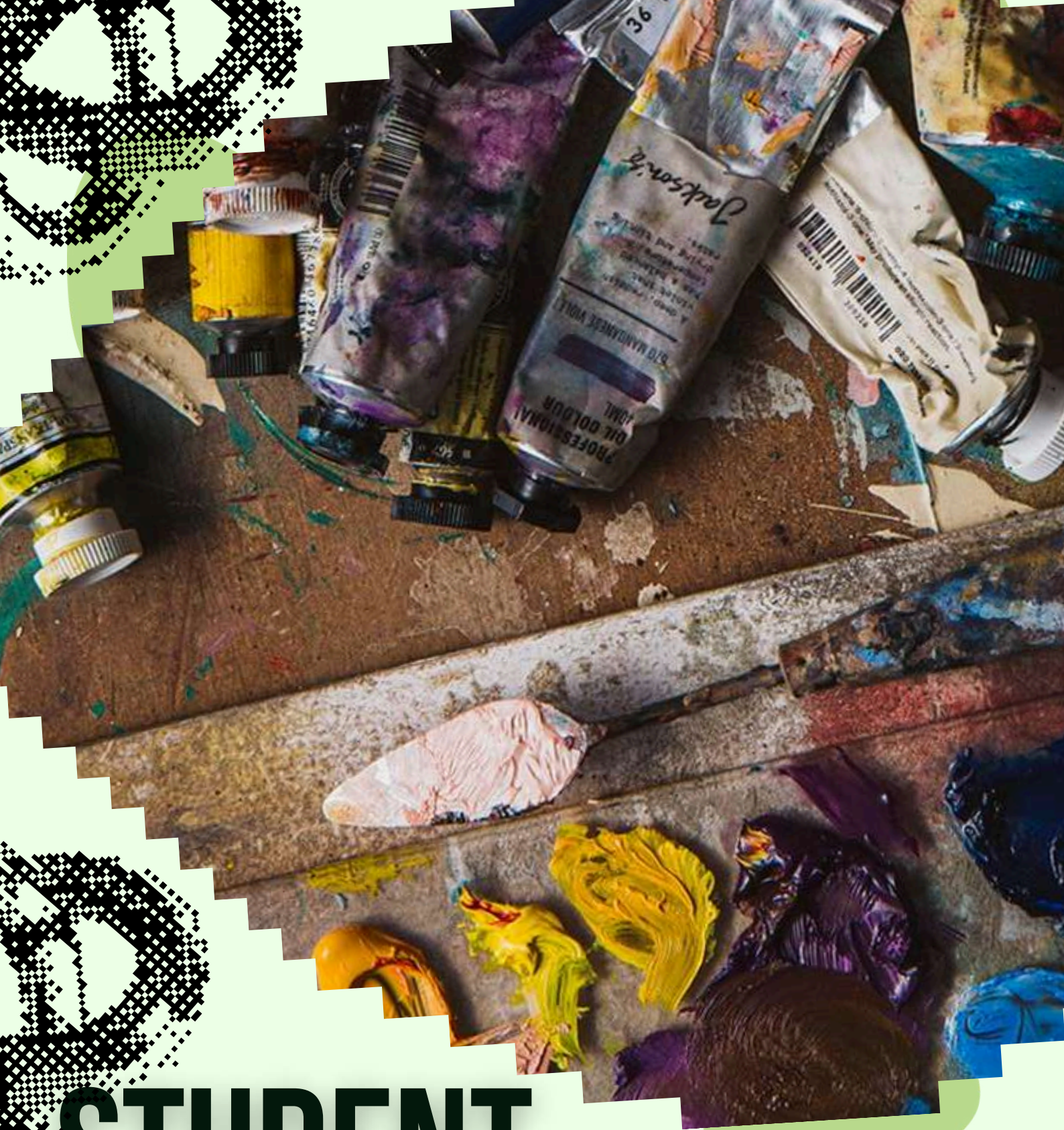- Dimple Yadav – 4B
- Harsh RB – 4B

SOCIAL MEDIA HEADS

- Dimple Yadav – 4B
- Harsh RB – 4B

SPORTS CLUB CLUB HEADS

- G Chareeth Kumar – 4C
- Venkatesh – 4A

STUDENT
INSIGHTS

"Innovations Driving a Sustainable Future"

In today's rapidly evolving world, sustainability has become one of the greatest challenges of our time. As industries and communities worldwide strive to balance growth with environmental protection, **Artificial Intelligence (AI)** is emerging as a powerful ally in building a smarter and greener planet. From reducing energy consumption to improving agricultural productivity, AI is driving innovation that benefits both people and the planet.

AI is playing a major role in tackling environmental challenges - optimizing energy usage, reducing waste, improving agriculture, and predicting climate patterns. With every step towards smarter solutions, we move closer to a greener and more balanced world where innovation and sustainability go hand in hand. Smart grids powered by AI help minimize wastage and ensure efficient energy distribution. Similarly, in **agriculture**, AI assists farmers by analyzing soil conditions, monitoring crops, and forecasting weather. This approach, known as precision farming, increases yield while conserving water and minimizing harmful chemical use. Predictive algorithms help manage inventory efficiently, reducing waste and lowering carbon emissions.

Poojitha Annaram
IV CSM B

"Artificial Intelligence -
Powering a Greenery Tomorrow "🌱✨

AI also contributes significantly to **climate change research**. By analyzing satellite imagery, AI models detect deforestation, predict natural disasters, and monitor air and water quality with remarkable accuracy. Such insights empower governments and organizations to act promptly in protecting natural ecosystems. Moreover, companies worldwide are using AI to design innovative **sustainable supply chains and products.** Emerging solutions are helping organizations reduce impact and work smarter.

Developing energy-efficient AI models and ensuring ethical data use are vital steps towards building truly sustainable and responsible digital future.

AI enables intelligent decisions, and these powerful capabilities are now being harnessed to solve some of the world's most complex societal issues.

In the field of **energy management**,AIsystemspredict electricity demand, optimizepowerusage,andsupport renewable energy integrationsuchassolarandwind. These innovations continuetoredefinehowindustries operate. **In conclusion**,ArtificialIntelligenceisnotmerely a tool for automation-itisakeytocreatingaharmonious balance between technologyandnature.Withinnovative thinking and responsibleapplication,AIcanhelpuscode a better, cleaner tomorrow.

> "Let's code a cleaner, smarter planet -
> one algorithm at a time."🌍💻

The Rise of Generative AI: Beyond ChatGPT

Artificial Intelligence (AI) has become a part of our everyday lives, and one of its most exciting areas is Generative AI. Tools like ChatGPT, DALL·E, and Gemini can create text, images, and more, making learning, working, and creating easier and more innovative than ever before.

B.Chandu
III CSM C

Generative AI is a type of AI that creates new content like text, images, music, or code. Tools such as ChatGPT, DALL·E, Synthesia, and GitHub Copilot show how it can write, design, make videos, and assist in programming like a human.

Generative AI is transforming fields like healthcare, education, entertainment, design, and software by creating data, personalizing learning, generating art, improving designs, and helping programmers work faster.

Generative AI offers great opportunities but also raises issues like content ownership, misinformation, and privacy. It's important to use it responsibly, balancing innovation with ethics.

In the future, AI will act as a creative partner, helping humans make better decisions and enhance creativity and efficiency rather than replacing them.

Generative AI is transforming how we create, communicate, and work. While ChatGPT made it popular, its potential goes far beyond chatbots, shaping a future where humans and AI collaborate to explore new ideas and innovations.

5G and the Internet of Things: A Smart World Ahead

Technology is rapidly evolving, with 5G and the Internet of Things (IoT) driving a smarter, more connected world.

Understanding 5G:
The fifth-generation network offers ultra-fast speed, smooth streaming, and connects many devices seamlessly.

What is IoT?
IoT links everyday devices like watches, cars, and appliances to share data and make life easier.

When 5G Meets IoT:
Together, they enable smart homes, smart cities, real-time healthcare, and smart farming.

Why It Matters:
They make life faster, safer, and more efficient while saving time and resources.

Challenges:
Privacy, security, and high setup costs remain key concerns.

Conclusion:
 5G and IoT are shaping a smarter, more connected, and efficient future for everyone.

10x Decrease in latency: Delivering latency as low as 1 ms.

3x Spectrum efficiency: Achieving even more bits per Hz with advanced antenna techniques.

10x Connection density: Enabling more efficient signaling for IoT connectivity.

100x Traffic capacity: Driving network hyper-densification with more small cells everywhere.

Ch.Vishnu
III CSM C

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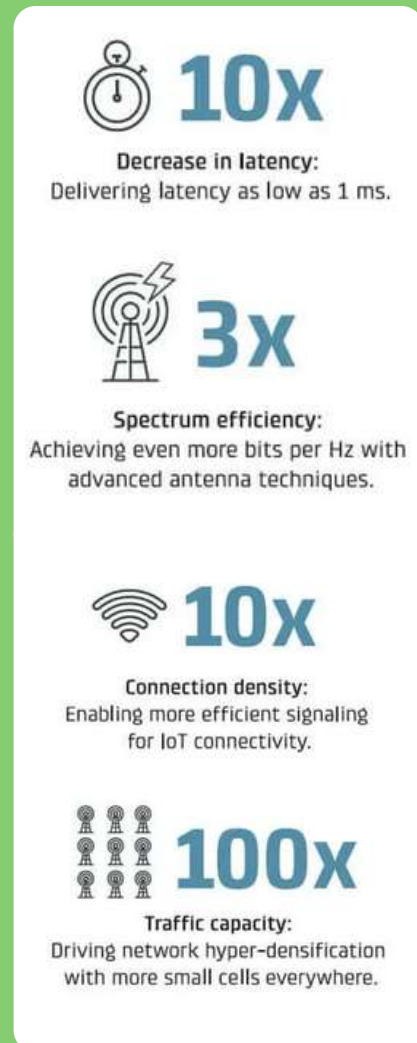
Role Played by AI in Contemporary World Politics

Surveillance and face recognition technology are also being used to maintain law and order, which again pose a challenge to the privacy and freedom of individuals. Remaining balanced between security and human rights is also turning out to be one of the most difficult problems faced by AI is no longer a machine learning technology – it is a political catalyst redefining the manner the world governs, competes, and communicates. Nations will have to make AI work for mankind with fairness, with transparency, and in peace.

Artificial Intelligence (AI) is transforming modern society significantly, with its influence on the process of politics growing ever stronger. Originally envisioned as a technological innovation, it has become a powerful tool that shapes governance, electoral processes, and diplomatic relations.

Political campaigns have become more dependent on data analysis in modern digital society. Voter trends are monitored by artificial intelligence, targeted advertising is generated, and slogans are created for political campaigns. Even though communication is increased in efficiency, the risk of misinformation, such as fake news and deepfakes, arises, misleading voters and undermining democratic values.

Artificial Intelligence has emerged as a growing epitome of strength in the world of international politics. Nations like the United States, China, and Russia are engaged in a competition to become the best in terms of AI technological advances in defence, cybersecurity, and influence across the world. The world leader in AI research is bound to not only gain economic supremacy but also strategic dominance across the world.

World governments are applying artificial intelligence to process information, rate citizen requirement predictions, and build improved policy-making decisions. In most places, such as providing welfare and city planning, AI aids policymakers in faster and more accurate decisions. But growing dependence on the algorithm raises key questions about fairness, bias, and political process responsibility.
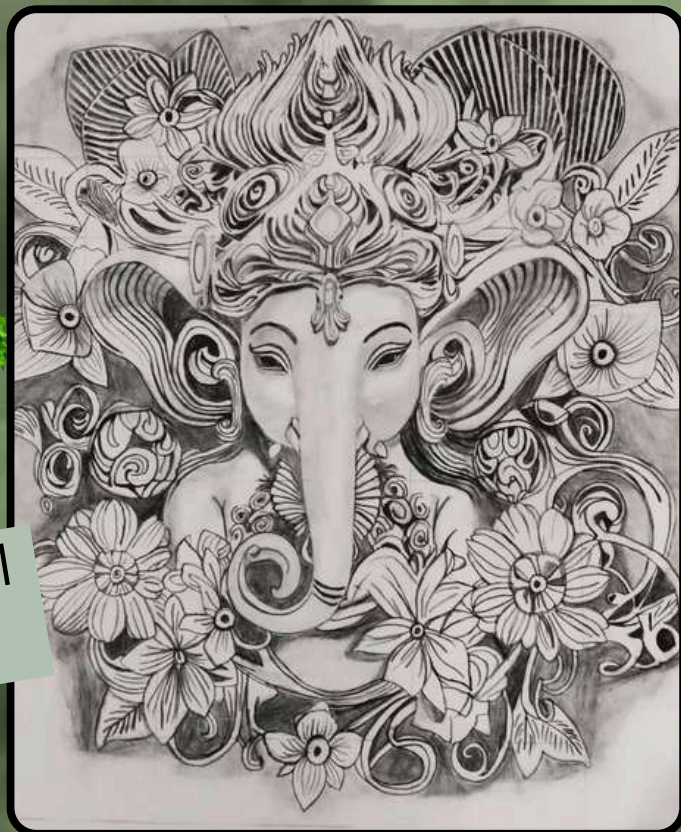
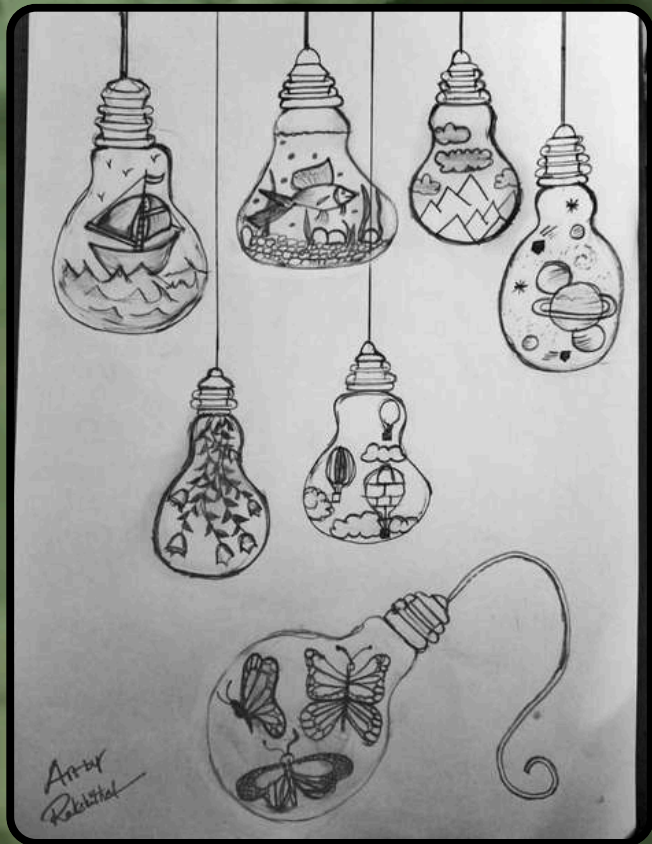K.Pranith Krishna
II CSM B

55

Gajula Nikhil
IV CSM B

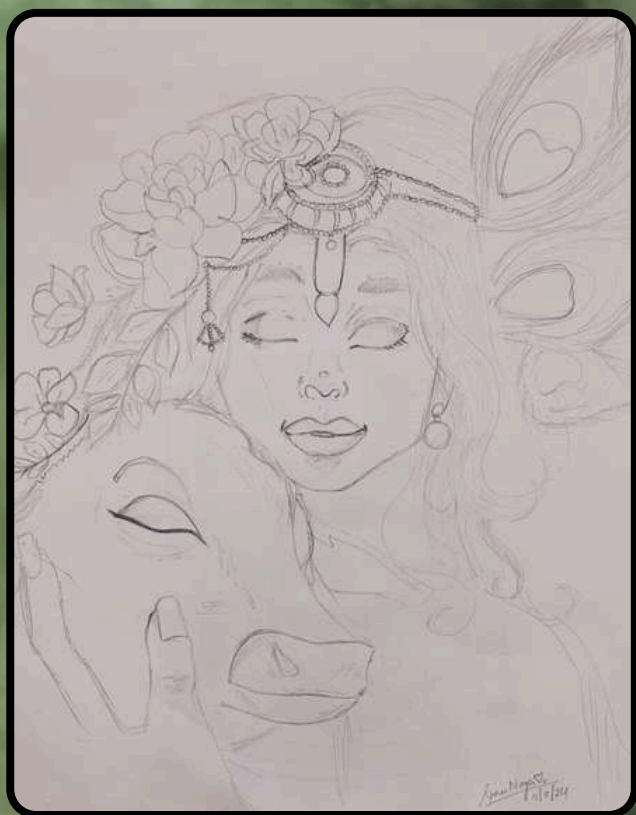
Aishi Jain
IV CSM B

M. Jahnavi
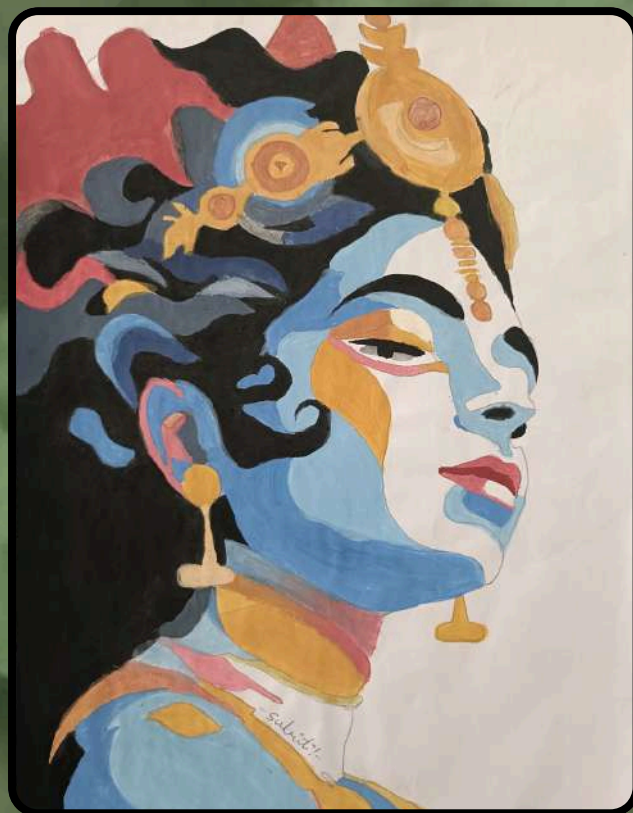III CSM A

Rakshitha
III CSM C

57

Lochani
III CSM A

Shree Naga
II CSM C

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Sukriti
II CSM C

MANDALA ART

Art by :
E. Jasnavi

E. Jasnavi
II CSM B

59

Yashwanth Kumar
III CSM B

Code and Colour

I once dreamed of colours, not just code,
Of songs, not syntax, of roads untold.
But life compiled a file not mine,
And I pressed run, following another line.

Parents smiled, "A bright career," they said,
I smiled too, though my dreams lay dead.
Each semester, each grade, I try to hide,
That silent war I fight inside.

Between logic and longing, I often freeze,
Lost in loops, I've misplaced my keys.
The world sees marks, not what I miss —
A canvas replaced by lines like this.

Yet deep inside, I still believe,
Someday my dreams will find reprieve.
Maybe one line of code will glow,
And whisper softly, "It's okay to grow."

Even if this path wasn't my start,
I'll write my story, line by heart.
Colours may fade, songs may sleep,
But I'll keep my dreams, however deep...

Drowned in You

I wanna hug you and say,
I've drowned so deep into you, hey.
So let me die for the way you slay
and play.

Those cuts turned into the darkest
shades of grey,
Yet I've found myself breathing a
bit okay.

Like lovers do, I promise to stay,
Even if you push me away.

And babe, I'll be waiting at the bay
—
Let's watch the sunset, listening to
Lana Del Rey.

I'll take out the diamond ring
straight away,
Say yes, and I'll marry you that day.

K.Sanjay
II CSM C

T.Varshini
III CSM C

Rayan Mohammad
Arif II CSM A

Without You ...

Hi Amma,❤️
To enlighten you about my love ,I'm sharing insights into my eternal
affection for you 💌
Without you...
I couldn't have stepped into this world 👣🌍
without you...
 I wouldn't be this pretty💖
 without you...
 I couldn't have faced my struggles 🌈
without you...
 I wouldn't know the taste of love and care 🤗
 without you...
I couldn't be myself 💫
without you...
I wouldn't have known the beauty of sacrifice ❤️🔥
without you...
I couldn't have learned patience from anyone else. 🕊️
Finally, without you...
Even a path of roses is paved with thorns — it's you, always you...
My lucky charm 🍀
So remember —
👧 Your baby girl's got your back, always
🤝 I'll hold your hand through every hurddle
❤️ You are my heart, My peace,
✨ My serenity ,My reason to believe...
📜 You are the poem I live every day.
🌈 My forever love in every way. 💞

The Unyielding Path"

Life unveils its trials, endless in design,
From tender youth to aged spine.
In halls of study, restless nights we tread,
Chasing fleeting dreams where hopes are led.

The world demands, and toil never sleeps,
From exam's shadow to the office's heaps.
A fragile heart beneath ambition's glare,
Fears whisper, "What if none of it is fair?"

Yet onward moves the soul, though weary, torn,
Through storms of doubt, through nights forlorn.
Responsibilities weigh like anchors deep,
Yet courage wakes when despair would creep.

Man cannot yield, though shadows loom,
Strength rises where the darkest thoughts bloom.
For life's true measure is the will to endure,
And hope eternal, steadfast and pure.

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EDITORS
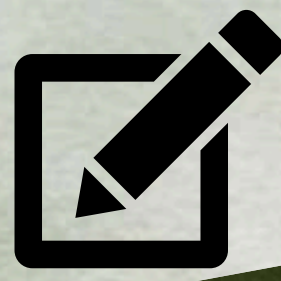
AISHI

DIMPLE

HARSH

SRUTHI

PURUSHOTTAM

62

NIDHI

RAKSHITHA

KEVIN

MATTHEW

SHIKHARA

MALASRI

HYMAVATHI

DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING
(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

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HYDERABAD

PLEXUS

MALLA REDDY COLLEGE OF ENGINEERING

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