

2026 MUSINGS

AN ODE TO PENMANSHIP



MUSINGS



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MESSAGES

Musings 2026

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Prof. T. Kishen Kumar Reddy

B.E. (Osm), M.Tech. (IIT-M), M.S., Ph.D. (Drexel, USA)
PDF (Southern Illinois University, Carbondale, USA)

Vice-Chancellor



MESSAGE

It gives me immense pleasure to extend my warm greetings to the Management, Principal, Faculty, Staff, Students, and Alumni of Mahatma Gandhi Institute of Technology (MGIT) on the occasion of the Annual Day celebrations, **NIRVANA-2026**, and the release of the College Magazine **MUSINGS-2026**.

An Annual Day is not merely a celebration of achievements but a reflection of collective commitment, perseverance, and excellence. It is a moment to acknowledge milestones, recognize talent and reaffirm the institution's dedication to academic distinction and holistic development.

MGIT has consistently upheld high standards in technical education, nurturing young minds with strong academic foundations, ethical values and a spirit of innovation. The release of **MUSINGS-2026** is a testimony to the creativity, intellectual vibrancy and literary expression of students and faculty. A college magazine serves as a mirror of institutional culture—capturing ideas, aspirations, research insights and the dynamic energy of campus life.

In today's rapidly evolving technological landscape, engineers must go beyond technical proficiency. They must cultivate critical thinking, adaptability, interdisciplinary knowledge and above all, a sense of social responsibility. I encourage students to strive for excellence not only in academics but also in research, innovation, entrepreneurship, and community engagement. Let your learning be purposeful and your ambitions guided by integrity and service to society.

As affiliated institutions play a pivotal role in strengthening the academic ecosystem of JNTUH, I am confident that MGIT will continue to scale greater heights, contributing significantly to technological advancement and nation-building.

I congratulate the editorial team of **MUSINGS-2026** for their commendable efforts and extend my best wishes to all students for a bright, successful, and meaningful future. Wishing **NIRVANA-2026** grand success

T. Kishen Kumar Reddy
Prof. T. Kishen Kumar Reddy

Musings 2026



Telangana Council of Higher Education

(A Statutory Body of the Government of Telangana)



Opp: Mahavir Hospital, Mahavir Marg, Masabtank, Hyderabad- 500028.

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PROF. V. BALAKISTA REDDY
LL.M; M.Phil; Ph.D.(JNU)
CHAIRMAN



MESSAGE

It is a matter of great pride and pleasure for me to convey my sincere greetings to the Management, Principal, faculty, and students of Mahatma Gandhi Institute of Technology (MGIT) on the occasion of the release of **MUSINGS-2026** during the Annual Day celebrations, **NIRVANA-2026**.

Education is not merely about acquiring degrees, but about developing character, creativity, confidence, and commitment. **MUSINGS-2026** reflects the spirit of young minds that dare to think differently, explore new ideas, and express themselves with courage and conviction. Such platforms nurture leadership, innovation, and social responsibility among students.

In today's dynamic and competitive world, engineers are expected to be problem-solvers, innovators, and nation-builders. I request the students to dream big, work with discipline, and pursue excellence with integrity. Embrace emerging technologies, cultivate critical thinking, and remain committed to lifelong learning. Remember that true success lies not only in professional achievements but also in contributing positively to society.

Every challenge you face is an opportunity to grow. With perseverance, dedication, and self-belief, you can overcome obstacles and transform your aspirations into reality. Let your education empower you to create solutions that improve lives and strengthen our nation.

I appreciate the efforts of the editorial team and faculty members who have guided students in bringing out this inspiring magazine. I am confident that **MUSINGS-2026** will motivate students to explore their potential and strive for higher goals.

Warm Regards,

Prof. V. Balakista Reddy

Musings 2026



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Website: www.tgche.ac.in, E-

mail: secretary@tgche.ac.in, secretarytgche@gmail.com

PROF. SRIRAM VENKATESH
SECRETARY



MESSAGE

It gives me great pleasure to extend my warm greetings to the faculty and students of Mahatma Gandhi Institute of Technology (MGIT) on the occasion of the release of the college magazine **MUSINGS-2026**, coinciding with the Annual Day celebrations **NIRVANA-2026** on 27th February 2026.

Engineering education is not merely about earning a degree; it is about cultivating a problem-solving mindset driven by innovation, perseverance, and social responsibility. In today's rapidly advancing technological landscape, I urge students to remain inquisitive, pursue lifelong learning, and consistently uphold the values of integrity and diligence.

A college magazine serves as an excellent platform for students to express their creativity, ideas, and intellectual depth. I commend the Editorial Team and the Principal for their sincere efforts in bringing out this impressive edition. I wish all the students every success in their academic pursuits and future careers.

Warm Regards,

Prof. Sriram Venkatesh



Indian Institute of Technology Hyderabad Kandi, Sangareddy, Telangana

**Prof. B.S Murty,
Director, IIT Hyderabad.**



MESSAGE

I convey my heartfelt congratulations to Mahatma Gandhi Institute of Technology (MGIT) on the release of the annual institutional magazine, **MUSINGS-2026**, brought out as part of **NIRVANA-26**. I extend my best wishes to the faculty and students for continued excellence, with a renewed emphasis on innovative learning practices, interdisciplinary research, and a strong culture of entrepreneurship.

I firmly believe MGIT has tremendous potential to shape and inspire young entrepreneurs who can meaningfully contribute to the nation's economic progress and social development. At the same time, students should strive to build future-ready competencies aligned with fast-evolving global technologies, while also remaining actively involved in co-curricular and extracurricular pursuits.

It gives me immense pleasure to see MGIT students participating enthusiastically in various clubs and forums, where their interests are nurtured and their talents are refined. May **MUSINGS-2026** reflect the vibrant spirit, creativity, and achievements of the MGIT community, and serve as an inspiring platform for many more such accomplishments.

With my best wishes,

With my best wishes,
Prof. B S Murty
Director, IIT Hyderabad.

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Smt. Neelayyagari Padma
Chairperson, CBES



MESSAGE

Warm greetings to the entire MGIT family.

It gives me immense pride and happiness to witness **NIRVANA-2026**, which has evolved from a modest beginning into a flagship celebration that reflects the vibrant spirit, talent, and values of our institution. I am equally delighted to welcome you to this edition of our college magazine, **MUSINGS-2026**, released alongside our much-awaited annual fest. Together, these two initiatives stand as true symbols of the creativity, enthusiasm, and collective energy of our campus community.

A college fest is much more than a series of events; it is a powerful platform where ideas take shape, talents find expression, and friendships grow stronger. It encourages students to step beyond the boundaries of classrooms, discover their hidden potential, and celebrate diversity through culture, innovation, and teamwork. The dedication and commitment shown by our students and faculty in bringing **NIRVANA-2026** to life are truly commendable.

MUSINGS-2026 serves as a mirror of the dynamic intellectual and cultural environment of MGIT. Every page captures the voices, thoughts, and aspirations of our students, highlighting not only their academic excellence but also their creativity, leadership, and social responsibility. I sincerely congratulate the editorial team for presenting such a meaningful and engaging publication.

I extend my heartfelt appreciation to all those who have contributed to making both the fest and the magazine a grand success. May these initiatives continue to inspire confidence, foster collaboration, and nurture a lifelong passion for learning. I wish all our students great success in their future endeavours and hope this celebration creates lasting memories for years to come.

With Warm Regards,
Smt. N. Padma
Chairperson, CBES

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Sri. J. Pratap Reddy
Secretary & Correspondent, MGIT



MESSAGE

Dear Students, Faculty, and Esteemed guests

It is a privilege and honour to be part of the MGIT family during **NIRVANA-2026**, a festival that vividly reflects the cultural richness, youthful energy, and creative spirit of Hyderabad. As one walks through the campus during this celebration, the enthusiasm, discipline, and sense of purpose demonstrated by our students are clearly evident. **NIRVANA-2026** stands as a powerful reminder that education extends far beyond classrooms and laboratories; it is equally shaped by creativity, collaboration, leadership, and the confidence to express one's ideas and identity.

What is particularly commendable is the wide spectrum of opportunities provided to students through this fest. Events such as Live Jive, Voice Hunt, Dramatics, and Walk of Fame offer platforms for students to showcase their artistic and performing talents, while the literary, artistic, and technical competitions encourage critical thinking, innovation, and intellectual curiosity. The off-stage events—including exhibitions, short film screenings, food stalls, and the creative flea market—add a unique dimension to the festival, making it inclusive, vibrant, and welcoming for participants and visitors alike.

Dear students, as you immerse yourselves in the performances and competitions, I urge you to also reflect on the invaluable lessons you gain along the way. Working as teams, leading initiatives, managing time, and meeting deadlines help you develop essential life skills such as teamwork, adaptability, effective communication, mutual respect, and accountability. These qualities are the true hallmarks of successful professionals and responsible citizens, and they will serve you well in every stage of your future.

I extend my sincere congratulations to the entire **NIRVANA-2026** organizing team for upholding this proud tradition with dedication and excellence. By inviting participation from institutions beyond MGIT, you have strengthened cultural exchange, broadened perspectives, and reinforced the spirit of community engagement. I wish the organizers a smooth and successful programme and hope that the audience carries home not only cherished memories, but also inspiration, recognition, and a renewed sense of purpose.

With Warm Regards,
Sir J Pratap Reddy
Secretary & Correspondent, CBES



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Grade: A++



Accredited

Prof. G. Chandramohan Reddy

B.Tech(Mech),M.Tech(M/c Tools),Ph.D
FIE,CE(I), ASME, ASI, ISTE, ISME and TSI

PRINCIPAL



MESSAGE

“The future belongs to those who prepare for it today.” – Malcolm X

In a world that is constantly evolving and where excellence is the benchmark, striving to be the best is not merely an aspiration—it is a way of life. At MGIT, this belief forms the foundation of everything we do, from academics and extracurricular activities to fostering creativity, nurturing character, and strengthening soft skills. To strive for excellence is to embark on a journey of continuous growth, learning, and self-improvement.

Excellence is not about perfection; it is about commitment, perseverance, and the willingness to embrace challenges. It lies in learning from experiences, adapting to change, and having the courage to innovate. MGIT is driven by a shared vision to cultivate these qualities in every student, preparing them not just for success in their careers, but for meaningful contributions to society.

As we move forward on this inspiring journey, we remind ourselves that excellence is not about competing with others, but about constantly challenging ourselves to grow and evolve. It is about being better today than we were yesterday and inspiring those around us to aim higher.

NIRVANA is not merely a celebration; it is a true reflection of the vibrant spirit of MGIT. It is a dynamic platform that empowers students to discover their potential, express their creativity, and showcase their talents. It gives me immense pleasure to extend my warm greetings to all students, faculty members, and staff for **NIRVANA-2026**, our annual cultural festival.

I am delighted to witness students taking ownership of every aspect of the fest with enthusiasm and responsibility. May **NIRVANA-2026** continue to strengthen campus unity, promote cultural exchange, and inspire each one of you to pursue excellence in both academics and self-expression. I wish you all a memorable and spectacular celebration.

With Warm Regards,
Dr. G. ChandraMohan Reddy
Principal, MGIT

Musings 2026



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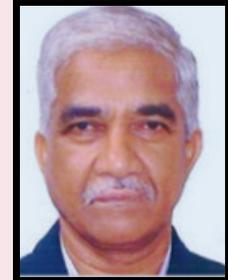


Grade: A**



Accredited

Dr. K. Sudhakar Reddy
Vice-Principal, MGIT



MESSAGE

On behalf of Mahatma Gandhi Institute of Technology, Hyderabad, I am pleased to welcome you to **NIRVANA-2026**, our flagship cultural festival. **NIRVANA-2026** is the most valued celebration of the academic year because it showcases our students' imagination, courage to perform, and the ability to organise with precision.

This fest offers a dynamic platform where talent finds its voice and appreciation. From the energy of Live Jive and the melody of Voice Hunt to the creativity of Dramatics and the elegance of Walk of Fame, each event tests student's confidence and collaboration. The campus transforms into a lively cultural hub with painting displays, short-film screenings, food stalls, and a vibrant flea market—taking **NIRVANA-2026** far beyond a conventional stage experience. Such experiences develop communication, leadership, time management and problem-solving skills that complement students' academic learning.

I take pride in the student leadership qualities behind the scenes – planning schedules, coordinating teams, managing logistics and ensuring that every participant feels welcomed and part of MGIT family.

Let us celebrate the sporting spirit of MGIT, support one another generously, and welcome the guests and participants from other institutions with open hand and heart. I congratulate the Organizing Committee and all volunteers, and I wish every participant All the Best. May **NIRVANA-2026** bring best memories and well-deserved awards for excellence.

With Warm Regards,
Dr. K. Sudhakar Reddy
Vice-Principal, MGIT

Musings 2026



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Grade: A++



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Dr. V.Venkat Ramayya
Faculty Advisor,
HoD, Civil Engineering Department



MESSAGE

It is a matter of pride and privilege for me to compile this year edition **MUSINGS-2026**, which symbolizes the remarkable achievements and significant mile stones of journey of MGIT in professional education. MGIT was established in 1997 by the Chaitanya Bharathi Educational Society (CBES), is one of the premier engineering institutions in Telangana, known for its excellent academic track record and commitment to value-based education. CBES, founded in 1979 by an eminent group of visionaries, set out with a mission to create “Temples of Knowledge” with a strong motto of “Knowledge is Power” to nurture future generations.

The term NIRVANA is a philosophical word and it describes a state of non-dual consciousness, liberation and emancipation where there is no suffering. As per the ancient texts, Ignorance is the root cause of all suffering. Overcoming one’s own ignorance is a doorstep to the state of NIRVANA.

The students in MGIT are empowered with requisite knowledge, skills and attitude. The learning process will equip the students to excel in Cognitive, psychomotor and affective domains. Students have to equip themselves to overcome all obstacles, challenges and extreme situations of life.

In MGIT, NIRVANA is the culmination of all student activities encompassing Curricular, Co-curricular and extracurricular domains. Throughout the year, students participate in various activities which would enhance their knowledge, develop skills and cultivate right attitude.

MUSINGS, is a magazine released on the annual day, on 27th February 2026 depicts the collective achievements of students, faculty and staff in all domains viz. cognitive, psychomotor and affective domains of Education.

I am thankful to our Management, Principal and Vice-Principal for entrusting the task of compilation of this year edition, **MUSINGS-2026**. I congratulate all Academic toppers for securing medals and winners and participants of various cultural and sports events. I acknowledge the efforts of team Musings and thank for their unwavering support in bringing out this edition **MUSINGS-2026**. I wish NIRVANA-2026 would turn out to be a grand success.

With warm regards,
Dr. V. Venkat Ramayya,
HoD, Civil Engineering Department
Faculty Advisor, MUSINGS-2026

ACKNOWLEDGEMENTS

We are delighted to present this year's edition of our college magazine, **Musings-2026**. This magazine is a collection of creative artworks, thoughtful articles, and heartfelt poems, brought to life through the dedication, creativity and passion of our entire team and our students! Each and every page of it is a reflection of collaboration, artistic expression, and the unique perspectives contributed by every individual involved.

We would like to express our sincere gratitude to the Management for their continuous support and guidance throughout the making of this collection of memories. Their encouragement has been a constant source of motivation and their invaluable resources played a crucial role in ensuring the quality and informative nature of this publication.

We extend our heartfelt thanks to our Principal, G. ChandraMohan Reddy and Vice-Principal, Dr. K. Sudhakar Reddy whose valuable insights and unwavering support have been instrumental in this journey. Their support, both practical and moral, was essential in making this journey successful. We are thankful to our Faculty Advisor, Dr. V. Venkata Ramayya, HoD, CIVIL for his guidance and valuable suggestions.

We also wish to thank our dedicated Student Editorial Board. Their passion, resilience, and attention to detail have been the backbone of this publication. Their tireless work in curating, editing, and refining the content has ensured the successful realization of this magazine. We extend our appreciation to all contributors whose creativity and passion have made this magazine truly special.

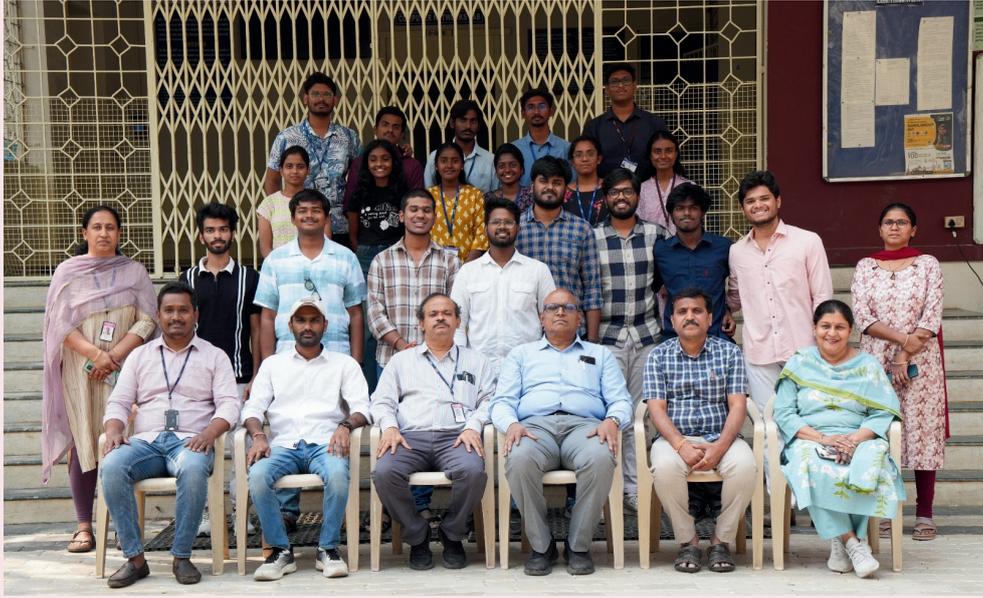
Finally, we extend our warmest appreciation to our readers. Your support and encouragement have motivated us to continually push the boundaries of creativity, and we hope that you find as much inspiration and joy in these pages as we did in creating them. We hope our readers find inspiration and joy in every page, just as much as we enjoyed creating it.

Thank you for being a part of this wonderful journey with us.

- Team Musings



TEAM MUSINGS



Faculty Editorial Team

Mr. A. Abhilash (CIVIL)

Mr. C. Mahesh (EEE)

Dr. V. Vijaya Bhaskar (MCT)

Dr. A. Navaneetha (ECE)

Ms. G. Naga Sujini (CSE)

Ms. Shaik Arshiya Julma (IT)

Ms. A. Swapna (Et)

Dr. M. Vijaya Lakshmi (MME)

Dr. G. Kumara Swamy (P&C)

Dr. Sujata Sonthalia (M&H)

Student Editorial Team

Sai Srujan (MME)

KVS. Sreekar (ECE)

R. Kanthi Sena (CSM)

K. Monasri (CSM)

CR. Manoj Kumar (CSM)

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V. Sanjay (ECE)

C. Ujwal (ECE)

B. Akshit (ECE)

M. Abhishek (ECE)

G. Sudiksha (CIVIL)

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G. Ashish (ME)

S. Akshita (MCT)

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M. Vaishnavi (CSE)

N. Apoorva (IT)

P. Rithik (CSBS)

S. Vishwanath (CSM)

N. Vaishnavi (CSD)

U. Sai Madhan (MME)

Musings 2026

Dear Readers,

With hearts aglow, radiant with pride and joy, we are pleased to present you this carefully and artfully composed edition of **MUSINGS-2026**. This occasion not only marks a reflection of our cherished annual fest, **NIRVANA-2026**, but also serves as a grand showcase of artistry, brilliance, and steadfast dedication devoted to the continued excellence of MGIT. "In every corner of our campus lies untapped creativity and **MUSINGS-2026** brings those hidden gems to light."

We extend our deepest gratitude to the talented souls who poured their creativity into these pages. Their expressive poems, articles, and glimpses into various perspectives on the world are the essence of MUSINGS, enriching it with authenticity, depth, and vibrant originality that reflects the true spirit of our college.

Additionally, we would like to thank our student editorial board for their zealous pursuit, which enabled us to infuse this edition with a youthful, colorful, and dynamic energy beautifully reflecting the spirited souls of our college community. As we turn each page of this magazine, may we be reminded of the strength found in unity, coordination, and teamwork.

We sincerely thank our Management whose unwavering support and visionary leadership have been instrumental in guiding us forward to excellence. Our heartfelt gratitude extends to our Principal, Dr. G. Chandra Mohan Reddy, Vice-Principal, Dr. K. Sudhakar Reddy and Faculty Advisor, Dr.V.Venkat Ramayya, HoD, CIVIL. Guided by their wisdom and inspired by their encouragement, we are able to bring this magazine to life, celebrating the creativity and brilliance of our college, MGIT.

May this edition serve as a fount of inspiration, igniting new flames of passion and fostering connections that will shape our future endeavors.

With warmest regards,
The Faculty Editorial Board

Musings 2026

Dear Readers,

Welcome to Musings 2026!

Musings 2026 captures the life, achievements, and memories of MGIT. Every edition is a tribute to the finesse of our students and their diligent efforts to make their aspirations recognized. This magazine is more than just a collection of articles written on paper. It's a vibrant showcase of voices, perspectives, and stories woven together with the rich fabric of our institution's community.

Musings-2026 stands as a testament to the power of our chronicle and the importance of fostering a culture of expression, dialogue, and innovation. It is a great honor to share these finely woven pieces of stories, each thread reflecting the brilliance, creativity, and passion that define our community. We hope these pages inspire you to spark new ideas and adopt a new frame of mind.

We extend our heartfelt thanks to the contributors whose artistry made **Musings 2026** an exquisite reality, faculty advisor for his guidance, and all the faculty coordinators for their constant encouragement. Working under them has been a wonderful learning experience. A special mention goes to our faculty editor, Dr. Sujata Sonthalia for her diligent and devoted mentorship which expedited the progress of this magazine. Thank you for your unwavering support and guidance for Musings 2026.

"These pages echo the milestones, challenges, and triumphs that shape our collective journey".

In appreciation and respect,
The Student Editorial Board

PRINCIPAL'S REPORT

NIRVANA marks the Annual Day celebrations of MGIT and represents the culmination of the academic, co-curricular, and extracurricular achievements of our students during the year. It is both an honour and a privilege to present this Annual Report before this distinguished gathering. As we celebrate **NIRVANA-2026**, we also take immense pride in completing 29 glorious years of academic excellence, growth, and meaningful contribution to technical education.

From its humble beginning with just three undergraduate programs, MGIT has steadily evolved into a premier institution offering 11 undergraduate and 5 postgraduate programs, with a sanctioned intake of 1020 in UG and 90 in PG courses. Over the years, the institute has built a strong academic foundation supported by 238 dedicated teaching faculty and 162 committed non-teaching staff. The presence of 100 doctoral faculty members significantly strengthens our academic rigor and research capabilities, fostering a culture of inquiry, innovation, and continuous improvement.

MGIT remains steadfast in its commitment to deliver quality education through a student-centric approach. We firmly believe that progress is achieved by embracing change, adapting to emerging trends, and aligning academic practices with global standards. Our academic ecosystem promotes critical thinking, problem-solving, interdisciplinary learning, and ethical responsibility, enabling students to emerge as competent professionals and responsible citizens.

Academic and Research Excellence

Research and innovation form the backbone of institutional growth. During the academic year 2025–26, MGIT organized 8 FDPs/STTPs, 1 International Conference, 9 workshops, 23 industrial visits, and 35 expert talks across various departments. These initiatives provided valuable exposure to both faculty and students in emerging areas of science and technology.

Our faculty members published 127 research papers in reputed national and international journals and conferences indexed in SCI, Scopus, IEEE, and Web of Science. In addition, 19 patents were published during this academic year, reflecting our growing research output and innovative pursuits. JNTUH recognized 72 faculty members as approved research supervisors for Ph.D. programs, which is a significant academic milestone for the institution. I congratulate six faculty members from EEE, CSE, IT and ET for obtaining their PhDs in this academic year.

Principal's Report Contd...

Strengthening institutional collaborations remains a priority. During this year, MGIT signed a Memorandum of Understanding with the National Institute of Electronics & Information Technology (NIELIT) to enhance skill development, technical training, internships, and bootcamps in emerging technologies. Another MoU was signed with the University of Hyderabad to promote collaborative research, faculty exchange, and shared use of research facilities.

MGIT was rated AAA+ by Careers360 among India's Best Engineering Institutions, a recognition based on comprehensive evaluation of academics, infrastructure, research output, placements, and student satisfaction.

Students' Achievements and Innovation

Our students have consistently demonstrated excellence in academics, innovation, and competitive platforms at state and national levels. Five students were honoured with JNTUH Gold Medals as Best Outgoing Students (Batch 2020–2024), reflecting academic distinction across disciplines.

MGIT successfully hosted the National Hackathon for Smart India Hackathon (SIH) 2025, a prestigious national initiative promoting innovation and problem-solving. Two teams from MGIT qualified for the Grand Finale of SIH 2025, competing at the national level and showcasing their technical competence.

Students achieved top positions in national-level hackathons, ideathons, and innovation challenges conducted by reputed institutions. They secured prizes in competitions such as Krithoathon 3.0, Youth Conclave Ideathon, Youth Speak Global Goals Hackathon, and E-Summit events at premier institutes. These accomplishments reflect the innovative spirit and collaborative culture nurtured within the campus.

The ISTE Students' Chapter organized MAGISTECH-2025, a two-day National Level Technical Symposium conducted as part of Engineers' Day celebrations. The event witnessed participation from over 1100 students across the country, featuring technical competitions, project expos, quizzes, coding contests, and design challenges.

Training, Skill Development and Placements

In today's dynamic employment landscape, industry expectations extend beyond academic credentials to include technical proficiency, analytical skills, certifications, and real-world project exposure. Recognizing this shift, MGIT has developed a structured and comprehensive training and placement framework that integrates academic learning with professional skill enhancement.

Principal's Report Contd...

Students undergo intensive training in programming, aptitude, communication skills, emerging technologies, and certification-oriented courses. Industry internships, live projects, and domain-specific workshops further strengthen their employability.

As a result of these focused efforts, our students secured placements in prestigious multinational organizations such as Amazon, Deloitte, Siemens, Schneider Electric, Mahindra & Mahindra, Infosys, Cognizant, Zenoti, HCA Healthcare, and several other reputed organizations. These achievements reaffirm MGIT's commitment to nurturing industry-ready graduates.

Industry Interaction and Innovation Ecosystem

The Industry Institute Partnership Cell (IIPC) conducted 22 industry-oriented activities during the academic year, inviting experts from leading organizations to bridge the gap between academia and industry expectations. These initiatives provided insights into real-world challenges, technological advancements, and evolving market trends.

The Institute Innovation Council actively organized programs on Intellectual Property Rights (IPR), Technology Readiness Levels, entrepreneurship development, business model canvas workshops, start-up pitching sessions, and interactions with successful entrepreneurs. These initiatives foster a vibrant innovation ecosystem and encourage students to explore entrepreneurial pathways.

Student Support and Social Responsibility

The Women Development Cell (WDC) continued its mission of promoting safety, empowerment, and well-being of girl students and women faculty. Health camps, awareness programs, counselling support, and grievance redressal initiatives were conducted to ensure an inclusive and supportive campus environment.

The NSS unit organized socially relevant and nation-building activities including World Environment Day, International Yoga Day, Vana Mahotsavam, Blood Donation Camps, Free Eye Check-up Camps, National Youth Day, Drug Abuse Prevention Programs, and Road Safety Awareness campaigns. These initiatives embody the NSS motto, "Not Me, But You," instilling values of service and social commitment.

The Career Guidance Cell organized a Scholarship Guidance Help Desk and an On-Campus Study Abroad Education Fair to provide students with exposure to global higher education opportunities.

The Physical Education Department actively promoted sports through inter-departmental tournaments and successfully organized the annual sports fest "Ekalavya'26," encouraging sportsmanship, leadership, and teamwork.

Musings 2026

As we celebrate the accomplishments of this academic year, I extend my heartfelt congratulations to all medal winners, achievers, faculty members, and students who have contributed to the glory of MGIT.

I express my sincere gratitude to the Management for their unwavering support and vision, to the faculty and staff for their dedication and commitment, to our students for their relentless pursuit of excellence, and to the parents for their continued trust and encouragement.

Let us move forward with renewed determination to achieve greater milestones and uphold the legacy of excellence that defines MGIT.

Thank you one and all.

DEPARTMENT OF CIVIL ENGINEERING

Faculty Publications:

- N. Jivitha , A. Ramesh , V. VenkatRamayya , M. Kumar, “Synergistic Improvement of Stone Matrix Asphalt Mixtures Incorporating Reclaimed Asphalt Aggregates and Warm Mix Additives Using Multi-variate Analysis,” Jordan Journal of Civil Engineering, Volume 20, 2026.
- A Ramesh, V. Venkat Ramayya, P. Swojanya, V. Vinayaka Ram, “Synergistic enhancement of bituminous concrete mixture performance with polypropylene granule modified binder and rice husk ash as mineral filler substitute,” Journal of Traffic and Transportation Engineering (English Edition), Volume 12, 2025.
- Dr. T. Siva Sankar Reddy, Assoc. Professor , Civil Engineering Department, published Textbook on “Fundamentals of Civil Engineering,” Aqua Publication in December 2025.
- Dr.Palleboina Poluraju, Professor, Civil Engineering Department, published Textbook on “AI in Indian Construction Industry,” ISBN: 978-81-991476-7-6, AQUA Publications on 20th October, 2025.
- Dr. V. Venkat Ramayya et al, “Synergistic enhancement of Bituminous concrete mixture performance with Polypropylene Granule modified binder and Rice Husk Ash as mineral filler substitute,” International Journal of Traffic and Transportation, 2025, accepted for publication.
- Dr. V. Venkat Ramayya et al, “Synergistic Improvement of Stone Matrix Asphalt Mixtures Incorporating Reclaimed Asphalt Aggregates and Warm Mix Additives Using Multivariate Analysis,” Jordan Journal of Civil Engineering, accepted for publication 2025.
- Dr. S. Bala Padmaja, “Alginate-Modified Biochar Beads for Rhodamine B Removal: A Sustainable Approach to Water Pollution Control,” International Journal of Environmental Sciences, Vol. 11, 2025.
- Dr. M. Padmaja, “Alginate-Modified Biochar Beads for Rhodamine B Removal: A Sustainable Approach to Water Pollution Control,” International Journal of Environmental Sciences, Vol. 11, 2025.
- P. Neeraja, “Durability and mechanical characteristics of self healing fiber reinforced concrete,” Journal of Physics: Conference Series, Conf. Ser. 2779 012029, 2025.
- P. Sharada, “Life Cycle Assessment of geopolymers concrete using Flyash and Slag for sustainable infrastructure, Innovative Infrastructure Solutions,” Volume 10, article number 270, (2025), June 2025,
- Dr S Bala Padmaja, “A Simplified Evaluation to Analyze Seismic Stability of c- ϕ Backfill Carrying Uniform Surcharge: Non-Linear Backfill Response,” Transportation Infrastructure Geotechnology, June 2025

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- Abhishek Viswhvakarma, Dr. D. Tarangini, "Optimization of Geopolymer, Concrete Mix Design Using Response Surface Methodology (RSM) for Enhanced Compressive Strength in MINITAB," Journal of Engineering Sciences, Volume 16, June 2025.
- Dr. D. Tarangini, J.Navdeep, "Eco-friendly Concrete Using Bagasse Ash and Synthetic Fibres: A Taguchi Optimization Approach," Journal of Engineering Sciences, Volume 16, June 2025.

Patents Filed/Granted:

- Mr. G. Srinivas, AI assisted 3D-Printed Reinforced Concrete Structures for Rapid Construction, Patent Application No. 202541121426A published on 02-01-2026.
- Dr. S. Bala Padmaja, A Sustainable Concrete Composition Using Sawdust as Partial or Full Replacement For Fine, Patent Application No.202541106022A, published on 12-12-2025.
- Mr. G. Srinivas, Protection of underground pipeline systems using special infused soil cushioning-Polysterene Geofom, Patent Application No. 202541091127A, published on 24-10-2025.

Consultancy Projects Received:

The Consultancy cell has generated a revenue of Rs 43,556/- from various consultancy works undertaken in the form of material testing from four organizations.

Faculty Achievements:

- Dr. V. Venkat Ramayya, Assoc. Professor & HoD Civil Engineering Department has delivered a lecture on “Regression Modeling and Diagnostics,” in the Faculty Development Programme on “Data Analytics for Civil Engineering Research: Methods, Tools, and Application held during 8-12 December, 2025.
- Dr. T. Siva Sankar Reddy, Assoc. Professor, Civil Engineering Department, has delivered a lecture on “Fuzzy Logic Applications,” in the Faculty Development Programme on “Data Analytics for Civil Engineering Research: Methods, Tools, and Application,” held during 8-12 December, 2025.
- Dr. D. Tarangini, Assistant Professor, Civil Engineering department, completed NPTEL online 12 weeks course on “Municipal solid waste management,” by IIT Guwahati during July-Oct 2025.
- Dr. M. Padmaja, Assistant Professor, Civil Engineering department, completed NPTEL online 12 weeks course on “Integrated Waste Management for a Smart City,” by IIT Kharagpur during July-Oct 2025.
- Mr. A. Abhilash, Assistant Professor, Civil Engineering department, completed NPTEL online 12 weeks course with Elite+silver on “Introduction to Internet of Things,” by IIT Kharagpur during July-Oct 2025.
- Mr. A. Abhilash, Assistant Professor, Civil Engineering department, completed NPTEL online 12 weeks course on “Cyber Security and Privacy,” by IIT Madras during July-Oct 2025.
- Dr. D. Tarangini, completed NPTEL online 12 weeks course on “Municipal solid waste management,” by IIT Guwahati-November 2025.
- Dr. V. Venkat Ramayya was invited to chair a session in the conference on “Transportation Research Efforts for Ecological Sustainability – TREES 2025,” organized by Department of Civil Engineering, VNR Vignana Jyothi Institute of Engineering and Technology (VNR VJIET), Hyderabad September, 2025.
- Dr. Palleboina Poluraju published a Textbook on “AI in Indian Construction Industry,” ISBN: 978-81-991476-7-6, AQUA Publications on 20th October, 2025.
- Dr. V. Venkat Ramayya completed NPTEL course on Introduction to C Programming of 8 weeks duration with Elite plus Silver during September, 2025.

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- Dr. Palleboina Poluraju, completed Certificate Course on “Navarith: Certificate Course On Innovative Construction Technologies,” by Building Materials & Technology Promotion Council (BMTPC) – Ministry of Housing & Urban Affairs (Government of India, New Delhi) and School of Planning and Architecture, New Delhi on 20th September 2025.
- Dr. V. Venkat Ramayya, was reviewer for scrutinizing technical papers in the conference on “Transportation Research Efforts for Ecological Sustainability – TREES 2025,” Organized by Department of Civil Engineering, VNR VignanaJyothi Institute of Engineering and Technology (VNR VJIET), Hyderabad during September, 2025.
- Ms. K. Krishna BhavaniSiram as Faculty coordinator for MAGISTECH-25 organized CiviLinx, ConstructureGatecrasher, Poster presentation and Paper presentation competitions for students during MAGISTECH-2025 to commemorate the birth anniversary of Sir Mokshagundam Vishweswarayya on 15th September, 2025.
- Dr.V.Venkat Ramayya, Associate Professor & HoD is reviewer for Jordan Journal of Civil Engineering. Reviewed “Sustainable Pavement Solutions: Impact of Compaction Temperature on Organic Additive-Based Warm Mix Asphalt” June 2025.
- Dr.D.Tarangini, Mr.S.JayaprakashNarayana, Mr.K.GovindGoud, Ms.K Krishna BhavaniSiram , Mr.A.Abhilash and Dr.T.SivaSankar Reddy attended FDP of 5 days during 21-04-2025 to 25-04-2025 on “Applications of Composites and Nano Fillers in Civil Engineering” organized by CBIT
- Dr.D.Tarangini has successfully completed 12-week NPTEL Course on “Maintenance & Repair of Concrete Structures” Jan-Apr 2025.

Events Organized

- A National Level Technical Symposium CINFRA-2026 was organized during 12-13 February, 2026
- A one week online Faculty Development Programme (FDP) on “Data Analytics for Civil Engineering Research: Methods, Tools and Applications,” was conducted during 8-12 December, 2025.
- MAGISTECH-25 was organized on 3-4 September 2025 featuring events such as CiviLinx, Constructure Gatecrasher, Poster presentation and Paper presentation competitions for students to commemorate the birth anniversary of Sir Mokshagundam Vishweswarayya on 15th September, 2025

Student Achievements

- Yalamandala SreeKarthikeya participated in Grand Finale in SMART INDIA HACKATHON on 8th to 9th December 2025 at Rajalakshmi Engineering College, Chennai
- Yalamandala SreeKarthikeya received 3rd position in YOUTH SPEAK GLOBAL GOALS HACKATHON, IIIT Hyderabad.
- On the Occasion of INAE Youth Conclave held by Anurag University on 20th September, 2025, the Final Year students of Civil Engineering Department, Rahul Yadav, Umesh Chandra and Burhanuddin have won first prize in the IDEATHON competition among 155 teams participated across India and won a Cash Prize of Rs. 20,000/-
- Maddeveni Narendar won 2nd prize in "Civillinx: The puzzle Block" event, in MAGISTECH 2025, organized by ISTE student Chapter during 3-4 September, 2025.
- Chintha Pranathi secured 1st position in Poster Presentation event in MAGISTECH 2025, organized by ISTE student Chapter on 3-4 September, 2025.
- Ms. J. Yogeshwari was selected for the position of Traffic Engineer – Design at AR Engineering, June 2025.
- Ms. P. Sreeja, a B-tech CIVIL Engineering Graduate(2023-2024), secured an outstanding CGPA of 8.17. In recognition of her exceptional academic performance, she was awarded the Gold Medal for Best Outgoing Student among all JNTUH-affiliated colleges in June 2025.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PhD Awarded

Mr. Ch.Vinay Kumar received Doctor of Philosophy for the Thesis entitled “Analysis of the Performance of BLDC Motor using Advanced Soft Computing Techniques,” from JNTUH, Hyderabad on 22-08-2024.

Events Organized by the Department:

- The Department organized One Week Online Faculty Development Programmes on “3D’s (Digitalization, De-carbonization and De regulation) in Electrical Engineering,” from 11-03-2024 to 15-03-2024 by
 1. Dr. B.Koti Reddy Scientific Officer, Dept. of Atomic Energy, Ashwapuram
 2. Dr.D.Sreenivasa Rao, Associate Professor ,EED, NIT, Warangal
 3. Mr.G.Mahesh Kumar, DE, TSSPDCL, Hyderabad
 4. Mr.T.Sreedhar, ADE, TSSPDCL,
 5. Mr.A.Raj Kumar, Chief Manager, SRLDC, Bangalore
- The Department conducted Workshop on “Electric Vehicle Technology & Battery Management System,” for IV & VI Sem EEE Students on 13-03-2024 & 14-03-2024 by EV Retron Energies India Pvt Ltd, Hyderabad.
- The Department conducted a Hands on Training Program on “Drone Technology” for IV & VI Sem EEE Students on 15-03-2024 & 16-03-2024 by A.Gourav, Accel UAV Pvt. Ltd, Hyderabad
- The Department conducted a guest lecture on “Introduction to Power System Analysis using ETAP software,” on 19-06-2024 by Dr.B.Koti Reddy, Scientific Officer, Heavy Water Plant, Manugluru.
- The Department conducted a guest lecture on “BioSensors Development” on 20-06-2024 by Dr. Shiv Govind, HoD, IIT , Hyderabad.
- The Department organized a one day training Program on “ Solar Energy Technology” for I and III Sem students on 20-11-2024.
- The Department organized a Technical Fest “Potenzia 2.0”m 2024 on 22-11-2024.



Faculty achievements

Research Activities by the Faculty:

- Dr. P. Nagasekhar Reddy, "An intelligent speed control of BLDC motor," in Journal of Non-linear Analysis and Optimization(JNAO), January 2024.
- Dr. P. Nagasekhar Reddy, "Field oriented control of DFIG based wind energy system using batter system storage," in OD Journal, January 2024.
- Dr. P. Ram Kishore Kumar Reddy, "Adaptive sliding mode control for speed control of BLDC motor," in Industrial Engineering Journal, February 2024.
- P. Pradyumna, "17 level Inverter formed by cascading flying capacitor and floating capacitor H-bridges," in Complexity International Journal, February 2024.
- Dr. P. Chandrasekhar, Dr. P. Ram Kishore Kumar Reddy, "Control and Management of Electrical Locomotive connected to Micro grid Stations," in Journal of Non linear Analysis and Optimization(JNAO), March 2024.
- Dr. P. Ram Kishore Kumar Reddy, "A Novel Approach for battery Management Systems for Electric Vehicles based on CNN-BiGRU Model," in International Conference on Hybrid and Advanced Technologies-2024, QISCET in April 2024.
- Dr. P. Nagasekhar Reddy, "A Novel Approach for battery Management Systems for Electric Vehicles based on CNN-BiGRU Model," in International Conference on Hybrid and Advanced Technologies-2024, QISCET in April 2024.
- Dr. P. Nagasekhar Reddy, "Short term Electric Vehicle charging load forecasting in low-quality data environments using CNN-SM approach," in International Conference on Hybrid and Advanced Technologies-2024, QISCET in April 2024.
- Mrs. N. Madhuri, "Fault tolerant Shunt active power filter with synchronous reference frame control and self-tuning filter," in Measurement Sensors Journal in April 2024.
- Dr. P. Chandrasekhar, "Enhanced Vehicle-to-Grid and Grid-to-Vehicle Efficiency: Implementing a Three level Inverter with IGBT Switches in DC fast charging systems," in Journal of Engineering Sciences in July 2024.
- Dr. P. Nagasekhar Reddy, "An Intelligent Method for Performance of Air Conditioning System and Vehicle Fuel Economy Trade-offs for a Hybrid Electric Vehicle using SA-CNN-LSTM Model," in International Conference for Advancement in Technology (ICONAT), September 2024.
- Dr. P. Ram Kishore Kumar Reddy, "Power Electronics and Smart Grids", in IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems(SPICES), September 2024.
- Dr. P. Ram Kishore Kumar Reddy, "Modelling and Stability Analysis of Dynamic Droop Controlled Microgrid based on Dynamic phasor," in 2024 IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (SPICES), September 2024.

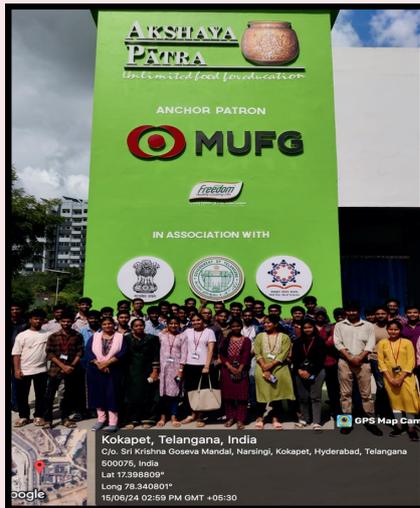
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- Dr. P. Ram Kishore Kumar Reddy, “Enhancing Brain Tumour Classification: Integrating Neural Networks with Light GBM for Optimized Text based Data Analysis,” International Conference on Multiagent Systems for Collaborative Intelligence (ICMSCI-2025), IEEE Conference Surya Engireeng College, Erode, Tamilnadu, in January 2025.
- Dr. P. LakshmiSupriya, “Wireless Energy Harvesting and Spectrum Sharing in Cognitive Radio Networks,” in International Conference on Mobile Computing and Sustainable Informatics (ICMCSI), IEEE Conference Purbanchal University, Nepal in January 2025.
- Mr. G. Arun Kumar, “Chopper based capacitor voltage equalization in four switch split capacitor distribution static compensator with a zigzag transformer,” in International Journal of Circuit Theory and Applications in January 2025.
- Dr. P. Ram Kishore Kumar Reddy, “Introduction to Distributed Energy Storage Systems in Digital Power Systems,” in Distributed Energy Storage Systems for Digital Power SystemsSCI(Q1) in October 2024.
- Dr. P. Nagasekhar Reddy, published an article, “Machine Learning based Fault Dtection in Solar Photovoltaic Systems for Improved Reliability,” in Electric Power Components and Systems in October 2024.
- Mrs. S. Sudha Rani, “Smart Control for Solar PV Grids to enhance Power Quality using Deep Neuro Auto Inverter Model,” in International Conference on Innovations in Communications, Electrical and Computer Engineering (ICICEC 2024), IEEE Conference BIET Davangere, Karnataka in October 2024.
- Mrs. S. Sudha Rani, “Control and Analysis of UPQC for Power Quality Improvement in Renewable Energy Sources: Advancing Wireless Power Transfer and Energy Harvesting technologies,” in International Conference on Technological Advancements in Computational Sciences (ICTACS-2024), IEEE Conference Amity University, Tashkent, Uzbekistan in November 2024.
- Mr. S. Abhishek Reddy, “A Review of switching overvoltage modelling in UHV AC transmission lines,” in Electric Power Research SCI(Q1) in November 2024.
- Dr. P. Ram Kishore Kumar Reddy, “Novel Control method for Wind-Hydrogen Battery based Standalone Micro-Grid under faults on Distribution,” in International Conference on Advances in Computer Science, Electrical Technologies in December 2024.
- Dr. P. Ram Kishore Kumar Reddy, “AI-Powered Smart Grids: Energy Optimization,” in Nano Technology Perceptions (Q4 Journal) in December 2024.
- Dr. P. Nagasekhar Reddy, “AI-Powered Smart Grids: Energy Optimization,” in Nano Technology Perceptions (Q4 Journal) in December 2024.
- Dr. P. Ram Kishore Kumar Reddy, “Optimization of Dynamic Request Scheduling in Mobile Edge Computing,” in International Conference on Mobile Computing and Sustainable Informatics (ICMCSI), IEEE Conference Purbanchal University, Nepal in January 2025.

Awards Achieved by the Faculty:

Dr. P. Ram Kishore Kumar Reddy awarded with Best Paper Award for an article titled "Power Electronics and Smart Grids," in IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems(SPICES), September 2024.

Industrial Visits



The department organised many industrial visits:

- Renewable Energy Systems Limited, Jeedimetla, Hyderabad for VI sem Students on 12-01-2024.
- EV Retron Energies India Pvt Ltd, Patancheru, Hyderabad for VI sem Students on 12-01-2024.
- "AkshayaPatra Foundation, Kokapet," for B.Tech VI Sem Students on 15-06-2024
- 400KV Substation, Mamidipally for VI sem Students on 13-02-2025.

DEPARTMENT OF MECHANICAL ENGINEERING

Faculty Awarded PhD:

- Dr. K V Kasiviswanadham awarded Ph.D Degree from JNTU, Hyderabad, on 09.05.2025 with thesis entitled “Optimization of Process Parameters in Turning of Glass Epoxy Composite Filled with Silicon Carbide and Aluminium Oxide”
- Dr. G. Sreenivasulu Reddy awarded Ph.D Degree from Annamalai University on 28.07.2025 with thesis entitled “Experimental and Numerical Investigation on enhancement of heat transfer in a double pipe heat exchanger through nano fluid using twisted tape inserts”
- Dr. B. Rama Krishna awarded Ph.D Degree from Osmania University on 12.09.2025 with thesis entitled “Experimental Investigation of Performance and Emission Characteristics on LHR CRDI Engine with Biogas and a Blend of Cotton Seed Oil and Diethyl Ether”.
- Dr. Y. V. N. Chandana, Awarded Ph.D Degree from Gitam University on 13.02.2026 with thesis entitled Dissertation Title: Experimental and Numerical Investigation of Solder Joint Reliability of Ball Grid Array Package Under Board Level Drop Test

Faculty Publications:

- D. Kameswara Rao, Dr. K. Sudhakar Reddy, and B. Rama Krishna. published paper on PV Panel Thermal Management Under Outdoor Conditions, Engineering and Technology(IJIRSET), Volume25, Issue 6, April 2025.
- Dr.S.MadhavaReddy published a paper on Modelling & Design of a Hybrid Quadruped Leg System, 2nd International Conference on Contemporary Issues in Science, Engineering & Technology (ICCISSET-2K25), May 23, 2025, Aditya College of Engineering.
- Dr. S. MadhavaReddy published a paper on Intelligent Moving Robot Used to Acquire Data from Radiation Areas, 2nd International Conference on Contemporary Issues in Science, Engineering & Technology (ICCISSET-2K25), May 23, 2025, Aditya College of Engineering.
- Selvarajan L, Prakash B, Niranjana T, Madhava Reddy S, Singaravel B and Periasamy K published paper on A critical insight into the use of EDM for machining advanced ceramic composites – a review in An “International Journal of Machining Science and Technology” Published on 13.06.2025.
- P. Sellamuthu, Jithin P. Gibu, V. P. Suresh Kumar, S. Madhava Reddy, G. Sivaraman, A. Ramakrishnan & R. Girimurugan published paper on Experimental investigations and optimization of process parameter through high speed hard turning process on C45 steel in “AIP Conference Proceedings” published on Vol.3306, Issue 1, 07005(5th June 2025).

- VaduguriMadhavi ,V.V.N. SATYA SURESH published a paper on Meditation beyond mindfulness: The role of BrahmakumarisRajyoga in Psychological wellness published on "Volume 17, Issue 5(1), May, 2025.
- T. Karthik and V. V. N. Satya Suresh published a paper on Impact of Rajayoga Meditation on Psychological Wellbeing Among Adults, International Journal of Multidisciplinary Research.
- Dr. P. Srinivasa Rao published a paper on "Research Fronts - Active Fields - Leading Countries" in International Conference from 24/04/2025 to 25/04/2025 in Appl SciMeet 2025, SCI SYNOPSIS, "European Meeting on Applied Science and Engineering", Berlin, GERMANY.
- Dr. P. Srinivasa Rao published a paper on Research Fronts - Active Fields - Leading Countries in International Conference from 24/04/2025 to 25/04/2025 in European Congress on Applied Science and Engineering.
- Dr. P. Srinivasa Rao published a paper on Research Fronts - Active Fields - Leading Countries in International Conference from 26/05/2025 to 28/05/2025 in The ICONIC Meetings on "International Experts Summit on Aerospace and Aeronautics Engineering.
- Mr. M.YadiReddy, Mudda Nirish, and Drugan Samandaka published a paper on Evaluation of Static and Dynamic Mechanical Performance of Builds Manufactured by Selective Laser Melting Under Various Torque Conditions for High- Performance Applications, Journal of Characterization, Volume5, Issue2, May 2025.
- Mr. S. Ajay Kumar & Dr. R. Uday Kumar, published a paper on Optimization of Injection Moulding Process Parameters for Disposable Specimen Collection Containers in "International Journal for Research in Applied Science & Engineering Technology (IJRASET)" published on Volume 13 Issue V May 2025.
- D.KameswaraRao, Hasitnagendra, Pranav data & Abhisekh Reddy, published a paper on Fabrication and Development of a 4-DOF in "International Journal of Innovative Research in Science" on Volume 14, Issue 6, June 2025.
- Mr. S. Ajay Kumar, Dr. R. Uday Kumar & K. Sirisha, published a paper on Optimization of Injection Moulding Process Parameters for Disposable Specimen Collection Containers in "International Journal for Research in Applied Science & Engineering Technology (IJRASET)" published on Volume 13 Issue V May 2025.
- Selvarajan L, Prakash B, Niranjana T, Madhava Reddy S, Singaravel B and Periasamy K, Published on A critical insight into the use of EDM for machining advanced ceramic composites – a review in "International Journal of Machining Science and Technology .

- Dr. T. Niranjana, A. N. S. C. Bose, and G. S. Kanadasan published a paper on Performance Optimization of ECM Parameters for Palladium-Coated Tool Electrodes Using Multi-Criteria Decision Analysis Method, Chemical Industry and Chemical Engineering Quarterly, May 2025.
- Singaravel, B., S. Devaraj, T. Niranjana, and Sumit Kumar Sharma published on Optimization of Friction Stir Welding Process Parameters for Joining of 3D Printed Specimen in “International Conference on Additive Manufacturing, LNME (Springer)”.
- K. Santosh Kumar, A. Arun Kutten, and B. Thoke Rasu published a paper on “Assessing Additive Manufacturing Techniques for Polymer and Metal Matrix Composites in Aerospace Applications,” The Indian Institute of Metals Transactions (IIIMT), May 2025.
- Mr. S Ajay Kumar and Dr R.Uday Kumar published a paper on on Optimization of Injection Moulding Process Parameters for Disposable Specimen Collection Containers on “International Journal for Research in Applied Science & Engineering Technology (IJRASET),” Volume 13 Issue V May 2025.
- C. Sucharitha, P. Shashidar, Sk. Priya , V. Ashok, G. Sukumar, B.Balaji, published on Modelling and Fabrication of Creel Stand For Filament Winding Machine in “International Scientific Journal of Engineering and Management (ISJEM) .
- P. Shashidar , A. Snehal , MD. SaquibZayaan, M. Prashanth published on Formulating and Producing Electromagnetic Coil Accelerator in A Projectile Motion in “International Scientific Journal of Engineering and Management (ISJEM),” Volume: 04 Issue: 05 | May– 2025.
- P. Shashidar, B. Sukesh Kumar, D. Pavan Kumar, K. Aksharaakruthi T. Sumith Singh published on Modelling and Development of Reverse Vending Machine for Pet Bottle Collection with Integrated Reward in “International Scientific Journal of Engineering and Management (ISJEM)”, Volume: 04 Issue: 05 | May – 2025.
- Ch Saikrupa, G ChandraMohan Reddy, Sriram Venkatesh published a paper on “Application of machine learning based algorithm to predict performance of turning Al- SiC-MWCNT using cryogenically treated textured insert” in Hybrid Advances Volume 10, September 2025.
- Dr S Madhava Reddy published on “Computer aided analysis of progressive die for wall mounting bracket” Volume 3342, Issue 1 30 September 2025, International Conference on Advancements In Sustainable Energy, Materials, And Manufacturing Technology, Hyderabad AIP Conference Proceedings of International Conference on Advancements in Sustainable Energy, Materials, and Manufacturing Technology.

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- Dr S Madhava Reddy, Design and Analysis of Drag Strut in Passenger Aircraft Advanced Materials Processing and Characterization Technology Springer Book chapter , Springer Nature, Singapore.
- Dr S Madhava Reddy, Investigation on the Mechanical and Tribological Properties of AA6063 Hybrid Metal Matrix Composites and Optimization of Wear and Friction Behavior by Taguchi Method, Advanced Materials Processing and Characterization Technology.
- V. V. N Satya Suresh, Professor, T.Karthik published a paper on Impact of Raja Yoga Meditation Effects on Psychological Well-being among Adults in "International Journal for Multidisciplinary Research.
- V. V. N Satya Suresh and Turaga Satyanarayana published a paper on The Role of Raja Yoga Meditation in Influencing and Enhancing Self Discipline and Self-Confidence among Youth in "Royal International Global Journal of Advance and Applied Research" Volume-2, Issue-9 September - 2025.
- V. V. N Satya Suresh, Professor, T.Karthik published a paper on Mind Over Matter: A Review Of Raja Yoga Meditation's Effects On Psychological Well-Being In Adults, in "International Journal of Creative Research Thoughts" Volume 13, Issue 9 September 2025.
- Dr. Srinivasa Rao Pundru, Published International Journal on "Development of Cognate Linkages of Synthesized 3-Prismatic-Revolute-Spherical Spatial Parallel Manipulator Based on Physical Constraints" J. Inst. Eng. India Ser. C, 22nd September 2025.
- Pidaparthy Maheshbabu, R. Ramkumar, Goda Sreenivasulu Reddy, M. Bakkiyaraj , Prakash H. Jadhav, as Co-authored and published International Journal on "Numerical Investigation Of Mwcnt/Zno Hybrid Nanofluid Heat Performance Of A Counter Flow Heat Exchanger Journal Of Mechanics Of Continua And Mathematical Sciences" Vol.-20, No.-7, July (2025) .
- Singaravel, B. S. Devaraj, T. Niranjan, and Ch Divya, as co-authored and published International Journal on " Performance of cryogenic treatment and soaking periods in textured inserts. Materials and Manufacturing Processes" on 2025/8/29.
- Singaravel, B. T. Niranjan, P. Laxmireddy, K. Srinivasulu, B. Chakradhar, and G. Poojitha as co-authored and published International Journal on "Experimental investigation of degradation in the marine environment of FDM-based 3D printed specimens" International Journal of Lightweight Materials and Manufacture, 2025 Aug 19.
- A. N. S. C. Bose, G. S. Kandasam and T. Niranjanas co-authored and published International Journal on "Performance optimization of ECM parameters for palladium coated tool electrode using multi-criteria decision analysis method Chemical Industry and Chemical Engineering Quarterly" pp.25-25, Sept,2025 .

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- B. Singaravel, T. Niranjana, P. Laxmireddy, K. Srinivasulu, B. Chakradhar, and G. Poojitha published a paper on "Experimental investigation of degradation in the marine environment of FDM-based 3D printed specimens," Int. J. Lightw. Mater. Manuf.
- Dr. T. Niranjana, Session Chair for the International conference titled "Sustainable Computing and Intelligent Systems (SCIS 2025)" organized by University of Canberra, Australia during 8-9 November, 2025.
- Mottammal D, Thomas SA, Cherusseri J, Asheesh Kumar, Rajendran DN. published a paper on "Photocatalytic Degradation of Methylene Blue: Performance, Mechanism, and Perspectives." On 23 Dec 2025 .
- Asheesh Kumar and Mohammed Shaik Parvez, Presented a paper on "Hybrid Approaches to Chatter Mitigation in Milling: State-of-the-Art Review and Future Opportunities", in International Conference on Recent Trends in Functional Materials (ICRTFM 2025), 01 - 03 December, 2025, Maulana Azad National Institute of Technology (MANIT) Bhopal, India.
- Vaduguri Madhavi, V V N Satya Suresh published a paper on "The Impact of the Interplay of theoretical Framework of Brahma Kumaris' Raja Yoga Affirmations and Framework of AI Prompting Vocabulary on Mental Wellbeing among High School Students Aged 14 Years in Hyderabad" in Bodhi International Journal of Research in Humanities, Arts and Science on October 2025 .
- Harshitha, M., Y. Sujana, and T. Niranjana. published a paper on "Leveraging Pretrained Deep Neural Networks for Lung Cancer Detection." In 2025 IEEE Silchar Subsection Conference (SILCON), pp. 1-6. IEEE, published on 19th January 2026.

Industry Institute Interaction

An industrial visit to M/s Sai Deepa Rock Drilling Tools, located in the Industrial Estate, Cherlapally, was organized for the students of Mahatma Gandhi Institute of Technology, Department of Mechanical Engineering (Mechatronics), IIIYear, VI Semester on 26/04/2025.



Patents Filed/Granted:

- Dr. R. Uday Kumar, Assistant Professor, published a patent titled “Advanced Composite Materials with High Thermal and Mechanical Strength for Aerospace Application” on 11/04/2025 (Patent Application No. 202541026570).
- Dr. K. Santosh Kumar, Assistant Professor, published two patents: “AI-Based Predictive Maintenance System for Industrial Machinery Health Monitoring” on 03/04/2025 (Patent Application No. 202541019466) and “Method & Apparatus for Improving Vehicle Suspension System Using Advanced Kinematics & Dynamics” on 22/06/2025 (Patent Application No. 202541059710).
- Mr. Peddireddy Shashidar, Assistant Professor, published a patent titled “Advanced Aerodynamic Blade Design for Enhancing Wind Turbine Energy Capture Efficiency” on 04/07/2025 (Patent Application No. 202521057824).
- Dr. R. Uday Kumar (Associate Professor), Dr. K. C. Sabitha (Assistant Professor), K. Sirisha (Assistant Professor), and S. Ajay Kumar (Assistant Professor) jointly published the patent “Laboratory Testing Apparatus for Material Analysis (GOV.UK)” on 15/01/2026 (Patent Application No. 6499254).

Research/Doctoral Guidance by Faculty: Awarded/ongoing/Enrolled

Dr. G. Chandra Mohan Reddy is supervising four research scholars:

- Ms. Ch. Sai Krupa (04.09.2018) working on Mechanical and Thermal Properties of Kapok Epoxy Polymer Matrix Composite.
- Mr. Doneti Gopi Krishna (04.09.2019) working on Experimental and Finite Element Simulation (DEFORM-3D) in Turning Steel Materials with Carbide Inserts focusing on Roughness, MRR, Temperature, and Tool Wear.
- Mr. Md. Mazaharuddin (04.09.2020) researching Mechanical Performance of Glass and Carbon Fiber Reinforced Epoxy and Bentonite Powder Hybrid Matrix Composite for Strength Enhancement.
- Mr. Janaiah Bolleddu (04.09.2021) working on Mechanical Properties of Laminated Bamboo Composites — all are in progress.

Dr. K. Sudhakar Reddy is guiding

- Mr. Pavan Kumar Kampelli (2015–2016) on Investigation of Weldability of Incompatible Materials ZR-Alloys and NB-Alloys using Friction Welding (In Progress)
- Mr. D. Kameswar Rao (2025) on Experimental and Numerical Investigation of a Solar Thermal Conductor (Awarded).

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Dr. P. Venkata Ramana is supervising

- Mr. K. Jithender Reddy (2015–2016) on Influence of Welding Process on Microstructure and Mechanical Properties of Similar and Dissimilar Metal Welds of Stainless Steels and Low Alloy Steels (In Progress)
- Ms. M. Prathyusha (2025) on Characterization of Microstructure and Mechanical Properties of Similar and Dissimilar Metal Welds of Aluminium Alloys and Copper Alloys (Awarded).

Dr. S. Madhava Reddy is guiding

- Ms. Bhaskara Jyothi Nemani (2015–2016) on Design and Development of Progressive Tool for Optimization of Strip Layout for Different Materials (In Progress).

Dr. R. Uday Kumar is supervising

- Mr. Praveen Kumar Katla (2019–2020) in Manufacturing Engineering (In Progress)
- G. Srinivasulu Reddy (2025) on Enhancement of Heat Transfer in a Double Pipe Heat Exchanger through Nanofluid using Twisted Tape Insert (Awarded).

Dr. Rakesh Kumar Gunda is guiding

- Mr. C. B. Rajan (23-09-2025) on Development and Characterization of Hybrid Coated Cutting Tools for Machining of Ti-6Al-4V Alloy (In Progress).

Faculty Awards & Achievements

- Dr. Srinivasa Rao Pundru was a Distinguished Speaker in Appl SciMeet 2025, SCI SYNOPSIS, “European Meeting on Applied Science and Engineering”, Berlin, GERMANY on April 14-15, 2025
- Dr. Srinivasa Rao Pundru was a Distinguished Speaker in “European Congress on Applied Science and Engineering”, C2P Forum, Paris, FRANCE on April 24-25, 2025
- Dr. Srinivasa Rao Pundru was a Plenary Speaker in The ICONIC Meetings on “International Experts Summit on Aerospace and Aeronautics Engineering”, Valencia, SPAIN on May 26-28, 2025
- Dr. P. Srinivasa Rao, Assistant Professor of ME won Nobel Researcher Award in the field of Mechanical in “Scientific Laurels International Scientific Awards” on 5th June 2025
- Dr. P. Srinivasa Rao, Assistant Professor of ME, won the Scopus index international outstanding researcher award in mechanical engineering (Robotics)-Sept, 2025.
- Dr. Srinivasa Rao Pundru, Certificate ID: 1AICME2685, Research Fronts - Active Fields - Leading Countries 07/08/2025 & 08/08/2025 Special Speaker, Oxford, United Kingdom Special Speaker “Annual International Congress on Mechanical Engineering” Oxford, United Kingdom

- Dr. Srinivasa Rao Pundru, Research Fronts - Active Fields - Leading Countries, 24/09/2025, 25/09/2025 & 26/09/2025 Invited Speaker, Scientific Program on DragonGen's held at Shanghai, CHINA Invited Speaker in Gala Technology of "The 4th World Congress of Biopharm Industry Development 2025" (BID-2025) Scientific Program on DragonGen's 1st Forum of Enzyme Innovation 2025 (Forum-3) held at Shanghai, CHINA
- Dr. Srinivasa Rao Pundru, Research Fronts - Active Fields - Leading Countries 25-09-2025 Published "Research Fronts - Active Fields - Leading Countries" Video in Springer Nature Research Communities Published in Astronomy .
- Dr. T. Niranjan, Session Chair for the conference titled "Emerging Techniques in the 6th Congress on Intelligent Systems (CIS 2025)" held at The Institution of Electronics and Telecommunication Engineers (IETE), Delhi Centre during September 06 – 07, 2025.

Development Professional Activities by Faculty Invited Talks/NPTEL/MOOCs/participation in FDPs

Dr. P. Venkata Ramana completed the SWAYAM course 3D Printing and Design for Educators in May 2025. Dr. T. Niranjan completed several NPTEL courses, including NBA Accreditation and Teaching and Learning in Engineering (NATE) in April 2025, Teaching and Learning in General Programs: TALG in August 2025, Technical Communication for Engineers in August 2025, OBE and Accreditation in December 2025 and also earned the NPTEL Believer recognition in December 2025. Santosh Kumar Kallepalli completed the NPTEL course Introduction to Industry 4.0 and Industrial Internet of Things in April 2025. Mr. P. Sashidhar completed Automation in Manufacturing through NPTEL in October 2025. Dr. S. Madhava Reddy completed the NPTEL course Industrial Engineering and Operations Research in October 2025, and Mr. M. Yadi Reddy completed Shrimad-Bhagavad Gita: Textual and Philosophical Explorations through NPTEL in October 2025.

Student Achievements

Mr. Gottiparti Abhinay (2020-24 Batch) Mechanical Engineering (Mechatronics) student received Gold Medal at JNTUH, Hyderabad in June, 2025.

Internship Details

39 students of Mechanical Engineering have taken internships in various companies like Random Entertainment, Infosys, DUN Technologies, Vizag Steel Plant, Bharat Heavy Electricals Limited, Ordinance Factory, Yeddumailaram. HVS Technology, Hitanshi Innovations, Random Entertainments, Britannia Industries Limited, Ordinance Factory, Yeddumailaram, Ambiator Pvt. Ltd during the summer vacation.

14 students of Mechatronics did internships in companies like Tata advanced systems limited, DUN industry, South Central Railway, Udey ATC SCR MOOSAPET, DUN technologies, Schneider Electric, Hyderabad during the summer vacation.

Expert Talks Organized

A Guest Lecture “Further Technologies in German Aerospace Engineering” by an eminent speaker, Prof. Dr.-Ing. Richard Degenhardt, Professor for Mechanics of Composite Structures and Senior Scientist at DLR and Honorary Professor – University of Bremen (A German university) for MCT, MECH and MME students on 05/08/2025

Events Organized (FDPs, Seminars, Conclaves, Symposiums, Conferences, Techfests)

The Additive Manufacturing event was organized in collaboration with MAGISTECH-2025 and the ISTE Student’s Chapter-MGIT on 03–04 September 2025 at MGIT, with 13 participants. As part of the same program, a Paper Presentation competition was conducted with 5 participants, and an Auto Quiz was organized with 26 participants.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

About Electronics and Communication Engineering Department

The Department of Electronics and Communication Engineering, established in 2000, is one of the most dynamic departments of Mahatma Gandhi Institute of Technology. The field of Electronics and Communication Engineering has major contributions to the society which we are enjoying and witnessing today.

The people across the world are able to connect in no time because of fast growth in this field. Electronics is the foundation on which Information Technology and Computer Engineering has grown. All high speed networks and computers work on the hardware designed by electronics engineers.

I am really elated to tell that the department stands on the strength of experienced and well qualified faculty who are very dedicated to teaching and also involved in up-gradation of knowledge. Their research experience will help to cultivate the future of our students.

Faculty Awarded PhD:

Ms. P. Sravani Qualified for the award of degree of Doctor of Philosophy (Ph.D.) in Electronics and Communication Engineering from the Department of Electrical, Electronics and Communication Engineering, School of Core Engineering ,GITAM Deemed to be University, Visakhapatnam, in November, 2025 for the thesis entitled "Efficient Cluster-Based Cooperative Relay Selection for Vehicular Communications" under the guidance of Dr Sreenivasa Rao Ijjada, Associate Professor, EECE .

Faculty Publications:

International Journals:

- A. Bala Raju, S P Singh and Dhiraj Sunehra, "A PROSODY-DRIVEN EXTENSION TO EMBEDDING-GUIDED NEURAL VOICE CONVERSION FOR NATURAL AND EXPRESSIVE SPEECH SYNTHESIS," Industrial Engineering Journal.
- A. Bala Raju, S P Singh and Dhiraj Sunehra, "Voice Conversion using Hybrid CNN BiLSTM-Wave Net Deep Learning Models," Communications on Applied Nonlinear Journal,
- Duda Sudhakar, Dhiraj Sunehra, "QoS-Aware and Energy-Efficient Network Design for Green Wireless Communication," Communications on Applied Nonlinear Analysis
- G. Ravi Kumar, Dr. D. Venkat Reddy, Dr. M. Asharani, "Enhancing All-Digital Phase-Locked Loop Performance Via A High Efficiency Noise Resilience Filter," Industrial Engineering Journal.
- B. Ramesh, D. Saravanan, A. Raja, T. R. Vijaya Lakshmi, "RIS-Aided MISO Channel Estimation Using Fuzzy Embedded Recurrent Neural Network and Binary Kepler Optimization Algorithm," International Journal of Communication Systems, 13 April 2025, (SCIE).
- Arun Kumar, P.Radhakrishnan, Dr. Ch. Raja, Aziz Nanthaamonrnping, "Throughput analysis of optical NOMA waveform through RNN and CNN neural networks with 256-QAM," Journal of Optical Communications.
- Dr. Ch. Raja, Dr. Shaik Irfan Babu, "Seismic Image Analysis for Salt Detection Using CNN," Journal of Informetrics, April 2025.
- V. Saidulu, "Optimizing Task Scheduling and Resource Allocation using Multi-Criteria Frame Work in Fog Assisted IOT Networks with Preemption," International Journal of Computational and Experimental Science and Engineering.
- Dr. Y. Jeevan Nagendra Kumar, Mr. Mohammad Ashique Azad, Dr. Reshma. M, Mrs. Geethanjali.G, Dr. Ch. Raja, Dr. Jetti Madhavi, "Blockchain based Secure Frameworks for IoT Applications in Healthcare," Journal of Neonatal Surgery.
- Mintu Debnath, Vijay Kumar Salvia, Alighazi Siddiqui, Khalid Ali Qidwai, P. Durga Devi, S. Bavankumar, "Mathematical Foundations of Explainable AI: A Framework based on Topological Data Analysis," Communications on Applied Nonlinear Analysis.

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- Dr. Ch. Raja, Dr. Shaik Irfan Babu, "Skin Cancer Detection Using CNN," Journal of Computer Science, 06, June 2025, volume 18, Pg No: 63-76
- "A Smart Intelligent Internet of Things Framework for Predicting Mental Health," Advanced Theory and Simulations(2025): e00048
- "Effective Denial-of-Service Attack (DoS) Detection Using Progressive Cyclical Convolutional Neural Network (CNN) in Wireless Sensor Networks." International Journal of Communication Systems 38, no. 14 (2025): e70217.
- "Detecting Defective Apples through Advanced Computer Vision and Legendre Multi Wavelet Neural Networks," Journal of Stored Products Research 114 (2025): 102702.
- Vijeta singh, +4, Ch. Raja, "PathTrackFlow: A Predictive Framework for Advanced Path Planning in Autonomous Robotics," Proceedings of the 5th International Conference on Pervasive Computing and Social Networking (ICPCSN-2025).
- Dr.S.Praveena, "Enhancing Supply Chain Transparency and Efficiency Through Hybrid Machine Learning Models," 2025 Global Conference in Emerging Technology (GINOTECH).
- Dr.S.Praveena, "Enhancing Sustainable Agriculture with IoT-Based Soil Fertility and Crop Selection Using Hybrid Stacked Ensemble Models and Explainable AI," International Conference of Emerging Technology(INCET 2025) during 22nd to 24th May 2025.
- T .D. Bhatt and S P Singh, "Sequences with Higher Energy Efficiency for Non-coherent Pulse Compression," Springer International Conference, ICASPACE -2025, MGIT, Hyderabad.
- Ankur Thakur, S. P. Singh, Sanjay Sharma and Davinder Singh Saini "Design of Channel and Beamforming in ISAC System for UAV Sensing and Communication Enhancement", ICASPACE -2025, MGIT, Hyderabad.
- Abhay Chaturvedi, Suhas S. J. L. Divya Shivani, Ch. Raja, Umang Soni, Natrayan L, "Enhancing IoT Network Security: A Double Decker Convolutional Neural Network with Brown-Bear Optimization for Intrusion Detection". Proceedings of the International Conference on Inventive Computation Technologies, organized by Tribhuvan University, Nepal.

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- S. P. Singh, A K Singh, Anupam Sharma, Ravi Paul Gollapalli “Signal Design for LPI Radar,” Springer International Conference, ICASPACE -2025, MGIT, Hyderabad.
- Padmanayana, N. S. L. Kumar Kurumeti, Veena S, Ch. Raja, Vijay JagdishUpadhye, Ramya Maranan, “Ultrasound-Based Kidney Disease Detection: Resampling Cubature Kalman Filter and Physics-Guided VGG Cross-Contextual Network,” Proceedings of the International Conference on Inventive Computation Technologies
- Mr J Sulthan Alikhan, Dr. R. Naveenkumar, Ms. Yamini Sharma, Mr.Sathish P, Ch. Raja, Dr. R. Kayalvizhi, “SecureVaultChain: A Blockchain-based Hybrid Model for Comprehensive Threat Mitigation in Network Systems,” Proceedings of the 3rd International Conference on Inventive Computing and Informatics
- Dr. G Chamundeswari, Prasanth Kamma, Dr. Gopinath D, Jishnu M S, Ch. Raja, Mohit Tiwari ,“MorphoVisionMapper: A Predictive Model for Structural and Morphological Image Analysis in Biomedical Applications,” Proceedings of the 3rd International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS-2025)June 2025.
- Dr R Jayakarthish, Dr. Gopinath D, M. Amina Begum, Apurva Dilip Fuladi, Dr. Allam Balaram, Ch. Raja, “EnvHealthNet: A Multi-Modal Machine Learning Model for Commercial Environmental Health Risk Prediction”, Proceedings of the 5th International Conference on Pervasive Computing and Social Networking (ICPCSN-2025) May 2025.
- Dr.K.Nirmala Devi, Dr Reema Rallan, Dr. P. Radhakrishnan, Sivanesan T M, Dr. Avinash Kumar, Ch. Raja, “Empirical Design of a Robotic Arm Control System based on Flex Sensors with Artificial Intelligence (AI) Association,”5th International Conference on Expert Clouds and Applications (ICOECA)March 2025.
- Vijayakumar, P.J., Das, M.S., Bansod, P.J., Akshaya, R., Praveena S., “Detecting and Preventing Cyberbullying Among Higher Education Students on social media with XGBoost and Particle Swarm Optimization,” 2025 Global Conference in Emerging Technology Ginotech 2025.
- Dr R Jayakarthish, Dr. Gopinath D, M. Amina Begum, Apurva Dilip Fuladi, Dr. Allam Balaram, Ch. Raja, “EnvHealthNet: A Multi-Modal Machine Learning Model for Commercial Environmental Health Risk Prediction,” Proceedings of the 5th International Conference on Pervasive Computing and Social Networking.

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Research/Doctoral Guidance by Faculty: Awarded/ongoing/Enrolled :

Dr. D. Venkat Reddy Prof of ECE is guiding Mr. G. Ravi Kumar Asst. Prof ,ECE ,MGIT on the Research topic “A Novel Analog Filter design using Ring Oscillator” under JNTUH.

Faculty Awards & Achievements:

Dr. A. Navaneetha received best paper award on the topic “A Study of Frequency and Dimension Variation of FinFET Multiplexer which is used in IOT devices” in a conference conducted by ICDSMIME CBIT (A), Hyderabad.

Professional Development Activities by Faculty Invited Talks/ NPTEL/MOOCs/participation in FDPs:

Dr T R Vijaya Lakshmi was invited by UGC, MMTTC, JNTUH to deliver experts talks:

- “Empowering Access to Research Altmetrics” & “Introduction to LaTeX” in Faculty Induction Programme-19 organized by UGC, MMTTC, JNTUH on 22 July 2025.
- “Content Search methods for Research & Introduction to LaTeX” in Research Methodology course organized by UGC, MMTTC, JNTUH on 15 Sept. 2025.
- “Empowering Access to Research Altmetrics” & “Introduction to LaTeX” in Faculty Induction Programme-20 organized by UGC, MMTTC, JNTUH on 24 Nov. 2025.
- “Software Tools for Plagiarism Check” & “Empowering Access to Research Altmetrics” in One week short term course on “MOOCs, E-Content Development and Online Pedagogy” organized by UGC, MMTTC, JNTUH on 20 Dec. 2025.

FDPs, MOOCs, and Skill Enhancement Programs

Faculty members actively upgraded their technical and research competencies through participation in various Faculty Development Programs (FDPs), Short-Term Training Programs (STTPs), NPTEL courses, and specialized industry-oriented training.

A major departmental FDP titled “Recent Trends in Low Power VLSI Design” was conducted at MGIT from 18th to 22nd August 2025, with active faculty participation across the department.

Additional programs attended include:

- “Frontiers of Modern Computing” conducted by CVR College of Engineering (October 2025).
- “Emerging Research Paradigms: Methodology, Analytical Tools and AI Integration” at Lords Institute of Engineering and Technology (November 2025).

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- “Emerging Paradigms in Quantum Computing for Next-Generation Technologies: AI, VLSI and Secure Communication” conducted by KKR & KSR Institute of Technology and Sciences (November 2025).
- “Advances in 6G Wireless Communication and Networking” organized by NIT Warangal (December 2025).
- “Mastering Research Proposal Writing” by Promind Learning Technology, Tamil Nadu (December 2025).

Faculty also completed NPTEL–SWAYAM courses such as:

- Digital Circuits
- Introduction to Programming in C

Faculty underwent industry-level training on:

- Real-Time Programming for the QNX Operating System, conducted by QNX (a division of BlackBerry), from June to July 2025.

These initiatives demonstrate the department’s strong commitment to continuous professional growth, emerging technology adaptation, and academic excellence. Faculty development has not been treated as a checkbox activity but as a structured effort to remain aligned with rapid advancements in VLSI, AI, communication systems, quantum technologies, and research methodologies.

DEPARTMENT OF PHYSICS AND CHEMISTRY

The Physics and Chemistry (P&C) Department at MGIT continues to make significant contributions in research, academia, and professional development. The following are some of the significant achievements of the department:

Research Publications

- Eight faculty members collectively published 11 research papers in esteemed journals, including Elsevier, Springer, RSC, and Wiley.

Patents and Recognitions

- Dr. B. Srinivas Reddy published a patent from the UK Government on an "Environmental nano-toxicology measuring device."

Doctoral Guidance

- Dr. M. Ravi Chandar, Associate Professor & Head, co-supervised and guided a Ph.D. candidate in Chemistry at JNTUH.

Professional Development Initiatives

- Two faculty members completed two NPTEL courses, reinforcing their commitment to continuous learning.
- Eight faculty members participated in two RCs, one OC, two STTP, and seven FDPs to stay updated with academic advancements.

The P&C Department remains dedicated to research, innovation, and professional excellence, fostering a robust academic environment at MGIT.

Faculty Publications:

- Jadhav, Prakash H., Goda Sreenivasulu Reddy, Ch Indira Priyadarsini, V. Jaipal Reddy, Srinivasa Reddy Bireddy, and N. Gnanasekaran, "Performance evaluation of partially filled metal foam sinusoidal corrugated channel heat exchanger for waste heat recovery system" *Thermal Advances*, Volume 6, 2026, 100100.
- Acha Swapna, Srinivasa Reddy Bireddy, Kasturi Srinivas, Balakrishna Matkala, Siddhartha Marupati, Bolloju Satheesh, "Thermodynamic Properties of Binary Liquid Mixtures of Benzyl Amine and O-Substituted Anilines (2-Methoxyaniline, 2-Chloroaniline, 2-Methylaniline) at Varying Temperatures. *J Solution Chem* (2026).
- Azeez, A., Bathinapatla, A., Srinivas Reddy, G., Anusha, B. R., Appu, S., Prashantha, K., & Bhujangaiah, N. S, "Synergistic Cu-BTC MOF/g-C₃N₄ nanocomposite: A light-driven multifunctional agent for 2,4-Dichlorophenoxyacetic acid removal and broad-spectrum bioactivity" *Nanotechnology for Environmental Engineering*, Volume 10, article number 84, (2025).
- Susmita Mandal, Archana Jain,* Tarun K. Panda* "A facile route to access N-heterocycles using a choline chloride–ethylene glycol-based DES in a dual role" *Org. Biomol. Chem.*, 2025,23, 8788-8794.
- Susmita Mandal, Shiva Lal Sunar, Archana Jain* and Tarun K. Panda* "Sustainable and efficient synthesis of oxazolidinones using a unique deep eutectic solvent (DES)" *RSC Sustainability*, 2025,3, 4116-4125.
- Ramesh Martha*, Venugopal Rao Bakshi, Ravi Chander Maroju, Monami Das Modak, Santhosh Kumar Adpa and Kumara Swamy Gullapelli "Influence of surface properties and concentration of NiO nanoparticles towards the decoloration of textile dye reactive black" *Chemical Product and Process Modeling*, 2025, 24, 1-11.
- V S Vendamani, Pardhu Yella, Amrit Kumar, Bikash Ghosh, Venugopal Rao Soma, "SERS based Vapour phase sensing of hazardous molecules: Recent Developments and Opportunities" *CleanMat*, June 2025, Volume 2, Issue 2, Pages 127-154.
- Martha Ramesh, B. Venu gopal Rao, M Ravi Chander, Nabanita Pal, "Extraordinary catalytic performance of lycopene in the conversion of amino acid like aspartic acid to aspartic thioamide using catalytic transfer sulfurization process" *Journal of the Indian Chemical Society*, Volume 102, Issue 8, August 2025, 101812.
- K C Acharyulu, Srinivasula, Vamsi Krishna Katta, S Bharadwaj, BalajiRao Ravuri, "Na₄+ x [Sn_{1-x} Y_x Si_{3.8} P_{0.2} O₁₂] glass-ceramic electrolyte: Structure correlation with Interfacial resistance and electrochemical performance" *Chemical Physics Impact*, Volume 10, June 2025, 100782
- I. Y. Park, Y. Ju, N. Pal, D. Y. Kim, E.-B. Cho, S. B. Kango, "Facile one-pot solvothermal synthesis of enlarged mesoporous nickel phyllosilicate spherical catalyst for CO₂ methanation" *Journal of Alloys and Compounds*, Volume 1029, 20 May 2025, 180743.
- Bireddy, Srinivasa Reddy, Mushini Venkata Subbarao, Kota Sri Lakshmi, Rameswara Reddy Yeddula, V. Sushma, and Jetti Madhavi, "The Role of Microstructure in the Fracture Toughness of Advanced Ceramics" *Metallurgical and Materials Engineering*

Patents Filed/Granted:

Dr. B. Srinivas Reddy published a patent from the UK Government on an "Environmental nano-toxicology measuring device."

Faculty Awards & Achievements:

Dr. G. Kumaraswamy and Dr. Nabanita Pal received awards for Best Oral Presentations.

Professional Development Activities by Faculty Invited Talks/NPTEL/MOOCs/participation in FDPs:

- Dr. B Venugopal Rao attended 'Artificial Intelligence and Machine Learning in materials Engineering' from July to October (84 days) 2025 organized by IIT Kanpur.
- Dr G Srinivas Reddy attended 'Community engagement and social responsibility' during Jan -May 2025 (70 days).
- Dr. B Venugopal Rao and Dr. G Srinivas Reddy attended 'Computational and experimental insights into material research' during 22-04-2025 to 26-04-2025 (5 days) organized by JBIET, Hyd.
- Dr. A Shilpa and Dr. Nabanita Pal attended "Next Generation Chemical Innovations: Bridging Academia and Industry (NGCIBAI-2025)" during 15th Dec-20th Dec 2025, (5 days) organized by Vardhaman College of Engineering, Hyderabad.
- Dr. A Shilpa attended 'Computational and experimental insights into material research' during 22-04-2025 to 26-04-2025 (5 days) organized by JBIET, Hyd.
- Dr. A Shilpa attended 'Quantum Computing during 07-04-2025 to 12-04-2025 (6 days) organized by CVR college of engineering and technology, Hyd.
- Dr. Archana Jain attended "Analytical Techniques" during 21-04-2025 to 25-04-2025, (5 days) organized by Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore and Shri Vaishnav Institute of Science.
- Dr G Srinivas Reddy attended 'Advance Science & Technology for a Sustainable Future (Interdisciplinary)' during 18-07-2025 to 31-07-2025 (70 days) organized by MMTTP of UGC , IGNTU, A central University, Amarkantak.
- Dr. Nabanita Pal attended NEP 2020 Orientation and sensitization Programme during 15-12-2025 to 20-12-2025 (8 days) under MM-TTP of UGC organized by IIT Kharagpur.

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- Dr B Srinivas Reddy attended 'Advance Science & Technology for a Sustainable Future (Interdisciplinary)' during 18-07-2025 to 31-07-2025 (70 days) organized by MMTPP of UGC , IGNTU, A central University, Amarkantak.
- Dr. A Shilpa and Dr. Nabanita Pal attended 'Reviving Indian Knowledge Systems for Sustainable Development (IKSSD)' 12-04-2025 to 13-04-2025 (2 days) organized by Centre for Indian Knowledge Systems, CBIT, Hyderabad,
- Dr. G Kumaraswamy attended 1st International Conference on Innochem25 during 08-04-2025 to 11-04-2025 (4 days) organized by Woxen University.
- Dr. Pardhu Yella attended conference IIM - ATM 2025 during 04-12-2025 to 06-12-2025 (3 days) organized by IIT Hyd.
- Dr G Srinivas Reddy attended NEP 2020 Orientation &Sensitization Programme during 19th June to 27th June 2025 (9 days) organized by UGC-MMTTC, Mizoram University.

DEPARTMENT OF INFORMATION TECHNOLOGY

FACULTY AWARDED PHD:

- Dr. U. Chaitanya, Assistant Professor awarded Doctor of Philosophy in “Computer Science and Engineering for the thesis entitled“ Multi –Objective task scheduling optimization using metaheuristic Approaches in cloud environment” from GITAM Deemed to be University, May-2025.

FACULTY PUBLICATIONS:

- Thrilok Kolla; G S Pradeep Ghantasala; A. Ravi Kumar; A. V. Lakshmi Prasuna; Anuradha Reddy; M. Arvindhan, “Optimization of Food Preservation Techniques Using Multi-Objective Evolutionary Algorithms and Soft Computing Models,” 2025 International Conference on Digital Innovations for Sustainable Solutions (ICDISS), 14–15 November 2025, IEEE.
- Manas Kumar Swain; Narendra Kumar Kamila; Lambodar Jena; Raveendranadh Bokka; Premkumar Chithaluru, “AutoGluon-Assisted Multi-Stage ML Pipeline for Early Diagnosis of Complex Diseases Using Genomic and EHR Data,” 2025 International Conference on Advancements in Smart, Secure and Intelligent Computing (ASSIC), IEEE Xplore: 17 September 2025.
- Ravi Kumar Tirandasu, Prasanth Yalla, Sridevi Tumula, Premkumar Chithaluru, Manoj Kumar, and Anuradha Dhull, “Enhanced Fault Detection Using Coupling and Cohesion Metrics With Deep CNN Modeling,” International Journal Of Software Engineering And Knowledge Engineering, July 2025.
- Bhagyashree Dharaskar, Phani Kumar Kanuri, M. Sharwani, Sandeep Raskar, Dr. N. Sree Divya, Dr. Kanaka Durga Hanumanthu, Dr. Manisha , P. Mali, Ramesh Babu Pittala, M. Nagabhushana Rao, “Multi-User Emotion Recognition in Crowded Scenes Via Enhanced Particle Swarm Optimized Recurrent Neural Networks,” Journal Of Theoretical And Applied Information Technology, July 2025, Vol. 103.
- Chinnakka Sudha and Sreenivasulu Bolla, “Optimized adaptive intrusion detection framework for big data in social media application,” Advances in Computational Design, Vol. 10, No. 3 (2025) 233-250 , July 2025.
- Chinnakka Sudha, Dr. Srinivasulu Bolla, “Intelligent intrusion forecasting framework for distributed environment using federated learning,” Cluster Computing, June 2025, pp. 1 – 18.
- Dr. D. Vijaya Lakshmi , “Cross Age Face Recognition,” presented a paper in International Conference on Research Communications in Eng. Science & Management, 30 – 31 May 2025
- V. Uma Maheswari, Rajanikanth Aluvalu, Swapna Mudrakola, Premkumar Chithaluru, Manoj Kumar, “Techniques, promising directions, challenges, datasets, and representations of facial expression analysis,” Multimedia Tools and Applications, May 2025.
- Dr. D. Vijaya Lakshmi, R. Vijaya Lakshmi, “Geometric feature extraction based human detection and authentication using ear images,” International Conference On Recent Innovations In Engineering And Technology, 11 – 12 April 2025
- Sangeeta Gupta; Premkumar Chithaluru; Md. Aleem Pasha; Sunil Reddy Goli; Bhupesh Kumar Dewangan, “An Efficient HWPARMA-based Multi-Sector Analysis to Combat the Impact of Pandemic 2025 4th OPJU International Technology Conference (OTCON) on Smart Computing for Innovation and Advancement in Industry 5.0, 9 – 11 April 2025.
- Dr. N. Sree Divya ,Assistant Professor,Multi-user emotion recognition in crowded Scenes via enhanced particle swarm optimizedRecurrent neural networks, Journal of Theoretical and Applied Information Technology (JATIT)31st July 2025. Vol.103.

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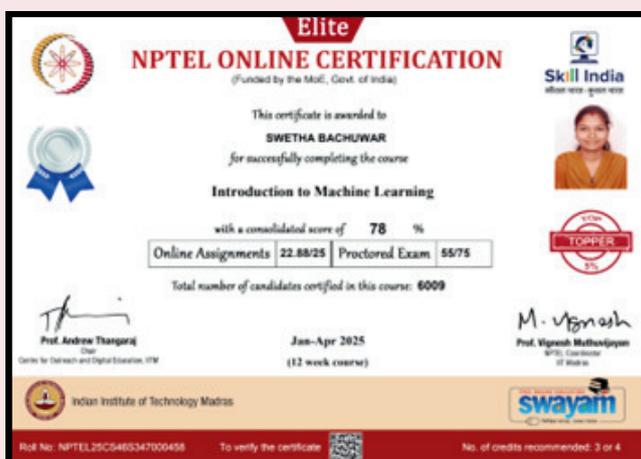
Faculty Awards & Achievements:

- Dr. D. Vijaya Lakshmi, Professor & HOD, was selected as a member of Board of Studies(BoS) for Vidya Jyothi Institute Of Technology(VJIT) ,Hyderabad from 18th November 2025.
- Mrs. B. Swetha, Assistant Professor secured the Topper & Gold award for excelling in the NPTEL online certification on “Artificial Intelligence: Concepts and Techniques” Oct 2025.
- Dr. U. Chaitanya, Assistant Professor, wrote two chapters, Unit-2: Activation and Unit-5: Convolutional Neural Networks (CNN) of the course MCS-072: Deep Learning of the Master of Science (Data Science and Analytics) for the School of Computer and Information Sciences (SOCIS), Indira Gandhi National Open University (IGNOU), New Delhi, India, September 2025.
- Dr. U. Chaitanya, Assistant Professor, served as a reviewer for 12th International Conference on “Emerging trends in engineering & Technology-Signal and Information processing (ICETET SIP-25)” 1 & 2 August 2025 at GH Rasoni College of Engg. , Nagpur , India, sponsored by IEEE Bomby section.
- Dr. Prem Kumar Chithaluru, Associate Professor awarded as world top 2% Scientists by Stanford University & Elsevier in August 2025.
- Dr .M. Rudra Kumar, Professor, Received Best Researcher award from the Computer Society of India (CSI) on 21st June 2025.
- Dr. U. Chaitanya, Assistant Professor, Reviewer for 11th International Conference on Communication and Signal Processing ICCSP 2025, held from 05th to 07th June 2025.
- Under the guidance of Dr. M. Rudra Kumar, Professor, Research Scholar Vadlmani M.Subramanyam was awarded Doctor of Philosopy in Computer Science and Engineering for the thesis entitled, “Accessing and Designing of Fault Tolerance Techniques for Cloud Computing,” from Shri Venkateshwara University Uttar Pradesh.
- Mrs. U. Chaitanya, Assistant Professor was awarded Doctor of Philosophy in “Computer Science and Engineering for the thesis entitled “Multi-Objective task scheduling optimization using metaheuristic Approaches in cloud environment,” May, 2025 from GITAM Deemed to be University.
- Under the guidance Dr. M. Rudra Kumar, Professor, Research Scholar Mr. D Jayanarayana Reddy was awarded Doctor of Philosopy Degree in Computer Science and Engineering for the thesis entitled “LEVERAGING DEEP LEARNING APPROCHES FOR THE PREDICTION OF AGRICULTURAL CROP YIELD” from JNTU Anapatur.
- Mrs. B Swetha, Assistant Professor secured the Topper & Silver award for excelling in the NPTEL online certification on "Introduction to Machine Learning".
- Ms. M. Varalakshmi, Assistant Professor was awarded a Guinness World Record for uploading the most videos of people playing keyboard instrument on instagram in one hour on 14th April, 2025.



25 students have participated in various organizations for Internship Programmes.

Musings 2026



Events Organized (FDPs, Seminars, Conclaves, Symposiums, Conferences, Techfests) :

- Department of IT organized One-Week Hands-on workshop on “Mission GENAI Ascend From IT Infrato Intelligent Automation,” from 18-08-2025 to 22-08-2025.
- One day workshop on “Exploring Quantum Computing: Concepts, Algorithms and Real-world Applications,” on 21st April 2025.
- One-Week Boot camp on “Internet of Things,” from 7th to 11th April 2025..

Professional Development Activities by Faculty Invited Talks/NPTEL/MOOCs/participation in FDPs:

- Dr. D. Vijaya Lakshmi, Professor & HOD attended FDP on “Generative AI and Prompt Engineering,” Organized by the Khalsa College for Women, Civil Lines, Ludhiana (Punjab). New Horizon College of Engineering, Department of MCA, Bangalore in April-2025.
- Dr. D. Vijaya Lakshmi, Professor & HOD attended FDP on “ GEN AI And AGENTIC AI,” Organized by the MIT Academy of Engineering Alandi, Pune, Maharastra, in June-2026.
- A. V. L. Prasuna, Assistant professor attended FDP on “Application of AI, ML, and DL in Advanced Technologies “HRDC – IEM – UEM Group in April-2025.
- A. V. L. Prasuna, Assistant professor attended FDP on “AI Agents” organized by The Commissionerate of Collegiate Education (CCE), Government of Andhra Pradesh with ExcelR Edtech Pvt. Ltd in May-2025.

- Dr. U. Chaitanya, Assistant professor attended FDP on “Understanding IPR: A Complete Guide to Research, Patents, Copyrights, Trademarks, and Scholarly Writing,” Organized by MRCE Entrepreneurship Development Cell (EDC), Malla Reddy College of Engineering, Telangana, in collaboration with pencilbitz in June-2025.

Patents Filed/Granted:

- Chinnakka Sudha, “A Unified Framework for Intrusion Detection and Threat Severity Prediction across distributed and Social Media Networks,” 202541074944 published on 5 Sep. 2025.
- Dr. Sree Divya, N, “IoT Enabled Smart Bandage With Machine Learning For Real Time Wound Assessment And Healing Monitoring,” (Chennai, India, 202541056928 A), published on 4 July 2025.
- B. Swetha, “Hybrid Cryptographic Model for Securing IoT Data in Multi-Cloud Environments,” 202541056823, published on 27 June 2025
- B. Swetha, “IoT-Enabled Predictive Maintenance System Using TinyML and Edge-Based Anomaly Detection,” 202541056825, published on 27 June 2025.

Student Achievements:

- Kanduri Sri Harsha(21261A3230) , N.D. Shrenik Reddy(21261A3246) published paper on “Detection of Diseases Using Retinal Imaging” in International Journal of Research Publication and Reviews, Vol 6, Issue 4, pp 3400-3411 , ISSN 2582-7421 April 2025.
- P. V. Sri Ramya (21261A3252), R. Dhanraj(21261A3254) published paper on “Modelling Facial Tissue Layers for Precision Skull Overlay and Reconstruction” in International Journal of Research Publication and Reviews, Vol 6, Issue 4, April 2025. ISSN 2582 – 7421
- Abhishek Sai Dubey-22265A3201, B. Ainesh-22261A3211, K. Vinay Kumar-20261A3227, Immersive Learning: Revolutionizing Education Through Sense Stimulation and Personalization International Journal of Research Publication and Reviews, Vol (6), Issue (5), May (2025), Page – 16805-16809.
- Sneha Sree Lankadasari -21261A1243, Vijay Sa Pachipulusu-21261A1265, Paper published titled “Sleep disorder detection and classification using Machine Learning”, in International Journal of Scientific Research in Engineering and Management(IJSREM), Volume:09 Issue:05, May 2025, ISSN: 2582-3930.

- Anand Karthik Azmeera (21261A3205) ,Srija Reddy Ardha(21261A3203), “ Cross Age Face Recognition” Published in Volume : 03 Issue : 06 June 2025e- ISSN No: 2584-2854Page No:2298-2301.
- Three students certified as Cloud Engineer Global Certification.
- IT 3rd year students M.Vikas & Mohammed Wahajuddin won in Rampage v2.6 Hackathon conducted by KL University, Hyderabad.

DEPARTMENT OF METALLURGICAL AND MATERIAL SCIENCES

Faculty Publications:

- Kotla Sairam, M.P. Phaniraj & Korla Rajesh, Role of Molybdenum in High Temperature Uniaxial Tensile Deformation Behavior of Fe-30Mn-5Al-1C-xMo Lightweight Austenitic Steels, Journal of Metallurgical and Materials Transactions A,2025, Springer.
- M.Sreenidhi Iyengar, M.K. Anirudh ,P.H. Anantha Desik & M.P. Phaniraj, Composition Based Machine Learning to Predict Phases &Strength of Refractory High Entropy Alloys,2025.

Faculty Awards & Achievements

- Dr. J. Jhansi Bai, Asst.Prof. has won Best Paper award in the International Conference on Advances in Materials, Design and Manufacturing (ICAMDM-2025) Organized by Department of Mechanical Engineering, SRM University AP, Amaravathi during December 12-14, 2025.
- Dr. M. Vijayalakshmi , Asst. Prof. has won second best paper award for the paper presented at the 3rd International, Conference on developments in sustainable materials,IoT &Robotics,Manufacturing and Energy Engineering (ICDSMIME-2025)held during 12-13 December 2025at CBIT, Hyderabad, India.

Industry Institute Interaction

- The Department organised many industrial visits to MIDHANI, NFC, CMET, NMDC and CITD for B.Tech students of 2nd ,3rd and 4th year which provide valuable insights into the practical applications of metallurgical engineering concepts, industry practices and exposure to cutting edge technologies.

Musings 2026



Industrial Visit To National Mineral Development and Corporation (NMDC) Patancheru on 24-09-2025



Industrial Visit to Nuclear Fuel Complex (NFC) ECIL on 08-10-2025



Industrial visit to Mishra Dhatu Nigam Ltd.(MIDHANI) Hyderabad on 14-10-2025



Industrial Visit to Central Institute of Tool Design (CITD) Balanagar on 30th Jan 2026

Student Achievement

- Somi Reddy Anjali Reddy B.Tech VII Sem of MME Dept.MGIT, Hyderabad secured prize in quiz competition conducted on 22nd August ,2025 at Indira Gandhi Centre for Atomic Research (IGCAR) as part of Dr. Baldev Raj Memorial Bridge Course on Non-Destructive Evaluation and Quality Assurance (BRM-BCNQ-2025).
- Four Students of Batch 2026 (VII semester) participated in Bridge Course (BRM-BCNQ) Offered by Indira Gandhi Centre for Atomic Research (IGCAR) & ISNT, during August 18-22, 2025 Kalpakam, Tamil Nadu.

Events Organised

- Inauguration of Advanced Microscopy Centre followed by Technical Talks on Microstructural Characterization of Materials organized by the Department of MME in association with T R Anantharaman Education and Research Foundation, Hyderabad on 13th October 2025. Chief Guest Prof. B. S. Murty ,Director, IIT Hyderabad addressed the gathering followed by Dr. G. Malakondaiah, Treasurer, TRAERF Hyderabad and Prof. V. V. Kutumba Rao, Sr. Vice President, TARERF, Hyderabad.



Prof. B.S. Murty, Director IIT Hyderabad addressing the gathering.



Inauguration of Advanced Microscopy Centre by Prof. V. V. Kutumba Rao, Sr. Vice President, TARERF, Hyderabad

DEPARTMENT OF MATHEMATICS AND HUMANITIES

Department Achievements:

- Organized a workshop on “Protecting Intellectual Property Rights (IPRs) and IP Management for Start-ups” by Prof. U.K. Choudhary with the guidelines from the Ministry of Education’s Innovation Cell (MIC) on 24th April, 2025.
- On the occasion of Srinivasa Ramanujan Birth Anniversary, conducted a Guest Lecture on, “Recent Trends in Function’s Approximation”, on 22th December, 2025. The lecture was delivered by Dr. D. Sudheer Reddy, Scientist F, Dept. of Space, Adrin (ISRO) Hyderabad.

Faculty Achievements:

- Dr. S. Rajireddy appointed as a Member of the Board of Studies in the Department of Mathematics at Jawaharlal Nehru Technological University, Hyderabad (JNTUH), June 2025.
- Dr. K. Srihari appointed as a Member of the Board of Studies in the Department of Mathematics at Jawaharlal Nehru Technological University, Hyderabad (JNTUH), June 2025.
- Dr. C.S. Srinivas delivered a Guest Lecture at Malaviya Mission Teacher Training Program, Osmania University in “Three-week Industrial Training Program for the faculty of English, Government Polytechnics of Telangana State” on 06.06.2025.
- Dr. K. Srihari is nominated as Chairperson of the Board of Studies in the Department of Mathematics at Mahatma Gandhi Institute of Technology (MGIT), Hyderabad, July 2025.
- Dr. V. Aparna Reddy is nominated as Chairperson of the Board of Studies in the Department of English, M&H at Mahatma Gandhi Institute of Technology (MGIT), Hyderabad, July 2025.
- Dr. Gousia Sultana was honored with the Best Faculty Award at the prestigious National Education Day Awards (NEDA-2025). The award was conferred by the Edutech Research Academy, Madurai, Tamil Nadu, during an International Award Ceremony held on 11 November 2025.

Paper Publications:

- Ms. Suysha Agarwal, “Hindu Religion and South Asian Comics & Graphic Novels: A Cultural and Narrative Exploration,” *TIJER-International Research Journal* TIJER.ORG, Vol.12, Issue 4, April-2025, ISSN: 2349-9249.
- Dr. V. Harileela, “Strategic Marketing in the Digital Age: Bridging Consumer Behaviour and Brand Innovation,” *Advances in Consumer Research*, Vol.2, Issue:2, pp.887 – 894, 2025(ABDC – C), June 2025, ISSN 3079- 1766.
- Dr. V. Harileela, “Artificial Intelligence in Consumer Decision-Making: A Review of AI-Driven Personalization and Its Managerial Implications,” *Journal of Informatics education and research*, Vol.5, Issue.2, pp.1802-1810, (ABDC – B), June 2025, ISSN 1526-4726,.

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- Dr. K Srihari “Significance of chemical reaction and velocity slip on Magnetized Sutter by Nano fluid over Stretchable Sheet,” Results in Engineering (Elsevier), Vol. 26, 2025, ISSN 2590-1230, June 2025.
- Dr. K. Srihari, “Chemical reaction and radiation effect on boundary layer Maxwell-Nano fluid flow past over a stretching sheet with slips: Non-flick and non-Fourier laws, Partial Differential Equations in Applied Mathematics,” (Elsevier), Volume 15, 2025.
- Dr. C.S. Srinivas published a patent titled, “Student Centred Culturally Inclusive ELT Strategies: Impacts on Motivation and Academic Performance,” ISBN: 202541065007 A on July 2025.
- Dr. V. Aparna Reddy, “Artificial Intelligence in English Language Teaching and Learning: Opportunities, Challenges, and Ethical Considerations & quot;,” in the edited Book, Artificial Intelligence and Blended Learning in English Language Teaching by SS Publications House: Voice Beyond Borders.
- Dr. K. Santha Kumari, “Doris Lessing’s the Sweetest Dream: Disillusion, Realism, and the Failure of Utopian Dreams,” in the Book, Writing the Self, Defining the World: Women in International Literature. JTS Publications, ISBN: 978-93-47100-42-0, December 2025.
- Dr. Sujata Sonthalia, “Cultural Geographies in Dystopia: Environmental and Developmental Imaginaries” in Margaret Atwood’s Select Novels, Journal of Applied Bioanalysis .
- Dr. K. Santha Kumari, “Cultural Geographies in Dystopia: Environmental and Developmental Imaginaries” in Margaret Atwood’s Select Novels, Journal of Applied Bioanalysis.
- Dr. K. Santha Kumari, “AI Enhanced Intercultural Pragmatics: Understanding miscommunication in multicultural classrooms,” in the Edited Book, Artificial Intelligence and Blended Learning in English Language Teaching. SS Publication House – Voice beyond borders. ISBN: 978-93-344-5984-5.
- Dr. Gousia Sultana, “Periodic Progressive Classroom Instruction in Speaking Skills (PPCISS) for Technical Students,” Theory and Practice in Language Studies, vol.15, no.10, ISSN:1799-2591, Academy Publication, October 2025, pp. 3223-34.
- Dr. Gousia Sultana, “A Comparative Discourse Analysis of Gandhian Philosophy and Ayn Rand’s Objectivism: Ethics, Individualism, Social Responsibility in Literary Texts,” Scopus Q1 Journal - Architecture Image Studies, Vol.7, Issue 1, pp.1372-1378, E-ISSN: 2184-8645, January 2026.

DEPARTMENT OF EMERGING TECHNOLOGIES

Faculty Awarded PhD:

Dr. D. Deepika received Ph.D degree from KoneruLakshmaiah Educational Foundation on 19th November 2025.



Faculty Publications:

- Dr. M. Rama Bai presented a paper titled “Investigating Brain-Inspired Computing Architectures to Enhance Energy Efficiency in AI Models Using Neuromorphic Computing” at the International Conference on Innovations in Intelligent Systems: Advancements in Computing, Communication, and Cybersecurity (ISAC3), conducted on 25–26 July 2025.
- Dr. M. Rama Bai, Mr. K. Kotaiahswamy, P. Geetanjali, TSNA Chinmayee published a paper titled “An Intelligent System for Facial Paralysis diagnosis” in GIS Science Journal
- Dr. Barnali Gupta Banik presented a paper titled " Choreography AI Assistance for generating new steps" in ANRF sponsored National Conference on Next-Gen Technologies in AI Applications at SNIST Hyderabad, September 11-12, 2025.
- D.Deepika published a paper “Multi-class mental Task Classification based Brain- computer Interface using Improved Remora depthwise convolutional adaptive neuro-fuzzy inference network model”, Journal of NeuroScience Methods,
- D.Deepika published a paper “Design and investigation of a polarization convertor loaded MIMO graphene–silicon DRA in the THz domain with enhanced isolation”, in Applied Optics
- Dr. M. Rama Bai authored a book titled “ Data Structures and Algorithms”, which was published by RK Publications in August 2025.

Patents Filed/Granted:

Ms. Shweta Sharma, 29th December 2025, "A method for Common Sense reasoning in Artificial Intelligence for Understanding and Interacting in the World"

Faculty Awards & Achievements

Dr. Barnali Gupta Banik

- mentored two students under IEEE Hyderabad Section Mentorship Programme July 2025. (as IEEE Senior Member)
- Awarded Entrepreneurship Educator from Wadhvani Foundation in August 2025.
- Served as a Session Chair, 2nd International Conference on Advent Trends in Computational Intelligence and Communication Technologies (ICATCICT 2025), organized by MG Aricent Educational Foundation, Nashik, India on 9th November 2025 (Hybrid Mode).
- Nominated as IT Division Advisory Committee Member at ESCI, Hyderabad for the Year 2026 (Jan-Dec).

Dr. Deepika Deshmukh was awarded in recognition of her contribution to one manuscript for Brain Informatics.

Professional Development Activities by Faculty Invited Talks/NPTEL/MOOCs/participation in FDPs

- Dr. Barnali Gupta Banik Delivered a 3 Hour session on AI Tools at ESCI Hyderabad on 14th November 2025
- Dr. Barnali Gupta Banik Delivered a 2 Hour session on "Agentic AI" for 3rd NGRIH Internship Program in 14th November 2025.
- D.Deepika successfully completed "Fundamentals of Object Oriented Programming" – NPTEL Online Certification.

Internship Details:

- Mr. Moinuddin Shaik, Final Year CSM student, has been selected by Amazon for the role of Applied Scientist Intern, with a Monthly Stipend of ₹1,20,000plus Allowances.
- Khaja Moinuddin, V. Sai Charan & K. Bharath have earned a place in the Amazon ML Summer School 2025 (an exclusive Internship Program).

Industry Institute Interaction:

- ESSO- INCOIS is mandated to provide ocean information and advisory services to society, industry, government agencies and the scientific community through sustained ocean observations.

Musings 2026



- A visit to the CSIR–National Geophysical Research Institute (NGRI), Hyderabad, was organised by the Department of Emerging Technologies on 7th November 2025. Department Prof. M. Rama Bai, Professor, T. V. Rajanikanth, and faculty coordinators Ms S. RajiniParimala and Mr K. KotaiahSwamy, along with V Semester students of CSM and CSD

Expert Talks Organized

- A Guest Lecture was organized on 21 June 2025 on the topic “Designing Data Intensive Systems”. The session was delivered by Mr. V. R. K. Prasad, Senior Project Manager at Morgan Stanley, Bangalore,

Events Organized (FDPs, Seminars, Conclaves, Symposiums, Conferences, Techfests) :

- Dr. T V Rajini Kanth was sanctioned with Rs.3,50,000/- under ATAL FDP as a coordinator and Ms. J Sreedevi as a Co-coordinator from ET department 7-12 July,2025 Grant Fetched and FDP “ Quantum computing: Foundation and Applications” as conducted.



Musings 2026

- A two-day Student Workshop on “Generative AI” was conducted on 23rd and 24th October 2025 in association with NeuroverseAI. The sessions were led by Mr. Sreekanth Peram, Managing Director, NeuroverseAI, and Mr. Avaduth Kulkarni, AI/ML Expert.



Student Achievements

- ParsiSriram (23161A6639), Veera Naga SaiPranav Siddhartha Tamada (23261A6660) stood 4th and won the cash Prize of Rs. 8,000/- in Regional Round(south) NTPC Electron Quiz Hyderabad.



- CSD and CSM II Semester students secured 1st Prize at the E-Summit held at IIT Madras on 7th February 2026.



DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Faculty Awarded PhD:

- Dr. B. Poornima, Assistant Professor, CSE, received her Doctor of Philosophy (Ph.D.) in Computer Science and Engineering from KL University in February 2026 for her thesis titled “An IoT-Based Secure GPS Data Processing and Spoofing Detection in Autonomous Cars Using Machine Learning.”
- Dr. M. Mamatha, Assistant Professor, CSE, was awarded her Ph.D. in Computer Science and Engineering from Rayalaseema University, Kurnool, in September 2025 for her thesis “Voice Based Retrieval Using CNN in Deep Learning.”
- Dr. M. Aruna, Assistant Professor, CSE, received her Ph.D. from JNTUH in July 2025 for her research titled “Optimizing Resource Management with Innovative Diagonal Scaling Technique at Data Center.”

Faculty Publications:

Faculty members published research articles in reputed international journals during the academic year:

- K. Palraj et al., “Multimodal Image Fusion Using MRI and Ultrasound to Diagnose Fabry Disease,” Journal of Environmental Protection and Ecology, April 2025.
- Nair R.S. et al., “Comprehensive Compression and Attention-Based Reconstruction Model for Enhancing Underwater Images,” International Journal of Information Technology, July 2025.

Patents Filed/Granted:

- Ms. N. M. Sultana filed an Indian Patent titled “System and Method for Secure Cloud Data Storage Using Invertible Discrete Wavelet Transform,” published on 28 November 2025

Research/Doctoral Guidance by Faculty: Awarded/Ongoing/Enrolled:

Faculty members actively supervised doctoral scholars. During 2025:

- Under the guidance of Dr. C.R.K. Reddy, two scholars were awarded Ph.D. degrees, and multiple scholars are currently pursuing research.
- Under the supervision of Dr. A. Nagesh, two scholars were awarded Ph.D. degrees in January and May 2025.

Several scholars continue their research work under departmental mentorship.

Faculty Awards & Achievements:

Dr. K. Sreekala, Assistant Professor, received the Uttama Adhyapaka Award presented by Bharath Educational Excellence Awards, on 5th Nov 2025, in recognition of her academic excellence and contribution to teaching



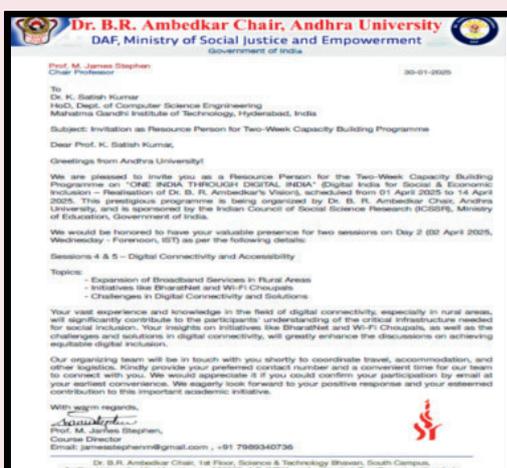
Professional Development Activities by Faculty (Invited Talks/NPTEL/MOOCs/Participation in FDPs):

CSE faculty actively participated in numerous Faculty Development Programs (FDPs), ATAL FDPs, refresher courses, and workshops in emerging areas such as:

- Quantum Computing
- Artificial Intelligence and Machine Learning
- Generative AI and Large Language Models (LLMs)
- Cyber Security
- Deep Learning
- Research Methodologies and Proposal Writing

Dr. K. Satish Kumar was invited as a Resource Person by Dr. B.R. Ambedkar Chair, Andhra University, for a two-week Capacity Building Programme titled: "One India through Digital India" (01-14 April 2025), where he delivered sessions on Digital Connectivity and Accessibility.

Faculty participation in national-level programs reflects the department's continuous commitment to academic excellence and technological advancement.



Musings 2026

Internship Details:

Students of the CSE Department secured internship opportunities in reputed organizations such as Cotiviti, nDMatrix, Zelis, Zenoti, DRDO, TGTRANSCO, Kanerika, Crowe Horwath IT Solutions LLP, Text Mercato Solutions Pvt. Ltd., MetaBrainz Foundation Inc., 8th Element, COPart, V-AI, and SMCLOUDMYLE LLP.

Many of these internships were paid, offering competitive stipends, with international opportunities providing stipends of up to \$500. The majority of internships had a duration of 3 to 6 months reflecting strong industry engagement and high student employability.

Industry Institute Interaction:

- Faculty visited the Association of Lady Entrepreneurs of India (ALEAP) on 22nd Jan 2026 to explore industry-academia collaboration opportunities.

Industrial visits were organized to:

- National Geophysical Research Institute (NGRI), Hyderabad
- National Small Industries Corporation (NSIC)
- Indian National Centre for Ocean Information Services (INCOIS), Hyderabad

These visits provided students exposure to research organizations, startup ecosystems, and real-world industrial applications

Many of these internships were paid, offering competitive stipends, with international opportunities providing stipends of up to 500 E. The majority of internships had a duration of 3 to 6 months reflecting strong industry engagement and high student employability



Musings 2026

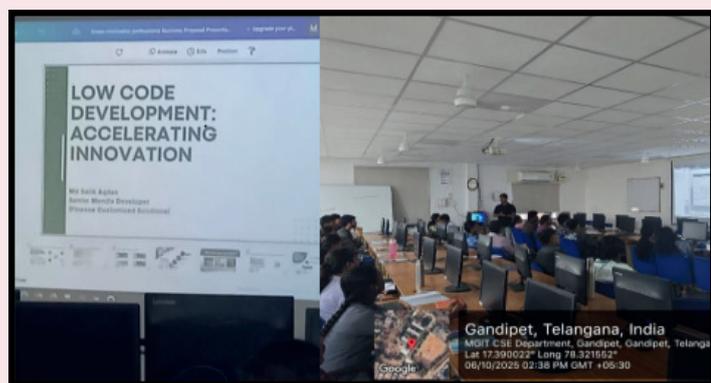
Expert Talks Organized:

- An expert lecture on “Role of Cloud Computing in Building Smart Energy Systems” was delivered by Dr. B. Sainath, Senior Manager, AWS Hyderabad, on 07-11-2025 for V & VII Semester CSE students.
- An alumni guest lecture on “Low-Code Development using Mendix” was delivered by Mr. Mohd Saliq Aqdas, Co-Founder, Finesse Software Pvt. Ltd., on 06-10-2025



Events Organized (FDPs, Seminars, Conclaves, Symposiums, Conferences, Tech fests):

- A 2-day workshop on “Data Science & Its Applications” was conducted on 25–26 September 2025, providing hands-on training in data preprocessing, visualization, and machine learning.
- The Internal Smart India Hackathon (SIH) 2025 was conducted on 23–24 September 2025 with participation from 612 students across departments. Top-performing teams were shortlisted for national-level SIH 2025.
- A one-day workshop titled “Social and Emotional Stress in Students: A Neurobiological Perspective” was conducted on 10 April 2025 for II and III year students



Student Achievements:

Students of the CSE Department excelled in academics, certifications, competitive examinations, sports, and extracurricular platforms:

- Kothakonda Navadeep (23261A05G1) successfully completed certification requirements for Service Now Certified System Administrator (CSA) program in the month of Jan 2026.
- Piyush (24261A05C0) for winning Runners position in the “Futsal tournament conducted during “SANGRAM-2026”.
- Hansika Enjapuri (24261A05E8) successfully completed the course “Programming in java” with a consolidated score of 97% secured rank in top 2% with gold medal Elite Category.
- BURRE NEERAJ SAI (24261A05E1) successfully completed the course “Programming in java” with a consolidated score of 95% and secured rank in top 5% with gold medal Elite category.
- Ch. Jishnu(24261A05T9) successfully completed the course “Programming in java” with a consolidated score of 97% and secured rank in top 3% with gold medal Elite Category.
- P. Pavan (25265A0507) has been Runner up in patch the code event conducted by CSE department of JNTUH.
- Kantamneni Venkat Abhilash(21261A05F9) has secured AIR 9703, with score of 456 in GATE examination Feb 2025.
- Attili Lakshana (24261A05K9) was Miss Universe Telangana 2025 runner up.
- Mohammed Zuber Khan (24261A05W5) is a Volunteer for KALAM’S SPACE CONVENTION at GMR Arena.
- R. Enosh Anshul Benjamin (24261A05X3) is a Volunteer for KALAM’S SPACE CONVENTION at GMR Arena.
- Siri G (24261A05Y5) is a Volunteer for KALAM’S SPACE CONVENTION at GMR Arena.
- Mandhadi Sneha latha (Roll No: 23261A0597) has secured the position of Academic First Topper and Gold Medal for the academic year 2025–26.
- AZMAT TAMKEEN (Roll No: 24261A0569) has secured the position of Academic and Gold Medal First Topper for the academic year 2025–26.
- MUSKAN (Roll No: 22261A05G7) secured the position of Academic First Topper and Gold Medal for the academic year 2025–26.
- S SATHVIK (Roll No: 21261A05B8) secured the position of Academic First Topper and Gold Medal for the academic year 2025–26.
- PUJARI SRIVANAVASA BHAVESH (Roll No: 21261A0547) secured the position of Academic First Topper and Silver Medal for the academic year 2025–26.

TRAINING AND PLACEMENT ACTIVITY

In today's dynamic employment ecosystem, the expectations of employers have moved beyond traditional academic credentials to a more holistic evaluation of candidates' competencies. Modern organizations increasingly seek graduates who demonstrate strong technical acumen, analytical thinking, coding proficiency, professional certifications, and meaningful practical exposure through real-world projects.

Keeping pace with these evolving industry expectations, MGIT has established a robust and forward-looking training and placement framework that seamlessly integrates academic learning with professional skill development. The institute places strong emphasis on cultivating industry-relevant competencies through structured training modules, intensive programming and problem-solving sessions, industry internships, and certification-oriented learning pathways. Students are encouraged to undertake comprehensive, outcome-driven projects that enhance their practical knowledge and prepare them to meet professional challenges with confidence.

Our focused approach toward continuous skill enhancement, career readiness training, and industry engagement has yielded significant outcomes. This year, our students have successfully secured placements in prestigious global organizations such as Amazon, Zenoti, Deloitte and Siemens, along with renowned companies including Schneider Electric, Hospet Steels, Mahindra & Mahindra, Aveva, Cotiviti, Cognizant, HCA Healthcare, Infosys, Medha Servo, Constelli, Einfochips (Arrow Wing), and Demandbase among several others.

These achievements reflect MGIT's commitment to fostering a culture of excellence, innovation, and lifelong learning. The institute actively collaborates with industry leaders to design training interventions, enhance curriculum relevance, and provide students with valuable exposure to emerging technologies and workplace practices.

We remain sincerely grateful for the continued partnership and confidence of our industry collaborators, whose support significantly contributes to shaping our students into competent, responsible, and future-ready professionals. Through sustained efforts in upskilling, innovation, and industry-aligned education, MGIT continues to empower students to build impactful careers and contribute meaningfully to the global workforce.

ISTE STUDENTS' CHAPTER

ISTE Students' Chapter of Mahatma Gandhi Institute of Technology (Autonomous) organized a two days National Level Technical Symposium for all Engineering students MAGISTECH-2025 during 03-04 September, 2025. This event was organized as part of celebrations of Engineers' Day, the birth day of Bharath Ratna Sir Mokshagundam Visvesvaraya. Around 1100 students from various parts of the country have participated in various events viz Paper/Poster presentations, Project Expo, Techi Quiz, CADathlon, Additive Manufacturing, Drones & Robotics, Circuit Relay, Idea presentation, Prompt Prodigy, CodeScramble, Fronted Development/Design, Constructure Gatecrasher, Electric Cache and Techi Quiz conducted during the event. CAD Design Competitions and Technical Quiz were also conducted. This National-Level Technical Symposium, MAGISTECH-2025 was held to bring together engineering students from across the country to showcase their technical skills, share knowledge, and foster collaboration in various fields of Engineering.



The Faculty Chapter of the Indian Society for Technical Education (ISTE) at Mahatma Gandhi Institute of Technology (Autonomous) has actively contributed to faculty development, research advancements and professional excellence during the academic year 2025. The chapter organized various programs to enhance technical expertise, pedagogical skills and interdisciplinary collaboration among faculty members.

The event aimed to provide a platform for innovative ideas and technological advancements, as well as to facilitate networking among students, faculty, and industry professionals.



INDUSTRY INSTITUTE PARTNERSHIP CELL (IIPC)

Working with industry partners helps to learn about realworld problems that need solutions and helps to think about research from an applied problemsolving perspective.IIPC identifies the industrial expectation and promotes institutional preparation for meeting industrial needs by facilitating seminars, workshops and various other industrial training programs.The primary objective is to bridge the gap between academic curriculum and industrial needs, fostering a symbiotic relationship that enhances student employability, updates faculty with real-time industry practices, and thereby promotes joint research, innovation, and consultancy.

In the Academic Year 2025-26, IIPC has organized 22 events/activities till to date fostering the needs of students. Experts from renowned industries like Amazon, Wipro, TCS, Virtusa, Codebasics.io, Qualcomm, L&T Technology Services, CPRI, ARCI, Lucas Innovation consulting, BSNL, Senior members from IEEEetcwere invited to update students on the latest technological advancements, industry standards, and market dynamics that may not yet be part of the standard curriculum

WOMEN DEVELOPMENT CELL

The Women Development Cell (WDC) of MGIT has been actively working towards the empowerment, safety, and well-being of girl students and women faculty throughout the academic year. The cell plays a vital role in creating awareness, providing support, and promoting a healthy and inclusive campus environment.

During the year, WDC organized several meaningful programs and initiatives focusing on health, safety, and personal development. In association with National Service Scheme (NSS), the cell conducted health camps and screening tests for girl students and women faculty to ensure early detection of health issues and to promote preventive care. These programs received active participation and appreciation from the college community.



Musings 2026

The Women Development Cell also serves as a supportive platform to address grievances of girl students. The cell ensures that students feel safe, heard, and supported by providing guidance, counseling, and appropriate action on issues raised. Through its continuous efforts, WDC contributes to building confidence, awareness, and a sense of security among students and staff.



Overall, the Women Development Cell of MGIT remains committed to fostering gender sensitivity, health awareness, and empowerment by organizing impactful programs and creating a supportive environment for women on campus.

NSS ACTIVITIES

On behalf of the National Service Scheme (NSS), Mahatma Gandhi Institute of Technology (MGIT), a wide range of socially relevant, health-focused, and nation-building activities were carried out during the year 2025. These initiatives were designed to cultivate social responsibility, environmental awareness, healthy living practices, and a strong sense of patriotism among students and the community. Upholding the core philosophy of NSS, "Not Me, But You," the programs aimed at the holistic development of individuals while making a meaningful contribution to society.

World Environment Day was observed on 05-06-2025 with great enthusiasm by the NSS unit of MGIT to emphasize the importance of environmental protection and sustainable development. The program focused on raising awareness about climate change, conservation of natural resources, and the need to adopt eco-friendly practices in daily life. Students actively participated in awareness sessions, discussions, and activities that highlighted humanity's responsibility toward preserving nature for future generations.

International Yoga Day was celebrated on 17-06-2025 to promote physical fitness, mental well-being, and inner harmony among students and staff. The NSS volunteers of MGIT actively participated in yoga sessions and awareness talks as an ancient Indian practice.

Musings 2026

In addition, a special session on Yoga and its importance was organized to reinforce the long-term benefits of yoga in reducing stress, improving concentration, and maintaining a balanced lifestyle. To address social issues, the NSS unit organized a Drug Awareness Program on 25-06-2025, aiming to educate students and youth about the harmful effects of drug abuse. The program emphasized prevention, self-discipline, and healthy decision-making, encouraging participants to stay away from substance abuse and contribute towards building a drug-free society.

Continuing its commitment to environmental conservation, Vana Mahotsavam was celebrated on 04-08-2025 under the banner of NSS, MGIT. The program highlighted the importance of afforestation, protection of forests, and maintaining ecological balance. Through awareness activities, students were motivated to actively participate in tree plantation drives and environmental protection initiatives. The NSS unit of MGIT proudly organized the Rakhi with Soldiers Festival on 07-08-2025, expressing gratitude and respect towards the brave soldiers who safeguard the nation. Another Rakhi with Soldiers program was also conducted to strengthen patriotic feelings and emotional bonding with the armed forces. These occasions served as a reminder of the sacrifices made by soldiers and instilled a deep sense of national pride among participants.

As part of its humanitarian initiatives, the NSS unit organized a Blood Donation Camp on 11-09-2025, encouraging students and staff to voluntarily donate blood as an act of selfless service. The program highlighted the critical importance of blood donation in saving lives and supporting healthcare services.

Further extending its service to community health, a Free Eye Check-up Camp was conducted on 17-09-2025 and 18-09-2025, providing essential eye care services and promoting awareness about eye health. The camp aimed at early detection of vision problems and improving the quality of life of beneficiaries. In alignment with the national vision of development, the Vikshit Bharat Program was organized to create awareness about the concept of a developed, self-reliant, and progressive India. The program encouraged students to actively participate in nation-building activities and to contribute their skills and knowledge towards the country's growth.

The MGIT NSS Team organized National Youth Day on 12th January 2026 to commemorate the birth anniversary of Swami Vivekananda and emphasize the role of youth in nation-building. The program inspired students to adopt values such as leadership, discipline, and social responsibility. NSS volunteers actively participated in activities highlighting Swami Vivekananda's teachings, while faculty members motivated students to contribute positively to society. The event concluded with a pledge to uphold ethical values and work towards a progressive nation.

Musings 2026

A Road Safety Awareness and Drug Abuse Prevention program was conducted in collaboration with Eenadu and the Narsingi Police Department. The initiative focused on educating the public, especially youth, about traffic rules and the harmful effects of drug abuse. Police officials shared practical insights to promote safe driving practices and a drug-free society.

In conclusion, the series of programs organized by the NSS unit of MGIT successfully fostered values of service, awareness, discipline, environmental responsibility, and patriotism among students. These initiatives not only enriched the academic experience but also strengthened the bond between the institution and society, reflecting the true spirit and mission of the National Service Scheme.

CAREER GUIDANCE CELL

The Career Guidance Cell (CGC–MGIT), supported by its 10-member committee, organized several impactful career-oriented programs to guide students toward higher education and professional growth during March 2025 to February 2026

The academic year began with a Help Desk Drive (01 May 2025) in collaboration with Paloma Education Overseas Consultancy, Hyderabad, which provided students from various branches with essential information on global study opportunities.

On 05 August 2025, CGC, along with MCT and MME departments, conducted a guest lecture on Future Technologies in German Aerospace Engineering by Prof. Dr.-Ing. Richard Degenhardt, Senior Scientist at DLR and Honorary Professor, University of Bremen. Students from MCT, Mechanical, and MME gained valuable exposure to advanced aerospace research.

Further strengthening international education awareness, CGC partnered with SIG Global Edu on 07 August 2025 to organize a Scholarship Guidance Help Desk, offering insights into study abroad options across the USA, UK, Australia, Canada, and Europe.

The highlight of the year was the One-Day On-Campus Study Abroad Education Fair (08 September 2025), conducted with GECF, where B.Tech V and VII semester students interacted directly with university representatives.



PHYSICAL EDUCATION DEPARTMENT

Building Fitness, Discipline and Champions

The Physical Education Department plays a vital role in shaping the overall personality and well-being of students. It serves as a foundation for promoting physical fitness, mental strength, discipline, leadership qualities, and team spirit among young minds. The department continuously strives to create a healthy and active campus environment where sports and academics go hand in hand.

The department actively organizes inter-departmental tournaments, annual sports fests, and selection trials to encourage student participation in various indoor and outdoor games such as Cricket, Football, Basketball, Volleyball, Kabaddi, Badminton, Athletics, and many more. The annual sports fest Ekalavya'26 stands as a testament to the department's commitment to excellence, where students showcased exceptional talent, sportsmanship, and competitive spirit.

Students are also trained and motivated to participate in university-level competitions conducted by Jawaharlal Nehru Technological University Hyderabad, where many have secured accolades and brought pride to the institution. The department ensures systematic coaching, regular practice sessions, and proper maintenance of sports infrastructure to help students achieve their best performance.

Beyond competitions, the department promotes health awareness programs, fitness drives, yoga sessions, and recreational activities that enhance physical endurance and mental wellness. It instills values such as respect, resilience, cooperation, and fair play qualities that prepare students not only for sports but for life itself.

With dedicated staff, supportive management, and enthusiastic student participation, the Physical Education Department continues to nurture talent and build champions. It remains committed to fostering a culture of fitness, integrity, and excellence, empowering students to excel both on and off the field.

INSTITUTIONS INNOVATION COUNCIL

IPR Basics for Innovators & Entrepreneurs on 30th January 2026

The session on "IPR Basics for Innovators & Entrepreneurs," held on January 30, 2026, featured an insightful talk by Dr. C.V. Siva Rama Prasad, CEO of Global Research Academy, who explained the importance of Intellectual Property Rights (IPR) in protecting ideas, designs, and innovations. He provided a clear overview of Patents, Trademarks, Industrial Designs, and Copyrights, highlighting their role in safeguarding creative and industrial work.

Musings 2026

The session also emphasized the Government of India's "Make in India" initiative and the SIPP scheme, which offers benefits such as fee rebates, fast-track processing, and facilitator support for startups. The session encouraged students to focus not only on innovation but also on securing legal protection to transform their ideas into successful ventures.



Expert Talk on Technology Readiness Level (TRL), MRL, IRL, IP Commercialization & Tech-Transfer – 04.02.2026, MGIT

A high-impact technical session explained the complete journey of transforming ideas from laboratory research into market-ready products. Students learned about Technology Readiness Levels (TRL 1–9), Investment Readiness Levels (IRL), and key processes such as technology transfer, licensing, and commercialization. The session helped bridge the gap between academic innovation and industry application.

Workshop: Effective Sales and Marketing Strategies for Start-ups – 04.02.2026, MGIT

This workshop provided practical insights into market positioning, lean marketing strategies, and customer acquisition techniques. Students learned how to identify target customers and build sustainable marketing plans. The session emphasized adaptability, strategic thinking, and resilience for startup success.



Musings 2026

The institution organized a comprehensive series of innovation, entrepreneurship, IPR, and commercialization-focused events during 2025–2026 at MGIT, aimed at nurturing research, startup development, and industry readiness among students.

IPR Basics for Innovators & Entrepreneurs (30.01.2026)

Dr. C.V. Siva Rama Prasad delivered an in-depth session on Intellectual Property Rights including Patents, Trademarks, Designs, Copyrights, and the “Make in India” SIPP scheme. Real-world case studies such as an IoT-Based Smart Construction Robot and Concrete Hydraulic Hopper emphasized the importance of protecting innovations and encouraging patent-driven research.

Expert Talk on TRL, MRL, IRL, IP Commercialization & Tech Transfer (04.02.2026)

Focused on Technology Readiness Levels (TRL 1–9), Investment Readiness Levels (IRL), and structured mechanisms for technology transfer and licensing, guiding students on transforming academic research into market-ready products.

Workshop on Effective Sales & Marketing Strategies for Startups (04.02.2026)

Conducted for IV and VI semester students, the workshop covered strategic positioning, lean marketing, customer acquisition funnels, resilience, and adaptability required to sustain startups.

My Story by Successful Entrepreneur (05.02.2026)

Ms. Vyshnavi, Founder of Zenith Studio, shared her entrepreneurial journey, discussed government startup schemes, idea validation processes, and motivated students to pursue structured entrepreneurship.

Innovation Showcase – Poster Presentation (06.02.2026)

Evaluated by Dr. Ganapathi Reddy, students presented innovations in healthcare, mining, AI voice systems, AI games, AI & ML applications, and AI-driven traffic management, addressing real-world challenges.

Awareness Workshop: Entrepreneurship & Innovation as Career Opportunities (10.02.2026)

Dr. U.K. Choudhury emphasized entrepreneurial mindset, innovation, team-building, and startup ecosystem support systems to enable students to convert ideas into viable ventures.

Session on Achieving Problem–Solution Fit (18.02.2026)

Highlighted identifying real customer problems, validating solutions through MVPs, and iterative development to ensure market relevance.

B-Plan Pitch: Demo Day (30.08.2025)

Students presented structured business plans and received mentorship from innovation experts.

Musings 2026

Angel Investment/VC Funding Opportunity Session (29.08.2025)

Introduced venture funding stages, investor roles, and strategies for scaling early-stage startups.

Innovation Showcase – Poster Presentation of Ideas & Prototypes (29.08.2025)

Students showcased practical solutions to real-world problems and connected with mentors for further development.

Expert Talk on Innovation Development, TRL & Tech Transfer (26.08.2025)

Covered TRL stages, commercialization pathways, and effective lab-to-market transitions.

Problem Solving and Ideation Workshop (26.08.2025)

Students practiced creative thinking techniques such as SCAMPER and mind mapping to refine innovative ideas.

Workshop on IPRs and IP Management for Startups (24.04.2025)

Focused on IP protection strategies, patent filing procedures, and commercialization processes.

Business Model Canvas Workshop (04.08.2025)

Students learned to design and analyze business models using the BMC framework.

Session on Problem-Solution Fit & Product-Market Fit (04.08.2025)

Emphasized aligning innovations with customer needs using MVPs and structured feedback mechanisms.

Field Visit to Incubation/Patent/Tech Transfer Centre (31.07.2025)

Students explored incubation processes and interacted with ecosystem enablers to understand startup support systems.

My Story by Successful Entrepreneur – 05.02.2026, MGIT

An inspiring entrepreneurial session highlighted the real-world journey of building a successful venture. Students learned about startup opportunities, government support schemes, and the importance of solving real-world problems. The talk motivated students to confidently pursue entrepreneurship and innovation.



Innovation Showcase: Poster Presentation of Innovations/Prototypes – 06.02.2026, MGIT

Students presented innovative prototypes and research projects addressing real-world challenges in healthcare, AI, and smart systems. The showcase provided a platform for students to demonstrate creativity and technical skills. Experts evaluated the projects and offered valuable feedback and mentorship.



Awareness Workshop: Entrepreneurship & Innovation as Career Opportunities – 10.02.2026, MGIT

An IIC 8.0 session on “Entrepreneurship and Innovation as a Career Opportunity” was delivered by Dr. Umakanta Choudhury on February 10, 2026, at MGIT. The session highlighted entrepreneurship as a career path, emphasizing innovation, risk-taking, Emotional Intelligence, and startup challenges. Students gained insights into venture planning, team-building, and available support systems to transform ideas into successful businesses.



Musings 2026

Session on Achieving Problem–Solution Fit – 18.02.2026, MGIT

The session focused on identifying real customer problems and developing effective solutions. Students learned the importance of Minimum Viable Products (MVPs) and continuous improvement. It emphasized innovation driven by real-world needs and market validation.



Problem–Solution Fit and Product–Market Fit - 04 August 2026

A lecture on Problem–Solution Fit and Product–Market Fit highlighted the importance of identifying customer needs, validating problems, and testing solutions using Minimum Viable Products (MVPs). The session emphasized achieving market alignment before scaling and discussed real-world startup examples. An interactive activity helped students apply these concepts to startup ideas, strengthening their entrepreneurial and customer-centric approach.



Musings 2026

Business Model Canvas (BMC) - 04 August 2025.

The Institution's Innovation Council organized a lecture on the Business Model Canvas (BMC) by Mr. V. Sunil Reddy, Technology Head, Wipro Technologies, on 04 August 2025. The session explained BMC components, their role in startup success, and how the framework helps design sustainable business models. It enhanced students' understanding of entrepreneurship and practical business planning.

Angel Investment and Venture Capital Funding -29 August 2025

The session on Angel Investment and Venture Capital Funding, held on 29 August 2025, provided insights into venture capital as a key funding source for startups. It covered types of funding such as angel investment, venture capital, and private equity, along with stages from seed funding to pre-IPO. Participants also learned the investment process, including proposal screening, due diligence, and exit strategies, helping them understand how funding supports startup growth and innovation.



Industrial visit to NSIC-ECIL, Hyderabad -31 July 2025

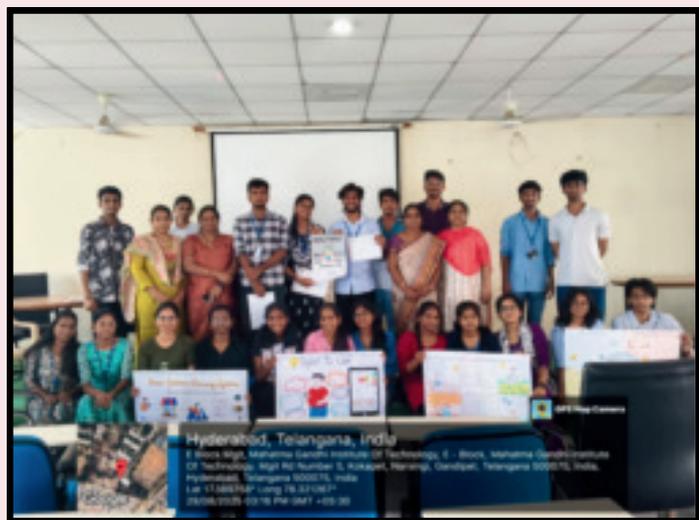
Students enhanced their entrepreneurial skills, gained clarity in business idea selection, and learned to develop and present effective business plans. They understood the role of business incubators in supporting startups and explored global incubation ecosystems. The industrial visit to NSIC-ECIL, Hyderabad (31 July 2025), attended by 75 students with faculty guidance, provided practical exposure to startup support systems and industry practices.

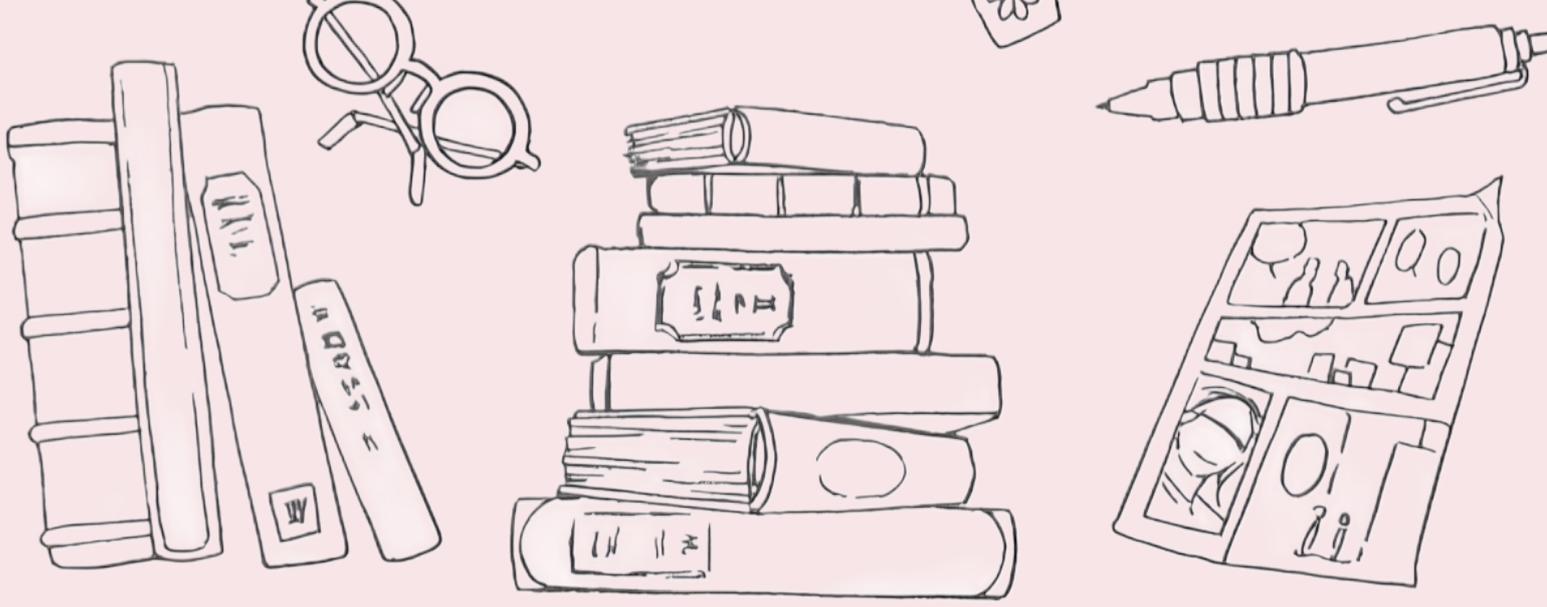
B-Plan Pitch: Demo Day & Exhibition- 30 August 2025

The B-Plan Pitch: Demo Day & Exhibition, held on 30 August 2025 at MGIT, provided a platform for students to present innovative business ideas through pitch and poster presentations. Participants received valuable feedback and mentorship from industry experts, gaining exposure to real-world startup pitching formats. The event strengthened entrepreneurial skills, identified top teams, and promoted innovation and startup culture among students.

Poster Presentation of Ideas and Innovations

The Poster Presentation of Ideas and Innovations, held at MGIT, provided a platform for students to present creative solutions to real-world problems in healthcare, technology, and lifestyle. Eight teams participated, showcasing innovative projects such as the HealthMax App, which won first prize. The event enhanced students' research, presentation, and problem-solving skills while identifying ideas with potential for incubation and real-world implementation.





ARTICLES



MORE THAN SPEED: WHY FORMULA ONE ISN'T JUST ENTERTAINMENT

"I knew he would hit the brakes, because he has a wife and two kids at home."

-Fernando Alonso

Formula One (F1) the highest class of worldwide racing for open-wheel, single-seater formula racing cars sanctioned by FIA, one of the world's premier forms of motorsport. A Formula One season consists of a series of races, known as Grand Prix. A point scoring system is used at Grand Prix to determine two annual World Championships: A Constructors Championship and The Drivers Championship.

A Formula One Grand Prix event spans a weekend. It typically begins with two free practice sessions on Friday, Saturday is the Sprint Qualifying which decide the Grid positions for Sunday and Sunday is the Race Day. The finale is hosted by Abu Dhabi, the Yas Marina Circuit, fan favourite being Circuit de Monaco, personally my favourite is the Singaporean, Marina Bay Street Circuit.

"There are two religions in Italy, there's the Catholic church and there's Ferrari"
- Will Buxton

Ferrari, the only team with maximum number of constructor championships, find themselves struggling with a slow car since this year, the Tifosi's have had a disappointing year, especially it being Lewis Hamilton's first year in Ferrari. On the other hand, although Red Bull Racing, had a difficult start at the beginning of the season, however the comeback by Max Verstappen was "simply lovely". Although Mc Laren have had an exceptional performance from the very beginning won the constructors championship and Lando Norris won the world champion title.

The sport not only demand physical fitness and mental strength but also has the unforgiving nature of high-speed pressure competition which only spices up between the driver's causing epic overtakes, paddock rivalry, fandom wars keeping the fans hooked to the sport.

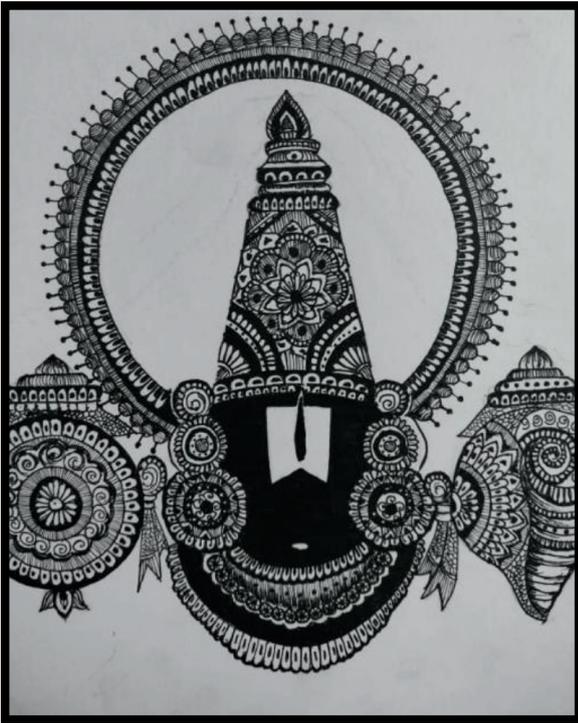
"The downfall of any leader in a sport's team is when he gets carried away with his own ego." -Toto Wolff

Simran
CSB
1st Year



ARTWORK





Mylavarapu Venkata Sriya



D Vaishnavi ECE 3RD Year



Vaishnavi Matcha CSE



Chiriki Chandana
22261A1215
IT - 4th year

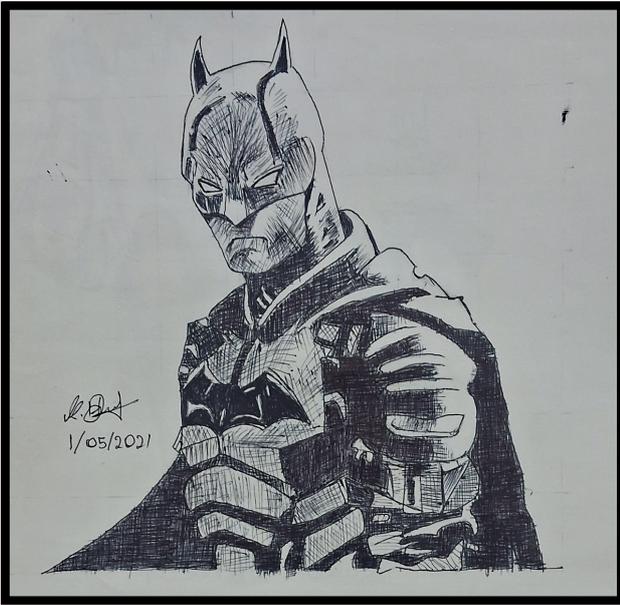


Harris Mithran 1ST Year

Sucharitha EEE 2yr



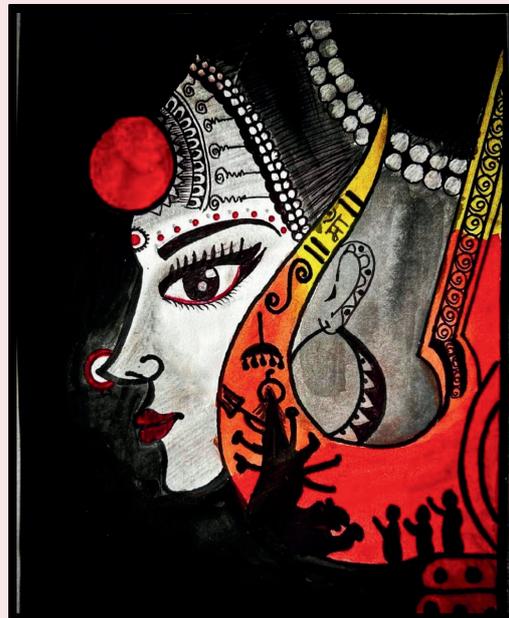
Kalavala Siri 1ST Year



K Hanuman Dhanush
MECH 3RD Year



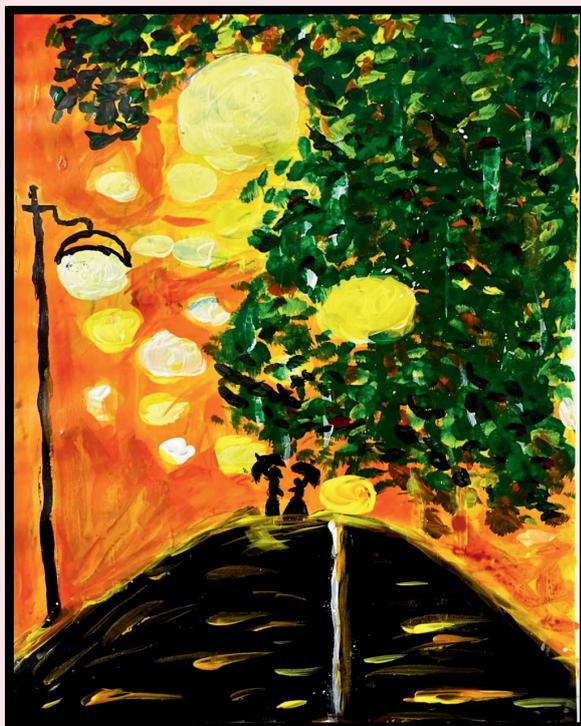
Harsha Sree Gayathri Puralasetty
CSE-2 ,3rd year



C. Ashwindh Kumar ece-3 3yr



Pannala Shloka Reddy
CSM 1ST Year



Ms SK Arshiya Julma
Asst.Prof.Dept of IT



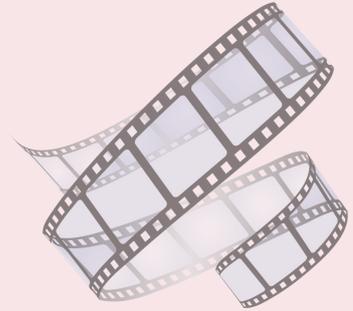
Gaddam Ashrith Reddy
1st yr-MCT



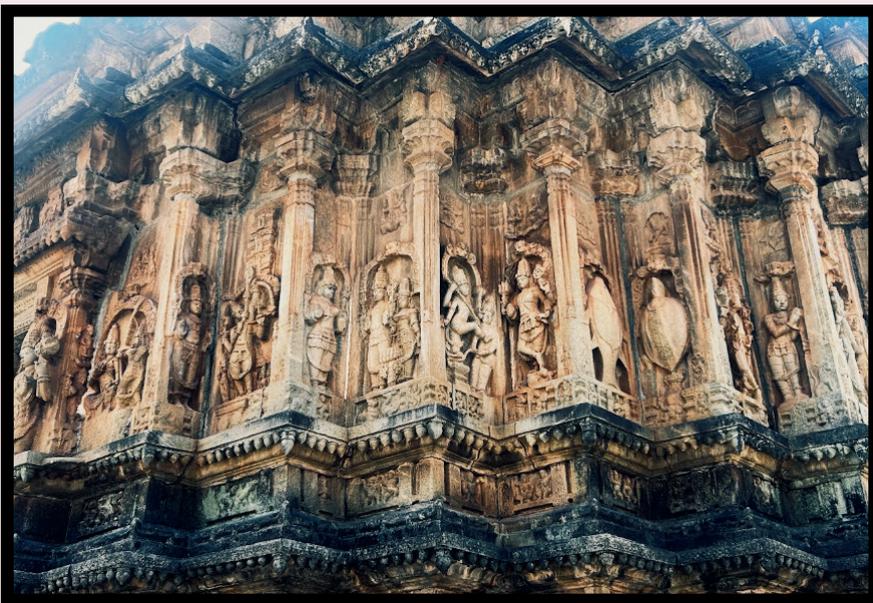


CAPTURES

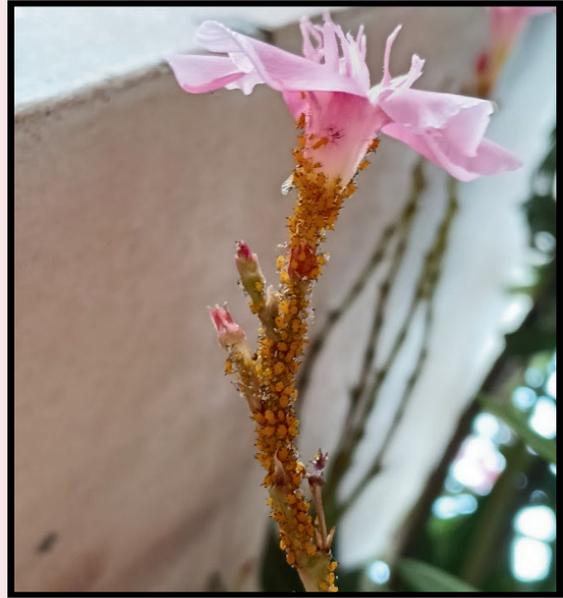




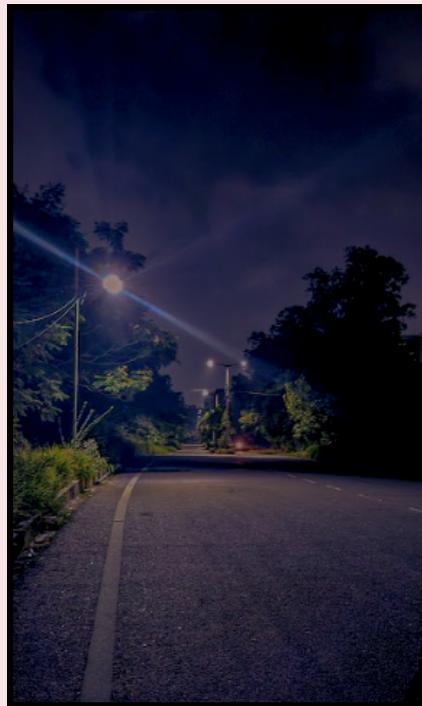
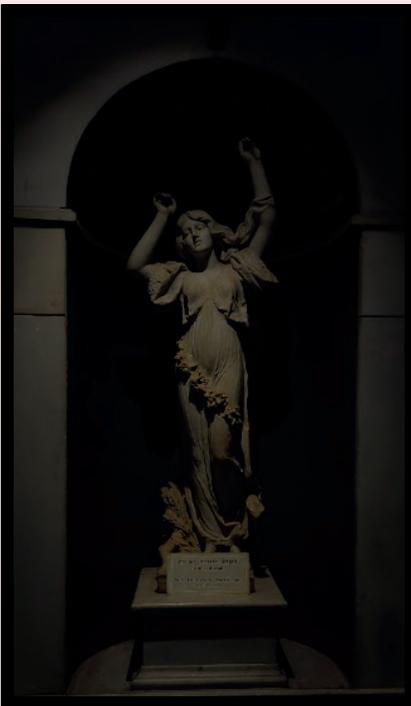
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Musings 2026



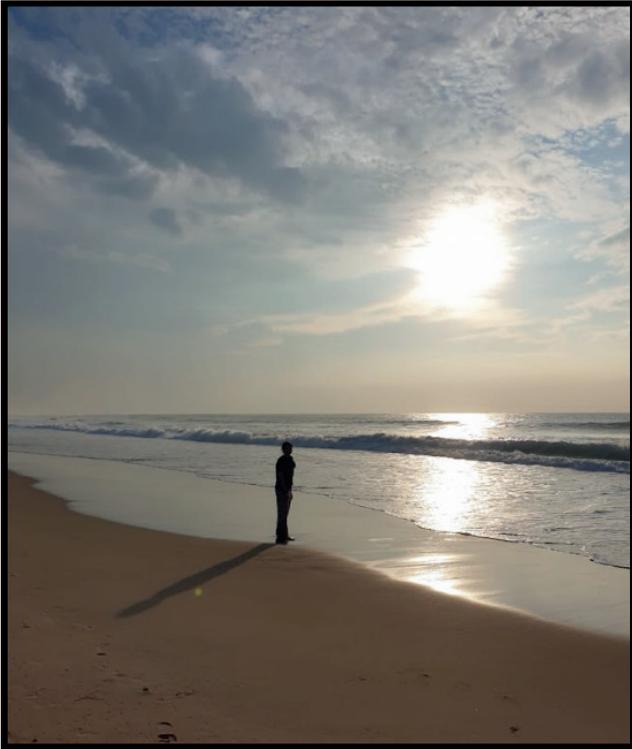
P RAMYARANJINI
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DHURJATY CHENCHU ASHMITHA
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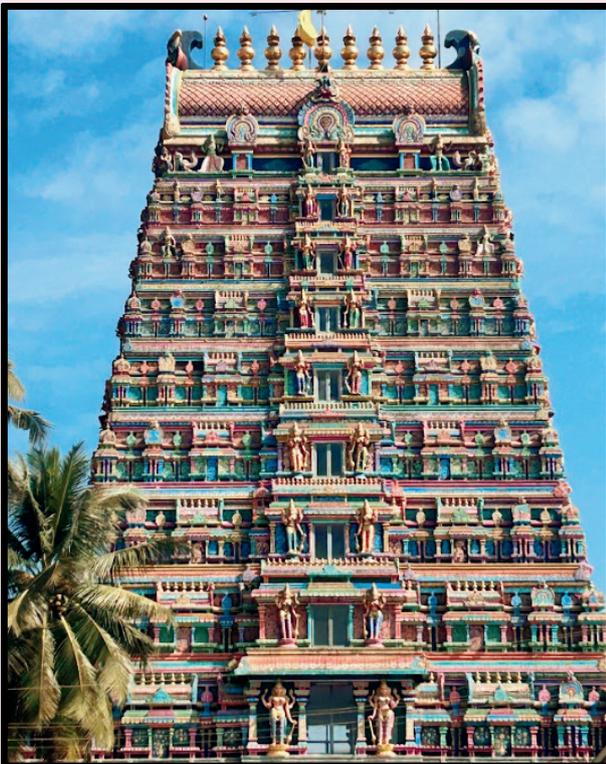
Musings 2026



D.AMOOLYA
Cse-2, 3rd year



Mylavarapu Venkata
Sriya



Konakanchi Hema Koustubha
ECE VIII SEM_4



Musings 2026



U. Srivalli Ashritha
ECE-3

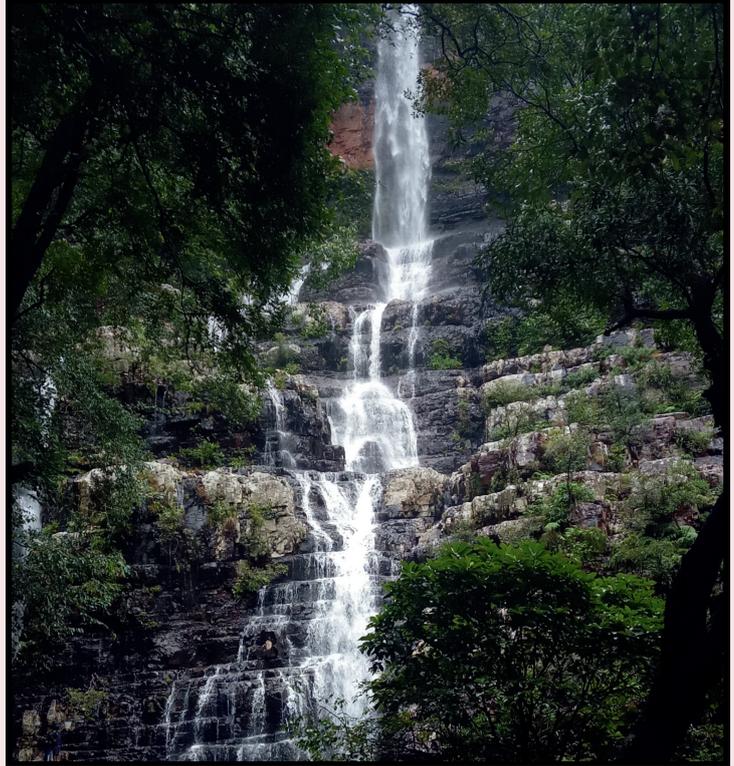


M.Vidya CIVIL



O.Sania Mary
2nd year CSM

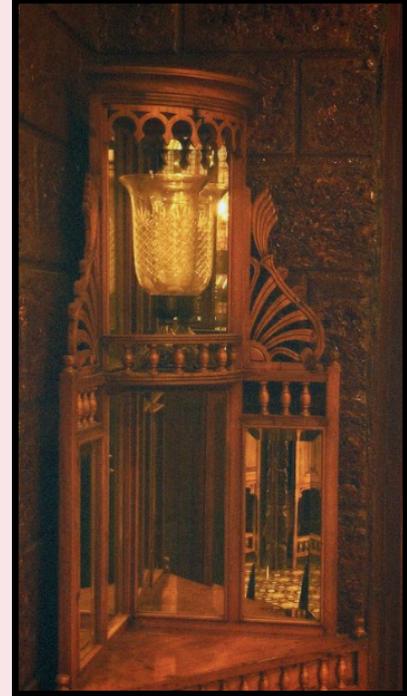
Musings 2026



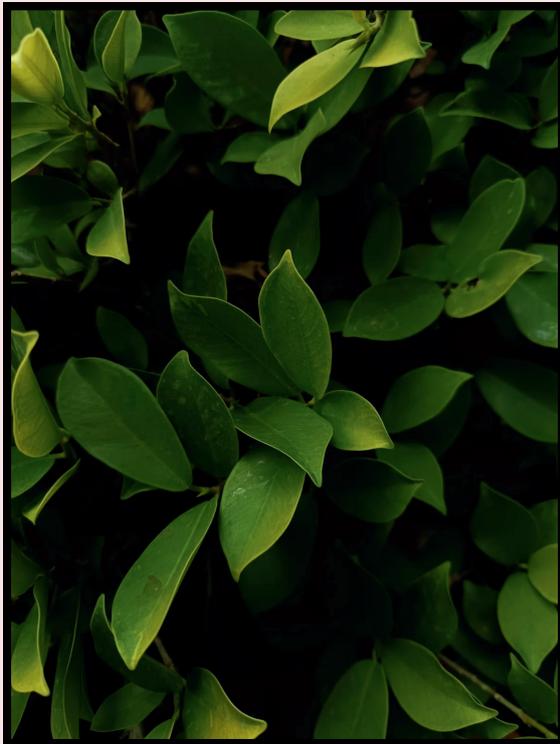
**SREEKAR
KODAKALLA**



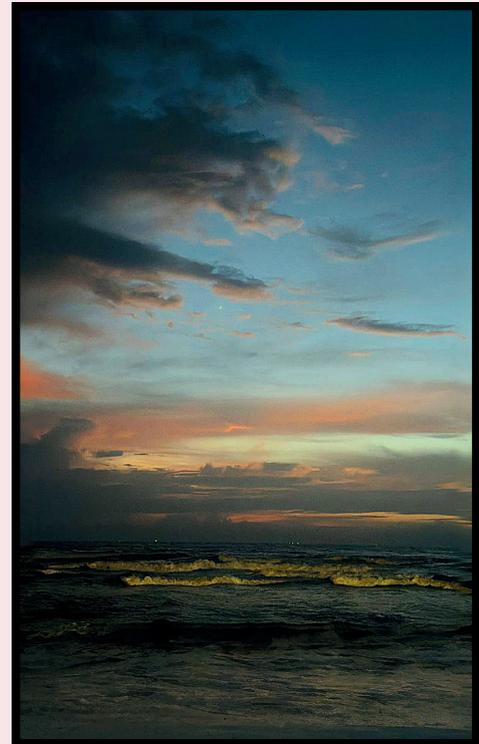
Musings 2026



Uppuluri Venkata Karthik



K. Monasri
2nd year CSM



M. Spandana
2nd year CSM





Dr. Ghousia Sultana
M &H Dept.



POETRY



కుటుంబం

మనసులోని భావాలను వ్యక్తపరిచే సన్నిధి,
ఇది నాదో ఓ మధునిధి,
బాధ కలిగినప్పుడు కలుగకుండా నాకు ధైర్యం,
అందుకు నీవే అసలైన కారణం,
ఎవరికైనా ఇది ఒక మనోహర దృశ్యం,
ప్రారభించిన కార్యం నిండు మనో నిశ్చయము,
ఎక్కడా వెనక్కి తగ్గని నేను ఎన్నో
నెమలి ఈకలు, ఆశీర్వాదాలు మరెన్నో,
మనసులను పండించే ఓ విజ్ఞానపథం,
నా పట్ల ఇది ఓ ఆనందపథం,
నిజానికి, ప్రేమకి ఇది ఓ సన్నిధి,
ఎప్పటికీ, తరగని మధునిధి,
ఎప్పటికీ చెరిగిపోని అక్షరాల పుంజం,
ఇదే నా ప్రేమకు ఒక కుసుమం.

D.Amoolya
CSE-2
3rd year
23261A0581



ఆ తామరకి సరస్సులా

ఈ రేయికి జాబిల్లిలా

నీ లక్ష్మ్యానికి గమ్యంలా

నీ హృదయద్వారాలకి పాలకుడిలా

నీ బాధకి చిరునవ్వులా

నీ ఆనందానికి కన్నీటి బిందువులా

ఆ రాధమ్మకి కృష్ణుడిలా దూరమవ్వకుండా నా

సీతమ్మకి రాముడిలా తోడుంటానని

మాటిస్తూ....

నీ.....

ROSHAN THAVITI

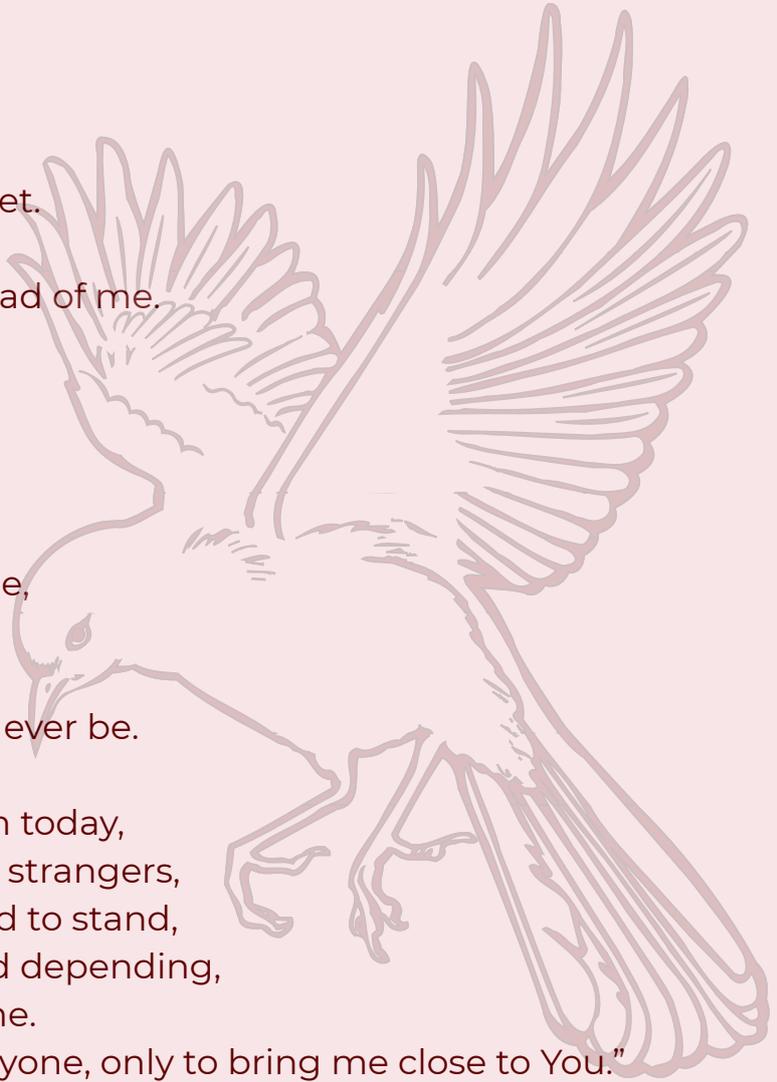
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EEE IV- Year



CLOSER TO HIM

I had to lose myself
to come closer to Him
I used to talk a lot,
like birds that never stay quiet.
I got angry quickly,
My emotions are always ahead of me.
Maybe you had other plans
I changed
I no longer stay angry
No hatred lives in my heart
for those who hurt my past.
I hold no regret, not even one,
I learned that,
acceptance is far greater
than harsh realization could ever be.
It took me five years
to become the strength I am today,
my heart no longer leans on strangers,
it stopped expecting, learned to stand,
It stopped reaching, stopped depending,
I learned to be enough for me.
"You removed me from everyone, only to bring me close to You."
So today,
every "You're too kind,"
every "You're too good" ,they say
belongs to you ,God.
At last
From who I was to who I am,
through my every scar , every fall
~ Thank you God



BANDI SAI POOJA
24261A0306



Musings 2026

Last Few Minutes

For me, a new year isn't about leaving
everything behind
it's about carrying forward what I've already
experienced.

Nothing is going to change
except the year.

They come and go.
They see and leave.
They write and erase.

**BASAVA LAKSHMI
AISHWARYA
25261A0406**



But we never sleep, cry, laugh
and forget
in just one night.

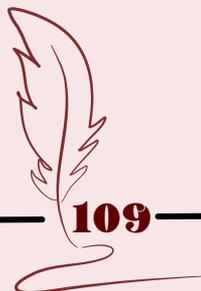
Under the same Moon

apart but hearts aligned

I hope we think of each other at the same time,
staring at the moon and picturing us together.

Our souls might whisper secrets to the trees,
recollecting moments, every now and then —
blushing free.

May our thoughts converge, like tributaries of a river,
breathing together in the harmony of our love.



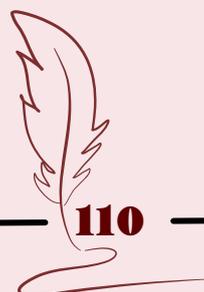
**K. V. S. S. Sindhura
Laxmi Pavani
4th year ECE**

Whisper of Time

We are just being tenants on this earth
Just as the GUESTS are
STAYING on this land
we are working daily to SURVIVE
& to full fill the NEEDS,
with curious & excitement of the future
We may take some leaves to makes
the wonderful MEMORIES of life,
THE MEMORIES doesn't FADE with
TIME & don't VANISH
It's lives quietly in our HEARTS
Even the rich, poor, Saints, Monks,
whoever maybe doesn't even Know.....
The Last WORKING DAY ON THIS EARTH
With the Magic Of NATURE



**Kindraja,
22261A6626,
CSM 4th year**

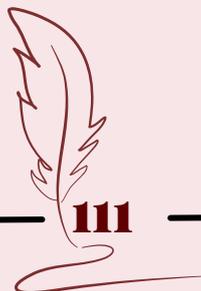


LIFE LESSON

It's ok to fall some or other time
But get ready to rise back
It's ok if you don't get best team
But get ready to take best from them
It's ok if no one is their beside you
But get ready to make the people to feel alone who
are reason for your alone feeling
It's ok if someone says wrong about you
Because they haven't thought anything right about
you till now
It's ok if someone criticises you
Because they are not aware about you
It's ok to feel sad sometimes
Because you can know who withstands by you
It's ok if someone doesn't recognise you
But get ready to surprise them with your presence
It's ok if you are dead
But get ready to rise from ashes like phenix bird
It's ok to be imperfect
Because you are not born to be perfect ,you are born
to be best
It's ok if people are degrading you
Because people always throw stones on the tree
which can give them fruits



Patrakhanda Thanusha
23261A04G8
ECE-3 3rd year 6th sem



STILL ME?

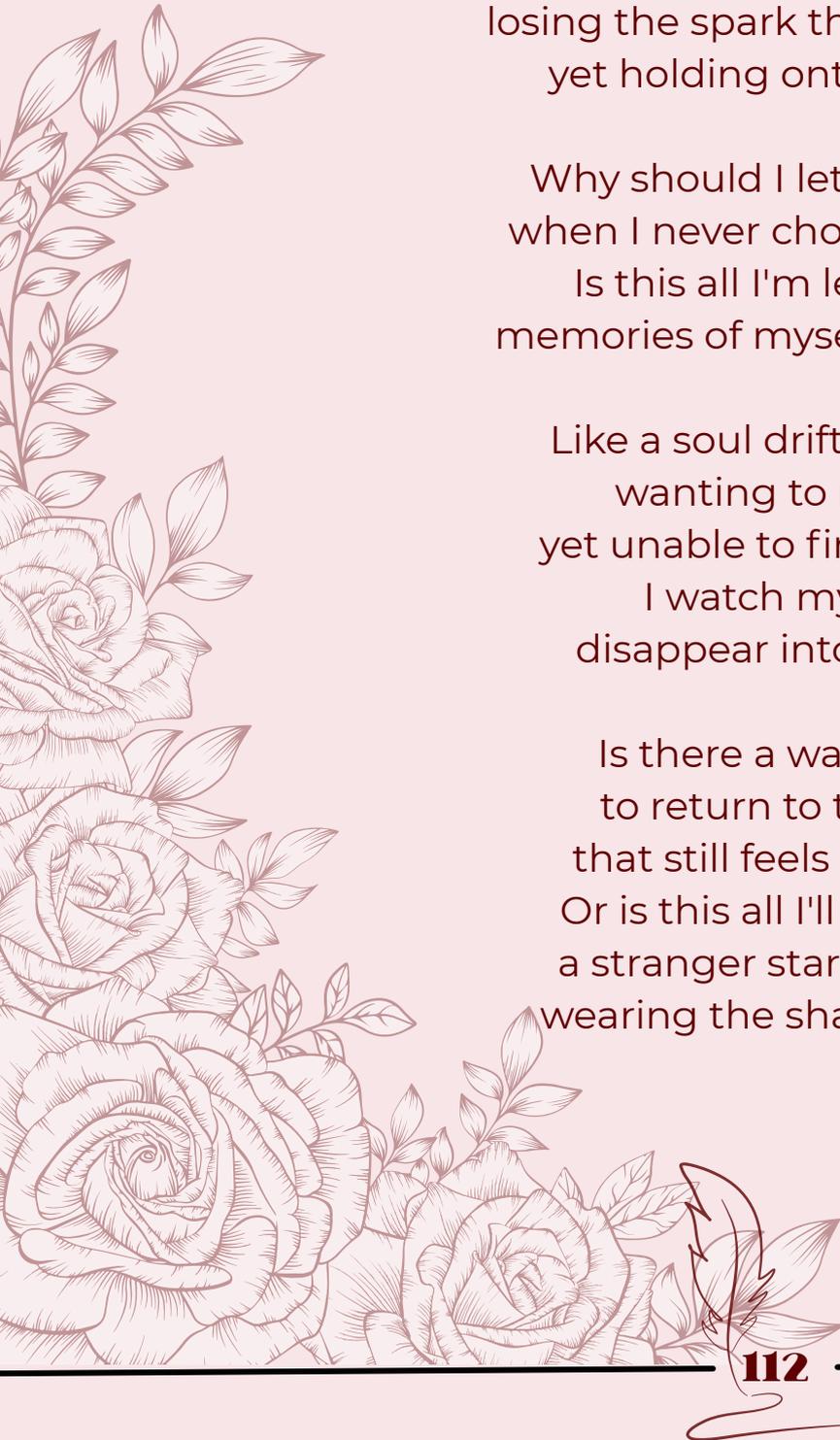
A flower, losing its petals
slowly withering.
A cup shattered,
beyond the hope of mending.
Like a star dimming,
losing the spark that shaped it,
yet holding onto the sky.

Why should I let myself go
when I never chose to leave?
Is this all I'm left with—
memories of myself to grieve?

Like a soul drifting away,
wanting to return
yet unable to find its way.
I watch myself,
disappear into the air.

Is there a way back,
to return to the self
that still feels like me?
Or is this all I'll ever see
a stranger staring back,
wearing the shape of me.

J SINDHUJA
MECH (4th Sem)



PAIN DISGUISED AS DARKNESS

The darkness of the darkest night
Swallowed me in its endless mouth.

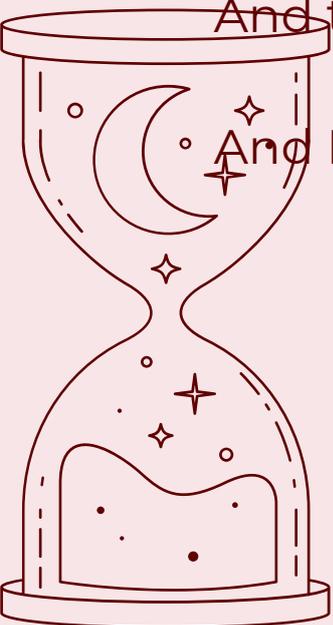
The moon looked on, aching for me,
Trying to shine its light to free me.

But before any sliver touched my skin,
The clouds had stolen all its light.

The darkness of night devours my sleep.
Voices echo in my ears, my eyes searching for the
moon.

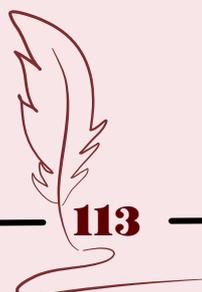
But still I remain trapped within the dark,
And the moon fades, seeing me helpless.

And I wait for a light that never comes



THEKKEPATE HARSHAVARDHAN

23261A1452



Beauty and resilience in every detail

Little lady bloomed through it all.
Embraced the bugs that came .
Shined bright while they crawled through her.
Clung to her cane as they crept and crumbled her.
Wore 'em flaws like a cloak , letting the scars they left , add to
the charm.
Little lady bloomed through it all.

P RAMYARANJINI (22261A0229)

"BETWEEN GOODBYE AND HOPE"

"I loved in storms, I lost in tears,
Still carried hope through silent years.
We let go so our dreams could live,
A broken heart still learns to give.
Not gone from soul, just far from sight,
I walk alone, but toward the light.
If fate allows our paths to bend,
We'll meet as peace, not as the end.
And even if our roads divide,
Love lives as strength, not as goodbye..."

Vikas
Mechanical
4th sem





STORIES



Musings 2026

“విద్యార్థి చదువు భవిష్యత్తు”

విద్యార్థి అడుగులు ఆశల బాటలో నడుస్తాయి
చదువు దీపం జీవితాన్ని వెలిగిస్తుంది
భవిష్యత్తు కలలు కళ్లలో మెరుస్తూ ఉంటాయి
పుస్తకం చేతిలో ఉంటే ప్రపంచమే పాఠశాల
కష్టమే గురువై విజయాన్ని చూపిస్తుంది
శ్రమతో విద్యార్థి తన దారిని తానే గీసుకుంటాడు
చదువు బలమై ధైర్యంగా ముందుకు నడిపిస్తుంది
భవిష్యత్తు నవ్వులు నేటి శ్రమలో దాగున్నాయి
జ్ఞానం ఆయుధమై అజ్ఞానాన్ని జయిస్తుంది
విద్యార్థి చదువే దేశ భవిష్యత్తుకు పునాది

ఆచార్య టి. శివ శంకర్ రెడ్డి

"మరో ప్రపంచం"

నా పయనం మొదలయింది, అంతా చీకటి మయంలో ఉంది ఈ ప్రదేశం, నా గుండెచప్పుడు తప్ప ఏది తెలియడం లేదు, ఎదో కనపడని శక్తి ఇచ్చిన భరోసా తో ముందుకు సాగుతుంది నా ప్రయాణం ఆ మరో ప్రపంచం వైపు, ఆ చీకటి లో నేను పడిపోబోతున్న నన్ను నిలబెట్టిన ఆ శక్తి ని కనుగొనాలి అని పరితపిస్తూ ముందుకు వెళ్తున్నా. ఆ శక్తి నన్ను కను రెప్పలా కాచుతుంది. అదిగో చీకటి వీడి వెలుగు లోకి మార్గం కనిపించింది, ఒక్కసారి గా పరుగులు పెడుతూ గంతులు వేస్తూ తాండవం చేశాను, నా పాదాల గుర్తులు చెరగని ముద్ర లా ఉండిపోయాయి, ఆ వెలుగు లో నన్ను చెయ్యి పట్టి నడిపించిన ఆ నమ్మకం ఆ శక్తి ని నేను చూడబోతున్నాను, ఏవో అలజడులు, ఎవరో యుద్ధం చేస్తున్నారు నా కోసం, చివరికి ఇదంతా నాకోసం చేస్తున్న ఆ శక్తి ని చూసాను, కళ్ళలో కోటి సంద్రాలు తో నన్ను హత్తుకొని ఆ మరో ప్రపంచానికి పరిచయం చేసిన ఆ శక్తి నా ఆదిపరాశక్తి, నవ మాసాలా ప్రయాణం లో మరో జన్మ ఎత్తి నాకు జన్మనిచ్చిన నా తల్లి కి శతకోటి వందనాలు.

పరిణయ పతి శంకర్ కుమార్ రెడ్డి

Assistant Professor

Civil Engineering Department

Destiny

So, have a question what is destiny, start with a story, real incident you may experience something or may you understand and believe on destiny

Here it starts with a young adult who is a college student and he is an introvert type and not much talk and his name is Varun so, he secretly loved a person, everyone thinks like he really doesn't talk to anyone, which is true but once he care or understand their true nature then he will become whole different person and you may think how much introvert this person is? how much introvert means he doesn't tell to that loved person that I have feeling for you, that much introvert and she is a bright, driven young woman she is very clever her name is Prashanthi and he sees her like an angel and helps everytime if she came to college, his face will bright up and glows up like sunshine and if she doesn't come to college with any personal reason then he will feel that pain and don't go to college too and he feels like someone taking his soul away and also like someone stub into his heart, he thinks that some invisible thread tied between them and if she comes he will connect to that soul and feel happy that day, if not he will be isolated and after some time they both exchanged phone numbers due to some college work and he asked every doubt her and share some thoughts with her its going good but she is like that, treat everyone as friend and same and talk like this and same care and thoughts share with everyone, its her nature and he thinks she is only talking with me and caring only me and his expectations increased and he thinks it is love but originally she's not and he went very deep in that feeling because of feeling he never sees that it is an illusion of his thoughts and girl thoughts behaviour makes him feel special but he's not and one fine day she called something that he is not expecting from her and that affects him a lot and his mental pressure increases and he thinks something he did mistake that's why she called like that and he asked her why you called like that and she said why I can't and then he understands this is his imagination and expectations and mistake is mine not her.

He overly loved her that makes him blind and that love only makes her very special and everyone else not special as much as her

He clearly understands one thing that

"IF THE BOND, CARE, LOVE IS MUTUAL THEN ONLY IT SAID TO BE LOVE."

He showed care, love, honesty if she also shares same, means its going to be mutual love

After that he got so depressed and after some time he came out of it and then he doesn't bother her

and she became normal but he's not and he basically doesn't see and talk to her and when they near

its an awkward moment for both and its like that.



Musings 2026

Here after that incident he rarely talk to people and some club selections going on and he skipped every day ,he interested but because of some thoughts he skipped and at last day for selection fee and application ,one of his friend ,this friend know about him and his writings so that friend tell to varun try it man.varun also thinks yeah I have to try and he took his phone and try to pay for selection but his mobile banking went wrong.so he asked his friend but his friend doesn't have money and varun thinks this is my fate and destiny and went to class .its last hour for payment and asked his many classmates no one gave money and atlast his one of his limited friends one friend get money from another friend ,his friend pay the money and he is very thankful for that money .he say I will return it ,went for writing selections with two friends and he is too introvert ,shy and feared to enter into crowded area and one of his friend take him to the room but at door one club member stops his friend and tell to enter only him and he enters.

Club member take him to room .he went in same direction and club member pointed one another club member and called srileela and varun saw her and felt like everything went silent and everyone moving too slow . he is feeling like everything stopped and he is only seeing her and the world around him fades away ,leaving only the connection between the two individuals.simple words love at first sight , at that point time stands still and stand like stone not moving ,his eyes brighten and club member calling him and also same as there when srileela see him also feels same force ,but what it is doesn't understand and varun and srileela eyes lock and stare eachother and stand like statue and both experience one strange connection and club members from both sides brought them in this world again she came near to him and introduced herself .he is shy ,he cant make strong introduction but he told his name and still seeing her.she excuse him and take him with her he followed her she provided a seat with some privacy ,then said all the best you must select and he replied thank you and I will ,then she explains about selection and whatto write she says write something or someone, character,movie plot,anything and submit he says ok and also she says write on a4 paper but he don't have a4 paper and very shy to ask but he somehow he went near srileela and said I don't have a4 papers and after hearing that she immediately asks someone from club for a4 papers .she give to varun and he say thank you went to his seat and thinks what to write and he sees his surroundings . all are writing and he see srileela and he popup an idea and idea is srileela .he decide to write about srileela.he took a pen from his bag packet and start writing ,he writing so passionately and start with question destiny . and how he get here and how he see her ,explain about her.seeing her in black dress is a blessing ,and I don't know eyes also can speak until I saw your lotus eyes.that smile have magic that makes me also smile with you.he feels some strange connection between them .he explains how she start helping in the club and suddenly his pen ink ended and he is struggling ,she is observing him from some distance since she saw him . she took his pen and went near him and give to him.he see her and say thank you very much and start writing about how they met and how destiny brought them together



Musings 2026

And story going well and everyone given but he still writing ,after writing completed he ends with a beautiful quote

“whatever our souls are made of ‘hers and mine ‘ are same.”

He Write his mobile number ,name ,brach and there are many club members are there but he directly went to her ,give it to her and say if you like it please tell me I mentioned my mobile number. I wanna make beautiful scene or short film with beautiful music and she takes it and he went out.after that some members and one club member came and give all writings to her and it happened so suddenly and it mixed with writings and she doesn't know name but starting he tell is name but she forgotten and she try remember that name but she cant ,without his name she cant read his writing and she search for him but he already went .she is very disappointed and she need do next process for verification .and all writings given to club incharge and club incharge see that writings and say they are lot writings and all excited seeing writings except for sri leela and incharge observes and asked her why are you upset and what happened ,she replied iam alright .club incharge say these are many writings so swe have to divide it .there are total 188 writings and divide 4 parts and writing selection purpose 4 members are selected ,each member get 47 writings .selected members are Rohith,Meenakshi,nithin,srileela .there are 20 club members but these 4 are selected and sri leela get very happy that she still have chance to find him and she hope that boys writing should get her.she prays god that boy writing should be in my division .she got 47 writings and she went home and she verified every writing ,every word and some are not good ,some are excellent writings in that only 4 writings left and she prays god in this 4 writings that boy writing should there and she reads that 3 writings in that one own creation is there and atlast only one writing left and she thinks it is or it is not oh god please it should be it. And take it ,that writing start with concept of love at first sight and destiny .in that writer explains a about how met a women ,how he connected to her and he remember what dress she wears and how her eyes and smile have magic and some strange force is connected them and he felt something different and how she helped him during club selection . she is beautiful from outside and even more beautiful from inside . and he also says she is an angel in that black dress and seeing his beautiful eyes , beautiful smile make me very pleasant .and when she is studying that ,she understand it is that boy writing .and she thank to god

and she felt every word as love. “ whatever our souls are made of ‘hers and mine’ are same “.This quote hit very hard to her and she immediately see name and number called him. And he answer unknown call say hello and she only says I like it and I may think about it .and hang out call .he understand it is her and he felt very happy like never before .

Next day morning this all story explaining to his friends and about how he see her ,how she helped him etc.

It will continue ,may be or maybe not



He understand a great life lesson it says

I MAY LOVE SOMEONE WHO DOESN'T LOVE OR CARE FOR ME , BUT SOMEWHERE THERE IS SOMEONE WHO SECRETLY LOVES AND CARES FOR ME.THOUGH I DON'T KNOW WHO THEY MAY BE DESTINY WILL EVENTUALLY LEAD ME TO THEM .WHATS MEANT TO HAPPEN WILL ALWAYS FINDS ITS WAY, AND I BELIEVE THAT IS DESTINY.

“YOU CANT TRULY APPRECIATE SWEETNESS WITHOUT TASTING BITTERNESS.”

“THOSE WHO UNDERSTAND WILL STAY ; THOSE WHO DON'T ARE NOT MEANT TO.”

“DESTINY WILL BRING THE RIGHT PEOPLE INTO YOUR LIFE.”

“DON'T OVERTHINK IF YOU WANT TO SAY SOMETHING THEN SAY IT WITH HONESTY ,WHAT WILL

HAPPEN IT HAPPEN,GOOD OR BAD ACCEPT BOTH AND MOVE ON.”

Kouda Rohith
ECE VIII Sem

6 Months in MGIT, A Journey I didn't expect!

When I stepped into MGIT, I got those “Give me some sunshine, give me some rain” vibes, and a Rancho (from 3 idiots) was born. The thing which excited me the most was that the famous Shekhar Kammula movie, Happy Days was partly shot in my college, so I was totally living in a delusional world. I honestly wasn't expecting much from this decision because my earlier decisions were disastrous. But the campus was wonderfully aesthetic, with perfectly aligned blocks, lush greenery, huge grounds, and a well-equipped canteen offering all kinds of cuisines but the chicken biryani and Oreo milkshake having the unreal craze. After spending two years in what felt like a gas chamber during JEE preparation, stepping into MGIT felt like finally seeing the outside world in full color. I remember on the first day our maths sir told that Btech life is usually called the golden period in any person's life, which excited me a lot. Apart from campus, the next big thing people talk about in BTech life is friendships, and I met some lovely people in MGIT. What makes the MGIT community unique is that people here have been away from urban lifestyle. Look, now my entire childhood has been in a metropolitan city, so I am used to being around people who are also based in Hyderabad. but here the people come from different corners of Telangana, who are not that used to the modern idea of city life, what I am trying to say is that you get to learn a lot of new things from them. Its been just 4 months since my college has begun, but I have met people who are as close as my family for me right now, its quite strange that I didn't even know these people existed a year ago and now they form a core part of life. Looking forward to spend the next 3-4 years at this wonderful place and make countless memories!!

Aniket Mahendrakar
1st year EEE
25261A0204



My Journey in Mahatma Gandhi Institute of Technology (MGIT): A Story of Growth, Commitment and Purpose

An institution is not built only with infrastructure, policies, and systems it is built with people, values, and shared vision. My journey at Mahatma Gandhi Institute of Technology (MGIT) stands as a testimony to this belief. Over the years, MGIT has not just been my workplace; it has become a space of purpose, belonging, and continuous transformation.

From the beginning, MGIT provided an academically enriching environment that encouraged excellence, discipline, and lifelong learning. The institution's strong focus on quality education, research orientation, and student-centric teaching has shaped my growth as an academician. Teaching here has always been more than delivering content, it has been about shaping minds, building confidence, and nurturing responsible individuals.

A defining dimension of my journey has been my involvement in innovation, entrepreneurship, and student development initiatives. This culture of innovation has enriched my professional vision and strengthened my commitment to institutional growth.

Leadership and service have been integral to my experience at MGIT. The opportunities to contribute through academic, administrative, and developmental roles have helped me grow in responsibility, integrity, and decision-making. MGIT has taught me that leadership is not defined by designation, but by dedication, service, and accountability.

Mentorship has been the most fulfilling aspect of my journey. Guiding students in academics, innovation, career development, and personal growth has been a deeply rewarding experience. Watching them evolve into confident, skilled, and socially responsible individuals is the greatest achievement of my professional life.

As I reflect on my journey, I realize that MGIT has shaped not only my career but transformed me from a learner into a leader, from a teacher into a mentor.

MGIT is not just an institution to me. It is the journey that shaped my path, the purpose that guides my vision and the identity that defines who I am.

Dr.K.Chiranjeevi Sabitha

Assistant Professor

Department of Mechanical Engineering

Mahatma Gandhi Institute of Technology

STORY - THE MIRROR

In a jungle inhabited by many animals, a lone rabbit felt discouraged. One day, the lion, king of the jungle, announced a seminar, and the winner would be crowned the wise president of the jungle. All the animals began preparing, loudly discussing their topics with each other. However, the rabbit felt sad, thinking, "Who will listen to my speech?"

On the seminar day, all the animals failed to impress the lion, but the rabbit confidently presented its speech and won the lion's approval. The lion declared the rabbit the wise president of the jungle.

A curious rat asked the rabbit, "How did you achieve this? You didn't share your speech with anyone, yet you won. How?"

The rabbit smiled and said, "It's simple. I didn't have people to listen to my speech, but I had myself. I believe in myself more than others. Telling my speech to others wouldn't have corrected my mistakes. Instead, I talked to myself and practiced in front of the mirror. This way, I could identify and correct my own mistakes."

The rat was puzzled and asked for further clarification. The rabbit explained, "Talking to others about your ideas and speeches is fine, but ultimately, it's you who has to rely on yourself. So, I chose to talk to myself and prepare in front of the mirror. That way, I could refine my thoughts and presentation."

MORAL: Talk to yourself; that's a conversation you'll always have. Believe in yourself, and you'll be unstoppable.

NANDHU KAMMAMPATI

24265A0112

CIVIL

VI SEM 3rd YEAR





Staff of MGIT





DEPARTMENT OF CIVIL ENGINEERING



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



DEPARTMENT OF MECHANICAL ENGINEERING



DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



DEPARTMENT OF INFORMATION TECHNOLOGY



DEPARTMENT OF EMERGING TECHNOLOGIES



DEPARTMENT OF PHYSICS AND CHEMISTRY



DEPARTMENT OF METALLURGICAL AND MATERIAL
ENGINEERING



DEPARTMENT OF MATHEMATICS AND HUMANITIES



LIBRARY AND INFORMATION CENTRE



TRAINING & PLACEMENT CELL



ADMINISTRATIVE SECTION



CONTROLLER OF EXAMINATION SECTION



NATIONAL SERVICE SCHEME



WOMEN DEVELOPMENT COMMITTEE



ACADEMIC AND EXAMINATION SECTION



CAREER GUIDANCE CELL



PURCHASE SECTION



ELECTRICAL
MAINTENANCE



STAFF
TRANSPORT



WATCH AND WARD



HEALTH CARE



GENERAL MAINTENANCE



STUDENT CLUBS



STUDENTS' CLUBS

Vision:

To identify and nurture inherent talent among students and provide a platform to exhibit their skills in various forms of art, cultural, literary and sports activities. To create an opportunity to participate in theatre, arts, dance, music, fine arts, literary and sports events at intra college, inter college, university, state and national levels to provide students with a multitude of exposures and experiences. To achieve excellence in all these forms by multitasking and working in a team building approach with positive relationships among students.

Following are the students' clubs exist:

1. Literary Club
2. Dance Club (Nrithya)
3. Music Club (Symphony)
4. Photography Club
5. Arts Club (Muse)
6. Drama & Film making Club (Spotlight)
7. aDope Club (design club)
8. Persona & Technology Club
9. Universal Human Values Club
10. Yoga & Spirituality Club
11. Gaming Club (AIM)
12. Idea Incubator Club
13. Sports Club
14. Road Safety Club

Joining a club at MGIT opens a world of opportunities:

- Professional Development: Gain hands-on experience in the field of study along with extra and co-curricular activities that build practical skills.
- Networking: Build connections with peers, faculty, and industry professionals, paving the way for future career opportunities.
- Leadership Skills: Take on leadership roles within clubs, developing skills that are highly valued in the professional world.
- Personal Growth: Explore new interests, discover hidden talents, and build confidence in a supportive environment.
- Community Engagement: Participate in community service and outreach programs, contributing positively to society.
- Work-Life Balance: Learn to manage time effectively, balancing academic responsibilities with club activities.

NOVA: The Literary Club



Literary club takes up a variety of activities that promote a love for literature, enhance members' writing skills, and create a supportive community for literary enthusiasts. Some of the Literary club activities include book discussions, author talks, creative writing workshops, literary competitions (like essay writing, elocution, group discussion, debate, story writing), literary quizzes, collaborative writing, collage presentations, slogan writing and picture interpretations, etc. These activities contribute to a dynamic and engaging literary community, providing members with opportunities to express themselves, share their passion for literature, and deepen their understanding.

Our Signature Events

- Model United Nations (MUN) – A prestigious event that challenges participants to engage in diplomatic debates, develop critical thinking, and enhance public speaking skills while simulating real-world international discussions.
- Querencia – A thrilling two-day event designed to merge entertainment with literary excellence.
- Eunoia – Our annual recruitment program, structured to select the best and brightest minds for Nova.



Beat Cruisers: Dance Club



Students of Dance Club will participate in dance competitions and cultural events on various occasions. It conducts workshops and training sessions for the members of the club to enhance their skills. It conducts dance competitions on different occasions and encourages freshers to join the club through an effective enrollment process.



Symphony: Music Club



Students of the Music Club participate in music competitions and cultural events on various occasions.

The club organizes music competitions on different occasions and encourages freshers to strengthen the music club through an effective enrollment process.

It conducts workshops and training sessions for members to enhance their skills.

The Music Club conducted an auditions for the students on 31st January 2026 to encourage passionate musicians and bring fresh talent to the club.



DOP: Photography Club



Depth Of
Perception
MGIT

The Photography Club serves as a platform for passionate shutterbugs, aspiring photographers, and visual enthusiasts of the institution to explore the vast realm of photography.

Through a blend of workshops, seminars, photo walks, competitions, and interactive sessions, the club provides a diverse range of opportunities for the members to enhance their photography skills.

The club encourages experimentation with different techniques, styles, and perspectives, empowering members to discover their unique visual voice.



Muse: Art club



Members of the club showcase and display the best artwork during various events organized by the Institute, and they also conduct the art competitions. A Painting competition was conducted on 29 April 2025 initiated by the Telangana Anti-Narcotics Bureau. Students of the Art club – MUSE created Rangoli artwork as part of the inauguration of a 2-day national level technical symposium for MAGISTECH ISTE student chapter on 13th and 14th September 2025. Students of the Art Club – MUSE carried out artwork as part of a 2-day internal Hackathon in preparation for Smart India Hackathon 2025 held on 23rd and 24th September 2025.



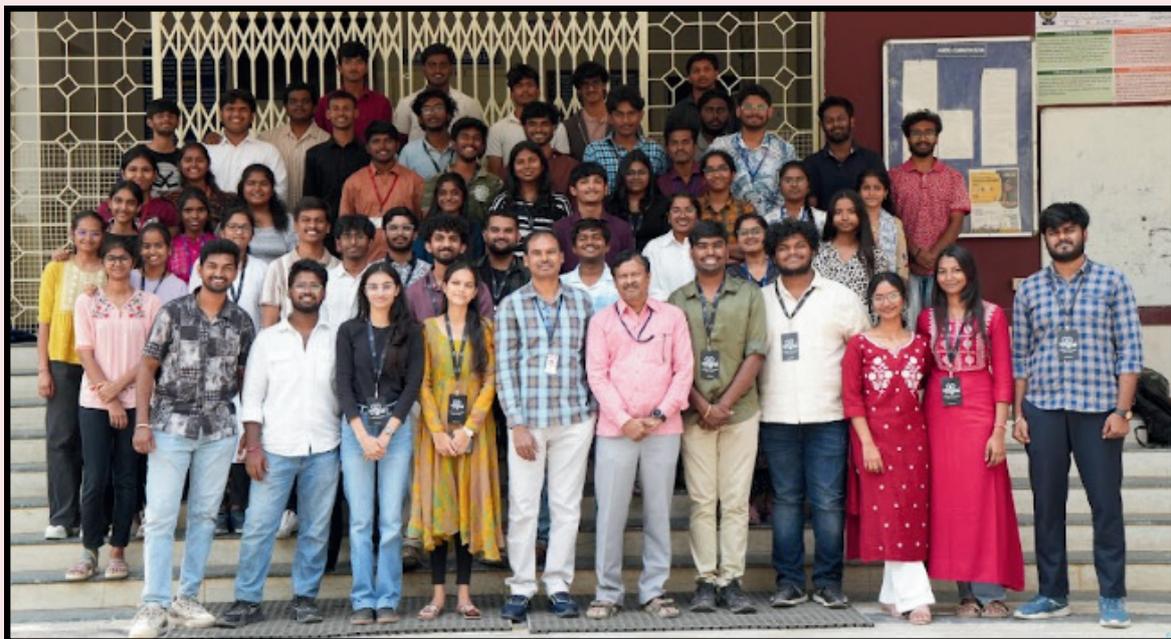
Spotlight: Drama Club



Activities of the club include Short film development, shooting, editing and publishing on Social Media. Students come together to create, learn and collaborate on projects, developing their ideas through the pre-production, production, and post-production process.

The club meets during scheduled sessions giving students a chance to see their ideas evolve and gain experience in various aspects. Members of the club conduct competitions and give performances on different occasions in drama and film making.

Spotlight successfully hosted an inspiring session on science, spirituality, and leadership by Satya Agurs Chandra Dasa, President of the Akshaya Patra Foundation and IIT Madras alumnus. From powerful talks to music, fun activities, and dynamic dance performances, the event brought together learning, creativity, and inspiration on one stage.



aDope: Design Club



The club works on creativity and imagination through virtual arts like designing posters and ideas. It conducts workshops and competitions focused on innovative designs.

Club Activities

- Poster designing and video editing for the annual fest (Nirvana).
- Banner launch for annual fest (Nirvana).
- Conduct workshops in college.
- Conduct a design contest in college.
- Designing various posters, and logos, etc, for college.



Persona & Technology Club

It undertakes activities such as arranging of lectures and training programs related to technology and personality development. It facilitates students participation in technical paper/poster presentations, quiz etc.

The Persona & Technology club organized an Artificial Intelligence and Machine learning (AI & ML) workshop that introduced students to the core concepts of AI & ML. It was an interactive session where the speakers explained the core concepts in detail and clarified their doubts.

As part of the workshop, a session on OpenCV was conducted in which two club members showcased their projects. This live demonstration helped students understand how computer vision integrates with object detection and image processing.

A lecture on Data Visualization was delivered by Dr. T. V. Rajini Kanth, Professor in the Department of ET who shared insights on how data can be represented visually.



Universal Human Values Club:

It undertakes activities related to Universal Human Values arranging lectures, workshops, and seminars etc. It focuses on promoting and exploring values that are considered fundamental and universally shared among diverse cultures and societies. It creates a supportive and reflective space for its members to explore, discuss, and embody values that contribute to personal growth, ethical decision-making, and positive social change.



Yoga & Spirituality

It undertakes activities like arranging the lectures and practice sessions related to Yoga and Spirituality.

Sports Club

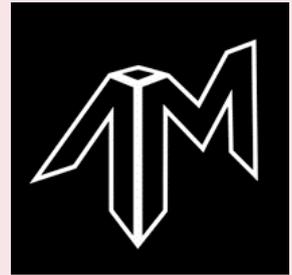
Games and Sports activities are planned by the club and it encourages students to participate in competitions at various levels.

NEP SAARTHI CELL

“IKS-based panel discussions relevant to different disciplines” organized by NEP-SAARTHI MGIT on 30th August 2025 at 12:30 pm in the conference room.



AIM: Gaming Club



AIM Gaming Club is the epicenter of digital competition and innovation at MGIT. In a world where gaming has evolved from a pastime into a global phenomenon, we provide a high-octane platform where strategy meets reflexes.

We don't just play; we analyze, compete, and create. AIM is a sanctuary for those who see gaming as an art form, a technical challenge, and a path to community. Our mission is to cultivate a dynamic, inclusive environment that celebrates the full spectrum of gaming culture. We bridge the gap between casual enthusiasts and professional aspirants.

AIM envisions a campus where gaming is recognized as a legitimate pillar of growth and social connection. Our goal is to forge an inclusive space where every gamer regardless of their platform or skill level—feels valued and heard. We aim to craft unforgettable experiences, transforming digital interactions into everlasting bonds and lifelong friendships.



IDEA INCUBATOR



Established in 2019, the Idea Incubator is MGIT's premier launchpad for visionaries and problem solvers. We believe that an engineering degree is most powerful when paired with an entrepreneurial spirit. We aren't just a club; we are a laboratory for the future, where raw ideas are pressure-tested and transformed into viable, high-impact solutions.

Our mission is to lead MGIT into a new era of research and entrepreneurship. We aim to equip every 'MGITian' with the toolkit required to excel on the national stage—not just as students, but as pioneers. Idea Incubator envisions a campus where innovation is a default setting. We strive to create an ecosystem where students don't just look for jobs — they create them. By fostering a culture of collaboration and relentless curiosity, we aim to place MGIT at the forefront of national research and startup landscape.



Idea Incubator Club Programmes

1. Website Launch of Idea Incubator

Date & Venue : 20th August 2025, MGIT

The Idea Incubator officially launched its debut digital platform in the entrepreneurial ecosystem. The event included a comprehensive orientation covering the club's mission, structure, resources, and membership benefits. Participants underwent foundational training in core startup competencies such as market analysis, problem-solution fit, lean Canvas methodology, innovation frameworks, and venture-building fundamentals, establishing a strong conceptual base for future programs.



2. 0 to Startup in 180 minutes:

Date & Venue: 20th August 2025, MGIT

A high-intensity, rapid execution workshop focused on lean methodology and the “build-measure-learn” philosophy. Participants were challenged to conceptualize, iterate, and prototype startup ideas within a three-hour time frame, emphasizing speed, MVP development, and overcoming analysis-paralysis. The session concluded with a collaborative ideation round to develop internal innovation initiatives for the club.

3. Startup Launch of LearnApart

Date & Venue: 25th August 2025, MGIT

An inter-collegiate flagship event celebrated the official launch of “LearnApart,” a student-incubated startup developed entirely within the Idea Incubator ecosystem. The event showcased the club’s incubation strength and provided a competitive pitching platform for student innovators. Founders presented validated business models to regional mentors, angel investors, and industry experts, opening avenues for seed funding and strategic partnerships.

4. Business-Plan Event

Date & Venue: 30th August 2025, MGIT

Prize Pool: ₹18,000

The high-stakes finale of August 2025 entrepreneurship series. Top student finalists presented market-ready business models before an elite panel of venture capitalists and industry investors. Beyond the ₹18,000 prize pool, the event served as a validation platform aimed at securing seed funding and transforming academic ideas into commercially viable ventures.

5. Riskopoly – 26

Date & Venue: 31st January 2026, MGIT

Collaboration: E-Cell IIT Madras

A flagship strategic simulation event conducted in collaboration with E-Cell IIT Madras. Participants navigated simulated market recessions, supply chain disruptions, and cash-flow crises, testing resilience, adaptability, and strategic decision-making. Top performers qualified for the Riskopoly Finale at the IIT Madras E-Summit, gaining national-level exposure.



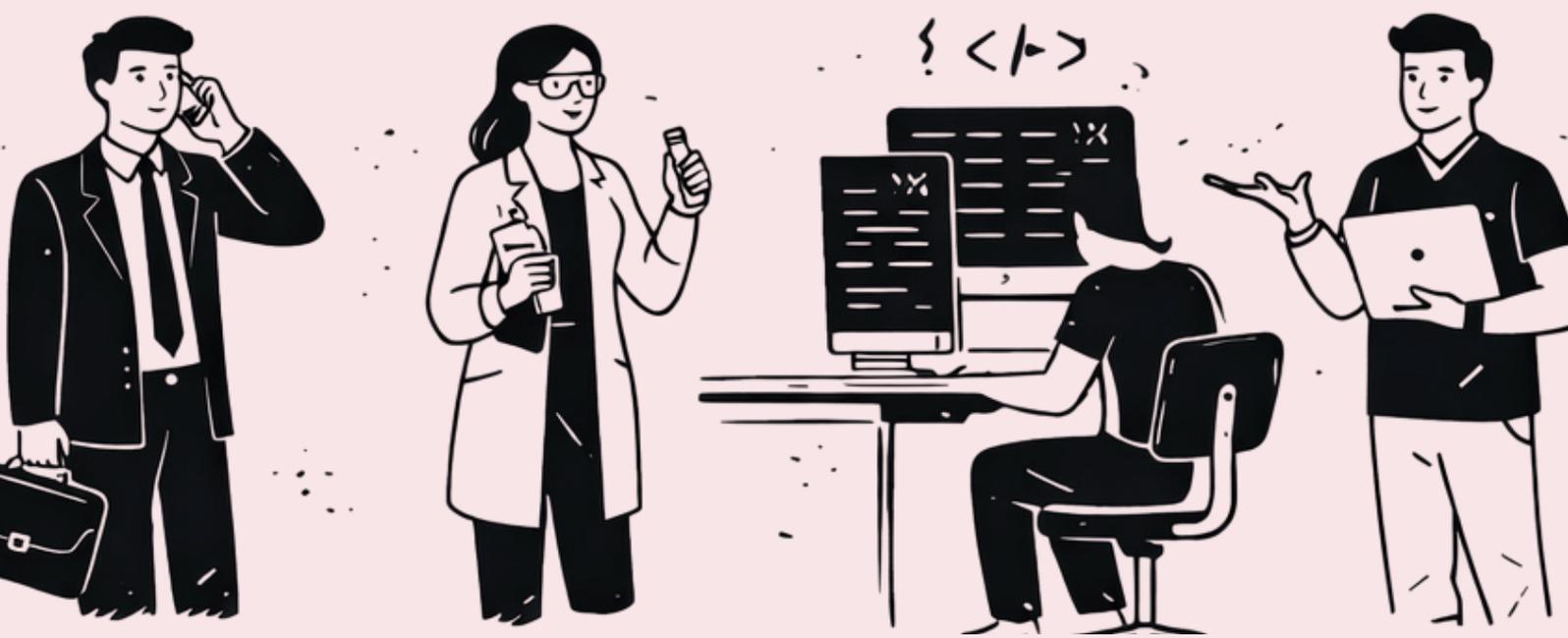
Road Safety Club

The Road Safety Club is formed with the aim of imparting the road safety awareness among students. The faculty of Civil Engineering Department engage in this awareness initiative during the Induction programme for the first year students and also, during the National Road Safety week in January, 2026. Various competitions were held for the students on Road Safety.



The Department of Civil Engineering and NSS Unit of MGIT jointly organized National Road Safety Week Awareness programme on 23rd January, 2026. The Chief guest Sri A. Muralidhar garu, SI, Narsingi PS emphasized on various road safety measures that should be adopted by the youth in view of the alarming statistics on road accidents. Dr. ChandraMohan Reddy, Principal of MGIT emphasized the need to drive safely considering the traffic and roadway condition that prevail in developing counties like India. Dr. V. Venkat Ramayya, Assoc. Professor & HoD Civil Engineering highlighted the educational measures in place in form of Road Safety Engineering course introduced in the new curriculum from 2025. The guests distributed prizes to students for the competitions held on the occasion of National Road Safety Week.





Alumni





Alumni Association: Inception and Activities

Dr. RVSM. Ramakrishna
President
MGIT Alumni Association

The MGIT Alumni Association was established in 2005. Since then, the Association has been involving itself in strengthening its activities through conducting periodic meetings within and outside the Institute. The Alumni of all Engineering Departments of the Institute have been visiting the Institute and guiding the undergraduate students in shaping their careers. All the Engineering Departments of the Institute have appointed the respective Alumni Coordinators (faculty members). Monthly meetings are held to as a whole to track the records of the respective Departments and also the Institute level. Undergraduate students are provided with Alumni data and are encouraged to interact with them time to time. Till date, 13 Alumni meets have been organized at institute and department level where Alumni interactions are being held periodically. It has become customary for all the Engineering Departments to organize at least one Alumni interaction Talk per month. Some alumni, who have established their own industries, organizations or software centers have been coming down to recruit the undergraduates of the Institute in their organizations. In addition, alumni of respective departments contribute financially towards the smooth conduct of departmental technical events. Some alumni also support academically strong but economically weak undergraduate students of the Institute by paying their annual tuition fee. During the Institute Level Alumni meets, the alumni provide various suggestions to help students prepare for challenging tasks after graduation.

MGIT Alumni Reunion Meet (Reminiscence – 2025)

MGIT hosted the much-awaited MGIT Alumni Reunion Meet, Reminiscence 2025 on 20 December 2025 to reconnect with its alumni. This event aims to bring together students from past batches and provide a platform for fostering and coordinating alumni activities across campus. The primary goal of this event is to reunite with MGIT alumni, celebrate their achievements across various fields, and honor their success. Additionally, it provides an opportunity for alumni to reminisce and relive cherished memories from their time at the college. The alumni of MGIT arrived at the college by 3 PM and were warmly welcomed by the reception committee. After a grand reception, they were guided to the registration desk to complete the registration formalities.



Professor G. ChandraMohan Reddy, Principal, extended a warm welcome to the Alumni and addressed the gathering. Professor K Sudhakar Reddy, Vice-Principal of MGIT, conveyed his best wishes to all the alumni who could make it to the occasion and wished their continued support to the institution. As the MGIT Alumni Reunion Meet unfolded, a strong sense of camaraderie and nostalgia was felt as the alumni reconnected and relived the cherished memories of their time on campus.



Musings 2026

The effervescent atmosphere was charged with excitement and fond recollections. Further, the alumni interaction session provided valuable career guidance and insights into higher studies and placement opportunities. Alumni shared personal experiences, shedding light on their professional journeys and the challenges they faced after graduation. The alumni addressed queries of students regarding current job opportunities, and offered suitable advice on how to navigate the competitive job market. They also discussed essential strategies for preparing for aptitude and technical interviews, emphasizing the importance of problem-solving skills and a strong understanding of core concepts.



To mark the occasion, mementos were presented to the alumni and also group photos were taken to commemorate the event, capturing the memories of a day filled with meaningful interactions and shared experiences. At the end of the program, all the Alumni Committee Coordinators expressed their sincere thanks to the alumni for their active participation and support.

Musings 2026

The committee also encouraged all attendees to continue supporting and engaging in future events with the same energy and involvement, ensuring that the bond between alumni and current students remains strong. Cultural performances by few Alumni enhanced the occasion.



Finally, as the event came to an end, the alumni bid farewell to one another, leaving the campus with hearts full of joy and contentment, having reconnected with old friends and contributed to the growth of the next generation of professionals.

Mentoring Talks:

The Department of Metallurgical and Materials Engineering and the MGIT Alumni Association has organized an alumni Talk by Dr. K. Anand Krishna, Professor, Department of Metallurgical and Materials Engineering, IIT Madras as a part of the Alumni Lecture Series. Dr. K. Anand Krishna, a Distinguished Alumnus of the Department, addressed the students on “Computational Mechanical Metallurgy”. The Students of I, II and III Years of MME have attended the talk. His address has filled the students with enthusiasm and they benefited immensely.



The Department of Metallurgical and Materials Engineering has hosted a Alumni mentoring Talk by Dr. CVS. Kiran, Skyroot Aerospace (P) Limited, Hyderabad. Dr. CVS Kiran is a graduate of the Institute (1999-2003). His Technical Talk on Advanced Materials Characterization Techniques was organized as part of the Inauguration of Advanced Microscopy Center (in collaboration with T R Anantharaman Education and Research Foundation) in the department. The talk was attended by the students of Metallurgical and Materials Engineering, Mechanical Engineering, and Mechatronics Engineering sections. Students expressed their satisfaction and stated that they benefited from the address.



ROLL OF HONOR

GOLD MEDALS



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TALLURI VINAY
KUMAR
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VYSHNAVI
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KACHAM MANOJ
KUMAR
21261A04F1



S SATHVIK
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CHINIMILLI
SIDHARDHA
21261A1218



KATAKAM
RUPENDRA
21261A1423



SUNKISHALA
SHARANYA
21261A1811



ARDHA SRIJA
REDDY
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CHOUDARI
LIKHITH
21261A3216



ERRABELLY
SHASHANKA
21261A6617



GUNDALA SAI
SRIJA
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SILVER MEDALS



HANUMANTHUG
ARI
SAI TEJA
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KUSUMA
ABHINAYA SRI
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ABHINAV
PEDAPATI
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CHILAKALA SIVA
NANDINI
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PRATHIGADA
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NEETHIKA
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ATHIMYALA
KRISHNA
REDDY
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JAVVAJI SAI
SRI
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29

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