Manikya Tarangini

RUBY JUBILEE MAGAZINE

2025

LATE SRI. G. PULLA REDDY GARU & LATE SMT. G. NARAYANAMMA GARU

(1920 - 2007)   (1925 - 2010)

RUBY JUBILEE CELEBRATIONS
(Feb, 1985 to Feb, 2025)

Manikya Tarangini
(మాణిక్య తరంగిణి)
....Ruby Jubilee Magazine

G. PULLA REDDY ENGINEERING COLLEGE

(Autonomous)

Accredited by NBA of AICTE and NACC of UGC
KURNOOL

Sponsored by
GUNAMPALLI PULLA REDDY CHARITIES TRUST

प्रो. टी. जी. सीताराम
Prof. T. G. Sitharam
FNAE, DGE, FASCE, FICE (UK)
Ph.D. (Univ of Waterloo, Canada), D.Sc
Post Doc (Univ of Texas, @Austin USA)
Chairman

अखिल भारतीय तकनीकी शिक्षा परिषद्
(भारत सरकार का एक सांविधिक निकाय)
(शिक्षा मंत्रालय, भारत सरकार)
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(A STATUTORY BODY OF THE GOVT. OF INDIA)
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Prof. T. G. Sitharam
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Post Doc(Univ of Texas, @Austin USA)
Chairman

MESSAGE

It gives me immense pleasure to convey my heartfelt congratulations to G. Pulla Reddy Engineering College, Kurnool, on the occasion of its Ruby Jubilee celebrations. Completing 40 years of excellence in technical education is a remarkable milestone, and it stands as a testament to the college's dedication to fostering innovation, skill development,and holistic learning.

Your institution's unwavering commitment to maintaining high academic standards and proactive approach to adopting state-of-the-art infrastructure, demonstrate a forward-thinking vision that aligns perfectly with India's aspirations for a self-reliantand technologically advanced nation.

I am especially delighted to note your efforts in fostering industry-academia collaborations through M0Us and your active engagement in promoting extracurricular and social service activities. These endeavors not only enhance technical knowledge but also instill values of leadership and social responsibility in your students.

On this joyous occasion, as you commemorate 40 years of excellence, may your college continue to scale new heights, contributing to the nation's progress and empowering young minds with knowledge and skills to build a brighter future.

Best wishes for the Ruby Jubilee Issue of your college magazine. I am confident that it will capture the inspiring journey and achievements of this esteemed institution, servingas a beacon of pride for your students, faculty, alumni, and all associated with G. Pulla Reddy EngineeringCollege.

(Prof. T.G. Sitharam)

Prof. Katta Rama Mohana Rao

Chairman I/c, Andhra Pradesh State Council of Higher Education (APSCHE)

MESSAGE

It is with immense pleasure and pride that I extend my heartfelt congratulations to G. Pulla Reddy Engineering College (Autonomous), Kurnool on the momentous occasion of its Ruby Jubilee, marking 40 years of excellence in education. This milestone is a testament to the institution's unwavering commitment to academic excellence, societal development, and student empowerment.

The journey of G. Pulla Reddy Engineering College has been one of dedication, innovation, and an unrelenting pursuit of academic and research excellence. Over the years, the college has not only imparted quality education but also fostered an environment that inspires intellectual curiosity and a deep-rooted passion for serving society—a value that aligns with its noble motto.

I commend the collective efforts of the faculty, staff, and students who have contributed to the institution's remarkable success. The influence of G. Pulla Reddy Engineering College is reflected not only in its stellar academic achievements but also in the significant contributions of its graduates to the Information Technology and industrial sectors.

I am confident that this esteemed institution will continue to shine as a beacon of excellence, nurturing talent and driving innovation. Let this Ruby Jubilee celebration serve as a source of inspiration for future generations, reaffirming the college's mission to shape capable, responsible, and visionary leaders.

I wish G. Pulla Reddy Engineering College (A), Kurnool continued success and many more years of impactful service to education and society.
Congratulations once again on this remarkable achievement.

With warm regards,

(Prof. Katta Rama Mohana Rao)

Prof. H. Sudarsana Rao

Vice Chancellor i/c
Jawaharlal Nehru Technological
University Anantapur

Jawaharlal Nehru Technological University Anantapur
(Established by Govt. of A.P., Act. No. 30 of 2008)
Ananthapuramu - 515 002 (A.P.) India.

MESSAGE

It is an absolute honor to congratulate G. Pulla Reddy Engineering College on reaching this incredible milestone 40 years of excellence in engineering education. The Ruby Jubilee is more than just an anniversary; it is a celebration of four decades of dedication, perseverance, and impact.

Over the years, this institution has not only shaped brilliant engineers but also nurtured thinkers, innovators, and problem-solvers who have gone on to make a difference in the world. What makes this journey truly special is the collective effort of students, faculty, alumni, and leadership, all working together to build a legacy of learning and discovery.

As G. Pulla Reddy Engineering College marks this remarkable milestone, it is a moment to take pride in its achievements and look forward to the boundless opportunities ahead. I have no doubt that this institution will continue to inspire, innovate, and lead, setting new benchmarks in education and research.

May this institution continue to thrive, empowering generations to push boundaries, challenge conventions, and redefine excellence.

With admiration and best wishes,

(Prof. H. Sudarsana Rao)

Sri. P. Subba Reddy
Chairman, GPREC

MESSAGE

As we celebrate 40 years of excellence, I am filled with immense pride and gratitude for how far G. Pulla Reddy Engineering College (GPREC) has come since its inception. From humble beginnings in 1985, our institution has grown into a leader in technical education, setting high academic and ethical standards.

Throughout these four decades, GPREC has not only equipped thousands of students with technical skills but also instilled values of integrity, discipline, and service to society.

The laurels the institution has garnered, including the latest NAAC accreditation of 'A' with an impressive CGPA, reflect our constant strive towards excellence. Our proactive implementation of the National Education Policy (NEP) 2020 through multidisciplinary initiatives and our research centres have paved the way for holistic education. Additionally, GPREC's collaboration with global academies like CISCO, AWS, and Siemens for skill development ensures that our students are future-ready in every aspect. Our placement record speaks volumes about the caliber of students we produce, with top companies such as TCS, Infosys, Cognizant, and Amazon being regular recruiters.

As we step forward into the future, I am reminded of the ancient Sanskrit wisdom:

"Sanskritam Paramaṃ Jyotiḥ" (संस्कृतं परमं ज्योतिः)
"Knowledge is the supreme light."

This profound truth resonates deeply with our mission. Education is not merely a tool for personal success, but a light that illuminates the path toward collective progress and societal well-being. My heartfelt thanks to everyone. Together, we will continue to lead with innovation and uphold the legacy of GPREC for many years to come.

(P. Subba Reddy)

Dr. B. Sreenivasa Reddy
Principal, GPREC

MESSAGE

"The future belongs to those who believe in the beauty of their dreams."

— Eleanor Roosevelt

It is with great pride and joy that I extend my heartfelt greetings to the entire G. Pulla Reddy Engineering College (GPREC) family as we celebrate our Ruby Jubilee—40 years of academic excellence, innovation, and unwavering commitment to engineering education. This journey has been driven by the dedication of our students, faculty, alumni, and industry partners.

Our story is one of continuous advancement. Since the inception of G. Pulla Reddy Engineering College in 1985, we have been driven by a purpose: to push the boundaries of engineering education and to equip our students with the knowledge and skill set to lead in a rapidly evolving world.

Over the years, our curriculum has evolved from traditional engineering fundamentals to cutting-edge technologies. We have embraced disciplines like Artificial Intelligence, Machine Learning Data Science, ensuring our students are at the forefront of modern technological advancements. Our labs, research center, and innovation hub have been pivotal in transforming theoretical knowledge into real-world solutions.

We have forged strong partnerships with leading industries - , allowing our students to engage in real-world projects and internships. The spirit of innovation has driven many of our alumni to launch successful startups. Our incubation center has been contributing significantly to the entrepreneurial landscape.

As we embark on the next phase of our journey, let us be guided by the spirit of innovation, collaboration, and service to society. Together, we will continue to push the boundaries of what is possible, building a future where technology and humanity advance hand in hand.

(Dr. B. Sreenivasa Reddy)

Late Sri. G. Pulla Reddy
Founder Chairman
(10th Jan, 1920 - 09th May, 2007)

Our Founder Treasure

Late Sri. R.V. Seshacharlu

Friend, Philosopher and Guide to Sri G. Pulla Reddy

(4th May, 1920 - 09th April, 2008)

Our Visionary Chairman

Sri. P. Subba Reddy

Our Sanguine Principal

Dr. B. Sreenivasa Reddy

ROSTER OF PRINCIPALS

Prof. R. Giri Rao
(Feb, 1985 - May, 1987)

Prof. T. Sanjeeva Reddy
(June, 1987 - Oct, 1991)

Prof. P. Jaya Rami Reddy
(Nov, 1991 - June, 2007)

Prof. B. Sreenivasa Reddy
(July, 2007 - Till date)

Inauguration of the College by Padmabhushan
Dr. P. Shiva Reddy on 22nd February 1985

G. PULLA REDDY MEMORIAL

G. PULLA REDDY MEMORIAL

కృషియే సర్వోత్కృష్టమైన ధ్యానము
-జి. పుల్లారెడ్డి

Inauguration of Ruby Jubilee Celebrations by Alumni

Unveiling of Ruby Jubilee Logo

CLASS REPRENTATIVES WITH PRINCIPAL

EDITORIAL BOARD

EDITORIAL

The editorial board takes pride and pleasure in editing the Ruby Jubilee Issue of our college magazine christened "Manikya Tarangini". At a time when the dreams of our beloved founder chairman, Late Sri. G.Pulla Reddy garu, about our college have been completely realized, and our college is celebrating its forty momentous years of success; we are all missing him every moment of these celebrations. Though physically absent, his spirit and ethos have been a guiding light, much like 'Manikya (RUBY)' that enriches all it touches. As a humble token of our gratitude, this magazine is sincerely dedicated to him as a symbol of our respect and love.

Permanent affiliation to Jawaharlal Nehru Technological University Anantapur, NBA and NAAC accreditation, autonomous status, introduction of PG programmes, MoUs with reputed industries, best teacher awards to faculty, best placements award from AP government, technical exhibitions, college day celebrations, seminars, workshops: these forty years have been eventful and everyday on the campus has been an important and busy day for everybody. It is time and again proven in our college that hard work always pays off. The development of the college has been steady and every step taken has been on firm ground, hence, sustainable. The management and the administration in unison have made discipline and quality non-negotiable issues on the campus. So, it is no surprise that our college, in spite of the spurt in engineering colleges in the state, has maintained its place as the much sought-after engineering college

Since the academic base of our students is strongly laid in the college, the vagaries in the job market are not much affecting their placement prospects. But none can afford complacency: Today not just opportunities, but also competition is global. Every conceivable repetitive work is automated and none can think of settling down in any job with the little learning in any course. Unless one can do something new and useful or better than others, he puts his career in jeopardy. In a world that is knowledge and technology driven, just degrees cannot take any one anywhere. Innovation which can come only from sound knowledge is the only key to a successful career. A reorientation to knowledge and competency development from that of 'exams and marks' can greatly enhance the career prospects of our young friends. It is a world of convergence and synergy of everything, so something about everything and everything about one thing is the success mantra.

This magazine tried to give form to the hopes and aspirations of the contributors in their fields of interest. We extend our gratitude to every contributor, faculty member, and student. Some contributions could not be accommodated not for lack of merit but for lack of space. As we turn these pages, we celebrate not just forty years of achievements but also the promise of an even brighter future. The editorial board thanks all the contributors and extend their Ruby Jubilee greetings to all the GPREC fraternity.

GPREC : A LEGACY OF EXCELLENCE

Dr. B. Sreenivasa Reddy, Principal

G. Pulla Reddy Engineering College, the pride of Kurnool city, celebrating its Ruby Jubilee, is the brainchild of late Sri. G. Pulla Reddy, the renowned philanthropist. His love for education and care for his native district manifested themselves in the form of our college. Though born after the capitation fee era, on Feb 22 1985, the college had no teething troubles. With the munificent grants from the Management, the college has become one of the premier institutes of Engineering colleges in the state. The EAPCET ranks of the students joining our college bear ample testimony to the reputation of our college in the state.

Our college has been recognized as the First Autonomous Institute (since 2006) in Rayalaseema region. Our college has been ranked Top 5% Engineering Colleges in AP by Outlook's CAREERS 360 magazine. India Today ranked our college as Best College of India 2024. The college has been recognized as College with Potential for Excellecnce (CPE) by University Grants Commission (UGC), Resource Centre for NMEICT of IIT Bombay and NPTEL of IIT Madras, Mentor institution for assisting the Mentee Institutions for NBA and NAAC by AICTE under Margadarshan. Our college is a Research Centre of JNTUA to offer Full-time Ph.D. Programmes.

Beginning with a modest intake of 180 students in three branches of Engineering in 1985, the college has grown in size and infrastructure to admit 1140 students in seven branches of Engineering. Responding to the demand for Post Graduate Courses in engineering, the college has started offering M. Tech Courses in five specializations.

The details of the courses offered by the college at present are:

B. Tech PROGRAMMES (4 Year Course)			
S.no	Branch	Year of Commencement	Present Intake
1	Civil Engineering (CIV)	1985	120
2	Mechanical Engineering (MEC)	1985	120
3	Computer Science & Engineering (CSE)	1991	300
4	Electrical and Electronics Engineering (EEE)	1994	120
5	Electronics and Communications Engineering (ECE)	1985	180
6	CSE (Artificial intelligence and Machine Learning)	2021	180
7	CSE (Data Science)	2021	120

M. Tech PROGRAMMES (2 Year Course)

S.no	Branch	Specialization	Year of Commencement	Present Intake
1	CSE	Computer Science & Engineering	2009	12
2	CIVIL	Structural Engineering	2009	12
3	ECE	VLSI and Embedded Systems	2011	12
4	EEE	Automation and Robotics	2022	12
5	ME	Advanced Manufacturing Technology	2022	12

Five kilometres away from the din of Kurnool city, the college is situated on a forty acre sylvan calmness put into relief by the adjacent hills. In such surroundings conducive to academic pursuits, we have well-furnished and spacious class rooms, huge drawing halls, well-equipped laboratories. The Central Library, housed in a spacious two-storey building, is equipped with 64215 volumes and 14420 titles on racks, and subscribes to about 82 national and 979 international e-journals. The Library has Institutional membership of DELNET, INFLIBNET, British Council Library and NDLI. A digital library, which provides unlimited online access to knowledge on the net to the students and faculty, is a part of the central library. The entire campus is Wi-Fi enabled, students and faculty can access internet from anywhere on the campus. Besides this, each department is provided with a separate department library. A spacious canteen, cafeteria, girls' and boys' lounge, Training and Placement block, Indoor Stadium with wooden flooring, separate Gymnasium for boys and girls with world class equipment are part of the infrastructure, to make the posterity of the two great architects of this institute. A Memorial of the Founder Chairman, Late Sri. G. Pulla Reddy, and his wife, Late Smt. G. Narayanamma, a Statue of the Founder Treasurer, Late Sri. R.V.Seshacharlu, have been erected on the campus. The total floor area of the college is around 4,00,000 sqft. The equipment in the laboratories is continually upgraded and added, in keeping with the changes in syllabus. To conduct Seminars, Conferences, Work Shops and Guest lectures three air conditioned Seminar Halls are provided.

Our buses at staggered timings for each year of the students are taking care of the transport facility of the students. On the campus, we have Union Bank, its ATM, and a Post Office. The R. V. Seshacharlu Dispensary on the campus run by our Management is taking care of the medical needs of students and staff of the college and also the people from nearby areas.

Though we are second to none in physical infrastructure, we consider the main strength of our college is our faculty. They are a perfect blend of experience and youthful enthusiasm. 42% of the total faculty members are Doctorates. Not only students but also the faculty of our college are very much in demand. The college takes pride that so far about 25 of our former faculty have become the principals of various Engineering colleges in the state thus spreading the culture of GPREC.

Keeping pace with the advances in Engineering education, the college has obtained accreditation, for B. Tech programs, from National Board of Accreditation (NBA) of All India Council for Technical Education (AICTE) Five times. The college is also accredited by National Assessment and Accreditation Council (NAAC) of UGC Four times.

The Institution of Engineers (India) has accredited CE, CSE, ME, ECE & EEE courses offered by the college. The college has started Indian Society for Technical Education (ISTE) chapters of both students and faculty. Also, the college has started IEEE Student Chapter for students. These three chapters are actively functioning to help students achieve professionalism in their respective pursuits, highlighting them Nationwide.

We have a Technical forum in each branch of Engineering. They conduct seminars and quizzes on technical topics. They also provide exposure to the students on current technologies by arranging lectures by eminent Engineers from government departments and Industries.

In compliance with the guidelines of UGC for Autonomous colleges, the college has established a Governing Council, College Academic Council, Boards of Studies for each Branch of Engineering, Finance Committee, Grievances Appeal Committee, Examination committee, Library Committee, Studies Welfare and Extra Curricular Activities Committee, Admissions Committee, Planning and Evaluation Committee, Training and Placement Committee, Sports and Games Committee, Consultancy Cell, Entrepreneurship Development Cell, and a Women's Cell for the harmonious and efficient functioning of the college.

The college has academic MoUs with AIGEN Lab, Excel R Solutions, Adventure in Science, AIMERS, YourDost, IEEE, DataFlair, EduSkills, Infosys Spring Board, Maven Silicon, IIITDMK, CED- RTA, CED- Construction Management Institute , IBM, CISCO, Techsys, Infosys, IBM, ORACLE and MICROSOFT. The college is accredited by TCS Ltd. The college has been revising the syllabus at regular intervals to keep pace with the fast changing technologies. Open electives like Indian Constitution, Professional Ethics are offered to students of all the branches. To provide hands-on industrial exposure to students, In House Training Programme is introduced for final year students in which they can do internship in renowned software and manufacturing Industries. Apart from rigorous academic training in core subjects, Soft Skills course is included in the regular syllabus to make the students industry ready. To cope with competitive world, Extra Academic Activities (EAA) have been made mandatory with credits.

For the overall personality development of budding engineers, various forums are actively functioning on the campus:

Centre for Awareness and Discussions (CAD) organizes Group Discussions and Quizzes on current topics to keep the students abreast of the happenings around. The debates conducted by the centre help the students to form learned opinions on various issues.

The Vivekananda Study Circle, as the name itself suggests, is an actively functioning student body in the college with the objectives of Universal Brotherhood and Selfless Service to society, thus inculcating noble values in youth. Bhuvanvijayam, a Literary and Cultural Association, is providing a platform to our students to hone and exhibit their talents in literary and cultural fields. The Management has provided this association with a set of musical instruments. In the field of Sports and Games, our students have excellent record. The college has spacious play fields for games like Cricket, Football, Basket Ball, Throw Ball, Kabaddi, Volley ball. Facilities for indoor games like Shuttle Badminton, Carroms, Chess and Table Tennis are also available. Separate Gymnasia for Boys and Girls are made available for students to keep themselves fit. Our sports men have won a lot of Trophies & Cups in Inter-Collegiate tournaments. Our college has the rare distinction of fielding the largest number of university players from a single college. A good number of our students including girls are in JNTUA university teams like Basket ball, Volley Ball, Badminton, Table Tennis etc.

To enhance students' career readiness, technical expertise, and overall development, GPREC has established dedicated clubs that bridge the gap between academics and industry while also fostering communication, creativity, leadership, and collaborative expression. The Training and Placement Club, founded in 2010-11, assists students with career guidance, internships, and alumni interaction, helping them navigate their professional journeys with confidence. The Coders' Club, launched in 2015, focuses on programming and problem-solving skills, equipping students with hands-on experience in cutting-edge technologies and preparing them for competitive coding platforms.

The English Club, established in 2016, enhances students' Language and Literary skill through a variety of engaging activities that build confidence and effective communication. Nexus, the student-driven media and photography club, captures and documents the vibrant campus life, ensuring student achievements are well-recorded. TEDxGPREC, an independently organized TED event, brings together thought leaders and changemakers, sparking intellectual discussions and inspiring innovation. Together, these clubs and forums play a pivotal role in holistic student development, preparing students to excel in both technical and creative domains while shaping them into well-rounded professionals.

Inaugurated by the world famous Ophthalmologist Dr. P. Siva Reddy on 22nd 1985, our College is celebrating its Ruby Jubilee during Feb 2024. On this auspicious occasion of Ruby Jubilee year, the college has organized several International Conferences, Workshops, technical and general events spread over the entire year. JIGNASA 2024, a National Level Students Technical Symposium was organized on 24th & 25th October 2024.

As it was done during the Decennial Celebrations in 1995, Bi-Decennial Celebrations in 2005, Silver Jubilee Celebrations in 2010, and Pearl Jubilee Celebrations in 2015, during Ruby Jubilee Celebrations a Technical Exhibition was organized on the campus from 17th to 19 February 2025. Besides providing open access to the public to all the laboratories of the departments for three days of exhibition, about one hundred models specially designed and fabricated for this occasion by the students of our college were also exhibited. To encourage the students of Kurnool city, a Science Fair was organized in which school students exhibited their models. About 20 schools participated in the science fair and 100 models wereexhibited by them. The response to the exhibition and science fair was overwhelming and about 50 thousand people visited the exhibition. The yearlong celebrations will culminate on the College day on 22nd February 2025.

Besides providing all the facilities for the academics, Sports, Literary & Cultural Activities of the students, special classes are conducted for Lateral Entry students who join the college late. To provide individual help and guidance to students, each student is entrusted to a faculty counsellor, who takes care of the student's academic and personal matters and monitors the progress of the student. The college has been highly successful on the placements front. Our Alumni are well placed in renowned organizations including Fortune -500 Companies in India and Abroad.

The management of the college is generous not only in providing grants for the development of the college but also encourages meritorious students by instituting Gold Medals and Cash Awards to college toppers and class toppers. To recognize and encourage the academic merit among students, the Management has been giving Complete Tuition Fee Waiver for the entire duration of the four years of B.Tech Course to students joining our college with less than 2000 rank in EAPCET.

With the generous and visionary Management, Learned and experienced and senior faculty, dynamic and energetic young faculty, work minded non-teaching staff, disciplined students and the well-wishing alumni and parents, I am sure that our college will achieve many more distinctions in future.

GOVERNING BODY OF THE COLLEGE

Members from Management :

S.no	Name	Designation	Position
1	Sri.P.Subba Reddy	Chairman, GPREC & Trustee, GPRCT	Chairman
2	Sri.G.Raghava Reddy	Managing Trustee GPRCT	Member
3	Sri.G.Ekambar Reddy	Trustee GPRCT	Member
4	Sri.K.Skanda Kumar	Income Tax Practitioner Kurnool	Member
5	Dr.P.Raghunatha Reddy	Managing Director Sellcraft Global Solutions Bangaluru	Member

Two Teachers nominated by the Principal :

S.no	Name	Designation	Position
6	Dr.T.Bramhananda Reddy	Professor of EEE GPREC, Kurnool	Member
7	Dr.K.Devaki Devi	Asso Professor of ME GPREC, Kurnool	Member

Educationist Nominated by the Management :

S.no	Name	Designation	Position
8	Dr.K.Hemachandra Reddy	Former Chairman, APSCHE & Professor of ME, JNTUA	Member

Member Nominated by the State Government :

S.no	Name	Designation	Position
9	Dr.V.Sumalatha	Professor Dept of ECE JNTUA, Anantapuramu	Member

Member Nominated by the JNT University, Anantapur :

S.no	Name	Designation	Position
10	Prof.C.Shoba Bindu	Prof of CSE & Director, Software Development Centre JNTUA, Anantapuramu	Member

Principal of the College :

S.no	Name	Designation	Position
11	Prof.B.Sreenivasa Reddy	Principal GPREC, Kurnool	Member

MEMBERS OF ACADEMIC COUNCIL

Chairman, College Academic Council:

1. Dr.B.Sreenivasa Reddy Principal

Member Secretary:

2. Dr.V.Satish Kumar Dean – Academics

Deans & Heads:

3. Dr. Y. Venkata Mohan Reddy Dean – Administrative Affairs

4. Dr.B.Veerabhadra Reddy Dean – Placements & Corporate Relations

5. Dr.Y.Rajasekhara Gowd Dean - Hostels

6. Dr.T.Bramhananda Reddy   Dean – Research Planning & Consultancy

7. Dr.Y.V.Siva Reddy Dean – Internships & Industrial Training

8. Dr.K.Govardhan Reddy Dean - Alumni Relations & Higher Studies

9. Dr.R.S.Chalapathi Dean – Innovation & Entrepreneurship

10. Dr.K.Devaki Devi Dean - Student Affairs

11. Dr. N. Kasiviswanath HoD CSE

12. Dr.K.Madhava Reddy HoD ME

13. Dr.K.Sree Gowri   HoD EEE

14. Dr.K.Chinnapa Reddy HoD CE

15. Dr.S.Nagaraja Rao HoD ECE

16. Dr.R.Praveen Sam HoD ECS

17. Dr.K.V.S.G.K.Sastry HoD HBS

Three cadres of faculty:

18. Dr.B.J.S.Vara Prasad Prof of Civil Engg

19. Dr.C.Harinatha Reddy Asso Prof of EEE

20. Dr.M.Madhusudhan Reddy Asst Prof of ECE

Senior most Woman faculty:

21. Dr.V.Anantaha Lakshmi Asso Prof of EEE

Experts nominated by Governing Council:

22. Dr.B.Giridhara HODCE, BMS College of Engg, Bangalore

23. Sri.P.Sankara Reddy EE, Highways, Kurnool

24. Sri.B.Manohar Raju Advocate, Kurnool

25. Dr.Y.Muralidhar Reddy Principal ,GPRDCH, Kurnool

Nominees of JNTUA, Anantapuramu:

26. Dr.V.Sumalatha Director Academic & Planning JNTUA

27. Dr.E. Kesava Reddy Director of Evaluation JNTUA

28. Dr.B.Durga Prasad Director, Oil Tech & Pharma. Res.Insti.JNTUA JNTUACE

Faculty of Civil Engineering

International Conference on Generic and Pedagogical Research Evolutions in Civil Engineering and its allied Sciences on 10- 11, November 2023.

Faculty of Mechanical Engineering

Chief Guest Prof. Raghuraja Pandian of NITW releasing the souvenir containing accepted papers presented in the International Conference

Faculty of Computer Science & Engineering

Aavishkar 2024

Faculty of Electrical and Electronics Engineering

JIGNASA 2024

Faculty of Electronics and Communication Engineering

Hands on workshop on "RAN technologies "

Kurnool, Andhra Pradesh, India
45, Kurnool, Andhra Pradesh 518007, India
Lat 15.774366° Long 78.056761°
25/01/25 03:52 PM GMT +05:30

Faculty of Emerging Technologies in Computer Science

Aavishkar 2024

Faculty of Humanities and Basics Sciences

A Two Day International Conference on Advances in Computational Mathematics and Applied Physical Sciences - ICACMAPS-2025.

Faculty & Staff of Training and Placement Cell

GPREC Shines at Hackathon 2024! The top three winners from GPREC showcased exceptional coding skills, securing top spots in the Hackathon 2024-South Zone Grand Finale.

Department of Physical Education

Non - Teaching Staff of Civil, EEE, MEC & ECE Departments

Non - Teaching Staff of CSE, ECS, H&BS Depts., Library & Main Office

Engineering Section

Transport Wing

DEPARTMENT OF CIVIL ENGINEERING

1. VISION:

To make the Civil Engineering Department at G. Pulla Reddy Engineering College (Autonomous), Kurnool; a leader in the education of practice-oriented Civil Engineers that benefit industry and society.

2. MISSION:

M1: To prepare students for career in the Civil Engineering profession by providing technical knowledge and skills imparted by the team of faculty adopting an effective teaching learning process .

M2: To produce quality engineers who are capable of meeting the demands and challenges of the profession by focusing on latest practices.

M3: To inculcate in its student's leadership abilities, research capabilities, ethical values and work culture that would lead towards the betterment of the society.

3. PROGRAMS OFFERED BY THE DEPARTMENT:

The Department offers Four Year Full Time B. Tech programme in Civil Engineering since 1985, with an intake of 60 students. The Department was established on 22nd February 1985 (Academic year 1984-1985), with affiliation to Sri Venkateswara University. Tirupati. The college is now affiliated to Jawaharlal Nehru Technological University Anantapur, Ananthapuram with an Autonomous status. The present intake in the Civil Engineering Branch is 144 students (120 + 12 (EWS) + 12(Lateral Entry)).

A Post graduate programme (M.Tech) was started in the academic year 2009-10, with Structural Engineering Specialization. The present intake in the Structural Engineering specialization is 12 students.

Department, is recognized as Research Centre by JNTUA and offers Ph.D Programme. Department offers Minor program in Construction Planning and Management and Honors program in Civil Engineering.

4. CONSULTANCY:

Since 1989, the Department has offered testing and consultancy services to various Government Departments, Semi-government Organizations, Contractors, Builders and Individuals. A separate consultancy cell was established in the year 2009. The revenue generation, from various consultancy works, has been increasing steadily over the years.

5. TECHNICAL FORUM/STUDENTS CHAPTER:

- In 1992, Civil Engineering Technical Forum (CETF) was formed to provide a platform for students to present technical seminars every week, so that their communication skills are improved and they are also exposed to latest developments in Civil Engineering. Institution of Engineers (India) Students' Chapter in Civil Engineering was started in the academic year 2006-07. The Chapter at present has a membership of about 432 students and is functioning effectively. The Chapter conducts various technical activities during the academic year.

6. MODERNIZATION OF LABORATORIES:

- In 2022, Engineering Mechanics Laboratory was setup with a total cost of Rs. 2.68 Lakhs.

- In 2023, A Research laboratory was setup with a total cost of Rs. 4.5 lakhs to cater the needs of the students of UG, PG and Ph.D.

- Modern equipment like DGPS and Total Station for Surveying Laboratory, Accelerated Curing Tank, Electronic Universal Testing Machine (100 tonnes capacity), Core drilling machine and self-compacting concrete Machine for Concrete Laboratory, Bump Integrator and Marshal Stability Apparatus for Transportation Engineering Laboratory and Plate Load Test Equipment and Digital Automatic compactor for Geotechnical Engineering Laboratory were acquired as part of modernization of laboratories, over the last few academic years.

7. RESEARCH AND DEVELOPMENT (R&D) ACTIVITIES:

The following in-house projects have been sanctioned by the college and are in various stages of progress/ completion.

- "Experimental Study on High strength self-compacting concrete by incorporating sustainable materials" by Ms. J Sravani, Assistant Professor. Sanctioned amount for the project is Rs. 1,85,000/-. Status: Under progress.

- "Accident Analysis in Urban Area" by Dr T. Sowjanya, Assistant Professor. Sanctioned amount for the project is Rs. 90,000/-. Status: Under progress.

- "Level of Service Analysis of Pedestrian Crosswalks under Mixed Traffic Conditions" by Dr R. Sushmitha, Assistant Professor. Sanctioned amount for the project is Rs. 90,000/-. Status: Under progress.

- "Assessment of monthly and seasonal droughts using GRACE terrestrial water storage variations and machine learning techniques for Godavari river basin" by Dr K Satish Kumar, Assistant Professor. Sanctioned amount for the project is Rs. 1,85,000/-. Status: Under progress.

- Faculty have published research articles in reputed journals and presented papers at various national and international conferences. The details of the papers/publications are as follows:
  1. International Journals   : 248
  2. National Journals   : 11
  3. International Conferences   : 150
  4. National Conferences   : 30

8. FACULTY AND STAFF:

- The Department has 27 qualified and experienced faculty, out of which 5 are Professors, 2 areAssociate Professors, 1 Senior Assistant Professor and 19 are Assistant Professors. Among the faculty, 12 are Doctorates and 15 are Post Graduates. The faculty experience ranges from 2 to 43 years.
- The Department has 9 qualified and experienced staff members which includes 5 Technicians, 1 Computer operator and 3 supporting staff. The experience of staff ranges from 3 years to 39 years.

9. INFRASTRUCTURE:

The Department has 2019 sq.m floor area, to accommodate 12 laboratories. 17 faculty rooms, 1 staff room, 6 Lecture Halls and 1 department library. The Lecture Halls of the Department are spacious, well-furnished and well ventilated.

- The Department has the following laboratories:
- Computer Lab
- Engineering Geology Lab
- Environmental Engineering Lab
- Fluid Mechanics and Hydraulic Machinery Lab
- Geotechnical Engineering Lab
- Material Testing Lab / Strength of Materials Lab
- Structural Engineering Lab
- Concrete Technology lab
- Surveying Lab
- Transportation Engineering Lab
- Engineering Mechanics Lab
- Research Lab

All the laboratories are fully equipped and upgraded regularly, through the provision of suitable budget every year. The total cost of the equipment is Rs. 186.42 lakhs. Available floor area for all the laboratories is 1306 sq.m.

10. DEPARTMENT COMPUTER CENTER:

The Department Computer center has 155 systems. This enables provision of one system for each student, during practical classes on computer related courses.

The Computer Center has 6 laser printers and 3 scanner and 2 UPS, one with a capacity of 20 KVA for computer lab and 10 KVA for research lab are available for uninterrupted operation. The computer lab and research labs are fully air conditioned. Internet connectivity is provided in the Computer Center as well as in research lab for use, by the faculty and students.

11. SOFTWARE AVAILABLE WITH THE DEPARTMENT:

The Department has acquired licensed software like STAAD Pro – 2004, Auto CAD, ENVI 4.0, GEOMEDIA Professional 5.1, ERADAS IMAGINE Version 8.6, RESIST, E – Surveying, Bricks CAD, Arc GIS 10.4.1.

12. WORKSHOPS/CONFERENCES CONDUCTED :

The Department has organized following workshops during the period of 2018-19 to 2023-24.

- A Five Day FDP Program on Outcome Based Education during the 29-07-2024 to 03-08-2024.
- A Two day workshop on Data Analysis using R Software during the 27-03-2023 to 28-03-2023.
- A Two day workshop on DGPS and Drone Surveying during the 21-10-2022 to 22-10-2022.
- A webinar on Exploring the Public Adoption Intention of Public Bicycle Sharing System in Indian Context, during the 14-10-2022.
- A Two Day workshop on Road Safety -Engineering Measures, Low Volume Roads and Marshall mix Design, during the 09-05-2022 to 10-05-2022.
- A Five Day AICTE- ATAL FDP on Advanced Civil Engineering Software usage in Infrastructure Development, during the 05-07-2021 to 09-07-2021.
- A Five-Day Webinar Series on Action Research as a Methodology for Professional Development in Engineering Field, during the 26-09-2020 to 30-09-2020.
- A Five-Day Webinar Series on Action Research as a Methodology for Professional Development in Engineering Field, during the 11-08-2020 to 15-1-2020.

- A Two day Workshop on 3Ds Max – A Civil 3D Software, during the 28-09-2019 to 29-09-2019.
- A Two day Workshop on Application of Computational Software in Civil Engineering, during the 21-12-2018 to 22-12-2018.
- A Two day Workshop on Building Information and Modelling, during 01-03-2019 to 02-03-2019.

13. FACULTY/STAFF DEVELOPMENT PROGRAMMES:

- Faculty are allowed to attend short term development/ skill enhancement programmes at various reputed Institutions like IITs, IISc & NITs.

- A total of 349 Faculty development programmes and 198 Workshops/seminars were attended by the faculty.

- In-house training for staff members is provided where ever found necessary and feasible to make them upgrade their knowledge.

14. STUDENT TRAINING PROGRAMS:

- The Department has conducted the National Level Student's Technical paper contest "JIGNASA" at the college level, held in the years 2009, 2011, 2014, 2016, 2018, 2019 and 2024.

- The Department conducts Technical event titled "CIVIQUEST" in the years 2020, 2022 and 2023 to bring out the talents of the students.

- Every year, department conducts student training programs on latest technologies of civil engineering. In addition to that, students also attend training programmes at institutes like IITM, IITK, IISc and IIIT Hyderabad.

15. PLACEMENTS:

During the last decade, employment opportunities have increased due to the development projects for infrastructure launched throughout the country. The demand for Civil Engineering professionals has gone up considerably. Every academic year, over the last five-year period, many students have been placed in reputed companies like Trifecta Projects Pvt ltd., Helios Intrix, Om Sai Intex Pvt. Ltd., BSCPL, NCC, Ultratech, LTI Mindtree, Toshiba, L&T (Build India Scholarship), RK Interiors Pvt. Ltd., CADSYS, CTS, TCS, WIPRO and Accenture.

16. ACHIEVEMENTS:

Department Level:

- Department has been accredited by NBA five times (2005, 2008, 2013, 2017- 2020, 2023).

- Organized an International Conference on Generic and Pedagogical Research Evolutions in Civil Engineering and its allied Sciences on
  10- 11, November 2023.

- Recognized as Research Centre by JNTUA, Anantapuramu, to offer full-time Ph.D.

- Accredited by Institution of Engineers (India).

- Established Project Laboratory, Research Laboratory and Structural Engineering Laboratory .

- Procured Electronic UTM and DGPS instrument under MODROBS.

- MoU with CMTI, NHAI and RTA Kurnool.

Faculty Level:

- Dr. B. J. S. Varaprasad received Best Civil Engineering Teacher award from ISTE for the year 2021.

- Dr.K.Satish Kumar, Assistant Professor was offered for the position of Post-Doctoral Fellow (PDF) under the IOE-IISc Fellow ship program by IISc, Bangalore.

- Dr.K.Tharani, Assistant Professor selected for AICTE QIP Sponsored PG Certificate Programme on the "Internet of Things" at IIITDM Kurnool (3rd July to 15 July2024).
- 10 Faculty members acquired Ph. D. during their service.

- Some of the faculty members are acting as BOS members for other Autonomous Institutions.

- Dr. T. Chandra Sekhara Reddy is nominated as Building Committee member for Rayalaseema University, Kurnool.

- Dr. B. J. S. Varaprasad and Dr. E. Sanjeeva Rayudu are nominated as Expert members for Grant of Environmental Clearance for mining by Ministry of Environment, GoI.
- 6 Faculty members completed 23 NPTEL certification courses.
- Sri K. Narendra Kumar secured All India 3rd Rank in GATE2023.

Student Level:
- 6 students were sponsored for M.Tech. in IITs/ NITs by L&T construction under Build India Scholarship scheme.
- 3 students undergone a project related Internship at IIT Mandi, Himachal Pradesh during 19th June to 31st July 2023.
- 3 No. of IV B.Tech students attended End semester Internship at IIT Bhubaneswar from 01-01-2024 to 31-03-2024 during the Academic Year 2023-24.
- Ms. G. Harshitha (189X1A0106) represented in South Zone Tournament, Shuttle Badminton (Women).
- Ms. J. Varshitha Chowdary (209X1A0116) & team participated in Smart India Hackthon during 25-26th August 2022, and won first prize of worth Rs. 1 Lakh.
- 6 No.of IV B.Tech students along with Dr. M. Srinivasula Reddy, coordinator, visited ATAL Tunnel under AICTE YUVAK scheme on 18th November 2021.
- Sri K. Ravichandra (209X1A01A1) secured All India 230 Rank in GATE 2023.

17. BEST PRACTICES:
- Industrial Training / Summer Internship programmes during 4th or 6th Semester Summer Vacation.
- Content beyond the syllabus (both in theory and practical).
- Conduct of additional laboratory experiments through virtual labs.
- Special coaching (remedial classes) for slow learners.
- Field visits / Local Tours for pre-final and final year students.
- Partial delivery of regular courses by Industry experts.
- Student mentoring
- Skilled courses introduced to expose students to various relevant and latest technologies.
- GATE coaching Classes for advanced leaners .

18. FUTURE PLANS:
  The Department plans to improve its functioning and cater to the changing needs of the students of the Civil Engineering profession. The future plans include.
- To apply for more funded projects from external agencies.
- To improve the faculty research publications.
- To have more MOUs with Industry / Academia to improve Industry Institute interaction.
- To focus on e-content development by the faculty.
- To encourage the students to do internships in IITs and complete certification courses.

DEPARMENT OF MECHANICAL ENGINEERING

1. VISION:

  To develop the department into a model centre for education and research in the field of Mechanical Engineering and allied areas and to become a significant contributor to the development of industry and society.

2. MISSION:

- To impart quality technical education in emerging fields of Mechanical Engineering through balanced academic curriculum in accordance with changing industry requirements.

- To establish centres of excellence where students can strengthen their entrepreneurial skills, technical workmanship, and research proficiency.

- To provide opportunities/platforms for students to nurture leadership abilities, ethical values; and to enable them learn responsibility and accountability at work.

3. PROGRAMS OFFERED BY THE DEPARTMENT:

- The mechanical engineering department was established in the year 1985, the year of inception of the college and the first batch of Mechanical engineers graduated in the year 1988. 37 batches have passed out by May 2024. At present department offers under graduate program in Mechanical engineering with an intake of 120+12 (under lateral entry into II B. Tech) and Post Graduate Program in "Advanced Manufacturing Technology" with an intake of 12 students.

4. FACULTY:

- Prof. K. Madhava Reddy, PhD, from JNTU Hyderabad, who has 32 years of experience in teaching, heads the department. The department comprises 30 faculty members with 7 professors, 8 Associate professors, 1 senior assistant professor and 14 Assistant professors.

- 20 faculty members possess PhD degree and 9 members are pursuing their Ph.D. The average experience of the faculty in the department is around 16.5 years. The department has 8 well-experienced and qualified supporting staff belonging to various trades like Fitting, Carpentry, and Machining etc.

- Dr. B. Sreenivasa Reddy, Professor of ME Department & Principal, G. Pulla Reddy Engineering College was awarded with "Best Principal" by JNTUA. Dr. R. Meenakshi Reddy was awarded as "Best Teacher" by JNTUA and ISTE Andhra Pradesh section for the year 2022.

5. INFRASTRUCTURE:

- The department is equipped with twelve well established labs that give hands on practical knowledge in the subjects. The department also runs PLM- Excellence centre that trains the final year B. tech. students in PLM software. A research lab on Composites testing is established to promote research in that area. APSSDC has sanctioned Siemens skill development center under which, CNC center and Manufacturing welding labs were established, in which, students from Polytechnics and Vocational courses are trained. Relevant licensed softwares like PLM, MAT Lab, Design Expert, Auto CAD, ANSYS Work Bench, CATIA R12, Uni-Graphics NX2.0, Solid Edge V14, CADian, Mechanical Desktop, Inventor-6, Esprit CAM, and Master CAM have been catering to the needs of students and faculty.

6. DEPARTMENT LIBRARY:

- Apart from the college central library, the department maintains its own library. A large number of books are available in the department library to help students prepare for various competitive exams. 1782 volumes with 1187 titles constitute the library and more books are added every year to cater the needs of the students and faculty.

7. CURRICULUM:

The department provides on job training to the students on conventional mechanical engineering works like carpentry, fitting, smithy etc., during the first year of the degree course. The syllabus emphasizes on core mechanical subjects like thermal engineering, production engineering, machine design, heat transfer and management. The various laboratories like heat transfer, thermodynamics, metrology and production engineering encompass the vital aspects of mechanical engineering. Some of the ubiquitous computer programming languages like Python, and DBMS are also included. The curriculum is revised and updated on a periodic basis to acquaint the students with the changing needs of the industry.

8. FOCUS ON RESEARCH :

- The Department is recognized as a distinguished research centre by JNTUA, Anantapuramu, in which faculty and students from various institutions outside the college besides the faculty and students from this college who are interested in enhancing their qualifications by registering for their research degrees.

- The Department is fortified with sophisticated equipment like, INSTRON UTM, Wear Testing, CNC machine and Lathe with Dynamometer, FFT analyser, thermal energy storage system, used for advanced research and consultancy.

- Prof. B. Sreenivasa Reddy guided four scholars; Prof. Y. V. Mohan Reddy guided nine scholars (8 part-time and one full time), Prof. B. Veerabhadra Reddy guided one scholar (full-time), Dr. G. Sankaraiah guided one scholar, Dr. H. Raghavendra Rao guided two scholars (1 full-time and 1 part-time) and Dr. R. Meenakshi Reddy guided two scholars to their Ph.D. degrees from JNTUA.

- Research Grants worth around a total of 40 lakh rupees was received so far by the department from various funding sources like SERB, UGC, etc.,

- Total PhDs' awarded so far under the supervision of our department faculty: 19

- Total number of research scholars pursuing PhDs' actively under the guidance of our faculty: 15

- Publications since 2020: 100+
- Citations obtained since 2020: 3000+
- Patents since 2020: 11

- Dr. R. Meenakshi Reddy, Associate Professor of ME, presented papers at various international conferences outside the country namely, University of Nottingham, Malaysia (2019), International SOLARIS conference, Chengdu, China (2021) and University of Malaysia, Malaysia (2022) for which he was awarded with BEST PRESENTATION.

- Department organized International Conference on Advanced Materials, Manufacturing and Sustainable Development (ICAMMSD – 2024) on 22nd & 23rd November 2024. A total of 116 Papers were presented in the conference.

- This is a testament for the quality of meritorious faculty in the department, their tenacious dedication towards research and the unwavering support of the institute to enhance the standards.

- Our research centre also provides testing services through consultancy on our state-of-the-art equipment.

9. STUDENT PROGRAMS:

- The department has an IEI student chapter which provides a platform to the students by arranging guest lectures by eminent professionals. The chapter also conducts various activities like seminars, competitions, and quiz programs to tweak their enthusiasm on the technical concepts. Industrial visits and educational tours are made an integral part of the curriculum to familiarize the students with industrial environment and field conditions. The final semester comprises a mandatory internship in the industry to provide hands-on experience before their graduation.

10. QUALITY MANAGEMENT AND CONTINUAL IMPROVEMENT:

- For the continuous improvement in the standards and maintaining the quality, the department has been accredited by National Board of Accreditation (NBA) for the fifth time (2005, 2007, 2013, 2017, 2020 (compliance) and 2023). Course delivery, internal assessment tests, laboratory work, seminars, examinations are planned in advance for ensuring high operational quality.

11. STUDENTS' DISTINCTIONS:

- With the continuous involvement of a team of well-experienced and dedicated faculty members and with adequate infrastructure, department had been able to mould the students into top-class graduate engineers. The department has been consistently successful in delivering high quality education and this has produced impressive performance records.

12. ALUMNI:

- The department is proud of its Alumni, who are well placed in many reputed National/Multi-national Organizations across the globe. Many of our alumni have successfully pursued their higher studies in reputed institution in India and Abroad.

- A few of our alumni are working as faculty in many educational institutions especially in the institutions of national importance like IITs and NITs. Many of our alumni are working professionals in PSUs like BPCL, HAL etc.

13. FUTURE PLANS:

- To keep pace with the rapidly changing technologies of the world, all the laboratories and curriculum upgraded and modernized on a regular basis. To develop the department into a regional research hub with state-of-the-art equipment and impart this research knowledge and culture into the future generations of students.
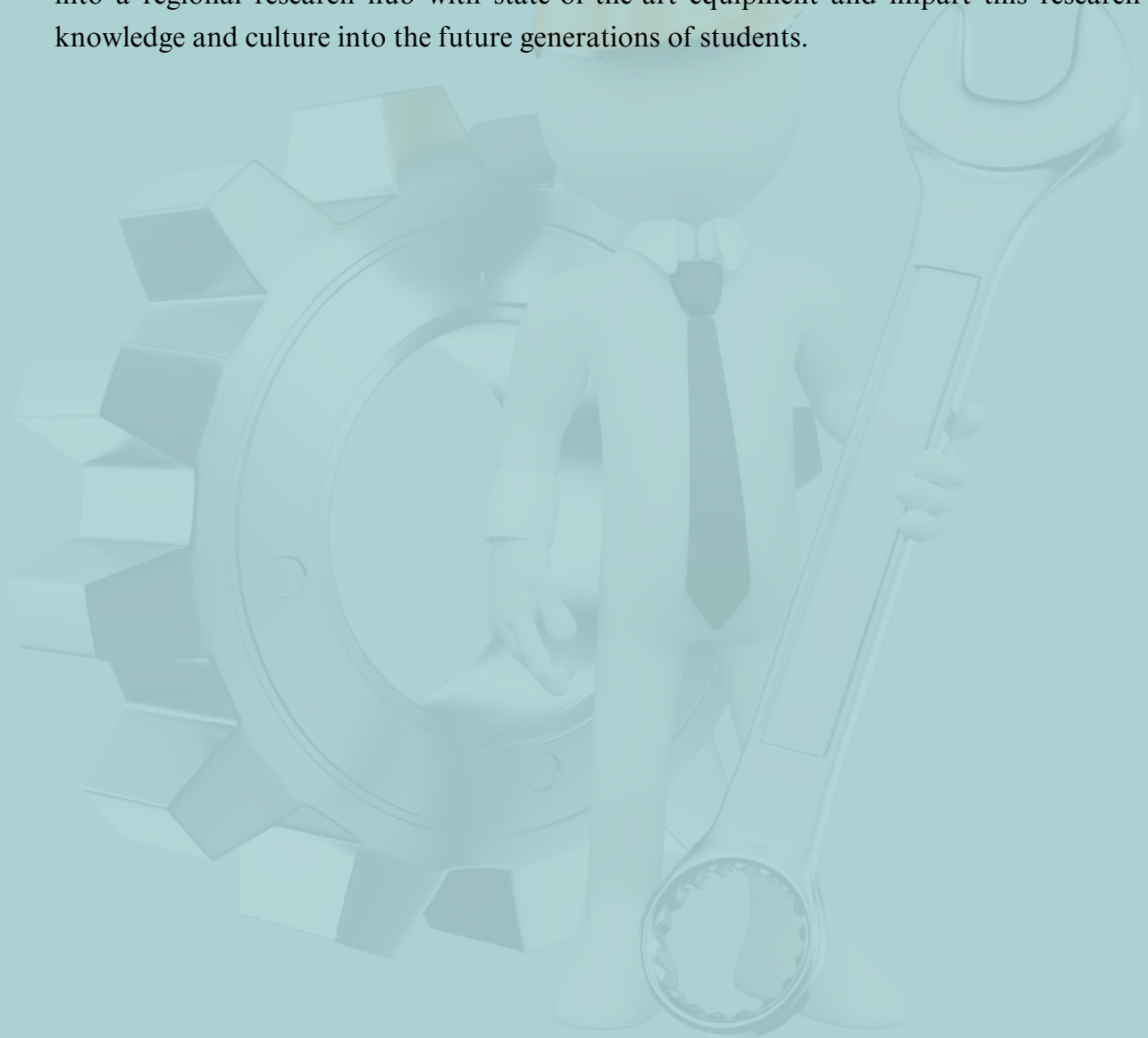
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

1. ABOUT COMPUTER SCIENCE AND ENGINEERING (CSE):

The Department was started in the year 1991 with an intake of 30 and the present intake is 300. The PG program M.Tech in CSE was started in the year 2009 and the current intake is 12 and the Ph.D. program was started in the year 2013. The Department has been growing for the last 34 years by improving laboratories with latest equipment to meet the industrial needs.

2. VISION:

The Department aims to become a leader in education, training, and research in the Computer Science and Engineering discipline.

3. MISSION:

1. To strengthen core competence in Computer Science and Engineering through quality education and training.
2. To promote innovation and research through collaborative and participatory approaches.
3. To inculcate leadership capabilities, ethical values, and professional behavior to address challenges in the global market.

4. PROGRAMS OFFERED BY THE DEPARTMENT

Department offers four-year full-time Under Graduate Programs, full-time Post Graduate Program and full-time Ph.D. Research Program.

- B.Tech in Computer Science and Engineering (CSE).
- B.Tech in Computer Science and Technology (CST).
- M.Tech in Computer Science and Engineering (CSE).
- Ph. D. in Computer Science and Engineering (CSE) .
- Minor in Computer Science.
- Honors in CSE and CST.

5. INFRASTRUCTURE:

The department has seven Computer Laboratories equipped with latest hardware and software necessary to cater to the computing needs of all the students. In addition to this, the department has an R & D Lab and CISCO Lab. Department Library was established in the year 2004 and maintains stock of all recommended textbooks and reference books in Computer Science as well as Project work reports are also made available.

6. FACULTY:

The Department is headed by Dr. N. Kasiviswanath, who has 32+ years of teaching and administrative experience. It has 40 faculty members,including four Professors, nine Associate Professors, and twenty-seven Assistant Professors,among them 11 faculty with Ph. D. qualifications. In addition to these regular faculty,department have 6 teaching assistants and we are also inviting the Industry experts as a guest faculty or Visiting faculty to take the classes on the latest trends in IT.

Visiting /Guest Faculty:

- Dr. K. Raghavendra, Senior Scientist and Head, High Performance Computing and Drones, Advanced Data Research Institute (ISRO), Hyderabad.
- Dr. R. P. Jagadish Chandra Bose, Principal Data Scientist, Skan.AI Labs Pvt.Ltd, Bengaluru.
- Dr. T. Gopi Krishna, Professor, Adama Science and Technology University, Ethiopia

7. HIGHLIGHTS OF THE DEPARTMENT:

- Department has been Accredited by NBA Five times.

- In every academic year, the department is organizing Guest Lectures on latest Technologies for students.

- The Department has partnered with Microsoft Academic Alliance for technology transfer.

- CSI Student Branch of GPREC received "Best Accredited Student Branch Award" under region V.

- In the month of December 2024, the Department has conducted a one day international workshop on "Cloud Computing and Edge Computing" and the resource person is Dr. Rajkumar Buyya, Professor, University of Melbourne, Australia.

- As a part of MoU with Andhra Pradesh State Skill Development Corporation, the APSSDC has conducted a Google Android Developer Workshop for students & Technical staff.

- The IEEE Computer Society Students chapter was formed in June 2016 and the department is conducting various technical events under this chapter.

- Recognized as CISCO Network Academy to offer trainings and certifications on CCNA modules.

- Department has Organized a One Week FDP on "Data Science and Machine Learning" in association with JNTUA and sponsored by JNTUA & ISTE.

- As a Part of Spoken Tutorial Project, maximum number of students completed the certifications on JAVA, HTML, PHP/MYSQL and PYTHON from last four years, the college has received an award on "Spoken tutorial Teaching Learning and Best Practices" from IIT Bombay.

- The Department has MOU's with Cisco (Networking Academy), EduSkills, ExcelR Solutions, Your DOST and Infosys.

- The department faculty published 17 papers in SCIE journals, 312 papers in Scopus indexed journals, 34 Patents and has authored 8 Books.

- In academic year 2020-21, Department conducted a one week AICTE-ATAL FDP on "Artificial Intelligence and Deep Learning" and for this an amount of Rs 93,000/- was sanctioned by AICTE.

- In year 2019-20, AICTE has sanctioned an amount of Rs 7, 93,000 under the MODROB RURAL scheme for Modernization of "Big data & Machine Learning Lab".

- In academic year 2017-18, Department conducted a Two week AICTE-ATAL FDP on "Data Science and Big Data Analytics" and for this an amount of Rs 5,47,000/- was sanctioned by AICTE .

- In the academic year 2017-18, the Department received an amount of Rs 90,000/- under Minor Research Project on "Algorithmic Trading and stock price prediction based on news using Predictive analytics tools" from UGC, New Delhi.

- In this academic year the department conducted a two day National Level Student Convention "Aavishkar-2024" in the month March 2024 sponsored by CSI .

- 9 Research scholars were awarded Ph. D under the guidance of Dept. faculty from various universities.

- Two CSE students won 2nd prize in the Hackathon which was held at IIT Delhi from 30th May to 31st May 2019.

- In the year 2022-23, three final year students completed the internship at DRDO Dehradun.

- A total of nine Students from CSE Department represented JNTUA games in the south zone tournaments in various sports & Games.

- K. Sai Kumar Reddy and P. Dinesh Gowd, students of CSE department have won First & Second prizes respectively in Thrust competition conducted by NIT Warangal.

8. FACULTY-ACHIEVEMENTS:

- Dr. N. Kasiviswanath, Professor & HoD of CSE Dept has been conferred with "University Teacher's Award" on 5th September 2024 by JNTUA.

- Dr. B. Santosh Kumar Associate Professor of CSE received certificate of appreciation for translating the modules of the course "Computer Architecture" offered by IIT Madras in to Telugu language initiated by NPTEL, Swayam in the year 2021.

- Dr. B. Santosh Kumar Associate Professor got NPTEL Top 1% in Cloud Computing and Distributed Systems in 2020 and Top 1% in Teaching and Learning in Engineering (TALE) in 2019.

- Dr. N. Kasiviswanath, Professor & HoD of CSE has been conferred with "VRSEC Award-2019" for best CSE teacher in A.P by ISTE and received the award in the month of March 2022.

- Dr. S. Zahoor Ul Huq, Professor of CSE Department, G Pulla Reddy Engineering College was awarded with "Outstanding Scientist award" by VDGOOD Technology Factory International Scientist Awards 2021 on Engineering, Science and Medicine which was conducted on 7th and 8th August 2021 in Pondicherry, India.

- Dr. K. Ishtaq Ahmed Received the "Longest Continuous SBC" award under CSI Academic Award at CSI Annual Convention 2019.

- Sri. K. Sudhakar, Assistant Professor of CSE Department, was awarded with "Young Scientist award" by VDGOOD Technology Factory International Scientist Awards 2022 on Engineering, Science and Medicine which was conducted on 17th December 2022 in Pondicherry, India .

- Sri. K. V. Rameswara Reddy, Sri B.Thimma Reddy Associate Professors has recognized as "Wipro Certified Faculty" in the year 2020 .

- Smt. L. Sudha Rani and Sri. K. Sudhakar Assistant Professors of CSE were certified from Wipro Technologies as Wipro Certified Faculty in the year 2023 .

- Sri. Y. Mahanandhi Assistant Professor of CSE is certified from Wipro Technologies as Wipro Certified Faculty in the year 2024

- Sri. P. Praveen Yadav Assistant Professor has completed "AWS Academy Cloud Foundations certification" from AWS academy.

- Sri. B. Dilip Kumar Reddy Assistant Professor has completed "DevNet Associate Instructor Training certification" from CISCO networking Academy.

- Sri. M. Raghavendra Reddy Assistant Professor has completed "DevNet Associate Instructor Training certification" from CISCO networking Academy.

- Sri. K. Balachowdappa Assistant professor has completed "Artificial intelligence with Machine Learning certification" from Oracle Academy.

- Sri. B. Thimma Reddy Associate professor has been appreciated with "Certificate of Recognition" for their efforts in facilitating Pre-Education Program (PEP-2021) organized by EPAM Systems India Private Ltd.

- Dr. S. Zahoor Ul Huq, Professor of CSE Dept has been honored with the award for "Outstanding faculty & Researcher " by Artificial Intelligence Medical & Engineering Researcher Society in the year 2024.

9. STUDENT-ACHIEVEMENT:

- K. Sai Sudha of CSE got internship in Amazon Company in academic year (2022-23) with a stipend of Rs 1,10,000 per month and also got a placement offer in the Amazon with 48.76 LPA. She also got another job offer in Flipkart with 32.57 LPA.

- K. Naga Himaja got internship in Amazon Company in academic year (2023-24) with a stipend of Rs 1,10,000 per month.

- M. Sri Thanvi of IV CSE got placement in M/s Wayfair company with 25 LPA.

- C. Poornesh and G. Nomika of IV year CSE has participated and won 1st prize in IBM   Hack Challenge conducted by IBM in the month of October 2023.

- L. Vamsi Krishna, III CSE got selected as College Ambassador by AIOEAM CORPGLOBAL PVT Ltd, Kochi for two academic years (2022-23 & 2023-24) with a stipend of Rs 20,000/- per year and also offered free internship in that company.

- K. Jahnavi of IV has completed an Internship at university of Singapore in the year 2023.

- Sai Sudha Kothacheruvu has been awarded GHC21 Student Scholarship Award and MLH Pre Fellowship in March 2021. She has been selected as Google Developer Student Club Lead for the GPREC campus.

- I. V. Nagarjun Reddy has secured 224 All India Rank in GATE 2021.and got M.Tech admission in IIT Kanpur.

- I. V. Nagarjun Reddy got 6th position in the TCS Codevita Contest All over the world

- In last two academic years 1500 students from II, III and IV years were completed JAVA, HTML, PYTHON, PHP/MYSQL certifications under Spoken Tutorial Project conducted by IIT Bombay.

- Three second year CSE students successfully developed the Project on "Analysis and Extraction of Data" related to Land Survey Records of various villages in Kurnool district. They have received the appreciation certificates from the Joint Collector of Kurnool.

10. STUDENT CHAPTERS:

a) IEI (CSE) STUDENTS CHAPTER :

IEI Student chapter nourishes the growing technical knowledge of the student and direct this knowledge to develop in to skill. The main aim of this forum is making the fundamentals strong and all round development of the students. IEI chapter conducts various activities like seminars, Group Discussions, Software Contest, single dual mode, technical quiz, online aptitude test , mock interviews, etc.

b) CSI STUDENTS' CHAPTER:

- The Computer Society of India(CSI) chapter facilitates research, knowledge sharing, learning and career enhancement for all IT professionals.
- Our college is Educational Institution Member (Membership Number 100925) of Computer Society India .
- Every Academic and IV year students. year the department conducts various technical events for II, III, . CSI student chapter of GPREC has organized a one day National Level student Convention "Aavishkar 2020" in the year 2020 .

c) IEEE COMPUTER SOCIETY CHAPTER:

- The Department is organizing various technical events like technical talks etc under this chapter.
- IEEE Computer Society is offered Richard E. Merwin Scholarship of $1,000 to N. Sai Diya for active student volunteer leader in IEEE Student Branches for her academic and professional efforts.
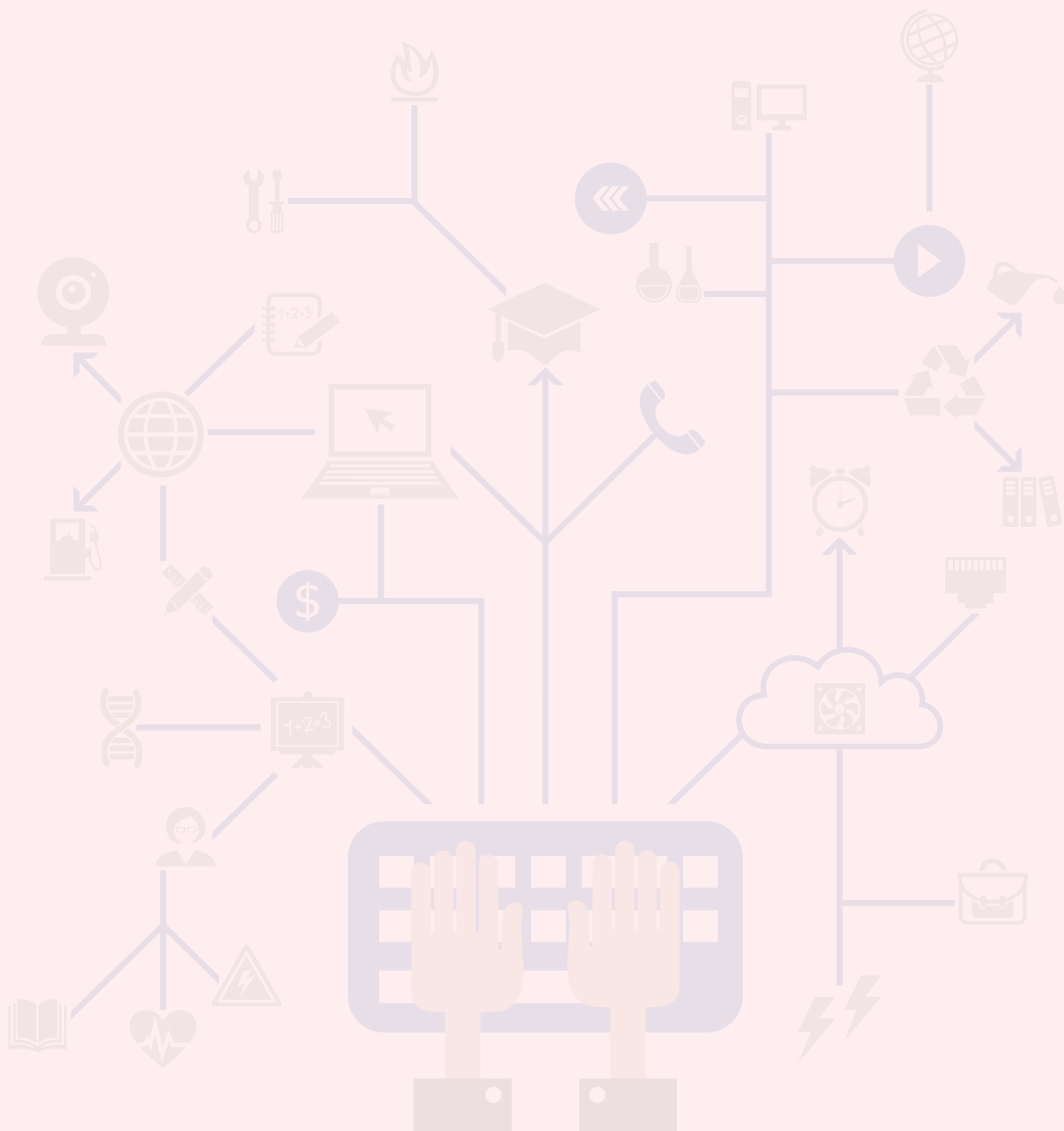
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

OVERVIEW:

The Department of EEE was established in 1994 with the aim of importing high quality technical education in the area of Electrical and Electronics Engineering with an intake of 60. The intake was increased to 120 from 2008 and is affiliated to Jawaharlal Nehru Technological University, Anantapur, and Ananthapuramu. The department is headed by Dr. K. Sri Gowri. The Department has a strong pool of faculty with 15 Ph.D.'s and 12 M.Tech's. It boasts of having highly qualified faculty with an unparalleled level of expertise in their field. The pure expertise and dedication of the faculty members along with infrastructural facilities coupled with the perseverance of the students have catapulted the branch to the top league. Break up of teaching staff is 4 Professors, 8 Associate Professors and 15 Assistant Professors. Active research is going on in the areas of Power Systems, Control Systems, Electric Vehicles, Power Electronics and Electric Drives.

VISION:

To transform the individuals into globally competent electrical and electronics engineers to realize technological needs of the society and to develop the department into an ideal education and research center.

MISSION STATEMENT:

Mission1: To impart high quality education and enhance students' skills to meet the present needs by introducing concurrent trends in curriculum and through collaborative industry-institution interaction.

Mission2: To share and disseminate expertise for use in the solution of problems faced by Electrical & Electronics Engineers and by the society.

Mission3: To mould the students into responsible citizens with social, ethical and environmental awareness.

HIGHLIGHTS OF DEPARTMENT:

- The department is recognized as research centre by JNTUA, Ananthapuramu to offer full-time Ph.D programme from the academic year 2013-14 onwards.

- Also the department has well established and state of art Laboratories with well known make equipment such as Siemens PLC based automation and NI LABVIEW.

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- Also for mutual benefits to ECE, CIVIL and ME departments, the EEE department has taken an initiation in establishing LABVIEW academy since 2014 in which students are trained to need with industry standards.
- The department has started a microcontroller's laboratory in Association with Texas Instruments.
- A Grant-in-aid of Rs7,00,000/- is sanctioned by AICTE under MODROBS scheme for Modernization of power Electronics laboratory.
- A Grant-in-aid of Rs13,83,900/- is sanctioned by AICTE under MODROBS scheme for Modernization of Electrical Machines laboratory
- The department is offering CEIG approved Consultancy Services, like Transformer oil testing.
- Alumni of the department are well placed and settled in various reputed organisations like Infosys, TCS, Robert Bosch etc.
- Good number of students,after completion of B.Tech, are joining reputed institutions, organizations like IITs, NITs, NITIE, to pursue their higher studies, qualifying the relevant exams like GATE, MAT and CAT.

FACULTY ACHIEVEMENTS:

- Dr. K. Sri Gowri, Professor and Head of EEE Department received Certificate of Excellence recognizing her as a Learning Trailblazers during the Infosys Campus Connect Conclave 2021.

- G. Haritha, Assistant professor in EEE dept received a certificate for completing the training in testing stream from EPAM systems India private limited in 2022.

- Sri. B. V. Arun Kumar, Assistant Professor in EEE Dept was awarded Ph.D in Electrical Engineering from SV University, during the academic year 2022-2023(Sept 2022).

- Sri. S. Anil Kumar, Assistant Professor in EEE Dept was awarded Ph.D in Electrical Engineering from JNTU University, Anthapuram during the academic year 2024-25.

- Sri. K. Jagadeesh, Assistant Professor in EEE Dept was awarded Ph.D in Electrical Engineering from SV University, during the academic year 2024-25.

- 4 Faculty members were completed AICTE-QIP-PG Certificate Programme in Emerging Areas during the academic year 2024-25.

SOME OF THE HEALTHY PRACTICES OF THE DEPARTMENT:

- The soft skills training classes are provided for II year students.

- A Platform is provided for II, III and IV year students under IEEE SB /PES/IAS/PELS/ WIE AG Chapter Activities, IE(I) students chapter, EELS to improve and present their technical as well as Extracurricular skills in various disciplines.

- Remedial classes are scheduled for slow learners.

- Bridge courses are offered for II B.Tech lateral entry students.

- Educational Tours are conducted for II, III and IV B.Tech students.

- Students Counseling through Mentors, Class Committee meetings are periodically conducted through Principal.

- Internships are introduced at the end of II,III &IV years in the latest curriculum.

- MOOCs hour is introduced in the timetable to improve self learning skills.

- GATE classes were conducted to II, III and IV B.Tech students.

INFRASTRUCTURE

The Department is well equipped with latest Hardware and Software infrastructure that caters the needs of Undergraduate and post-graduate students in order to meet the industry requirements. It has 2 separate blocks with 6 classrooms which are well furnished with adequate ambience and modern facilities such as LCD projectors along with internet connection. There are 12 faculty rooms, 02 Staff Rooms and 1 room for department library. The department has 12 laboratories with sufficient and additional equipment including 3 computer labs with advanced desktops and multiple operating systems along with air conditioned system

. **SOFTWARE IN DEPARTMENT:**

- MI Power Software
- MATLAB Software & 8 tool boxes
- PSIM Software
- D Space Hardware & Software setup
- NI Lab View
- Texas Instruments Development Tools
- ETAP Software-12.6
- ETAP Software-14.0
- Math works Campus wide Suite for one year.

DEPARTMENT ACHIEVEMENTS:

- Department has been accredited by NBA for five times.

- Intake of B.Tech programme has been increased to 120.

- Department has established Hybrid Power Systems Laboratory.

- Department has established an Internet of Things (IoT) Laboratory.

- Department has established an e-Yantra Robotics Laboratory in association with IIT, Bombay.

- Department has established Automation (Programmable logic controller) Laboratory.

- The department is also generating fund through its consultancy cell by testing transformer oil and meters regularly.

- Electrical drives lab is established with latest drives such as DSP and dSPACE-1104 based drives.

- Computer centre is updated with latest software and systems.

- Department library is updated with new titles.

- Improved Placements.

- E-Class room is established.

- R&D Centre/ Research Laboratory is established

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- Department has successfully organized workshops/FDP's on latest technologies in the field of power systems, power electronics, electric vehicle, electric drives etc.

- Department faculty has developed e-content on various courses of electrical engineering.

- An amount of Rs 10,000/- was received by IEEE WIE AG chapter as a grant for successful organization of WIE Ag-PES student congress from IEEE Hyderabad Section in the month of August 2018. An amount of Rs 28,322/- was sponsored by IEEE Hyderabad Section for smooth conduction of AHPESSC-2018.

- The GPREC IEEE PES CHAPTER of EEE Dept conducted a two day "All Hyderabad Power and Energy Society Students" Congress (AHPESSC-2018) first of its kind in IEEE PES/PELS/IAS Joint chapter of Hyderabad Section. A total of 150 participants took part in this programme. This workshop was sponsored by IEEE PES head Quarters under MDI programme.

- The IEEE PES student's chapter at GPREC received financial support of 1500$US for PES member driven initiative programme for the year 2018 in the name of G. Vijaybhaskar of IV EEE .

SEMINARS/ WORKSHOPS/ CONFERENCES ORGANISED & PUBLICATIONS BY THE FACULTY:

- The department is organizing many workshops and seminars regularly in order to cope up with the latest developments in electrical and electronics engineering. In the Past five years there are 24 workshops and 20 FDP s are organized by the department. The department faculty is regularly updating their knowledge through attending various National level workshops / seminars and constantly in touch with the latest developments in the field of electrical and Electronics Engineering by publishing technical papers in National and International Journals and conferences.
- International Journals-313
- International Conferences-133
- National Conferences-35

R &D ACTIVITIES & MOUS:

- In order to enhance the research skills of faculty and students the department is established MOU'S with well-known companies such as National Instruments, e-Yantra, Venjay automation Private Limited, Creative groups etc. As a result of this MOU'S training is given to Faculty and students in Lab view and microcontrollers and their applications in electrical and electronics engineering. Also in order to encourage the students towards the research activities department is also providing the funding for the fabrication of projects.

- Dr. M. Siva Sathya Narayana Varma had applied a Research Project with a title of "Integrating Ethics, Values, and Innovation in Engineering Education: A Pedagogical Framework for Holistic Development". The funding agency is ICSSR with an amount of Rs 13, 25,000/- for the duration of 1 year.

- Dr. N. Ravi Shankar Reddy had applied a Research Project with a title of "Indian knowledge systems: Indigenous innovation, technology, and development". The funding agency is ICSSR with an amount of Rs 14,86,000/- for the duration of 1 year.

- Dr. Y. V. Siva Reddy had applied and completed a Research Project with a title of "Prototype Hybrid Power system(Solar, wind, Battery and Fuel Cell with smart Technology)." The funding agency is DST-FIST with an amount of Rs 10,65,000/- for the duration of 5 years.

- Dr. V. Anantha Lakshmi had applied a Research Project with a title of "Bio degradable Sanitary Napkins, Automatic Sanitary Napkin vending Machine and Incinerator for menstrual Hygiene of Girls". The funding agency is SEED with an amount of Rs 36, 89,000/-for the duration of 3 years.

- Dr. Urmila had applied a Research Project with a title of "Smart Grid Integrated with electric vehicle charging station". The funding agency is SERB SURE with an amount of Rs 30, 00,000/-for the duration of 3 years.

- Dr. G. Kishor had applied a Research Project with a title of "Game Changing with AI & Machine Learning in Electrical & Electronics engineering". The funding agency is ATAL with an amount of Rs 3,00,000/- for the duration of 1 week.

- Dr. C. Harinatha Reddy had applied and completed a Research Project with a title "Virtual reality in Education"The funding agency is In House Project (Sanctioned)with an amount of Rs1,89,000/-for the duration of Two Year.

- Dr. G. Satheesh had applied a Research Project with a title of "Skill Building for Industry 4.0 & Smart Manufacturing". The funding agency is AICTE-VAANI with an amount of Rs 2,00,000/-for the duration of 2 days.

- Mr. S. Anil Kumar had applied a Research Project with a title of "Performance improvement of transmission line through compensation technique- A practical approach". The funding agency is GPREC (In House) with an amount of Rs1, 85,000/-is in Progress.

- Dr. T. Bramhananda Reddy had applied and completed a Research Project with a title of "A One Week Online AICTE -ISTE Sponsored Refresher Programme on "Real Time Aspects of Automation in Industry-need of the hour from 3-1-2022 to 8-1-2022." The funding agency is AICTE-ISTE Quality Improvement Scheme (AQIS) with an amount of Rs 93,000/-for the duration of One Week.

- Dr. C. Harinatha Reddy had applied and completed a Research Project with a title "A One Week Faculty Development Programme on "VR/AR Applications in Engineering Education" as a part of AICTE ATAL programme from 20th to 24th September 2021." The funding agency is AICTE-ATAL with an amount of Rs 93,000/-for the duration of One Week.

- Dr. C. Harinatha Reddy had applied and completed a Research Project with a title "AICTE-SPICES Grant"The funding agency is AICTEwith an amount of Rs1, 00,000/-for the duration of One Year.

- Dr.N.RaviShankar Reddy had applied and Completed a Research Project with a title "Industrial Automation and Control (Refresher Programme)" The funding agency is AICTE-ISTE Refresher with an amount of Rs 3,00,000/-for the duration of Three Weeks.

- Dr.T.Bramhananda Reddy had applied and Completed a Research Project with a title "Industrial Automation and Control (Refresher Programme)" The funding agency is AICTE-MODROBS with an amount of Rs 6,00,000/-for the duration of Two years.

FACULTY/STUDENT DEVELOPMENT PROGRAMES:

- A One Week International Level Faculty Development Programme (Virtual Mode) on Introduction to Artificial Intelligence on 9th - 14th October 2023.

- A One Week Faculty Development Program on Industrial Automation -PLC & SCADA organized by Department of EEE & IEEE PES\PELS\IAS SB Chapters of GPREC in association with Innovians Technologies TECHNEX24 IIT Varanasi on 5th - 9th Feb 2024.

- Department of EEE in association with IEEE GPREC SB, PELS SBC & WIE AG of G Pulla Reddy Engineering College has organized a 2 Day Student Congress "ANOKHA 5.0 - Inspire Inclusion" on 15th - 16th March 2024.

- Department of EEE in association with IEEE GPREC SB, PELS,PES/IAS SBC's of G Pulla Reddy Engineering College has organized a 5 Day Technical Fest "Vidthyuth Vutsav"on 19th - 23th August 2024.

- IEEE GPREC SB of G Pulla Reddy Engineering College has organized a One Day IEEE Ananthapuramu Zonal Congress "UMANG 2K24 -Technological Advancements and its impact on Humanity"on 14th September 2024.

- JIGNASA - 2K24 National Level Technical Fest on 24th -25th October 2024.

- EEE GPREC PELS & Sensor council organized a One Day Workshop on Machine Learning with MATLAB on 2nd November 2024.

- SWASHAKTHI- A Two Day Women Congress workshop on 6th & 7th December 2024.

EELS (Association of Electrical & Electronics engineering students):

The students in general learn the things through regular classroom teaching, interaction with the faculty, laboratories and other methods of learning. Apart from these, the students will learn and improve their skills when there is a platform for them in which students of different categories are present and also various events such as technical and non-technical are being conducted regularly with their involvement by taking the guidance from the faculty. Hence to provide a platform for the students, the department of EEE started an Association of students with the members from second year to final year and with a specific name that is EELS (Ebullient Electrical League of Students). Also this association motivates the students of EEE department, organized co-curricular activities extra- curricular activities etc. Which caters the need for their overall development in all aspects? In support of this many premier Institutes such as IITs , NITs etc encourage such students associations through which the students proved themselves in organizing very big National events like Sahasra(IIT Chennai)etc. In a similar way the students of GPREC should develop themselves which paves the way for GPREC to become the best in engineering education for students and also for the industry requirements.

STUDENT ACHIEVEMENTS:

- Fahad Ahmed Khan Suri 2006 Passed out Student elected as a Consul General of India to Jeddah.

- Madhan Mettukuru of 2022 batch on his getting placed in "Wells Fargo" as a program associate with a Package of Rs 20 lakhs.

- D. Tejeswari 179X1A0222 of 3rd year won the first prize in Paper Presentation on 3D Printing, National Level Techno Cultural Fest "Mohana Mantra" at SreeVidyaniketan Educational Institutions, and Tirupathi during 27-29 Sep 2019.

- D. Tejeswari 179X1A0222 of 3rd year won the first prize in Paper Presentation on 3D Printing, National Level Techno Cultural Fest "Mohana Mantra" at SreeVidyaniketan Educational Institutions, and Tirupathi during 27-29 Sep 2019.

- 12 students of EEE won various prizes in the event "Panel Discussion on Saving Electrical Energy", IEEE PES, GPREC on 23-09-2019.

- P. Samyuktha 179X1A0283 won the first prize in Volley ball, Chess and Throw ball (Women), 6th Autonomous Engineering College Inter Collegiate Games Meet- 2K20 (AECICGM) at Sri Venkateswara College of Engineering & Technology (Autonomous), Anantapuramu during 9-11 Jan 2020.

- E. Rajendra Prasad Naik 209X5A02C0, K. ChennaKesava Reddy 209X5A02C4 of III EEE won the first prize in Model Expo Event, the 13th National Level Technical Symposium, Ashoka Women's Engineering College, Kurnool during 24-25 Mar 2022.

- Saragonda Rahul 189X1A0291 of IV EEE won Rs.1116/- Cash Prize in Volleyball (M)conducted by JNTUA Inter University Tournaments GPREC on 04-06-2022.

- Vaishnavi 199X1A0262 and Sai Pranathi Modi 199X1A0278 of IV EEE has won the first prize and a cash of Rs.1,00,000.00 in Grand Finale Smart India Hackathon 2022, Pune during 25-26 Aug 2022.

- Vaishnavi 199X1A0262 of IV EEE has won the first prize for "Galactic Problem Solver" in NASA International Space Apps Challenge at IIT Mumbai during 1-2 Oct 2022.

- ChennaKesava Reddy 209X5A02C4, K. Vaishnavi 199X1A0278 of IV EEE won first prize in "Idea in Kreative – 2K23" contest Feb 2023.

- 54 students of first year to final year EEE has won various prizes during the College Day Celebrations held in Feb 2023.

- ChennaKesava Reddy 209X5A02C4, M Kiran Reddy 209X5A02C2 of IV EEE won first prize in SAMSLESHANA-2k23 A National Level Technical Symposium for the paper presented on "Piezoelectric Energy Harvesting and Integration with other Energy Resources formed as a Micro Grid" Annamacharya Institute of Technology & Sciences Kadapa on 15-03-2023

- ChennaKesava Reddy 209X5A02C4, A V Giridhar Teja 199X1A0227 of IV EEE won first prize in Sivananda Smarana Konnect 2K23 A State Level Technical Fest at KSRM College of Engineering, Kadapa on 13-04-2023.

- Vaishnavi 199X1A0262 of IV EEE stood in Top 12 in AP in APSCHE EXCELLENCE AWARDS 2023: INNOVATION category at Vijayawada on 06-05-2023.

- PoojyaYashaswini 199X1A0261 of IV EEE stood in Top 12 in AP in APSCHE EXCELLENCE AWARDS 2023: INFLUENTIAL category at Vijayawada on 05-05-2023.

- Six students qualified for Gate-2024 in the Electrical Engineering discipline.
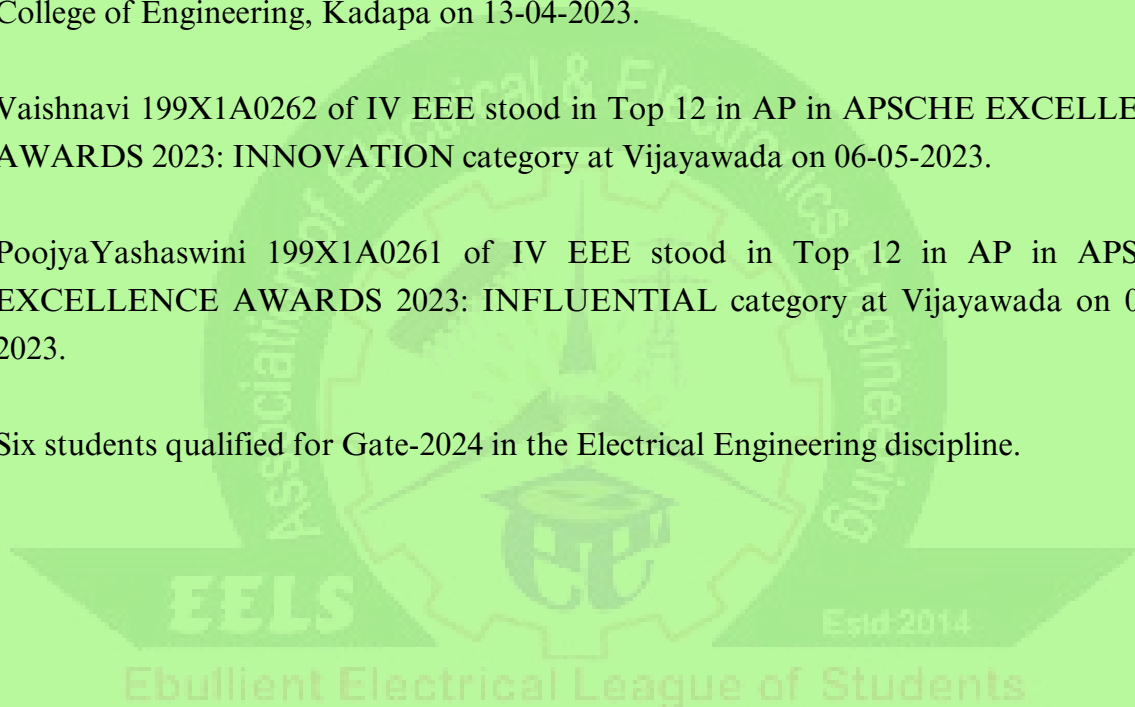
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VISION:

The Department of ECE at GPREC, Kurnool aims to become a model center for Research and Training in the field of Electronics and Communication Engineering.

MISSION:

Besides imparting quality education and training in theory and application the department strives to take up live projects in collaboration with electronics industry to help in developing indigenous technologies.

PROGRAMS OFFERED BY THE DEPARTMENT:

The Department was established on 22nd February 1985 with an intake of 40 students. Now the department offers a Four year B. Tech Degree Programme with an intake of 180 and a two year M.Tech Post Graduate (PG) Degree Program with specialization of VLSI and Embedded Systems with an intake of 12. JNTUA, Ananthapuramu recognized ECE Department as Research center to offer Ph. D Programme (Full Time). Department offers Minor Programs in IoT (Internet of Things), IRT (Industrial Robotics) and offers Honor Program in ECE.

FACULTY & STAFF:

The Department is headed by Dr. K. Suresh Reddy, who has 26 years of experience. The Department is adequately staffed with 4 Professors, 13 Associate Professors, 22 Assistant Professors, 7 Technical Staff and 3 Non-Technical Staff. The Department has highly qualified faculty having specializations in diversified areas of technology like Communications, Signal Processing, Microelectronics, VLSI, Embedded Systems, Microprocessors, Instrumentation and Controls and Digital Electronics.

INFRASTRUCTURE:

The Department has 3 RCC Buildings, ECE Block I, Block II and Block III to house its Lecture Halls, Laboratories, Faculty rooms and Computer Centre. The classrooms are ventilated and well furnished with provision for LCD projector for computer based tutorials, located and well furnished with provision Faculty, the Department Library is equipped

LABORATORIES:

The Department consists of 12 Laboratories. The Department Computer Center is provided with Internet facility of 20 Mbps bandwidth. Computer center consists of 180 systems with latest configurations.

SOFTWARE AVAILABLE WITH THE DEPARTMENT:

1. MATLAB- 2024b with tool boxes in :
   - a. Communication
   - b. signal processing 7.2
   - c. image processing 5.0
   - d. wavelet 4.16
   - e. Matlab coder 3.1
   - f. simulink 8.7
   - g. AI based etc.

2. Xilinx foundation series FPGA Express :
   - a. Active HDL 5.1 VHDL standard Edition
   - b. Active HDL 5.1 VERILOG standard Edition
   - c. Active HDL 5.2 (3 VERILOG +2 VHDL)

3. Simplify pro single user synthesis tool

4. Multisim software

5. Bloom with DSP

6. Code Composer Studio V5.0 and 3.0

7. Proteus VSM version 7.1

8. Keil software

9. Tina Design suite 10.0

10. VLSI Mentor graph tools

11. Intel Atom Processors with Linux OS

12. Cadence Tools

13. Altera university program VHDL-VLSI software

14. Xilinx Vivado system edition version 13.1(25 users)
    - a) Zed code, Zynq 7000 development board
    - b) Vertex 5 and 6

15. Simplify Pro single user synthesis tool

16. PSOC design browser version 7.5

17. PCB Design software

ACHIEVEMENTS BY THE DEPARTMENT:

- Department has been Accredited by NBA Five times.

- Department has Established Cadence @ VLSI Tools Lab and Intel@ Intelligent Systems Lab for achieving excellence in the field of VLSI & Embedded Systems

- Established Internet of Things (IoT) Laboratory in the Department under the Scheme of MODROBS sanctioned by AICTE.

- Department procured PCB Design Machine under the scheme of FIST by DST.

- 1.5 Crore worth of Project Proposals submitted to the Government Funding Agencies.

- Department has MOU with TECHSYS IOT Labs. Maven Silicon, Bengaluru. National Technological University, Buenos Aires, (GIBIO). Dept of Biological Engg, University of the Republic, Uruguay. Capricot Technologies, Bengaluru. Entuple Technologies, Bengaluru.

- Conducted 4 FDPS and 2 STTPS in the Department sanctioned by ATAL Academy (AICTE) with a worth of Rs10Lakhs during the Academic Year 2020-21.

- Department of ECE Organized International Conferences "ICSPECS-2019" on 11th -12th January, 2019 and AICTE Sponsored International Conference "ICCCEEE-2020" on 11th -12th January, 2020.

- Department is recognized as Research Centre by JNTUA, Anantapuramu.

DEPARTMENT MOUs WITH INDUSTRIES SUPPORTED LABAORATORIES:

- MOU with Cranes Software International Limited, Bangalore for establishing "Texas Instruments Embedded Systems Lab".

- MOU with CoreEL Technologies(I) Pvt.Ltd. Hyderabad for achieving "Xilinx –CoreEL, VLSI-FPGA Centre of Excellence".

- MOU with Cadence Design Systems (Bangalore) Pvt. Ltd, Limited for establishing "Cadence VLSI Lab".

- MOU with Intel Technology Private Limited for establishing "Intel Atom Processors Lab".

- MOU with Ashira Laboratories Pvt. Ltd. Hyderabad. To setup training, internship and hiring in AI & IOT related technologies.

FDPS/WORKSHOPS AND CONFERENCES ORGANIZED BY DEPT:

- The "SoC PHYSICAL DESIGN USING CADENCE TOOLS" workshop was organized by Dept. Of Electronics and Communication Engineering in association with Sastra Micro Systems, Hyderabad on 4th and 5th March 2016.
- Two day workshop, titled "Android App Development" was conducted in association with Robo-tech labs, Noida, on 15th & 16th September, 2017.
- A Two Day International Conference on Advances in Signal Processing, Power, Embedded, Soft Computing, Communication and Control Systems (ICSPECS-2019) was organized on 11th and 12th January 2019, with Dr S Nagaraja Rao, Professor, as Convener.

- A Two Day AICTE sponsored International Conference on Computing, Communication, Electrical and Electronics Engineering (ICCCEEE-2020)

- Smt G Divya Praneetha, Smt. D Rohini organized A Five day Technical Fest "VYGNAAN" 2K23 IEEE student branch, at GPREC(A)Kurnool.14 to 19 December 2023.

- The department of ECE in association with IEEE Student Branch Communication Society (IEEECOMSOC) has a Five Day National Level Workshop on "Silicon to System Design" from 18th to 23rd August 2023 at GPREC, Kurnool.

- The department of ECE has organized a Two Day Online Guest Lecture on "Structural Health Monitoring using IoT", with Dr. Abhinandan Prateek being the resource person on the dates, 1st and 2nd September 2023. A total of 57 faculty members and research scholars have participated.

- The department of ECE has conducted a One Week Workshop Day Advanced Analog and Digital Design Using Cadence EDA Tools for the faculty from 03th to 07th December 2024.

RESEARCH & DEVELOPMENT ACTIVITIES :

- Dr. K. Suresh Reddy spearheaded the project on speech and video processing on SoC and the development of SoC station. Funded by AICTE RPS with 5.20 Lakhs, the project was sanctioned under reference number Ref.No: 20/AICTE/RP S (Policy-1) 5/2013-14 and has been successfully completed.

- Dr. P. Abdul Khayum led the project on heart regurgitation severity analysis using image processing techniques. Funded by UGC MRP with an allocation of 4.26 Lakhs, the project was sanctioned on 18.01.2016 under file number F.No: 43-308/2014(SR) and has been completed.

- Dr. K. Suresh Reddy is the principal investigator of the project to modernize the embedded systems lab with IoT. Funded by AICTE with an allocation of 5.4 Lakhs, the project is currently on-going under reference number Ref No: 9-145/RIFD/MODROB/(Policy-1)/2016-18.

- Sri D.R. Srinivas led the Photography and Surveillance Drone project, with a funding amount of 1.6 Lakhs. The project was sanctioned under proposal number GPREC/RD/IHP/2015-16/ECE/3 and has been completed.

- Sri T. Thammi Reddy led the project on the Application of Reconfigurable Computing for SDR Protocols. Funded with an amount of 1.0 Lakhs, the project was sanctioned under proposal number GPREC/RD/IHP/2015-16/ECE/2 and has been completed.

- Sri. G. Amjad Khan led the Finger Print Based Exam Hall Authentication project, with a funding amount of 0.75 Lakhs. The project was sanctioned under proposal number GPREC/RD/IHP/2015-16/ECE/1

AWARDS/ PATENTS:

- Dr. P. Abdul Khayum, Dr. S. Nagaraja Rao, Dr. S. Govindarajulu, Dr. S. Saheb Basha, Dr. B. Doss, Dr. T. Thammi Reddy, Dr. J. S. T. Thilagam, Dr. S.M. Shamsheer Daula, Smt. K. Udaya Kiran, Smt. S. Vyshali, Sri M. Madhusudhan Reddy, Sri. G. Ramesh, Sri. L. Lakshmi Prasanna Kumar, Ms. W. Yasmeen filed a patent with title "A System for Managing Power Conductors" with number 20184102218 A on 16/11/2018.

- Dr. G. V. R. Sagar published patent Upper Limb Moment Detection Using EEG Signals and Hybridized Neural Networks with 2020410224282 A on 26/06/2020.

- Dr. G. V. R. Sagar, published a patent on A Novel Method and System for Human Action Recognition Using Difference DEPT Motion Map and Convolution Neural Networks 201941054742 A on 28/08/2020.

- Dr. S. M. Shamsheer Daula, Dr. G. Ramesh, Sri. M. Madhusudhan Reddy, Dr. G. Amjad Khan, published a patent onAn IoT Enabled Foot Operated Two Wheeler Steering Mechanism For Handicapped Persons 2020102133 on 30/09/2020.

- Dr. G. V. R. Sagar published a patent on Deep Learning Based System for the Detection of COVID-19 Infections 2021100007 on 10/03/2021.

- Sri. K. Raju, published a patent on Recognizing Parking Spots And Distinguishing Inhabitance Utilizing Vision Based IoT, 202141019090 on 07/05/2021.

- Smt. P. Bindu Swetha, published a patent on A novel method for proximal detection invertebrate pets on crops using deep residual convolutional neural network trainned by virtual images 202141029521 on 30/06/2021.

PLACEMENT DETAILS:

- With over 2000 job offers facilitated, a remarkable 1126 students out of 1600 eligible students have achieved successful placements within the last decade, many securing coveted positions in top MNCs like: QUALCOMM, Amazon, TATA-Elxsi, IBM, , CTS Gen-C Next, CTS, DXC Technologies, L&T Technology Services Limited, TCS Digital, TCS - Ninja, Infosys - InfytQ-HackWithInfy, Infosys, HCL, Robert Bosch, Smartron, Sonata Software Hexa-ware Technologies, Wipro Talent Next, Wipro NTH, NTT Data, i-Link Multi-tech Solutions Pvt Ltd., Medha Servo Drives, Accenture, Capgemini, Deloitte, Soliton,Techigai, Modak Analytics, Mindtree, Broadcom, Alamance IT Solutions, Presidio Solutions, , Riktam, Hyundai Mobis, SoCtronics, VEDHA IIT, Efftronics Systems, 5 Y Solutions, L-Cube, Cyient, Smart DV, FACE, Cranes Software, Surya-Tech Solutions, Lead-Shuttle Technologies Pvt. Ltd, Ginger Cup, OSI SYSTEMS , BTBP, GGK tech, BROADRIDGE Financial Solutions India Pvt Ltd, Tessolve Semiconductor Pvt Ltd, ANDHRABANK, BANK OF INDIA, AMI Startup, Harmen Connected Devices, NCERA. boasting an average package of 7 lakhs/annum.

STUDENT ACHEIVEMENTS :

- K. Renuka of III ECE won Second Prize for the paper titled "3-D Holographic Technology" in National Level Students' Symposium Sigma 2015 held at Shantiram Engg College, Nandyal on 10 th October 2015.

- B. Vijaya Sree of III ECE won First Prize for the paper titled "Software Defined Radio for RFID Technology", in National Level Technical Symposium, Scintillace 2K16 held at JNTUACE , Pulivendula on 14 th March 2016.

- Under NSS Activity 2 nd ECE were participated in various regular activities of NSS like blood donation camps, tree plantation, awareness programs, campus cleaning, swatch GPREC, and programs in adopted villages. Also, some of the following students were participated in special camp for 7 days (4th to 10th Aug, 2017) at B. Thandrapadu village.

- S. Geetha, second year student has won Second prize in Essay Writing event conducted in National Level Cultural Mela 2017 on 3rd Sep 2017, organized by S V Subba Reddy Foundation of Culture & Human Service Society, Kurnool.

- Sri. D. Rajesh Reddy has achieved an ALL India Rank of 20 in engineering services Examinations (ESE-2017) conducted by UPSC.

- Y. Siva sai (Roll No-229X5A04N4) of II year ECE and P.Reddaiah (Roll No-229X5A04M7) of III year ECE secured 1st Prize in Project Expo event in Ripple-2K23 held at RGM Engineering college, Nandyal on 1st and 2nd March, 2024.

- M. Rehana (Roll No-229X1A0428) of II year ECE secured 2nd prize in Paper presentation for the paper titled "Quantum computing" in Avishkar-2024 held at Ashoka Women's Engineering college, Kurnool on 13th March, 2024.

- P. Lokesh verma (Roll No-239X5A04M1) of II year ECE secured 3nd prize in Paper presentation for the paper titled "LPG gas leakage detection and prevention" event in SIGMOID-2024, held at S.V.Univeristy, Tirupathi on 17th and 18th March, 2024.

- N. Sreenija Reddy (Roll No-199X1A0491) of 2019-2023 ECE batch secured admission in Joint M.Tech/MCP programme (Vision & Intelligent systems) at IIT, Kharagpur in the month of July 2024.

DEPARTMENT OF EMERGING TECHNOLOGIES IN COMPUTER SCIENCE

1. ABOUT DEPARTMENT:

Emerging Technologies in Computer Science and Engineering Department was established in the year 2022. This branch is offering three courses, Computer Science and Business Systems (CSBS), CSE- Artificial Intelligence & Machine Learning (CSM) and CSE- Data Science (CSD). Computer Science and Business Systems (CSBS) programme is offered in association with TCS from the Academic Year 2020-21 with an intake of 60. Computer Science and Business Systems is an Industry relevant Computer Science Programme launched by TCS. To address the growing need of engineering talent with skills in digital technology, TCS, in partnership with GPREC, has designed a curriculum for 4 years undergraduate program on Computer Science titled "Computer Science and Business Systems (CSB). Computer Science and Business Systems covers a well-designed curriculum that comprises experiential learning to meet the changing needs of the computer science industry. The program aims to create an excellent academic ambience that promotes innovation and research, along with the collaboration of world-class academic institutions and software industries for mutual benefit.

Computer Science and Engineering in Artificial Intelligence and Machine Learning (CSM) programme was started in the year 2021-22 with an intake of 60. Over the years, it has grown by leaps & bounds and the current intake is 180. Computer Science and Engineering in Artificial Intelligence and Machine Learning helps students to design and develop computer-based applications of varying complexities in emerging areas of Artificial Intelligence and Machine Learning. The curriculum primarily focuses on the foundations of computational mathematics, core components of Computer Science, along with the latest advancements in Artificial Intelligence and Machine Learning. Computer Science and Engineering in Data Science (CSD) programme was started in the year 2021 with an intake of 60. Over the years, it has grown by leaps & bounds and the current intake is 120. Computer Science and Engineering in Data Science will provide students with the right engineering knowledge, design & development of solutions, problem analysis, sustainability, project management, and effective business communication.

2. BRANCHES OFFERING:

- Computer Science and Business Systems (CSBS),
- CSE- Artificial Intelligence & Machine Learning (CSM) and
- CSE- Data Science (CSD)

3. MISSION AND VISION:

VISION:

- The department aims to become a leader in the field of education, training, and research in emerging technologies of computer science with managerial skills and social values.

MISSION:

Mission 1: To facilitate competent Industry Relevant Education through Teaching Learning process.

Mission 2: To inculcate interest on Research and Innovation through critical thinking.

Mission 3: To impart values and ethics for prospective and promising engineering.

4. HIGHLIGHTS OF DEPARTMENT:

Placement details:

- CSBS Batch-2025 totally 70 students were registered for placements and 59 got successfully placed.
- CSD Batch-2025 totally 72 students were registered for placements and 65 got successfully placed.
- CSM Batch-2025 totally 71 students were registered for placements and 67 got successfully placed.

5. HEALTHY PRACTISES BY FACULTY:

- Each faculty will be allotted as a mentor for students in order to maintain discipline and shaping a behaviour to the students.
- A Platform is provided for II, III and IV year students under , IE(I) students chapter, CSI to improve and present their technical as well as Extracurricular skills in various disciplines
- Mentoring sessions and remedial classed will be scheduled to students every week.
- MOOCs hour is introduced in the timetable to improve self learning skills.

6. FACULTY SUMMARY:

- Professors : 02
- Associate Professors : 06
- Assistant Professors : 24
- Teaching Assistants : 07
- Total : 39

Faculty qualifications:
- No. of Faculty with Ph.D. degree : 07
- No. of Faculty Pursuing Ph.D. : 09
- No. of faculty with PG Qualification : 17

Visiting Faculty:

Sri Siva Reddy , MS,MBA,PMP
- Vice President and Head of Business Strategy, United Technology Solutions Inc., USA.

Sri Sridhar Chitraju, Masters from IIT (Bombay) and
- Executive program from IIM(Bangalore), Program Director at Kyndryl CTO CoE (formerly known as , IBM GTS Labs).

Sri Venkateswar Reddy Melacheruvu,
- Masters from IIT (Kanpur) , Chief Technology Officer at Brillium Technologies,Bengluru.

Dr R P. Jagadeesh Chandra Bose
- Alumni 1998-2002, Data Scientist, Bangalore .

Dr Mahindra
- Alumni 87-91, Industry Expert

Dr R S Chalapathi,
- Alumni 84-88, Industry Expert and Professor of Practice

7. INFRASTRUCTURE:

Ground floor:
- HOD cabin, 2 ladies staff room , girls waiting hall and washroom
- Drone lab to the left side of HOD's cabin , 1 ladies staffroom, design thinking and innovation lab (DTI Lab) staff meeting room.

I Floor:
- 3 Classrooms, 3 staffrooms, 2 labs, Associate HOD room, two washrooms.

II Floor:
- 3 Classrooms, 3 staffrooms, 2 labs, two washrooms.

III Floor:
- 3 Classrooms, 3 staffrooms, 2 labs, two washrooms.

IV Floor:
- 3 Classrooms, 3 staffrooms, 2 labs, two washrooms.

8. SOFTWARE AVAILABLE:

- The Department of ECS totally has 8 computer labs in which 6 labs are equipped with 80 systems in each.

- Two open labs which can accommodate at least 80 students in each with internet access that helps the students to explore beyond textbook and revise the classes with their own laptops.

Lenovo Think Centre
- Processor : Core i5 (11th Generation)
- Memory : 16 GB DDR4
- Hard Drive : 512GB SSD
- Each lab is equipped with 20 KVA UPS (In lab 1,2,3,4 only)

HP Pro Tower 280G9
- Processor : Core i5 (12th Generation)
- Memory : 16 GB DDR4
- Hard Drive : 512GB SSD
- Each lab is equipped with 20 KVA UPS
- (in lab 5&6)

9. FDP'S CONDUCTED/ ORGANIZED:

- Department of Emerging Technologies in Computer Science, G. Pulla Reddy Engineering College has organized a National Level One Week Online Faculty. Development Program on "Amazon Web Services (AWS)" in association with Brain-O-Vision Solution India Pvt. Ltd in collaboration with AICTE, Ministry of Education.
- Govt. of India from 22.08.2022 to 27.08.2022. A total of "144" faculty members were participated in the FDP. Department of ECS and CSE, G Pulla Reddy Engineering College has organized a one-day workshop on "Cyber Security" conducted by NIIT Foundations in association with CISCO on 30th September 2022.

10. WORKSHOPS /CONFERENCES /SEMINARS ORGANIZED :
- Department of ECS , GPREC (Autonomous), Kurnool has organized one week National level FDP on Cloud Infrastructure (AWS) in Association with Braino O Vision from 21st August -25th August 2023.
- Department of ECS , GPREC (Autonomous), Kurnool Department of ECS , GPREC (Autonomous), Kurnool one week National level FDP on Cloud Infrastructure (AWS) in Association with Braino O Vision from 21st August -25th August 2025.

- Department of ECS , GPREC (Autonomous), Kurnool has Organized a one week online International level FDP on "Introduction to Artificial Intelligence" during 9th October to 14th October 2023, organized by Department of ECS & EEE,GPREC in association NI Lab View Academy of GPREC.

- Department of ECS , GPREC (Autonomous), Kurnool has Organized a one week online FDP on "UAV Technologies and its Applications" during 10th October 2023 to 18th October 2023.

11. STUDENT ACHIEVEMENTS/ CERTIFICATIONS:

- M.S.Misba Bilquis, D. Haneesha and A. Trisha of III CSBS has participated in hackathon-2022 and got shortlisted in NASA space Apps challenge which is organised by GPREC.

- A total of 100 students have participated in a workshop Cyber Security on conducted by NIIT Foundation and CISCO.

- M. Pavitra, of CSM has secured First place in Dist. Level Elocution Competition held in the occasion of "Minorities Welfare Day & National Education Day" on 11th November 2022, by the Govt. of India.

- Students have undergone Internships on Cyber security and Ethical Hacking offered by Microsoft Certiport, web development by BOLT, Cyber security virtual Internship by Eduskills.

- Six students bearing Roll Numbers 209X1A2955, 209X1A2959, 219X5A2966, 219X5A2967,219X5A2968, 219X5A2969 have participated in Smart India Hackaton 2022 at Bombay.

- M.sree varshini, III sem CSD Published an article (Title: Unstoppable) to NEXUS magazine.

- Attended webinar on 5G: A Catalyst for the Next Wave of Innovation and Digital Transformation Microsoft Innovative Educator 2022.

- M. Mani chandana of VI-Sem CSBS achieved a Google certificate on Google Analytics Beginner and Google Analytics Advanced.

- A team of 7 students (D. Bhavani, J. Praneeth, D. Chenna Keshava Reddy, K. Siva Bharathi, P. Rupa, G. Sai Nikhil and M. Bilva Sai Eswar) have participated in Smart India Hackaton 2022 at Bombay.

- M.Pavitra of IV CSM has stood amongst three in National level Essay Writing Competition & Received a cash prize of Rs 5,000/ and certificate from IIT Hyderabad.

- 56 VI SEM CSBS students have participated in a one day workshop on Cyber Security on 30th September 2022 conducted by NIIT Foundation and CISCO.

12. FACULTY PUBLICATIONS :

Publications in International Journals :

- Praveen Sam R has published a paper entitled "Threat-Path Estimate-Based Watchword-Chunk Algorithm for Advanced Persistent Threat in the Cloud", with ISSN:1545-7362 Volume 19, Issue-1 SCIE Aug 2022.

- Praveen Sam R has published a paper entitled "Detection of Malicious Bots using Machine Learning" with ISSN:0377-9254 Volume 13 Issue 12 UGC CARE Approved Group "A" December 2022.

- Dr. K. Govardhan Reddy has published a paper entitled "Data Acquisition through Mobile Sink for WSNs with Obstacles Using Support Vector Machine" with ISSN:1687-725X Volume 2022, Article ID 4242740 SCIE Aug 2022.

- Dr. K. Govardhan Reddy has published a paper entitled "A novel data visualization method for the effective assessment of cluster tendency through the dark blocks image pattern analysis", with ISSN:0141-9331 Volume:93, Issue:2022, ID:104625 SCIE Aug 2022.

- Vinay Kumar, Sri V Suresh, M Haritha, M Shashidhar has published a paper entitled "The Potentiality of big data through deep data Analytics: in the field of telecommunications" Journal of Xidian University,VOLUME 16, ISSUE 9, 2022.

13. MOMARANDUM OF UNDERSTANDING :

- ECS Department has MOU with EDUSKILLS from the year 2022 onwards

14. ECS DEPARTMENT HAS THE FOLLOWING STUDENT CHAPTERS :

- IEI (INSTITUTE OF ENGINEERS INDIA)
- IEEE (INSTUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS)
- CIS (COMPUTATIONAL INTELLIGENCE SOCIETY)
- CSI (COMPUTER SOCIETY OF INDIA)
- ISTE (INDIAN SOCIETY FOR TECHNICAL EDUCATION)

15. WORKSHOPS AND CONFERENCES CONDUCTED :

- Department of Emerging Technologies in Computer Science, G. Pulla Reddy Engineering College has organized a National Level One Week Online Faculty Development Program on "Amazon Web Services (AWS)" in association with Brain-O-Vision Solution India Pvt. Ltd in collaboration with AICTE, Ministry of Education, Govt. of India from 22.08.2022 to 27.08.2022. A total of "144" faculty members were participated in the FDP.

- Department of ECS and CSE, G Pulla Reddy Engineering College has organized a one-day workshop on "Cyber Security" conducted by NIIT Foundations in association with CISCO on 30th September 2022.

- Department of ECS, G Pulla Reddy Engineering College has organized a five-day online FDP on "ETL- Data Warehousing Tools" from 31st October to 4th November 2022.

- Department of ECS, G. Pulla Reddy Engineering College has organized a 5-day online FDP on "Recent Trends in Computer Science" from 20th to 24th December 2022.

- Department of ECS, GPREC, has conducted a Expert Session on "Overview of Python and its Industrial Applications", for CSB students on 06th January 2023, by TCS Experts.

- Department of ECS, GPREC, has conducted a AICTE - Adobe workshop on "Adobe Express for Faculty" on 21st January 2023, by B.Gayatry and A.Ojaswi.

- Department of ECS, GPREC, has conducted a Webinar on "Azure Data Factory and Azure Synapse", for CSB students on 18th January 2023, by TCS Experts.

- Department of ECS, GPREC, has conducted a AICTE - Adobe workshop on "Adobe Express for Faculty" on 21st January 2023, by B.Gayatry and A.Ojaswi.

- Department of ECS, GPREC, has conducted a webinar on "IIT Mumbai's Placement Preparation", for students on 03rd February 2023, by IIT Experts.

- Department of ECS, GPREC, has conducted A 2-Day Techcamp on "Cloud Technology", from 14th to 16th Feb 2023, by MR.Bibek Ranjan & MR.Pawan Kumar.

- Department of ECS, GPREC, has conducted workshop of "XR and Metaverse Industrial Workshop",from 1st March 2023 to 6th March 2023, by Mr K. Chakradhar, TCS Extended Reality Lab.

- Department of ECS, GPREC, has conducted on "Opportunities and Challenges in IT Sector: Software Mastery Bootcamp -Unlock Your Potential",from 6th – 11th March, 2023 by Mr .Mohammed Ismail, Manager Data Science, Blend 360, Mr .Samiyoddin Saayad, TCS, Mr. S Abdul khadar Zeelan, Cloud Ops Engineer, checkmarx, Mr. Sajjad Ali Khan, Development Manager, Microcare Solutions, Mr.Syed Muzammil Hussain Manager-Software Engineering, Oracle Cerner.

- Department of ECS, GPREC, has conducted 5 Day FDP on "Data Science and its Applications", in Association with JNTUA from 24th April to 28th April 2023, by Prof.DVLN Somayajulu ,Director IIITDM, Dr.C.Nagaraja, Dr.K.Satya Babu IIITDM, Dr.RP Jagadeesh Chandra Bose, Dr.K.Venkateswara Rao NIT Warangal, Dr.T.Rama Krishnudu NIT Warangal, Dr.K.Raghavendra Scientist ISRO.

- Department of ECS, GPREC, has conducted Physical Guest Lecture on "Machine Learning Workflow",on 06th MAY 2023, by Mulla Zaheer Ahamed , Lead Engineer, RaiFox IT Consultancy Pvt Ltd, Bangalore.

- Department of ECS , GPREC (Autonomous), Kurnool has organized one day workshop on "Academic Interface Program" on 18 th November 2022 in collaboration with Tata Consultancy Services.

- Department of ECS , GPREC (Autonomous), Kurnool has organized one week National level FDP on Cloud Infrastructure (AWS) in Association with Braino O Vision from 21 st August -25 th August 2023.

- Department of ECS , GPREC (Autonomous), Kurnool Department of ECS , GPREC (Autonomous), Kurnool one week National level FDP on Cloud Infrastructure (AWS) in Association with Braino O Vision from 21 st August -25 th August 2023.

- Department of ECS , GPREC (Autonomous), Kurnool has Organized a one week online International level FDP on "Introduction to Artificial Intelligence" during 9 th October to 14th October 2023, organized by Department of ECS & EEE,GPREC in association NI Lab View Academy of GPREC.

- Department of ECS , GPREC (Autonomous), Kurnool has Organized a one week online FDP on "UAV Technologies and its Applications" during 10 th October 2023 to 18 th October 2023.

16. PLACEMENTS :

- The 2024 batch is the first passed out batch for ECS department is CSBS (Computer science and business systems). In that totally 47 students got registered for placements and 33 students got placed.

Package details CSBS 2024 :
1. least package : 3.35 LPA
2. Average package : 7 LPA
3. Highest package : 9 LPA

Package details CSBS 2025 :
1. least package : 4 LPA
2. Average package : 5 LPA
3. Highest package : 9 LPA

Package details CSD 2025 :
1. least package : 4 LPA
2. Average package : 4.5 LPA
3. Highest package : 5 LPA

Package details CSM 2025:
1. least package : 4 LPA
2. Average package : 4.5 LPA
3. Highest package : 5 LPA

17. FACULTY AWARDS AND ACHIEVEMENTS :

Dr. R. Praveen Sam, Professor & HOD of ECS department, G. Pulla Reddy Engineering College, Kurnool has conducted a NAAC Mock Inspection as per the terms and conditions of MOU between GPREC. Kurnool and SVREC, Nandyal during 05-11-2023. Dr. R. Praveen Sam, Professor & HOD of ECS department, G. Pulla Reddy Engineering College, Kurnool has participated as a Jury Member in "TECHNOBRAIN - 2K23" a National Level Technical Paper Symposium of Computer Science & Engineering Department on 25-11-2023 in St. John's College of Engineering and Technology, Yemmiganur.

- Dr. R. Praveen Sam, Professor & HOD of ECS Department, G Pulla Reddy Engineering College was awarded with "University Best Teacher Award- 2023" by JNTUA in Engineering Category which was conducted at Ananthapuramu on 13th December 2023.

- Dr. R. Praveen Sam, Professor & HOD of ECS department, G. Pulla Reddy Engineering College, Kurnool has conducted a NAAC Mock Inspection as per the terms and conditions of MOU between GPREC. Kurnool and SVREC, Nandyal during 05-11-2023.

- Dr. R. Praveen Sam, Professor & HOD of ECS department, G. Pulla Reddy Engineering College, Kurnool has participated as a Jury Member in "TECHNOBRAIN - 2K23" a National Level Technical Paper Symposium of Computer Science & Engineering Department on 25-11-2023 in St. John's College of Engineering and Technology, Yemmiganur.

- Dr. R. Praveen Sam, Professor & HOD of ECS Department, G Pulla Reddy Engineering College was awarded with "University Best Teacher Award- 2023" by JNTUA in Engineering Category which was conducted at Ananthapuramu on 13th December 2023.

- Dr R Praveen Sam. Professor & Head of ECS, G. Pulla Reddy Engineering College, Kurnool has attended as a Jury member for the event Students Technical Paper Presentation in the fest KITES-2K24 on 28.02.2024 at Dr K V Subba Reddy Institute of Technology, Kurnool.

- Dr. R.Praveen Sam, Professor & HOD of ECS Dept, GPREC was awarded with "Academic Titan Achievement Award" by the Artificial Intelligence Medical and Engineering Researchers Society which was conducted at Hyderabad on 10-04-2024.

- Dr.K.Govardhan Reddy, Professor of ECS, G.Pulla Reddy Engineering College(Autonomous) was awarded with Yuva Acharya Award by the All India Level Biggest Award Ceremony Of Education & Research which was conducted at Hyderabad during 2022-2023.

- Dr. Y. Rama Mohan, Associate Professor of ECS, G.Pulla Reddy Engineering College (Autonomous) was awarded with Research Excellence Award by the Ø VDGOOD Professional Association which was conducted at Hyderabad on 17/12/2022.

Department of Humanities & Basic Sciences

The Department of Humanities & Basic Sciences is formed by amalgamating Humanities, Mathematics, Physics and Chemistry departments for the convenience of administration of faculty handling common courses to I.B.Tech., and is headed by Dr.K.V.S.Gopala Krishna Sastry. The Department is strong with 44 faculty, three Professors, three Associate Professors, thirty eight Assistant Professors, four technicians and two attenders. To enhance the teaching-learning process, the department has also hired highly qualified and distinguished guest faculty.19 of the faculty are doctorates and 14 of them are pursuing their Ph.Ds. In addition, nine faculty members have qualified SET, and one faculty member has qualified NET. Two of the English faculty have done PGDTE from EFLU. Some of our faculty members serve as guest lecturers at Rayalaseema University, and the English faculty also teach classes for sister concerned GPRDCH students. The department offers Professional Communication and English, Engineering Mathematics, Engineering Physics, Chemistry and Engineering Chemistry as common theory courses and three common laboratory courses namely Phonetics and Communication Skills, Engineering Physics and Engineering Chemistry. The Phonetics and Communication Skills Lab serves as a vital resource for honing both phonetic knowledge and communication techniques. By developing pronunciation, transcription, and speech analysis skills, students can greatly improve their ability to communicate effectively across various contexts. The lab's combination of practical exercises, modern equipment, and personalized feedback creates a conductive environment for mastering the intricacies of speech and language. Recently, the engineering physics and chemistry labs have been expanded with new equipment consisting of more no. of sets and can now accommodate 65 students at a time. The Department also offers Mathematics, Environmental Science and Managerial Economics and Financial Accountancy courses at 2nd year level. The department is also planning to strengthen research activity by taking up more research projects with sponsorship from different funding agencies like AICTE, UGC, DST, etc., in the coming years.

Recently, the department organized an International Conference on Advances in Computational Mathematics and Applied Physical Sciences-ICACMAPS-2025 on 10th - 11th January 2025. "Shaping future for sustainable development by combining interdisciplinary knowledge and innovations in Science and Engineering" is the theme of the conference. Conference brought multiple research domains together on one platform and applied research from one field to another in order to optimize its applications in the current scenario. The conference had excellent result by receiving research papers from 17 Indian states which indicates the quality of the conference. Totally 243 research papers have been received among that selected 153 papers based on the quality of the paper and are presented in the conference.

Rhetoric 2K24- Rhetoric Inter-Collegiate Oratory Championship was conducted by English Club from 4th to 13th November 2024 in the department. It is a three-round inter-college event celebrating expression and intellectual exchange through panel discussions and performances.

Department also organized an event Festivista from 12th to 16th March 2024. Festivista an intra-college festival promoting collaboration and creativity through panel discussions, performances, workshops, and exhibitions that showcase diverse talents and inspire learning.

The department organized one day workshop on National Science Day on 28th February 2024. As part of this event various schools and colleges exhibited Science and Engineering prototypes on the campus.

The department organized a two day National workshop on "Data Analysis Using R Software" on 28th and 29th March 2023. The department also organized a two day International Workshop on Advances in Materials and Future Scenario on 30th and 31st December 2022.

Department of Physical Education

The Games and Sports wing was established in the year 1985. The Department of Physical Education at G.Pulla Reddy Engineering College (Autonomous), Kurnool, is actively functioning under a full time Director of Physical Education. The department has the necessary infrastructure for sports and games activities.The play fields include Cricket, Football, Volleyball, Kabaddi, Throwball, Basketball, Tennikoit and a 200 meters track is also available for regular practice. Indoor games like Shuttle Badminton, Table Tennis, Caroms, Chess, Individual stations and Multi stations Gym for boys and girls. Fitness equipments for both boys and girls are also available.

Succession List of the Games & Sports Wing :

1. **Dr B.Vijaya Bhaskar Reddy i/c**   1985-1994
2. **Dr A.Vijaya Kumar**   1994 - till date

Asst. In-charges of the Games & Sports:

- Ms. P.Vasundhara Reddy
- Mr. K.Ravi kumar
- Mr. B.Kiran kumar

Helpers of the Games & Sports : Mr. N. Prasad Babu

- Besides providing regular practice sessions to students in the games of their choice, the department also provides special coaching for Inter Collegiate and Inter University tournaments. The department also oversees 1217 students of First Year in Extra Academic Activities (EAA) as a part of the events. During these Extra Academic Activities, the students have to compulsorily participate in Sports and Games.

- The Games and Sports Wing conduct Intramural competitions that share a spirit of enthusiasm and competitiveness, called "UDAAN" every year in which more than 850 students from various departments of students participated.

- Scope of Games and Sports in G. Pullareddy Engineering College (Autonomous), Kurnool strives to be a leader in innovation and best practice in a range of aspects for sports development, fair play and ethics in sport for participants. Aims & Objectives of Games and Sports is to recognize and develop outstanding talent at higher level of sports participation. Vision of Games and Sports, G. Pullareddy Engineering College (Autonomous), Kurnool is committed to provide good coaching through sport. Mission of Games and Sports, to extend and promote the concept of 'Sports for All, Sports for Health, Sports for Well-being, Sports for Excellence and Sports for World Peace'

Students Achievements – Inter University Participation :

College Cricket Team: Won the trophy in the Kurnool District Eenadu Cricket Tournament (2024).

Ms. Ganji Varsha (III ECE): Represented South Zone Junior National Basketball Tournament (Calicut, Kerala, 2022) and the All India 72nd Junior National Basketball Tournament (Bengaluru, Karnataka).

Mr. Ambati Pranay (III ECE) & Mr. G. Mohammad Samad Hafeez (III CSM): Runners-up in the 11th JNTUA Inter Collegiate Tournament (organized by Audisankara College of Engineering & Technology, Gudur, Nellore).

JNTUA Inter University Participants:

Ms. G. Naga Sowgandhi (IV CSE): Represented in Fencing.

Ms. G. Varsha (III ECE): Represented in Basketball.

Mr. P. Sai Nishanth Reddy (IV ECE): Represented in Basketball.

Mr. C. Sagar (IV ME): Represented in Cricket.

Ms. G. Venkata Sushma (IV EEE): Represented in Kho-Kho.

Ms. K. Sreevani Ganapathi (IV EEE): Represented in Kho-Kho.

Mr. B. Raja Shekar (III ME): Represented in Kho-Kho.

Mr. M. Sumanth Raj (IV ME): Represented in Volleyball.

Ms. R. Likitha Sai (IV CSBS): Represented in Volleyball.

Ms. T. Sravani (IV CSM): Represented in Badminton.

Mr. Ambati Pranay (III ECE): Represented in Badminton.

Mr. G. Mohammad Samad Hafeez (III CSM): Represented in Badminton.

**Mr. Kodadala Rohith Reddy (IV CE):** Represented in Handball.

Mr. N.K. Deekshith (III ECE): Represented in Handball**.**

Mr. Pulyala Sreekanth Reddy (III CSE): Represented in Football**.**

Mr. Rudrakshala Surya (III CSE): Represented in Football.

Mr. S. Bhavani Prasad (IV ME): Represented in Hockey.

In-spite of their busy academic schedule, the students of the college, evince great interest in the games and sports. The wing takes proud in the students for bringing laurels to the college through their excellence in Sports and Games
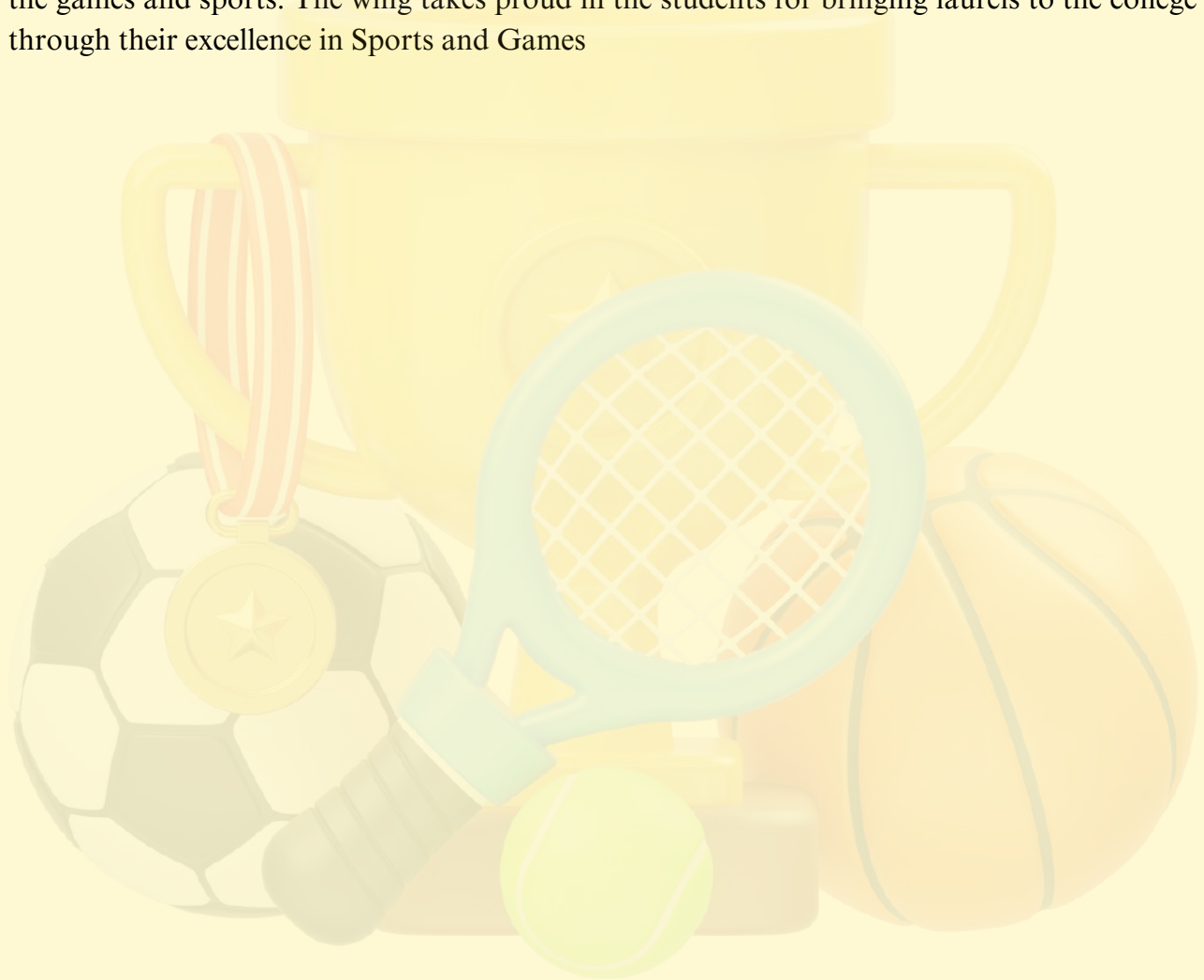
Training and Placement cell

As part of our esteemed institution's Ruby Jubilee celebrations, we take immense pride in showcasing the pivotal role of the Training and Placement (T&P) Cell in fostering a culture of excellence and enabling our students to achieve their career aspirations.

Objectives:

The T&P Cell aims to bridge the gap between academic learning and industry requirements by equipping students with the skills and knowledge essential for professional success. The primary objectives include:

- Liaisoning with industries and inviting prospective employers for campus recruitment
- Disseminating information among the students and alumni about the job and internship opportunities.
- Keeping in touch with alumni and utilizing their services for the betterment of students and the college
- Facilitating industry-institute interaction to enhance employability
- Arranging guest lecturers / seminars for the students that help them improve their lateral skills and also to create awareness on higher education in India and abroad.
- Organizing corporate recruitment-related training programs to all the students of the college.
- Fostering industry-institute interaction.

Infrastructure:

The cell has been provided with an exclusive building with all the facilities that are required for recruiters as well as trainers. The Training and Placement (T&P) Cell is a well-equipped, modern facility on the campus, offering excellent resources including:

- **Training Halls:** Fully equipped with modern audio-visual aids for conducting pre-placement talks and workshops.
- **Interview Panels:** Well-furnished interview panels and GD Rooms ensuring a professional environment for interviews.
- **Computer Labs:** High-speed internet-enabled labs for online assessments and skill development sessions.
- **Board Room:** Spaces for discussions and collaborations with recruiters and industry experts.

Prominent Recruiters:

Over the years, the T&P Cell has successfully attracted leading organizations across various sectors. Some of our prominent recruiters include:

- Tata Consultancy Services, Infosys, IBM, ADP, Accenture, Oracle, Robert Bosch, GE, Sonata Software, Tech Mahinda, HCL, Mphasis, Capgemini, Cognizant, CSC, Convergys, Redpine Signals, Sasken, Ford Technology Services, GGK Technologies, CMC, Accolite Digital, Stellantis, Zelis, Riktam Technologies, LTI Mindtree, AssetSense, EPAM, ValueLabs, Hexaware Technologies, PalTech, Infor.

- Hyundai Motors, L&T, Infotech Enterprises (Cyient), Cummins, Medha Servo Drives, Schneider Electric, Everest Industries, Apollo Tyres, Asia Motor Works Ltd., Nomus Comm-Systems, Toshiba, SRAAC Ltd., ETA Engineering, Jindal Steel Power Ltd., Moldtech, BE Aerospace, Efftronics, Cadsys (India) Limited, United Breweries, Mahindra & Mahindra.

- BSCPL Infra, Soma Enterprises, Nagarjuna Construction Company, IVRCL, KMC Constructions, Megha Engineering & Infrastructure Ltd. Jaypee Group, Fortuna Constructions, Shoba Developers, Sujala Infrastructure Pvt. Ltd., NCC Limited, JSW, NCL Industries.

Student Services:

The T&P Cell's comprehensive services ensure holistic development and career readiness:

ITCA (Intensive Training for Career Advancement) Program:

Campus Recruitment training program, focusing on verbal ability, quantitative aptitude, logical reasoning, programming, group discussions, and interview skills.

Career Counselling and Guidance:

- Personalized mentoring for higher studies and career pathways.
- Guidance for competitive exams and government job preparations.

Skill Development Programs:

- Certification courses in emerging technologies like AI, ML, IoT, and Data Analytics through the Infosys Springboard platform.
- Soft skills training for students to improve communication, teamwork, and leadership skills.

Hackathons and Competitions:

- Frequent alumni sessions to inspire students and share industry insights, along with scholarships and awards sponsored by alumni to reward academic excellence and innovation.

Internship Opportunities:

- Facilitating internships to provide hands-on experience and exposure to industry practices.

The Training and Placement Cell has consistently achieved outstanding placement records, empowering students to excel in their careers. As we celebrate 40 years of excellence, it remains dedicated to shaping students' future and enhancing our institution's legacy.

The Alumni Association of GPREC

Celebrating 40 Years of Excellence and Connection

As G. Pulla Reddy Engineering College (GPREC) proudly celebrates its 40th anniversary with Ruby Jubilee festivities, we reflect on four decades of academic excellence and the enduring impact of our alumni. Over the years, GPREC alumni have distinguished themselves as leaders, innovators, and change-makers across the globe, excelling as technocrats, entrepreneurs, academicians, administrators, scientists, and scholars.

The celebrations are even more special as the Alumni Association has made a remarkable contribution of ₹1.25 crore in our journey so far to support the college's development. This gesture is a testament to the strong bond between alumni and their alma mater, a relationship rooted in gratitude and shared aspirations.

The Alumni Association has always been integral to GPREC's growth, serving as a bridge between past achievements and future aspirations. Our alumni embody the spirit of the college's rich heritage while inspiring new generations to strive for excellence. Through its exclusive portal (http://alumni.gprec.ac.in/), the association fosters meaningful connections between alumni, students, and faculty, creating a vibrant community of shared knowledge and support.

Regular alumni meets and silver jubilee alumni reunions continue to strengthen these ties, with events held not only on campus but also in major cities like Hyderabad and Bangalore, Chennai as well as international locations like the United States. Notable gatherings in the USA included the 2012 meet with over 300 attendees and the 2014, 2019, 2023 meet in Texas, Chicago and in New Jersey organized by the GPREC Alumni Association of North America.

As part of the Ruby Jubilee celebrations, GPREC takes this opportunity to honor its alumni for their invaluable contributions—not just financially, but also through mentoring students, delivering guest lectures, offering internships, and driving academic excellence. Their support has been instrumental in instituting scholarships for meritorious and needy students, advancing research opportunities, and enhancing the overall educational experience.

The Management, Director, Principal, Faculty, and Students of GPREC extend heartfelt gratitude to all alumni for their unwavering commitment and generosity. Together, we celebrate 40 years of excellence, unity, and shared success, looking forward to a future of even greater achievements.

Gold Medalists of 2023 - 2024 Batch
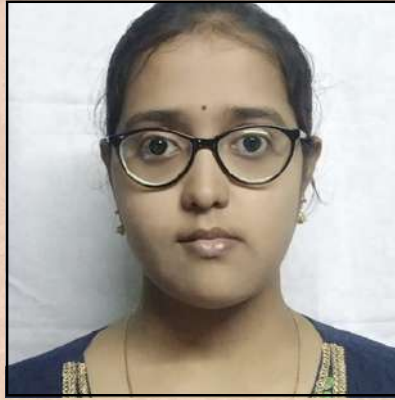
Setty Surekha
College Topper,
Girls Topper,
CSE Topper

Rangapuram Madhuri
CE Topper

Somisetty Alekhya
CST Topper

Ajjugal Sri Sai Bhargavi
ECE Topper

Kuruva Anil Kumar
ME Topper

Madduri Venkat Tharun
CSB Topper

Mone Sreelekha
EEE Topper

Students with less than 2000 EAMCET Rank

I. V. Nagarjun Reddy
EAMCET 2017 - Rank 1544

A. Meghana
EAMCET 2018 - Rank 799

K. Faiza Shifa
EAMCET 2020 - Rank 1260

K. Srikala
EAMCET 2020 - Rank 1770

V. Srija
EAPCET 2021 - Rank 1951

N. A. L. Nagendradhanush
EAPCET 2021 - Rank 1824

P. Sowmika Helsiba
EAMCET 2024 - Rank 1053

Alumni Meet

Silver jubilee Reunion of 1994-98 Batch at GPREC Campus on
23rd Dec 2023

North America GPREC Alumni Meet at New Jersey
on 17th Jun 2023.

Ruby Jubilee: Technical Events

Ruby Jubilee: Technical Events

Ruby Jubilee: Technical Events

Ruby Jubilee: Technical Events

Institute of Electrical and Electronics Engineers (IEEE)

IEEE GPREC SB was started from 2014 onwards. Since then, it has been conducting many events to nurture the student skills professionally and creatively.

Our motto "IEEE GPREC SB would be a promising platform to enhance an engineering student career to grow accordingly with this rapidly evolving technology-based world with the help of faculty advisors, professional members and industry experts".

It indeed provides better resources to acquire new skills for the better advancement in student's career. At present IEEE student branch has 45 professional members in which 7 are senior members and 128 student members.

The various student branch chapters under this IEEE student branch are as follows.

1. IEEE Power and Energy Society Student branch Chapter (PES SBC)
2. IEEE Power Electronics Society Student branch Chapter (PELS SBC)
3. IEEE Industrial Applications Society Student branch Chapter (IAS SBC)
4. IEEE Computer Society Student branch Chapter (CSSBC)
5. IEEE Communication Society Student branch Chapter (COMSOC SBC)
6. IEEE Microwave Theory & Techniques Student branch Chapter (MTTS SBC)
7. IEEE Information Theory Society Student branch Chapter (ITSOC SBC)
8. IEEE Robotics and Automation Society Student branch Chapter (RAS SBC)
9. IEEE Computational Intelligence Society Student branch Chapter (CISSBC)
10. Women in Engineering Affinity Group
11. Sensors Council

SOME OF THE ACHIEVEMENTS:

- IEEE GPREC PELS SBC received 2024 PELS Best Small Student Branch Chapter Award of $500.
- IEEE PES Chapter received 150 US $ fund for continuation of its activities.
- GPREC IEEE SB received Vibrant Pilot Award for the year 2024 as a part of IEEE YESIST 12, 2024 conducted from 7th – 8th September 2024 held at Tunis Science City, Tunisia.
- GPREC IEEE SB received Certificate of Appreciation for conducting UMANG 2K24 on September 14th 2024 from IEEE Hyderabad Section

As a part of ruby jubilee celebrations, the following activities are conducted :

1. A Two-Day Women Congress on "Swasakthi – Spark Your Spirit, Shine with Strength!" was organized by IEEE GPREC SB, WIE AG & Women's Cell on 6th - 7th December 2024. The event was attended by faculty members and M.Tech students, with a total of 60 participants.

2. A One-Day Hands-on Workshop on "Machine Learning with MATLAB" was conducted by IEEE Sensors Council and PELS SBC on 2nd November 2024. The event was attended by I, II, III, and IV B.Tech students, with 86 participants.

3. A Two-Week Training on "Design Challenges in Microstrip Patch Antennas for Next Generation 5G/6G Wireless Communications" was organized by IEEE MTT SBC from 28th October 2024 to 9th November 2024, with 36 participants.

4. A Technical Talk on "Semi-Supervised Approach" by Ms. Anisha Chakravorty from IIITDM was organized by IEEE GPREC Sensors Council & CIS SBC on 5th October 2024. The event was attended by II B.Tech ECS students, with 65 participants.

5. The Ananthapur Zonal Congress UMANG'24 on "Technological Advancements and Its Impact on Humanity" was organized by IEEE GPREC SB & PELS SBC on 14th September 2024. It was attended by I, II, III, and IV B.Tech students, with a total of 295 participants.

6. A Guest Lecture on Emerging Technologies by Vinnakota Saran Chaitanya, an NIT Research Scholar, was organized by IEEE CIS & CS SBC on 30th August 2024. The event had 33 participants, including II B.Tech ECS students.

7. A Five-Day Tech Fest named VIDYUTH UTSAV was organized by IEEE PELS, PES & IAS Student Chapters from 19th – 23rd August 2024. It was attended by II, III, and IV B.Tech EEE students, with 75 participants.

8. A Five-Day National Level Online Faculty Development Program (FDP) on "The Future of Computing: Emerging Technologies and Trends" was organized by IEEE CIS SBC from 8th – 12th July 2024. The event had 250 faculty participants.

Indian Society for Technical Education (ISTE)

ISTE Indian Society for Technical Education functions with the motto of exposing students to realities and challenges of engineering profession to make them perform better in their career. ISTE Student Chapter of our college was first introduced in the year 1998. It was inaugurated by Dr. Saraswathi Rao garu, the Vice Chancellor of S. K. University, Ananthapur.

Objectives:

- Advance Engineering & Science – Promote knowledge, research, and applications in engineering.

- Encourage Practical Applications – Foster real-world implementation of engineering principles.

- Facilitate Knowledge Exchange – Enable sharing of ideas and research among members.

- Support Professional Growth – Promote continuous learning and skill development.

- Foster Collaboration – Strengthen ties between academia, industry, and researchers.

Effectiveness and Benefits:

The essence of this forum is to achieve extraordinary results from ordinary people through continuous training. It exposes students to various arguments, enabling them to develop counterarguments. It provides opportunities to discuss diverse topics and express their views confidently and effectively. Additionally, it arranges guest lectures by eminent personalities.

With this motto, ISTE Student Chapter conducts competitions in various events like Quantitative Aptitude, General Quiz, Debates, Memory Retention test, Junkyard Management, Zero Error, Floor Crossing,Extempore, Sudoko War, Rubik,s Cube, Essay Writing Competition on Technical Theme, Conducting technical classes and many more.
As a major function of the forum, a two day National level technical fest, JIGNASA will be organized for every year.

The following are the members of the advisory committee of ISTE Students Chapter:

Principal and Chairman   : Dr. B. Sreenivasa Reddy
Faculty Advisor   : Dr. P. Abdul Khayum, Professor, ECE Dept.

Institute of Engineers (India)

INTRODUCTION:

The IEI (India) Students' Chapter serves as a platform for students in engineering institutions to engage in technical activities, professional development, and networking. It provides an opportunity for students to interact with professionals, participate in technical events, and gain insights into the engineering industry. The Institution of Engineers (India) [IEI] is the largest multi-disciplinary professional bodies of engineers, established in 1920 with its Headquarters located in Kolkata and incorporated under Royal Charter on 9th September, 1935 by the then his Majesty of King George V. The Royal Charter endowed the Institution with the responsibility to promote the general advancement of engineering amongst its members and persons attached to the Institution. After Independence, the Institution is a "Body Corporate" protected under Article 372 of the Constitution of India. The Institution of Engineers (India) is administered by a National Council with the President as its Head

The Kurnool G. Pulla Reddy Engineering College – Institution of Engineers (India) Students Chapter has been instituted in the campus in the academic year 2005-06. The aims for which the IEI constituted, is to promote the general advancement of Engineering and Engineering Science and their applications and to facilitate the exchange of information and ideas on those subjects, amongst the members and the persons attached to the Institution

VISION:

The primar purpose of this chapter is to make effervescent Computer science Engineers who can use their theoretical knowledge as well as the practical knowledge to enhance their skill set.

MISSION:

- To work towards motivating students to participate in activities.
- To organize technical awareness programs for students.
- To facilitate dissemination and exchange of information and ideas among the student committee members.

OBJECTIVES:

- To promote technical knowledge and skill development among engineering students.
- To organize technical events such as workshops, seminars, conferences and guest lectures.
- To foster professional relationships with industry experts, academicians and fellow students.
- To encourage innovation and research through projects, competitions and student initiatives.
- To provide a platform for students to contribute to the engineering community.

ACTIVITIES:

The activities organized by the IEI Students' Chapter aim to enhance both technical knowledge and soft skills. Some of the key activities include:

- Workshops and Seminars: Organize workshops on emerging technologies, software tools, and industry practices.
- Guest Lectures and Webinars: Invite industry experts, academicians, and professionals for knowledge-sharing sessions.
- Conferences and Competitions: Host conferences and technical competitions like coding challenges, engineering design contests, etc.
- Research Projects: Encourage students to engage in innovative projects and research in their respective fields.
- Networking Events: Facilitate networking events where students can interact with professionals from industry and academia.

Computer Society of India

CSI, Computer society of India is the first and largest body of computer professionals in India. It was started on 6 March 1965 by a few computer professionals and has now grown to be the national body representing computer professionals.

The Computer Society of India is a non-profit professional meet to exchange views, information, learn and share ideas. The main objective of CSI is to provide a platform for students to enhance their skills through different innovative events related to computer science and technology. The Society also encourages and assists the students to maintain integrity and competence and fosters a sense of partnership amongst members.

G Pulla Reddy Engineering College has started CSI Student Branch in the year 2004. For this Dr.K Ishthaq Ahamed, Associate Professor in CSE nominated as the student branch coordinator. In the beginning of the every academic year a committee is formed with the student and faculty advisor for conducting weekly activities during the entire year. At the end of each academic year certificates will be distributed to the winners in the various activities. In addition to this, the CSE department will organize a national level technical symposium Aavishkar once in three year under CSI student branch

Women's Cell

The Women's Cell at GPREC was established on 6th January 2007, in accordance with the Supreme Court of India's directives, to ensure a safe and secure environment for women in the institution. All female faculty, staff, and students are members of the Women's Cell.

Vision:

To create a conducive atmosphere for women to realize their potential and pursue their natural interests.

Mission:

- To provide a safe working/studying environment for women and girls.
- To foster a gender-sensitive community with equal opportunities for men and women.
- To instill confidence in women to carve a niche for themselves.

Activities of Women cell:

- Organizing Gender Sensitization lectures and workshops.
- Conducting competitions on gender themes to engage students.
- Hosting lectures and workshops by eminent personalities.
- Instituting awards for female students.
- Celebrating International Women's Day annually.
- Inviting student articles for the newsletter.
- Interacting with girl students in small group sessions once per semester

Major Activities:

National Women's Parliament (2017): Four girl students represented GPREC at the event organized by the Government of Andhra Pradesh. Harika was selected as a speaker for the seminar Women Status & Decision Making.

MISSION SAHASI (2018): A self-defense program in association with ABVP, held at Outdoor Stadium, Kurnool, where girl students demonstrated self-defense techniques.
TRISHUL Workshop (2020): A one-day workshop titled Inspire, Empower and Achieve for girl students of GPREC.
Sthree Shakthi Diwas: Annual celebration of Jhansi Jayanthi to honor women's strength.
Swashakthi Congress (2024): A two-day event (6th & 7th December) as part of the college's Ruby Jubilee Celebrations, aimed at empowering women to address societal challenges and achieve sustainable personal and professional growth.

Students who represented for JNTUA, Ananthapuramu 2024-2025

Students who represented for JNTUA Basketball Women Team

UDAAN 2025

UDAAN 2025

UDAAN 2025

National Service Scheme

Kurnool,Andhra Pradesh,India
Kurnool Chittoor Road, Rayalaseema University,
Kurnool, 518007, Andhra Pradesh, India
Lat 15.775586, Long 78.058117
11/12/2024 10:22 AM GMT+05:30
Note : Captured by GPS Map Camera

Blood Donation Camp

Vivekananda Study Circle

Ganesh Clay Idol Competition

Winter Clothes Distribution

ENGLISH CLUB

Training and Placement Club

Unboxing the New Reality

Y. Chakradhar Reddy, I CSE
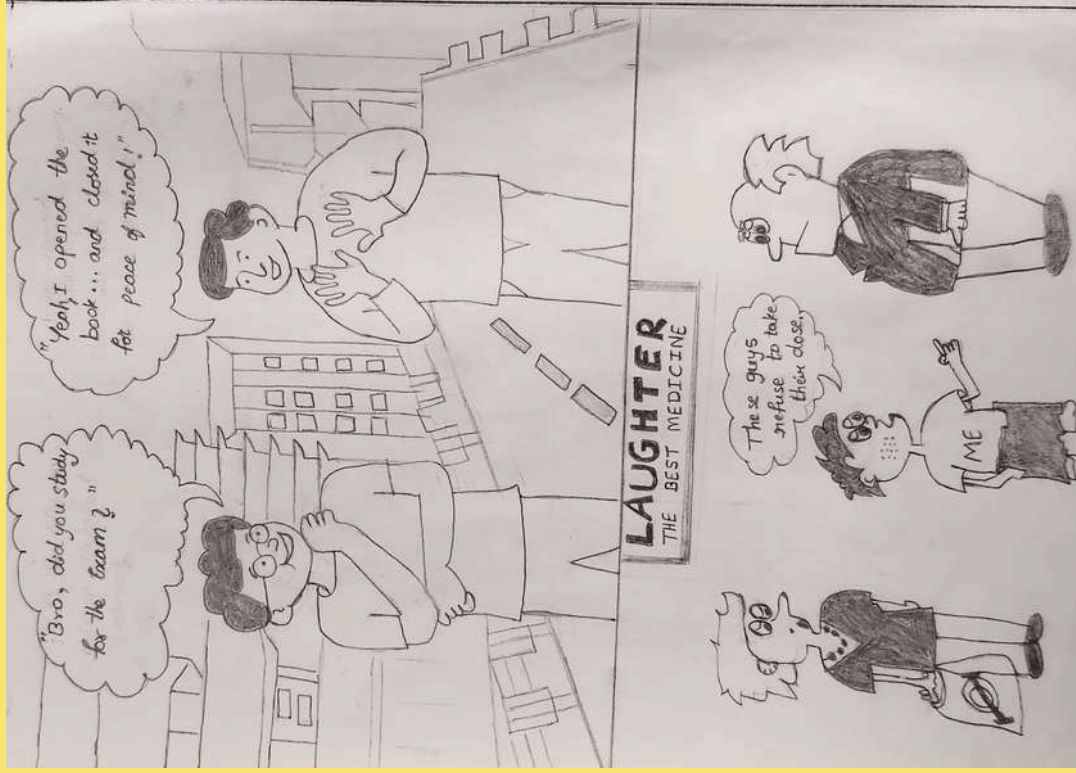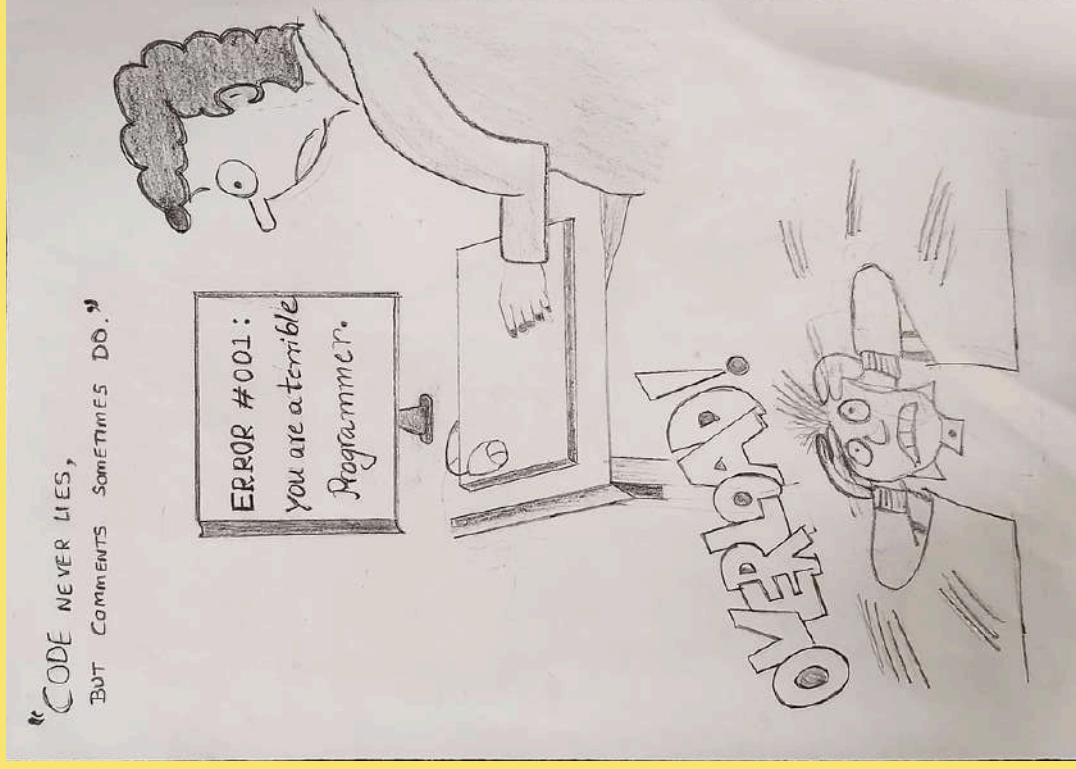
V. Puneeth Chakravarthy, I CSE

Bhuvanavijayam

BHUVANAVIJAYAM is the literary and cultural forum of the college, established in February 1994 and inaugurated by the famous poet Sri Gadiyaram Ramakrishna Sarma Garu.

The forum is named after Bhuvanavijayam, renowned cultural and literary assembly of the great ruler of Vijayanagara Empire, Sri Krishnadevaraya, which flourished with the eight legendary poets, known as Ashtadiggajas, and other great scholars, contributing significantly to Telugu literature.

Main objectives of the forum are:

- To tap the latent and innovative talents in students and provide them a platform to showcase their talents in cultural, literary and artistic activities
- To foster creativity, self-expression, and appreciation of diverse with cultures and enhance critical thinking, communication skills, and confidence through discussions and performances
- To conduct guest lectures by eminent persons in fine arts, providing students with valuable insights, inspiration, and exposure to professional techniques, trends, and real-world experiences in the field

Since its establishment, Bhuvanavijayam has conducted various events and competitions namely Voice of Kurnool, Kalanjali, Visishta, Youth festivals, in which large number students from several engineering colleges had participated and showcased their talents in numerous literary and cultural events.

With the support of Bhvanavijayam, students of G. Pulla Reddy Engineering College had participated in several literary and cultural competitions held in district, state and national levels and won many prizes.

As a special mention, Bhuvanavijayam organized cultural events every day, during "Thungabhadra Pushkaralu" held in Kurnool.

In many major events of the college like Vimshathi (Bidecennial celebrations), Silver Jubilee celebrations and Thrimshathi (Pearl Jubilee celebrations), Bhuvanavijayam played an active role and contributed for the grand success of the events.

Bhuvanavijayam received acclamation and appreciation from NBA committee of AICTE and NAAC committee of UGC and Autonomy committee, during visits.

Bhuvanavijayam has served 30 years of excellence and it will continue its journey, thriving for overall personality development of students, enriching the college environment by making education more holistic, engaging, and culturally vibrant.

Vivekananda Study Circle

The primary objectives of VSC include: Creating awareness about societal issues and responsibilities. Encourage students to serve the community through various outreach programs. Instilling patriotism and reinforcing the values of Indian culture and heritage. Developing strong character and leadership qualities to face future challenges.

Over the years, VSC has actively engaged in numerous activities such as blood donation camps, relief efforts during natural calamities, health camps, literacy drives, and collection and distribution of essential supplies to the underprivileged. A notable contribution of VSC was its commendable service during the 2009 Kurnool floods, where the group played a crucial role in relief operations.

As part of its extra-curricular initiatives, VSC collaborates with NSS to conduct motivational lectures, personality development programs, and leadership training sessions. These efforts aim to nurture well-rounded individuals who contribute meaningfully to society.

As part of the Ruby Jubilee celebrations, the Vivekananda Study Circle (VSC) proudly reflects on its remarkable journey of fostering social responsibility and personal development among students at G. Pulla Reddy Engineering College. Established with the vision of instilling values inspired by Swami Vivekananda, VSC has been instrumental in shaping students into responsible citizens and compassionate leaders.

In celebration of 40 years of excellence, VSC reaffirms its commitment to continue its mission of service, unity, and national integrity, ensuring that students are well-equipped to uphold the values of selfless service and personal excellence.

Centre for Awarness and Discussion (CAD)

The Centre for Awareness and Discussions (CAD) Forum of the college was established in 1992. Since 1992 the forum has been conducting various activities to enlighten the students in carving their lives to have a bright future. In this competitive world, in order to reach zenith, the academic and technical skills are not sufficient.

One must need some extra talent and skills that provide an edge over others. Also there is a phrase that "Out of every l000 successful persons, only one is GOD gifted and inherent and remaining 999 modelled their lives into successful ones". For this reason there is a need for a platform to test and implement hidden skills and talents. And

this forum is here to give a helping hand and boost the confidence in students and assist them in shaping their careers. Students from I, II, IlI, IV year B.Tech of all branches are the members of this forum.

Objectives:

- Creating awareness among students about the current topics of importance and relevance
- Exposing them to various arguments, so that they can put up counter arguments
- Providing opportunities to discuss various topics and express their views confidently and effectively
- Arranging lectures by eminent persons
- Other activities include group tasks, quiz, memory recitation, puzzles etc., which intend to expose the students to the latest techniques adopted in various selection processes

The forum conducts various activities like Technical quiz, Group Discussion, Debate, Essay writing, elocution, FESTIVESTORM etc. every year. As part of GPREC's Ruby Jubilee celebrations, the FESTIVESTORM-2K24 was conducted from 11-11-2024 to 16-11-2024. Events included Mind Marathon, Incident insights, Battle of wits, Press Play, GPREC Talents and Technical treasure hunt. The fest's motto is to encourage students to explore their talents and skills.

National Service Scheme (NSS)

MOTTO : **"NOT ME BUT YOU"**

Benefits of being a NSS Volunteer:

Being an active member, student volunteers would have the exposure and experience to be the following:

- an accomplished social leader
- an efficient administrator
- a person who understands human nature

Major Activities :

- National Integration Camp (NIC)
- National Youth Festivals (12th to 16th January every year)

NSS @ GPREC :

In our college, NSS unit was established in **2013.** Since then, the unit conducted various Regular activities like Plantation, Awareness programs on Literacy, Health issues, Blood donation camps, Celebration of important days related to National leaders, National spirit and Special camps at **Pasupula, Dinnedevarapadu and Nootanapalle.**

Our students have also participated in various District, University and State level Youth camps, competitions and secured prizes.

ACHIEVEMENTS:

- N. Rahul (169X1A04C8), II B. Tech (ECE) was the winner of "Solo Song" in University Level NSS Youth Festival – 2018 held at JNTUA, Anantapuramu.

- B. Sai Kiran Naik, IV B.Tech (CE) participated in National Integration Camp – 2023, held at Narsapur, from 03.03.2023 to 09.03.2023

Yoga and Meditation

Yoga and meditation, which developed in India, is an ancient tradition of bringing together the physical, emotional, mental and spiritual aspects of our being. The goal of yoga is to recognize our true nature and the inherent wisdom. The word yoga is derived from the Sanskrit verbal root "yuj" which means "to yoke". It has a wide array of meanings which range from "union" to "spiritual endeavour". Essentially, yoga means union; union within yourself, union with the divine spirit within and harmony between you and all that is within your world. The practice of yoga involves stretching the body and forming different poses, while keeping breathing slow and controlled. The body becomes relaxed and energized at the same time. There are various styles of yoga, some moving through the poses more quickly, almost like an aerobic workout and other styles relaxing deeply into each pose. Some have a more spiritual angle, while others are used purely as a form of exercise.

The practice of yoga, while deeply spiritual, need not be affiliated with any one religion. Around the world, yoga is practiced and embraced by people of different faiths as a profound tool for wellness and enhancement of spiritual practice. The elements of authentic yoga include asana, pranayama, mudra, mantra, meditation and service to mankind. Yogic practices enhance muscular strength and body flexibility, promote and improve respiratory and cardiovascular function, promote recovery from and treatment of addiction, reduce stress, anxiety, depression and chronic pain, improve sleep patterns and enhance overall well-being and quality of life.

Yoga Sessions:

Every year during orientation program yoga and meditation session are being carried in the college premises with the help of patanjali yoga samithi, Kurnool for first year students.

Every week yoga and meditation classes is being conducted as per curriculum to first year students with help of college faculty, who are expert in yoga and also with help of outside yoga masters.

Guest lectures are also being arranged in the college for the students with prominent yoga gurus in India.

Extension Activities

The Extension Activities forum in G.Pulla Reddy Engineering College established in the year 2010 with aim to promote holistic development of students by exposing them to real-world challenges and societal issues. Extension Activity forum has taken an initiative in conducting the awareness programs at rural schools. The vision is the impetus for the students to indulge in the social and digital technology awareness activities and strive for improving communication skills for rural students.

The functions of the forum are:

- Providing training sessions for unprivileged communities on basic computer literacy and other technical areas.
- Organizing workshops and seminars to educate community on various social issues.
- Collaborating with local authorities to identify and address the pressing needs of the community.
- Encouraging students to respect diversity and work towards inclusive development.

Extension Activities forum has planned and organized a continuous outreach program to school students of Vignana Peetam High School, as most of the students are from rural background with financial problems and orphans. Enthusiastic and generous students from G.Pulla Reddy Engineering College are selected as tutors to teach subjects like Computers, Mathematics,English, Science to the schoolstudents after their college hours. Various awareness and outreach programs on technical as well as social issues were conducted in rural schools and polytechnic colleges.

Training and Placement Club

The Training and Placement (T&P) Club of the college was established in 2010-11 by students Vamsi (ME), Yeswanth (ECE), and Anudeep (IT) under the guidance of Dr. B. Veerabhadra Reddy, the Training & Placement Officer. It focuses on Placements, Internships, Higher Education opportunities, Skill Development, and Alumni Relations, fostering collaboration among students and alumni.

Objectives:

- Assist the Training & Placement Cell in organizing events.

- Create awareness about placement processes.

- Develop teamwork, managerial, and leadership skills.

- Facilitate student-alumni connections.

- Provide career, higher education, and internship guidance.

Working Groups:

For efficient functioning, the club operates through dedicated groups:

- Alumni Affairs

- Skill Development

- Higher Education

- Internships

- Placements

Brain Wreck Fest:

The club organizes Brain Wreck, an annual intra-college fest exclusively for freshers, held since 2011. It offers activities to uncover students' talents and bridge gaps between seniors and juniors.

As part of GPREC's Ruby Jubilee celebrations, the 13th Brain Wreck 2K24 was conducted from 18-03-2024 to 01-04-2024 in three phases. Events included Scribblescape, Cogniquest, Intellectra, Globerush, Fun Carnival, and Hidden Talent Exhibition. The fest's motto, Let your spirit soar, encourages students to explore their talents and interests in a fun, welcoming environment.

Center for Innovation and Entrepreneurship (CIE)

Center for Innovation and Entrepreneurship (CIE) is a body of GPREC whose objective is to motivate students and faculty to take up innovation and Entrepreneurship as their career. CIE educates them in related aspects through awareness, development and training programs. It extends handholding support in generating innovative ideas, converting these ideas into startups, and scaling up of the businesses

G Pulla Reddy Engineering College has started Center for Innovation and Entrepreneurship (CIE) in the year 2019. Under this, activities related to Innovation and Entrepreneurship such as the Expert Talks related to Startups, Innovation etc., are organized throughout the academic year. CIE will conduct Smart India Hackathon (Internal) Hackathon every year In addition to this, the CIE will organize a national level Idea and Prototype contest (Kreative) once in year . CIE provides the Summer Internships for the students in association with the Start-ups that were incubated in GPREC-Innovation and Incubation center

As part of ruby jubilee celebrations of GPREC, XR Fusion Hackathon is conducted from 1st - 4th April 2024 , Smart India Hackathon-2024 (Internal) is being held on 5th September 2024 Kreative 2K24 (National Level Innovative Idea and Prototype contest) on 24 th October 2024 ,Innov8 (Week long Idea Presentation contest) held from 20 th -25 th January 2025

Achievements of CIE

- The college has achieved 3.5 Stars rating for the innovation activities by Institute Innovation council AICTE, New Delhi for the year 2021-22 ,2022-23 and 2023-24
- GPREC Students are the winners at Smart India Hackthan-2022 contest at the National level and bagged a cash prize of Rs 1,00,000 held at Dr D.V Patil Institute of Technology, Pune
- The college has obtained Band Performer status in All India Ranking of Institutions on Innovation Achievements (ARIIA-2021) announced by Ministry of Education (MoE) AICTE ,New Delhi
- The college has obtained 150-300 band in NIRF Innovation Rankings (NIRF 2023) announced by Ministry of Education (MoE) AICTE ,New Delhi
- Two teams from GPREC have been nominated for Global NASA space Apps Challenge Hackathon

English Club

@gprec_english_club

Established in 2016, the **English Club** at GPREC is a **student-driven initiative** aimed at enhancing spoken English skills in a stress-free environment while fostering a love for literature. Led by senior students to encourage uninhibited participation, the club operates under the mentorship of **Convener Sri Y. Venkata Siva Kumar**, with guidance and support from the **English faculty.**

Objectives:

- Provide a dynamic platform for students to practice spoken English through interactive activities.
- Foster a comfortable and enjoyable space for confident communication.
- Create an **English-rich environment** on campus through immersive activities.
- Enhance overall **English proficiency** for academic and professional growth.

Activities:

- Organizing **literary competitions** (extempore, elocution, debate, JAM, scrabble, essay writing, poster presentations) with prizes for winners.
- Hosting **motivational talks** by alumni on the role of English in career success.
- Conducting **film/video screenings** and **language games** to make learning fun and interactive.
- Forming **English-speaking groups** for daily practice in academic and social settings.
- Managing a **mini library** with books on personality development, novels, autobiographies, biographies, and magazines to enrich vocabulary and foster imagination.

Flagship Events:

- **Rhetoric: A three-round inter-college event** celebrating expression and intellectual exchange through panel discussions and performances.
- **Festivista: An intra-college festival** promoting collaboration and creativity through panel discussions, performances, workshops, and exhibitions that showcase diverse talents and inspire learning.

As part of the **Ruby Jubilee Celebrations**, the club organized:

- **Festivista 2K24** with the theme "Harmony of Talents: Where Every Beat Resonates"
- **Rhetoric 2K24** with the theme "The Power of Words: Shaping Society and Culture"
- **Elocution** on "Culture of Integrity for Nation's Prosperity."
- **Essay Writing** on "Drug Abuse" and "Human Trafficking."
- **Creative Writing** competition.

Nexus Magazine

Nexus Magazine: A Chronicle of Creativity and Innovation

Nexus, founded in 2022 by our Faculty in-charge, Sri Y. Venkata Siva Kumar, Asst. Professor of English, is a vibrant forum for creativity, intellect, and expression. Nexus has published three editions in three years and will release its fourth. Our students' excitement, creativity, and different perspectives make each edition a newspaper that belongs to G. Pulla Reddy Engineering College students.

Vision

Nexus wants to inspire innovation, knowledge-sharing, and our institution's intellectual and cultural character with each edition.

Mission

Our goal is to create a vibrant journal that promotes creativity, innovates, and empowers students by showcasing their ideas and accomplishments.

Objectives

- Allow kids to express themselves through writing, painting, and photography. Write informative articles, interviews, and research to spark intellectual debate.
- Record and commemorate college accomplishments.
- Encourage student participation, critical thinking, and narrative.

Conclusion

Our students' originality, talent, and dedication are shown in Nexus magazine. More than a publication, it promotes intellectual advancement, artistic expression, and collaboration. Nexus will continue to inspire, document, and set an example for future students. Nexus will live on in our college's legacy thanks to our contributors and readers.
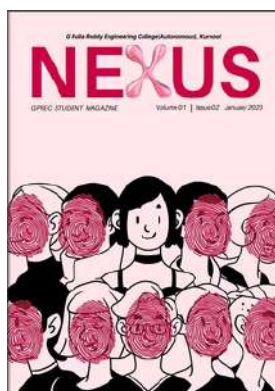
| August 2022 | January 2023 | January 2024 |
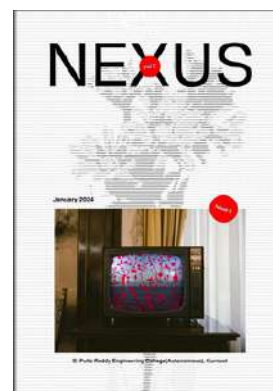
TEDx GPREC

TED stands for Technology, Entertainment, and Design. It is a non-profitable organization that spreads ideas through powerful talks. TEDxGPREC is an independently organized TED event, which aims to bring to its stage, the ideas that can change everything from across India. TEDxGPREC talks encapsulate ideas around a theme exposing concepts, ideas, and achievements that will motivate, inspire, and introduce transformative topics to the audience.

Objectives:

1. **Empowering Ideas:** TEDx events provide a platform to share transformative ideas that have the potential to change perspectives and inspire action
2. **Driving Innovation:** By fostering curiosity and creative thinking, TEDx events encourage groundbreaking solutions that can reshape industries and societies.
3. **Building Connections:** TEDx events bring together diverse minds, creating a collaborative space for learning, networking, and interdisciplinary growth.
4. **Inspiring Change:** With a focus on impactful discussions, TEDx talks ignite conversations that drive meaningful change in communities and beyond.

TEDx GPREC 2023:

TEDxGPREC got its license in the year 2022.The first edition was organized on 15th April 2023 with the theme **"Unboxing the New Reality".**
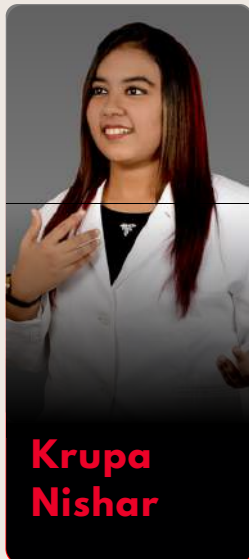
SPEAKERS:
Five speakers from various fields were invited to share their ideas
- **Roshan Vadassery** - founder of Permissionless.
- **Medha Priya** - an architect & climate warrior who is fighting climate change by Green and sustainable buildings.
- **Krupa Nishar** - Assistant Professor (Forensic Psychology) at the School of Forensic Psychology, National Forensic Sciences University.
- **Deepak Reddy** – a Guinness book record holder Oscar-qualifieded filmmaker,writer and Producer.
- **Akanksha Kommirelly** – Influencer and a super innovative make-up artist known for her awesome tutorials and transformations
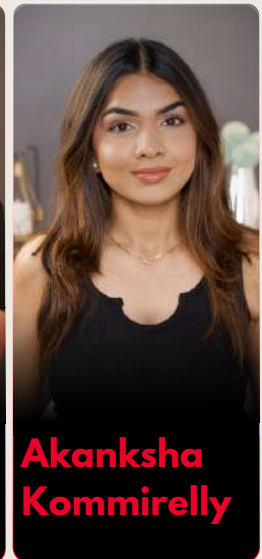
Deepak Reddy **Krupa Nishar** **Roshan Vadassery** **Medha Priya** **Akanksha Kommirelly**

TEDx GPREC 2024:

As part of GPREC's Ruby Jubilee celebrations, the second edition of TEDxGPREC was organized on 18th May 2024 with the theme **"Dear Tomorrow"**

Five speakers from various fields were invited to give a TEDx talk.

- **Drishti Sharma** - An exceptional content creator, storyteller, and passionate book reader.
- **Arpit Arora** - Founder of Ask The Wise Guy, a reputed business and personal finance coach in India.
- **Sahithi Mannar -** A remarkable mental health psychologist, activist, and survivor of child sexual abuse.
- **Punarnavi Bhupalam** - An accomplished Telugu actress whose academic background includes Psychology and Journalism.
- **AJ Bhairav** - A multi-talented creator who has gained popularity on Instagram for his ability to blend inspiration and comedy.

Drishti Sharma **Arpit Arora** **Sahithi Mannar** **Punarnavi Bhupalam** **A J Bhairav**

Coders' Club

Code powers our digital world. Coding is an incredible skill that engages creative and problem solving skills of students. In today's world it is increasingly influenced by software and hence colleges need to produce graduates with outstanding problem solving and coding abilities. Coders' Club at GPREC strives to meet this objective.

This club was started in the year 2015, under the initiative and guidance of Training and Placement Officer, as a wing of Training and Placement club, which has been run by the student coordinators. It was later taken over and nurtured by Mr. Imtiaz Ahmed, Faculty of CSE (also Alumnus of GPREC). Currently, Dr. A. Vishnuvardan Reddy, Faculty of ECS is guiding this club.

The main objectives of this club are to empower our students to:

- Solve problems using Math, Data structures & Algorithms
- Write correct, efficient and elegant code.
- Crack the coding interviews at product and service based companies, compete with students from other top institutes.
- Clear all the rounds in programming contests like TCS CodeVita, HackwithInfy, InfyTQ, Wipro Talent Next, etc.
- Participate in various Hackathons like Smart India Hackathon.

As part of Ruby Jubilee celebration, we conducted two major events like Codex2.0 on 24th August 2024 and Generative AI Bootcamp from 16th October to 18th October 2024.
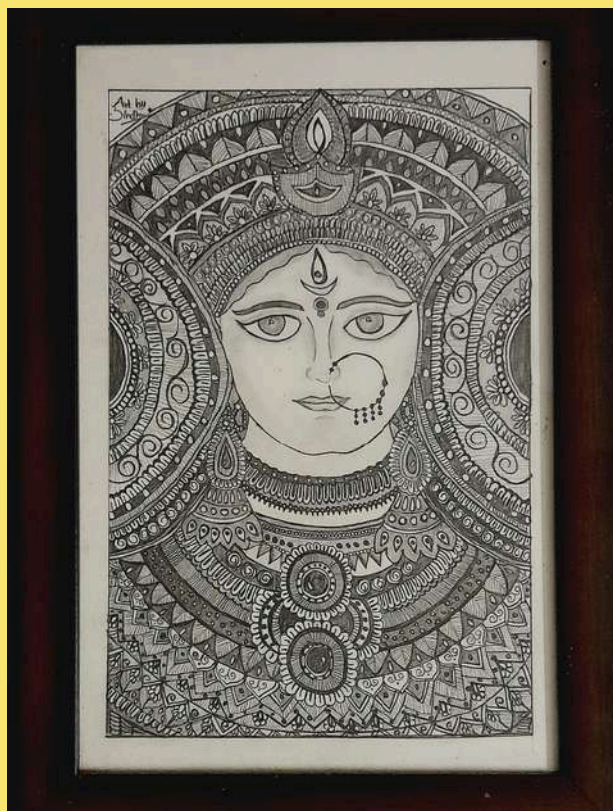
MANDURI NIKHIL KUMAR, II CSBS

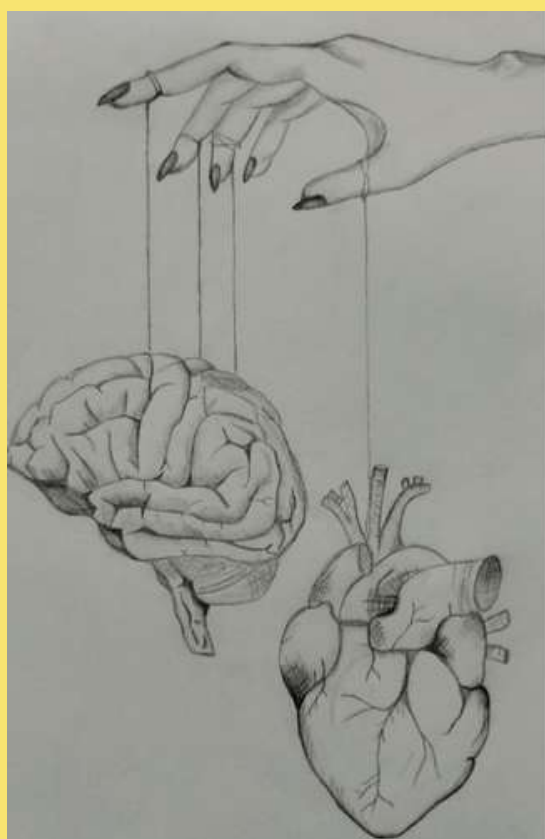TEJASWINI ORUGANTI, I CSE

SINDHU KUMMARI, II CSE

Late Sri G. Pulla Reddy Garu
Founder Chairman
(1920 - 2007)

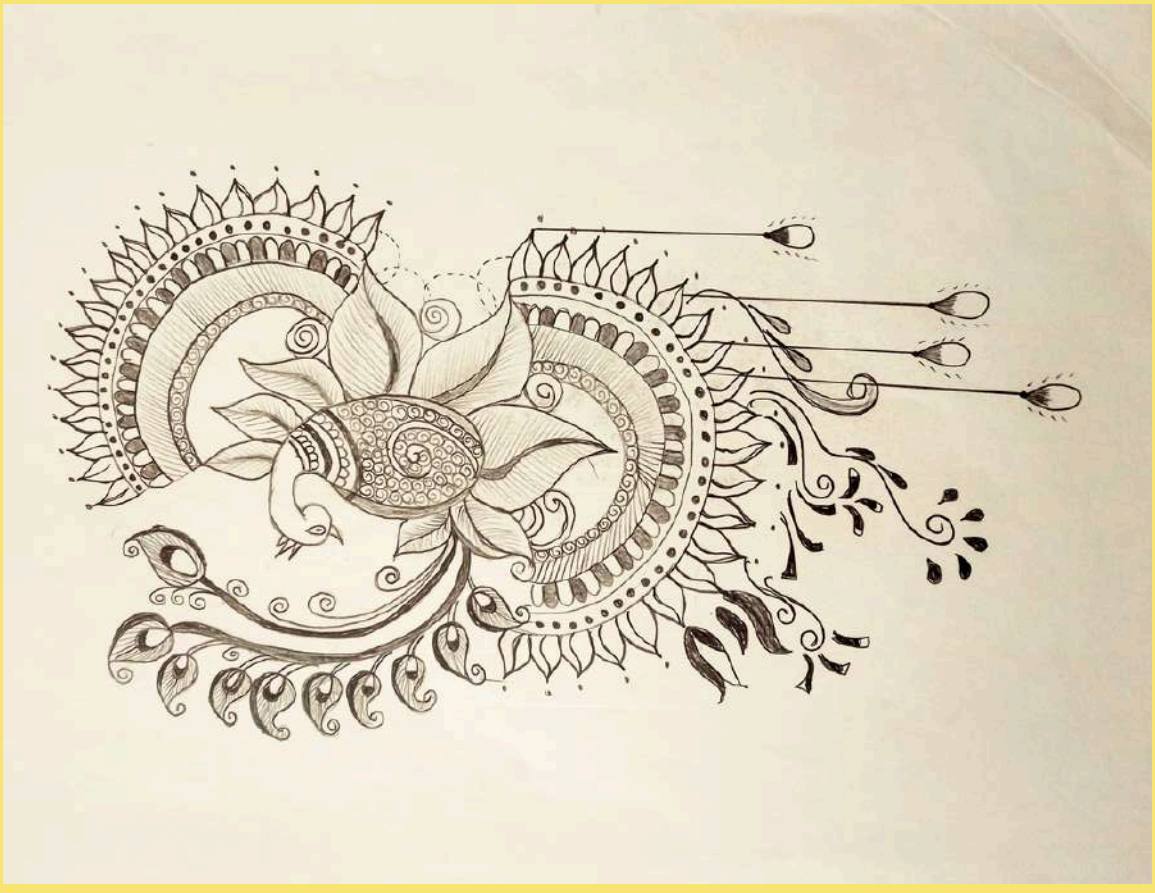V. RAGHAVENDRA PRASAD
ASSOC. PROFESSOR OF MATHEMATICS

SHAIK MUFLIHA KONAINE, I CSE

G. NAGA HARSHITHA, III CSM

KURUVA HARINI, III CE

P. RAJA RAJESWARI REDDY,
2008-2012 batch, CE

Tribute to Late Dr. P. Jayarami Reddy

- J.V. Gurumurthy, Professor of CE

Dr. P. Jayarami Reddy was one of the best and most influenced academicians I had ever known. My association with him dates back to the mid 1980's, when I joined the Institution as a young lecturer in the Department of Civil Engineering.

He has been a guide, motivator and mentor to the young faculty. On his advice, I went to pursue my doctorate on a full-time basis at the prestigious Indian Institute of Science, Bengaluru.

He remained a role model for many, during his illustrious career, and was an able administrator.

During the period of my misfortune, due to road accident, hne helped me to put my career on track.

He held the development and progress of the institution, dear to his heart. Dr. P. Jayarami Reddy had the ability to lead others which was unmatched. He carried invisible magnetic force within him. He was gentle and patient.

He was always available for guidance and encouraged me significantly over the last four decades of my academic journey. I had the good fortune of being associated with him in works related to TEQIP, NAAC and NBA of the Institution.

I remember him as a leader with vision and a person who cared for others.

Great souls does not die because they leave a mark with their way and vision on people who keep looking up to them as inspiration.

May we all learn from his leadership.

Jala Garalam
(Water Pollution in India)

- GVR Sagar, Associate Professor of ECE

India, a land of vibrant culture and breathtaking landscapes, faces a severe and escalating crisis: water pollution. This contamination of vital water resources poses a grave threat to the health of its people, the environment, and the nation's future.

The Sources of Contamination

The causes of India's water pollution are multifaceted, stemming from a combination of factors:

- Untreated Sewage: The most significant contributor is the vast amount of untreated sewage that flows directly into rivers and lakes. India's rapid urbanization and inadequate sewage treatment infrastructure exacerbate this issue.
- Industrial Discharge: Industries, both large and small, often release untreated or poorly treated wastewater containing harmful chemicals and heavy metals into water bodies.
- Agricultural Runoff: The excessive use of fertilizers and pesticides in agriculture leads to runoff that carries these pollutants into water sources, causing eutrophication and harming aquatic life.
- Improper Waste Disposal: The dumping of solid waste, including plastics and other non-biodegradable materials, into or near water bodies further contaminates these resources.
- Religious and Cultural Practices: Certain religious practices, such as the immersion of idols and offerings in rivers, can also contribute to pollution.

The Devastating Consequences

The effects of water pollution in India are far-reaching and catastrophic:

- Human Health: Contaminated water leads to a multitude of waterborne diseases, such as cholera, typhoid, and diarrhea, causing immense suffering and death, particularly among children.
- Environmental Damage: Pollution disrupts aquatic ecosystems, leading to the loss of biodiversity and the decline of fisheries, impacting livelihoods and food security.
- Economic Losses: The cost of treating waterborne diseases, cleaning up polluted water bodies, and the loss of productivity due to illness place a significant burden on the economy.
- Social Injustice: The poor and marginalized communities often bear the brunt of water pollution, as they are more likely to live in areas with contaminated water sources and lack access to healthcare.

Addressing the Challenge

Combating water pollution in India requires a concerted and multi-pronged approach:

- Improving Sewage Treatment: Investing in and upgrading sewage treatment plants is crucial to prevent untreated sewage from entering water bodies.
- Stricter Industrial Regulations: Enforcing stricter environmental regulations on industries and ensuring compliance with wastewater treatment standards is essential.
- Promoting Sustainable Agriculture: Encouraging the use of organic farming practices and reducing the reliance on chemical fertilizers and pesticides can minimize agricultural runoff.
- Effective Waste Management: Implementing comprehensive waste management systems, including segregation, collection, and recycling, can prevent waste from polluting water sources.
- Public Awareness and Education: Raising public awareness about the importance of water conservation and the consequences of pollution can lead to behavioral changes.
- Community Involvement: Engaging local communities in water resource management and empowering them to monitor and report pollution can enhance accountability.

A Call to Action

Water pollution in India is a complex and deeply entrenched problem that demands urgent attention and action.

The health and well-being of millions of people, the integrity of the environment, and the future of the nation depend on our ability to address this crisis effectively. It is imperative that the government, industries, communities, and individuals work together to implement sustainable solutions and protect India's precious water resources.
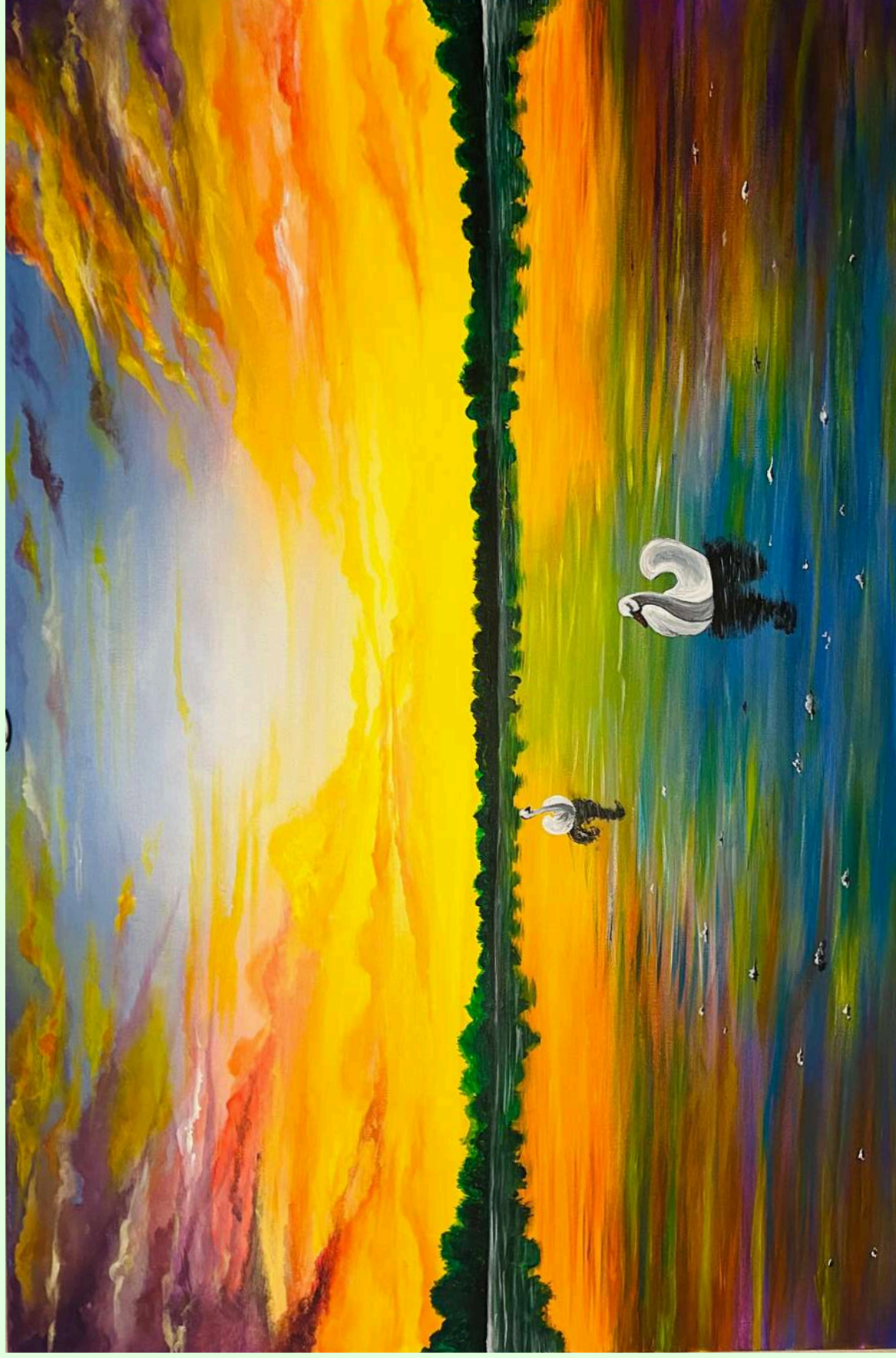
P. SUREKHA, 2008-2012 batch, EEE

A PAW SOME JOURNEY WITH MY FUR-FRIENDS

-Siri Reddy, I ECE

Mahatma Gandhi once said, "The greatness of a nation and its moral progress can be judged by the way its animals are treated."

My experience over the years of feeding and helping stray animals has been filled with love, happiness, and satisfaction. Starting with just one dog in 2019, I've grown to feed over 60 dogs. While it's hectic, it's truly a paw some journey. As a dog feeder, my responsibilities extend beyond feeding; I work to reduce human-animal conflicts by spaying/neutering and vaccinating these animals. Luckily, I'm joined by my dad, who is a vet. Over the years, our shared mission has deepened and strengthened our bond.

This journey hasn't always been smooth; it has its challenges. In a world full of opinions, not everyone agrees with me. I've faced conflicts with people who oppose feeding stray animals, but these experiences have made me stronger. I try to explain that feeding strays is not harmful; in fact, the key lies in feeding them responsibly while also controlling the dog population and vaccinating against rabies. Our government and municipality may have struggled to manage stray populations effectively, but what many people don't realize is that hunger often leads to the aggression we sometimes see in stray dogs.

I believe strongly that most domestic animals don't belong on the streets—they belong in homes and farms. I make every effort to get puppies adopted so they can live good lives. Not everyone has the opportunity to help animals on a large scale, but even small gestures matter. Feeding leftover food, rice, or milk instead of throwing it away can make a difference. Regularly calling the municipality every three months for spaying also helps in controlling the stray population.

Though my journey has been a rollercoaster, it has brought me the joy of love, loyalty, trust, and pure happiness.

Supporting Animal Welfare and Humanity's Growth:

Caring for stray animals and supporting animal protection laws isn't just about animal welfare—it's deeply connected to our humanity. In India, laws such as the Prevention of Cruelty to Animals Act emphasize the importance of humane treatment toward animals and promote the idea that every living creature deserves compassion. These laws not only protect animals but also foster empathy, patience, and responsibility in individuals. When we step up to help animals in need, we nurture qualities that contribute to our holistic development as individuals and as a society. By advocating for animals, we become more compassionate citizens and grow more aware of our shared environment and interconnectedness with all living beings.

These values, I believe, contribute to personal growth, reinforcing the idea that humanity isn't defined by how we treat each other alone but also by how we extend our kindness to other species.

republic india

A Journey from Student to Faculty: Celebrating the Ruby Jubilee at GPREC

-K. Jayasimha Reddy, Asst. Professor of ME

As G. Pulla Reddy Engineering College (GPREC) celebrates its Ruby Jubilee, I find myself reflecting on a unique journey that began in 2008 and continues today. From being a curious student of MechanicalEngineering to standing in the same classrooms as a faculty member, my love for this institution has only grown stronger over the years.

The Beginning of a Lifelong Connection

Walking through the gates of GPREC in 2008 was the start of an adventure that would shape not only my career but also my perspective on life. As a student, the sprawling campus, the vibrant discussions in the classrooms, and the unforgettable memories created on the GPREC grounds made these four years truly special. Those carefree cricket matches under the evening sun, the laughter-filled gatherings with friends, and the occasional last-minute exam preparation sessions—these moments are etched in my heart forever.

From Student to Faculty

Fast forward to today, and I am honored to contribute to the same institution that molded me. My teachers, who once guided me with patience and wisdom, are now my colleagues—a transition that still fills me with a sense of awe and gratitude. Sharing ideas, exchanging knowledge, and working alongside those who were once my mentors has been an incredible experience.

Lessons from GPREC

Life at GPREC taught me many valuable lessons, one of which is captured in a simple analogy: Life is like a rubber band—don't stretch it beyond its elastic limit. Over the years, I've come to understand the importance of balance in all aspects of life. During my student days, I lived by the mantra, "Enjoy in limits, study in limits, and do things within your comfort zone." This approach helped me navigate the pressures of academic life while cherishing the joys of youth.

Ironically, while I hardly ever studied as a student, my life as a faculty member is now a constant learning curve. Preparing lectures, staying updated with advancements in Mechanical Engineering, and mentoring students has instilled in me a sense of discipline that I lacked as a student.

A Message to Current Students

To the current students of GPREC, I offer this advice: Strike a balance between fun and responsibility. Push yourself to excel, but never to the point of losing sight of your well-being. The campus and the opportunities it offers are a treasure—embrace them wholeheartedly but wisely.

Celebrating 40 Years of Excellence

As GPREC completes 40 glorious years, I am proud to be both an alumnus and a faculty member of this prestigious institution. This Ruby Jubilee is not just a celebration of decades of academic excellence but also a tribute to the countless lives that GPREC has touched and transformed.

Here's to the future of GPREC and to the many more memories we will create together.

Journey of Breast Cancer from Antiquity to Modernity

-G. Pushpa Latha, Asst. Professor of English

Globally, women and men are being affected by the pernicious disease of breast cancer, causing morbidity and mortality. World Health Organization (WHO) reported that, in 2022, 2.3 million women were diagnosed with cancer and 670,000 deaths were recorded worldwide. The diagnosis of breast cancer evokes a sense of stigmatization, isolation, fear, emotional and psychological distress among the individuals. All the nations are striving their best to sensitize the public with breast cancer. Breast Cancer Awareness Month has been celebrated in October since 1985. It is called "Pink October" as people around the world adopt the pink color and display a pink ribbon to raise awareness about the importance of prevention and routine screening for the early diagnosis of breast cancer. This program also intends to raise funds to turbocharge breast cancer research.

Despite decades of declining mortality through earlier detection and advancements in treatment, breast cancer remains the second leading, following lung cancer, cause of cancer death among women. However, decades of dedicated research have transformed breast cancer from an often fatal diagnosis to a highly treatable condition, with five-year relative survival rates exceeding 91% in the United States compared to just 73.6% in 1974. Similarly, the UK has witnessed a 41% decline in mortality rates since the early 1970s. There are barely any similar statistics for India available, but a rough estimate from the PBCR (Population Based Cancer Registry) and HBCCR (Hospital Based Cancer Registry) which work under ICMR (Indian Council of Medical Research) reports that the 5 years survival for Breast Cancer in women in India is not even 60%.

According to Edwin Smith Papyrus, the history of breast cancer dates back to 2500 BCE. Edwin Smith, part scholar and part huckster, an antique forger bought a fifteen-foot-long papyrus from an antiques seller in Egypt in 1862. Translated in 1930, the papyrus is now thought to contain the collected teachings of Imhotep, a great Egyptian physician who lived around 2625 BC. This ancient Egyptian medical text contains the first known reference to breast cancer. Descriptions of several visual characteristics of bulging tumours of the breast are mentioned in it.

Greek physicians, including the "father of medicine" himself, Hippocrates (460 BCE), were grappling to understand the same condition that had befuddled their Egyptian predecessors. Eschewing superstitions as a cause of the disease, believing instead that cancer was a result of natural causes, Hippocrates and his disciples attributed tumours to an excess of black bile in the body, which resulted in localised growths. Hippocratic physicians went on to characterise different breast tumour types in detail – from hardened, immovable masses fixed to the chest wall to ulcerated, oozing lesions – coining the term "karkinos" (Greek for crab) to describe the tumours' crab-like appearance.

Circa 440 BC, the Greek historian Herodotus records the story of Atossa, the queen of Persia, who was suddenly struck by an unusual illness. Atossa was the daughter of Cyrus, and the wife of Darius, successive Achaemenid emperors of legendary brutality who ruled over a vast stretch of land from Lydia on the Mediterranean Sea to Babylonia on the Persian Gulf. In the middle of her reign, Atossa noticed a bleeding lump in her breast that may have arisen from a particularly malevolent form of breast cancer labeled inflammatory. She wrapped herself in sheets, in a self-imposed quarantine. A Greek slave named Democedes persuaded her to allow him to excise the tumor. Soon after that operation, Atossa mysteriously vanishes from Herodotus' text. We don't know whether the tumor recurred, or how or when she died, but the procedure was at least a temporary success.

Greek physician Galen, in 200 BC, developed the Galenic humoural theory - an excess of one of the four "humours" (phlegm, blood, yellow bile, and black bile), would disrupt the body's natural balance, leading to illness and according to him excess of black bile causes breast cancer. Owing to religious, cultural constraints and other epidemics, the middle age – 5th to 15th centuries - witnessed no medical texts and treatments concerning breast cancer. However, during the Islamic Golden Age, physicians such as Al-Zahrawi described early surgical interventions, including mastectomy and cauterization.

New theories surfaced about origins of breast cancer, following the discovery of lymphatic system during 16th to 18th centuries. Rene Descartes put forwarded a theory stating that the defective lymphatic fluids caused breast cancer. This theory was later espoused by Scottish surgeon John Hunter. In 19th century, the introduction of antiseptic methods in 1867 by Joseph Lister reduced post-operative infections. The studies in cell pathology by Rudolf Virchow laid the foundation for modern cancer research. William Halsted performed radical mastectomy in 1894, this approach provided patients with higher rate of survival though disfiguring of bodies was not ruled out.

In the 20th century, discovery of X-rays engendered radiation therapy for breast cancer. Hormonal therapies for breast cancer emerged from Charles Huggins' proposal stating that hormone removal could arrest cancer growth, and subsequently chemo therapy was introduced. The discovery of BRCA1 and BRCA2 genes increased the understanding of hereditary risk of breast cancer. In the 21st century, scientific, medical and technological advancements resulted in tailored therapies/treatments for patients.

AI in Students' Hands, Chalk in Teachers' Hands – The Growing Gap

-D. Teja Vardhan, III EEE

Imagine this: A student asks ChatGPT for an explanation, gets an answer in seconds, and moves on. Meanwhile, in the same classroom, a teacher writes the same old notes on a blackboard, expecting students to copy them down word for word. Sounds familiar, right?

The world outside is changing at lightning speed, but inside many classrooms, it still feels like the 1990s. Students use AI tools to solve problems, generate essays, and even learn coding in minutes. Yet, teachers stick to textbooks, chalk, and rote memorization.

The result? A growing disconnect between how students learn and how they are taught. When everything is available online, why spend hours writing from a blackboard? The reality is, education needs to evolve, not stay stuck in the past.

But does this mean AI should replace teachers? Not at all. AI gives information, but only a teacher can give wisdom. Instead of fearing technology, educators should guide students on how to use it wisely—teaching them critical thinking, problem-solving, and creativity.

If we don't adapt, students will outgrow the system, and traditional classrooms will become irrelevant. It's time for a new way of learning—where AI and teachers work together, shaping students for a future that's already here.

Because the goal isn't just passing exams. It's preparing for life.
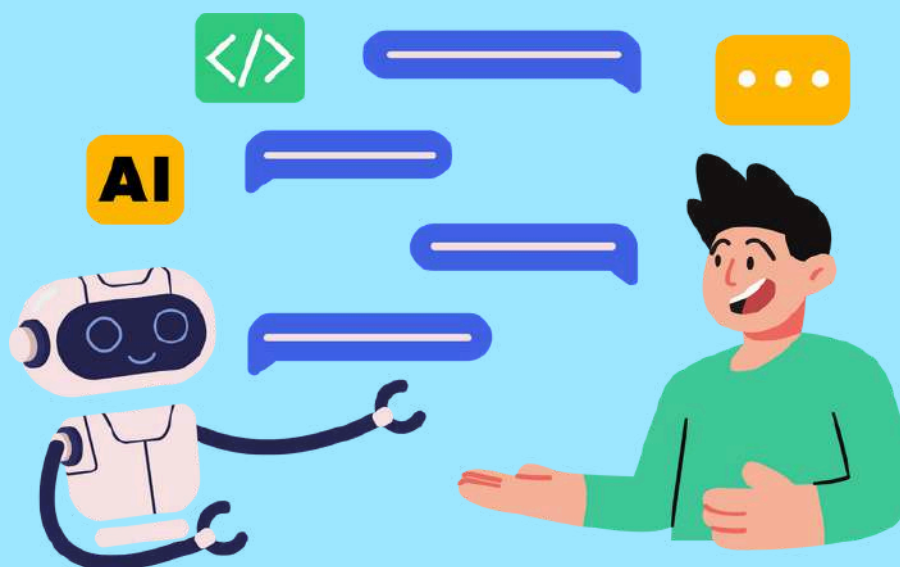
From a First-Generation Learner to a Mentor: A Journey of Gratitude

-C.Rajendraprasad, Alumni 2008-2012

I was privileged to study Mechanical Engineering at GPREC (2008-2012 batch). It was an honour for me to graduate first in my class and with a gold medal. This accomplishment was more than just an individual milestone; it was also evidence of the excellent level of instruction, unparalleled support, and motivating teachers at GPREC.

I am extremely thankful of G. Pulla Reddy Engineering College (GPREC) as I look recalling my life's journey because it was crucial in transforming me into the person I am today. As a first-generation learner of my family, my journey to success was not plain nor easy, but the foundation that was laid at GPREC served as the backbone of my achievements, enabling not just my growth but also improving the welfare of my family. My path continued to be filled with significant events following the completion of my undergraduate studies:

- In 2012, I secured the 5th rank in the APPSC Polytechnic Lecturers Notification (19/2012), a moment of immense pride that marked the beginning of my teaching career.
- In 2022, I ranked 1st in APRCET, reaffirming my commitment to continuous learning and academic growth.

Today, I am working as a Senior Lecturer in Mechanical Engineering at Government Polytechnic, Guntakal, where I can mentor and inspire the students, like I was guided at GPREC. Even while these accomplishments are notable they wouldn't be possible without the guidance, learning, and principles I acquired at GPREC.

Thank you, GPREC, for believing in me and for playing a significant role in my journey.

P. SUREKHA, 2008-2012 batch, EEE

The Idea of India

- G. Raghu Ram, Associate Professor of ECS

One of the greatest narrative conspiracies is the claim that the British unified the many cultures and identities of India, thereby giving birth to the very idea of India. The British themselves widely propagated that it was their divine duty to colonize and civilize the many races of India, which inadvertently led to its creation. They argued that India was a fragmented land and that British rule transformed it into a country. While Winston Churchill famously quipped, "India is a geographical term. It is no more a united nation than the equator," out of sheer arrogance a century ago, similar sentiments have been echoed in recent years out of sheer ignorance: "There was no concept of India before the British gave it one." Between Churchill and others who have repeated this notion, many have embraced this misconception.

A mere glance at India before the arrival of Robert Clive and Warren Hastings does not capture the full historical narrative. The mid-18th century India was indeed disintegrated, with no single power holding sway over the majority of the land. The British use this state of affairs to justify their claims of a fragmented India. However, this was not the norm throughout history. Powerful empires such as the Nandas, Mauryas, Guptas, Rashtrakutas, and Mughals ruled over vast territories, bringing with them a shared culture and common identity.

Yet, the idea of India is much older than these empires. The Vishnu Purana states, "Uttaram Yat Samudrasya, Himadraschaiva Dakshinam, Varsham Tad Bharatam Nada Bharati Yatra Santatih," which translates to: "The land that lies north of the ocean and south of the snowy mountains is called Bharata, and the descendants of King Bharata live there." This notion is echoed in the Markandeya Purana, Agni Purana, and the Vedas. The Mahabharata, which involves all the kingdoms of India, is aptly titled "Great India," reflecting the writer's awareness of the land's unity. Similarly, the Ramayana traverses the length of the subcontinent, reinforcing this geographical coherence.

Even foreign literature acknowledges this unity. Ancient texts from neighboring lands refer to India as "Sapta Sindhu," which the Persians corrupted to "Hapta Hindu," eventually evolving into "Hindustan." Chinese records from the Han Dynasty use the term "Tianzhu," a derivative of "Tiandu," itself a phonetic corruption of "Indu." When foreign accounts mentioned India, they referred to the entire landmass between the Indian Ocean and the Hindu Kush, not a particular kingdom.

The work of Adi Shankaracharya further cements this idea. In the 1st century CE, he strategically established four major monastic centers across India: Sringeri in the south, Dwaraka in the west, Puri in the east, and Joshimath in the north. He did not choose these sites within a single kingdom but across the land of Bharata. Before him, Emperor Ashoka installed rock and pillar edicts across India's frontiers. These inscriptions were not mere artifacts; they demarcated the extent of Indian civilization. Later rulers, from Tughlaq to Qutb-ud-din Aibak, relocated these pillars to assert their authority and provide civilizational continuity. The seal on Ashoka's edict found in the Qutub Minar complex now serves as India's national emblem.

Beyond rulers and kingdoms, faith further united the people of this land. While dynasties rose and fell, religious pilgrimages and congregations fostered cultural continuity and exchange. The Skanda Purana details pilgrimage centers in its "Tirtha Mahatmya," underscoring their role in integrating the Indian cultural sphere. Adi Shankaracharya encouraged the Char Dham Yatra, covering Badrinath, Dwaraka, Jagannath, and Rameshwaram, emphasizing national spiritual unity. Hiuen Tsang documented the Kumbh Mela, where millions gathered to bathe in the confluence of the Ganga and Yamuna. In the 1st century CE, Pallava queen Samavai donated land to the Venkateshwara temple to accommodate pilgrims, further facilitating cultural integration.

Linguistic and literary traditions also played a crucial role in fostering Indian unity. Sanskrit and Prakrit served as scholarly languages that connected various regions, while Tamil's rich literary heritage contributed to India's shared cultural narrative. Epics like the Ramayana and Mahabharata were adapted into multiple regional languages, ensuring their widespread influence across the subcontinent.

Economic and trade networks further reinforced this unity. India's extensive trade routes, including the Silk Route and the Indian Ocean trade system, linked its various regions and facilitated exchanges with the world. Guilds and merchant associations functioned across different kingdoms, creating interdependencies and cultural interactions from Bengal to Gujarat to Tamil Nadu.

Regional dynasties also played a crucial role in shaping India's unity. The Cholas' naval expeditions extended Indian influence into Southeast Asia, spreading governance models and religious traditions. The Vijayanagara Empire acted as a bastion of Indian culture against external invasions, while the Ahoms in the Northeast, the Rajputs in Rajasthan, and the Marathas resisted foreign incursions while fostering a broader Indian identity.

India was a civilization long before it became a country. Like China, it is among the world's longest continuous civilizations. Both nations derive their cultural identity from semi-historical figures: King Bharata in India and the Yellow Emperor in China. These legends have forged lasting national identities.

The power of civilizational identity is such that even when territories fragment, their legacies remain intact. Alexander the Great is remembered as a Greek conqueror despite being from present-day Northern Macedonia. Similarly, Stalin is considered Russian, though he was born in modern-day Georgia. Their stories are inseparable from their civilizational heritage.

While a country's borders may change, its civilization endures. The United States evolved from thirteen British colonies into a continental power. France became a republic only in the 18th century, yet its people's shared Gallic, Roman, and Germanic ancestry fostered a common French identity, leading to centuries of conflicts with Rome as early as the 1st century BCE. Likewise, the people of the land between the Himalayas and the Indian Ocean have long shared a collective identity. This idea of India united warring kingdoms against invasions from the Huns, Sakas, Scythians, and Bactrians in the past and continues to unite us today as we reclaim our role as the "Vishwa Guru" of the world.
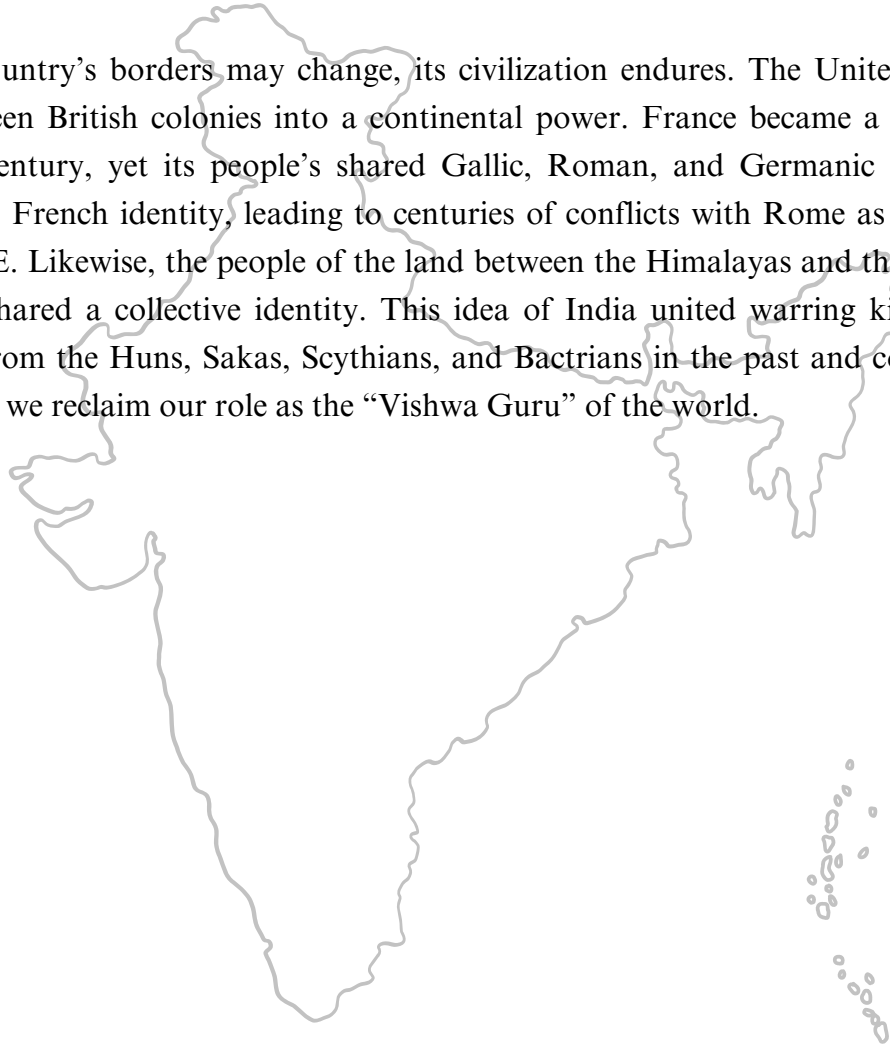
The Incomplete Journey to Freedom

-N.Harshitha Reddy, III CSBS

Since our school days, we have been taught that India is a free and independent country, and we proudly celebrate this on August 15 and January 26 with flag hoisting ceremonies led by dignitaries. However, beyond these two symbolic days, we need to ask ourselves what does independence truly mean in our daily lives?

Every day, we are confronted with headlines about women being harassed or assaulted, and communal clashes arising from caste or religious differences. Before 1947, it was the British who imposed their dominance and injustice upon the people. But now, in post-independent India, it's heartbreaking to see similar forms of oppression, particularly against women, being carried out by our own people.

So, what is real independence? Are we truly free if half of our population still lives in fear? Why is it that we constantly tell our daughters to be cautious and vigilant but fail to address the root of the problem? Instead of solely focusing on protecting girls, shouldn't we be raising boys to respect, understand, and value the equality and dignity of others? Is this failure a reflection of flawed parenting, or is it society that perpetuates the notion that men are dominant and entitled to act without accountability?

Somewhere along the way, we've allowed these toxic ideas to thrive, where boys grow up to forget that they, too, are human, bound by the same moral compass that should guide us all. Social media has further complicated this problem. While it can be a powerful tool for awareness, activism, and change, it has also become a platform where toxic ideas are amplified. Too often, incidents of harassment or violence against women are trivialized or ridiculed.

There are people who blame the victims, saying it was the girl's fault for going out late or dressing a certain way. Some even make jokes about these tragic incidents, passing them off as "dark humor," without realizing the damage such behavior inflicts on both the victims and societal values.

"Independence should mean freedom from fear, from inequality, and from the oppressive structures that still dictate our behavior. The question, then, is how we can reclaim that ideal, not just on national holidays but in everyday life."

Beauty or Bondage?
Traditions That Shaped (Shackled) Women

-M. Navya sree, III CST

Beauty is pain. But throughout history, some cultures have taken this idea to such an extent, that seem unimaginable today. From the painful binding of feet in ancient China to the elongation of necks among the Kayan women of Myanmar, the human obsession with physical appearance had crossed the boundaries of endurance. These traditions, once symbols of status, beauty and elegance, reveal a darker truth—where does admiration end and oppression begin? This article unfolds the darkest truths behind these cruel traditions.

People used to follow some body modification traditions believing that these are signs of beauty. In this article we will get to know more about these traditions.

1. Foot Binding:

Foot binding was a traditional practice in China that endured for nearly 1,000 years, beginning in the 10th century during the Song dynasty, this painful process was primarily seen as a marker of beauty, social status. The small, bound feet, referred to as "lotus feet," were considered desirable and essential for securing a good marriage and maintaining social prestige in many regions. However, the process caused significant pain, long-term physical damage, and restricted mobility for many women. It was designed to keep women physically restricted, ensuring they remained dependent and unable to challenge male authority or escape control, further solidifying gender inequality.

2. Neck Elongation:

The Padaung women of Myanmar were famous for stretching their necks—with the help of coiled brass neck rings—to a length of about 15 inches (38 cm). The custom of wearing neck rings is related to an ideal of beauty: an elongated neck. Here, the neck itself is not growing. The illusion of a longer neck is actually created by the downward compression of the collarbone and rib cage.

While this tradition has been admired as a symbol of beauty and cultural identity, it also has long-term physical effects, including muscle weakness and dependency on the rings for support. Today, as modernization and changing social values, some women choose to remove their rings, reclaiming control over their own bodies.

3. Lip Stretching:

The lip plate is a form of body modification. Lip plates are more frequently worn by unmarried girls and newlywed women in Mursi tribe of Africa. The initial piercing is done as an incision of the lower lip of 1 to 2 cm length, and a simple wooden peg is inserted. After the wound has healed, the peg is replaced with a slightly bigger one. At a diameter of about 4 cm, the first lip plate made of clay is inserted. The very painful process often takes over several months. It is a symbol of great beauty. It marks a commitment to the husband. Despite the pain and dedication required, many women take pride in wearing it. However, due to modernization, some younger generations are choosing to forgo the practice, sparking conversations about the balance between cultural preservation and personal choice.

Throughout history, body modification traditions like foot binding, neck elongation, and lip stretching have been upheld as symbols of beauty, status, and cultural identity. Yet, below their surface lies a darker narrative—one of them is controlling and restricting women. Though these practices are celebrated in their respective cultures, often served as tools to limit women's autonomy, forcing them into beauty standards and dependency. The pain endured in the name of beauty wasn't just physical, but also symbolic. It showed how deeply gender inequality was rooted, as women's bodies were shaped to meet society's expectations, not their own wishes.

But as modernity sweeps across the world, more and more women are reclaiming their bodies, challenging these oppressive traditions, and questioning the fine line between admiration and oppression. It is a powerful reminder that true beauty does not lie in painful submission to cultural ideals but in the freedom to define one's own body and identity. The fight for control over one's body continues, and as women break free from the past, they show that true beauty comes from the power to make their own choices and follow their own path.

A HUNDRED RUPEE NOTE

-Shaik Abdul Basith, III CSD

A couple of years before my cousin died, we had this ongoing theory that you could save any bad story by simply adding, "and then I found 100 rupees" at the end of the bad story. This led to us joking around with each other. It became an inside joke and whenever someone told a bad story, we would ask, "So, when did you find 100 rupees?"—(transl. "sare kaani, vanda rupayalu eppudu dorikinai" || "toh phir, sau rupaye kab mile")

Anyway, the year my cousin passed away, it was at the beginning of December. At the end of that month, we had a trip planned with my whole family. The trip was beautiful, but it was hard to fully enjoy the trip because my grief was a constant presence throughout the trip, weighing me down like a heavy boulder on my back. We were staying in this really beautiful house right on the beach. One evening during the trip, I took a walk down to the shore to sit with my emotions.

It was December winter and cold at the time. Even though it was cold, I was wearing shorts; I hadn't worn since last summer. As I sat on the shore, I noticed there was something in that tiny little pocket of my shorts—that one pocket that no one knows what to do with. And I kid you not, I found a crumpled **hundred rupee note**.

THE BLACK CROWN

-Gurulatha Manikrinda, III ECE

Call me Chinmayi, I am a girl with old-fashion, over-thinker and a girl with pride, anxiety and also the one who wants to shake hands with success as early as possible.

Here is a story of mine which carries a lot of dreams and also fears. I am surrounded by a society where everything comes and ends up with fears. And we live in a society where peace is only in words and thoughts fill-up our mind.

One day, my whole brain got dumped with full of thoughts. Those were the thoughts that made me to feel the dark sky. When I am roaming around the street, the dark has taken me to a different world, where I got stuck by a question - Does dark fade away or enlighten the shine of the sky? If there is no dark, then there is no beauty to light up the sky. As like, does fear really stop us to move forward? Everyone has one's insecurities and fears but how you react to them matters the most. As of mine, I want to share a moment. I have been an UPSC aspirant since childhood. My dreams have also grown along with me. Then the D-Day came. It was a do-or-die situation where I was in the final interview of UPSC. It was actually the 2nd attempt for me. Having the responsibilities on my shoulders, tension in my brain and fear in the heart, I have finally entered the room. That day, the whole world has made me to frighten even my breath too. The fear I had was not about attempting the interview but it was the fear of not achieving my goal. That day, I literally felt confused whether the courage came with or by the fear.

Remembering this, I came to my home. This time my eyes went on my name plate which is written CHINMYAI IAS which made me feel yeah! That shook my hand with success and built my home on my dreams.

With this what I wanted to say is everyone has their own fears and limitations. Keep on thinking of them will never make us to win but overcoming them really does. As the dark never fades away the sky, the fear never degrades you but the thinking does. When you overcome the limitations, you will definitely wear the crown.

Bhairava – The Reincarnation of Lord Maheshwara

-G. Gagan Sreekar, III ME

Deep in the dense forests of Nallamala, an isolated tribe lived in harmony with nature, devoted to their one supreme deity, Lord Maheshwara. Their unwavering faith led them to believe that every Mahashivaratri, their god manifested as a white bull at the forest's edge. Witnessing this sacred form marked the beginning of their grand ritual, during which they retrieved Lord Shiva's crown from a hidden temple and worshipped it for seven days.

Among them was Bhairava, a blind 20-year-old known for his unmatched devotion. Despite his blindness, he dedicated himself entirely to serving Lord Maheshwara, believing in karma rather than seeking divine favors. He had often wished to partake in the sacred journey but was denied due to the perilous path filled with venomous creatures. This year was no different—he was left behind, tending to the children and elders.

Meanwhile, a ruthless king, having recently conquered neighboring lands, ventured into the forest on a hunting expedition. A soldier warned him about the tribal festival, advising against interference. But the king, an atheist who scoffed at divine beliefs, deliberately sought to disrupt the ceremony.
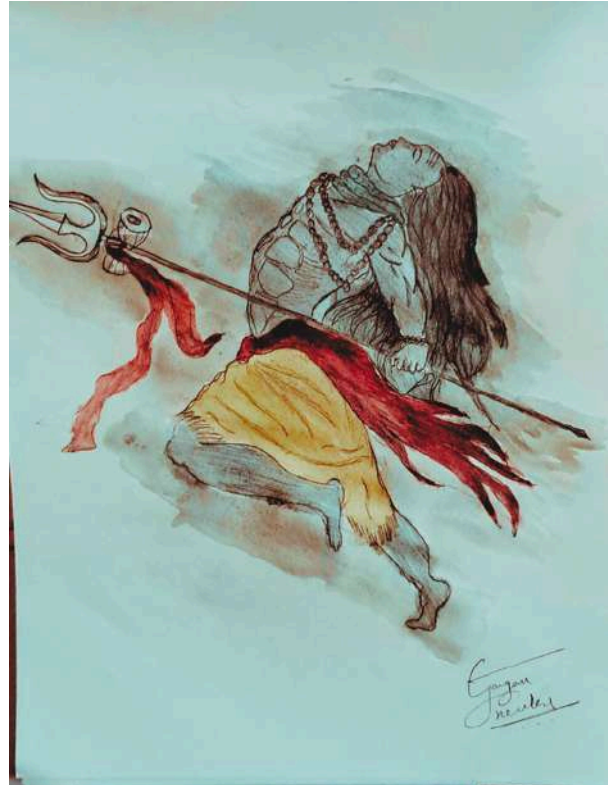
Upon arriving at the sacred site, he saw the tribe worshipping the white bull. With arrogance and disdain, he shot an arrow, piercing the bull's neck. The wounded creature wailed in agony and fled into the forest, its cries shaking the heavens.

Outraged, the tribesmen retaliated, attacking the king. In response, he ordered his soldiers to massacre them all. Blood stained the sacred ground as men and women fell. One severely wounded survivor managed to escape, stumbling back to the village, where he collapsed in Bhairava's arms, gasping out the horrors he had witnessed before succumbing to his wounds.

For the first time in his life, Bhairava questioned his god. Kneeling before Lord Maheshwara's idol, he cried out:"I have never asked for anything, despite my hardships. But now, I do not request—I command! Restore my vision, even if only for a few hours. I must restore Dharma, or I will renounce you forever!"

A radiant light erupted from the idol, and a booming voice filled the temple:"You are my devoted child. I shall not let my true devotee drown in sorrow. Take this axe and go forth. Your sight is restored—restore Dharma." cutting through soldiers with unrelenting force. Witnesses trembled at the sheer ferocity of hisstrikes, seeing in him the god of destruction himself.

Eyes blazing with newfound vision, Bhairava seized the divine axe and ran toward the battlefield. The sight that met him filled him with unyielding fury—his people lay in pools of blood, their sacred land defiled. Fueled by divine wrath, he fought like Lord Shiva incarnate,

Finally, he stood face-to-face with the tyrant king. Their battle was fierce, but Bhairava, empowered by Maheshwara's blessing, struck him down, severing his head in one decisive blow. Lifting the head high, he offered it as a tribute to his lord.

With Dharma restored, Bhairava returned to the idol. Knowing his purpose was fulfilled, he knelt one final time and, with unwavering resolve, plucked out his own eyes, surrendering his vision back to the god. But before he could fall, a celestial light engulfed him, and a divine voice echoed once more:"You are not meant for this world. Come to me, my child, and attain Nirvana."

Before the eyes of his people, Bhairava merged into the idol, becoming one with Lord Maheshwara.

From that day forth, the tribe worshipped him as a reincarnation of Lord Shiva, a mortal who transcended into divinity. Thus, Bhairava, the blind devotee, became immortal in the hearts of his people.

THE ENDING OF THE STORY WHICH NEVER STARTED

-N Sai Prakash Reddy, III CSBS

Krishna stepped into college with big dreams and hopes. From the very first day, he dreamed of starting a business that could make a difference. His notebook was always by his side filled with sketches and notes, each one a little piece of something bigger. But even with all those ideas, he found it hard to take that first step.His friends often teased him, telling him to just focus on passing his classes. Their laughter hurt more than he wanted to admit. While they enjoyed the fun of college life, Krishna felt a heavy weight on his shoulders. He desperately wanted to create something meaningful, but fear of failing, of not being good enough kept holding him back.As the semesters rolled on, he watched his classmates land internships and chase their goals. Each success they celebrated made him feel even more hesitant. Maybe next semester, he would tell himself, always waiting for a perfect moment that never came.

When graduation day arrived, Krishna found himself taking a safe job, feeling like his dreams had slipped away. While his friends celebrated, he could only smile sadly. As he packed up his things, he found his old notebook, buried under clothes he had forgotten. Dust covered its pages, and as he flipped through them each idea reminded him of what he had left behind tears filled his eyes as the truth hit him. They were not just ideas,they were parts of him he had ignored with a heavy heart he closed the notebook one last time. Standing there, surrounded by the fading memories of college, he whispered, I guess this is the end of a story that never started.With that, Krishna walked out of the gates, leaving behind not just his notebook, but also the part of himself he wished he had the courage to pursue.

AI ON CAMPUS: TRANSFORMING HOW STUDENTS LEARN

-Y. Venkata Siva Kumar, Asst. Prof. of English

AI Enters the Classroom

It's 2 a.m., and your research paper is due in six hours. Instead of flipping through stacks of books, you open an AI-powered tool. In minutes, you have a neatly summarized list of sources, a structured essay outline, and even grammar suggestions. You breathe a sigh of relief—but then pause. Are you truly learning, or is technology doing the thinking for you?

Artificial Intelligence (AI) is no longer confined to futuristic robots or sci-fi movies. It has seamlessly woven itself into college life, transforming how students learn, communicate, and plan for the future. From AI-powered tutors to mental health chatbots, technology is reshaping the student experience. But this transformation raises important questions: Are we using AI as a tool for growth, or are we becoming too dependent on it.

AI and Learning: A Smarter Way to Study?

1. Personalized Learning at Your Own Pace
Every student learns differently, but traditional classrooms can't always accommodate individual needs. AI-driven platforms like Khan Academy, Coursera, and Duolingo adapt to students' strengths and weaknesses, offering customized learning experiences.

Example: Raj, an engineering student struggling with calculus, began using an AI tutor that tailored lessons to his weak areas. "It's like having a 24/7 personal tutor," he says.

2. Research in Seconds, Not Hours
Spending hours sifting through academic journals is becoming a thing of the past. AI-powered research tools like Elicit and Semantic Scholar can analyze thousands of papers in seconds, summarizing key findings and suggesting relevant citations.

Example: Priya, a literature major, now relies on AI to generate citation-ready overviews of relevant studies instead of searching for sources manually.

3. AI for Accessibility
For students with disabilities, AI has been a game-changer. Speech-to-text software, automatic transcription services, and real-time translations are making education more inclusive.

Example: A visually impaired student can now use AI-powered screen readers to access textbooks that were previously unavailable in audio format.

4. Will AI Replace Professors?

AI can grade assignments and recommend study plans, but it can't replace the human connection of a great teacher. Instead of eliminating professors, AI is shifting their roles—from traditional lecturers to facilitators guiding students through interactive, AI-supported learning.

AI and Social Life: The Algorithm Behind Friendships

1. AI Matchmaking for Study Groups?

Imagine an app that analyzes your interests, study habits, and schedule to find your ideal study group. AI-based platforms are already working to connect students with like-minded peers.

Question: Would you trust AI to pick better study partners than you?

2. AI-Influenced Social Media: Who's Really in Control?

Ever noticed how Instagram or TikTok seem to know exactly what you like? AI algorithms curate our feeds, influencing trends, opinions, and even friendships. But this raises a crucial question: Are we making our own choices, or are algorithms making them for us?

3. AI for Mental Health: Helpful or Just a Digital Band-Aid?

With student stress levels on the rise, AI-powered mental health chatbots like Wysa and Replika offer 24/7 emotional support.

Example: Some students find comfort in AI chatbots that provide coping strategies, while others worry that AI lacks genuine human empathy.

The Challenges: Are We Getting Too Dependent?

1. AI as a Shortcut to Laziness?

AI makes studying easier—but does it make students think less?

Example: If students rely on ChatGPT to write essays, will they still be able to construct arguments independently during exams?

2. Data Privacy: Who's Watching?

AI applications track user activity, raising privacy concerns. Colleges must ensure student data is protected from misuse.

Example: Some AI tools monitor how much time students spend on homework. But should that data influence grades?

3. AI and Job Security: What Happens After College?

Many students fear that AI will replace their future jobs. While automation is changing industries, it's also creating new opportunities in AI ethics, cybersecurity, and data analysis. The key to staying ahead? Develop skills AI can't replace—creativity, emotional intelligence, and problem-solving.

The Future of AI in College: What's Next?

1. AI-Powered Campuses

In the future, AI could enhance virtual classrooms, provide career counseling, and even suggest the best majors based on a student's skills and interests.

2. Preparing for an AI-Driven World

Students must see AI as a tool—not a substitute for learning. To thrive in an AI-powered future, they should:

- Understand how AI works
- Develop soft skills AI can't replicate
- Use AI ethically and responsibly

Friend or Foe?

AI is neither a hero nor a villain—it's a powerful tool. Whether it enhances learning or creates dependency depends on how we use it.

So, next time you use AI for an assignment, ask yourself: Am I using this to learn, or just to save time?

A Decade After You Killed Yourself

-Shaik Abdul Basith, III CSD

the door opens.

your mom brought groceries home—a few mangoes, chocolates, and a bag of chips.
you loved chocolates.

your mom never fully adjusted
she still buys food for two people and forgets she can't eat it all.
but she got off the couch and decided to live for you,
breathe like she wished you wanted to.

your dog jumps off your bed in hopes you've finally come home.
"hey, oscar" your mom says to your dog.
oscar is getting old; he'll get to see you soon,
but he has never stopped waiting for you in your untouched room.

your best friend grieves every day.
she's 27, with a daughter now—her daughter has your name.

your dad never touched another beer
he quit cigarettes and started to enjoy his life.
he'll spend the rest of his life missing you,
but it doesn't cripple him anymore.

your grave has never gone cold or been silent.
your mom drops off flowers once a week and celebrates your birthday with you.
she wishes she could hold you on the hard days;
she wishes you would have stayed.

your best friend cries as she tells her daughter about your name—
her baby girl calls you "uncle " and asks her mom when she'll meet you.
"not for a long time, honey," she says.

it's been a decade.
you would've been 27 in two weeks; you would've found love by now
and earned that degree—you always wanted to be a lawyer.
hearts are heavy today but they
stay for you
breathe for you
live for you.

TOPPER

-K. Lakshmi Sreenija, II CSM

A topper she was, scoring the perfect grades
A topper she was, the teacher's favourite student
A topper she was, the one whose name adorned the Roll of Honour
A topper she was, the one who made her parents proud
A topper she was, admired by all yet envied by many…

A topper she was, but also the nerd they mocked
A topper she was, whom people befriended only before exams
A topper she was, the one never invited to parties
A topper she was, surrounded by people yet drowning in loneliness…

A topper she was, but also a student who feared losing a single mark
A daughter she was, carrying the crushing weight of expectations
A girl she was, who longed for stolen moments of laughter with friends
A girl she was, who wished she had the courage to confess her love
A restless soul she was, trapped in the cycle of achievements that never felt enough…

Yes, she was a topper in academics
But she failed at life—burdened, unheard, and unseen
In the pursuit of perfection, she lost herself
And in the silence of her success, no one heard her cries…

WILL WE EVER BE THE SAME, AGAIN?

-K. Dheeraj, III CSE

Time slipped away,
an unrelenting tide erasing what we thought
was unbreakable.
Yet I remember—
the way your eyes found mine,
your smile,
the bond we thought unbreakable.

But time took everything.
The laughter faded to silence,
glances turned hollow,
Leaving echoes where we once stood.

You've forgotten me—
my name, my essence.
Voices urge me to let go,
but my heart still reaches for you.

Every sound, every message—
I hope it's you.
But silence is all that answers.

I bury my sorrow where no one can see,
only God knows the weight of missing you.
If I could turn back time, I'd return to when
your eyes spoke "hello"
before your lips ever did.

I can't rewrite fate,
only carry your memory—
a wound, yet a warmth.

Maybe I'll heal.
Maybe time will soften the ache.
But I want your memory to stay—
like a butterfly drifting free, perhaps one day
finding its way back to me

We've parted, our paths forever split.
What was "we" is now just "I."
But I'll always be grateful
for the piece of my past, that was you.

An Engineer's Dream

-M. Bharani Kumar Reddy, II CSM

We walked in with dreams so high,
Not knowing how fast time would fly.
Numbers, circuits, codes, and more,
Each day a challenge, a lesson in store.

Sleepless nights and endless tests,
Blueprints drawn with hopeful quests.
Failures taught us, step by step,
That every fall is a lesson kept.

It's not just machines, not just steel,
It's the passion, the drive, the fire we feel.
To build, to solve, to shape, to create,
To turn ideas into something great.

Through every struggle, every doubt,
We learned what engineering's about.
Not just about grades, or passing the test,
But daring to dream, to give our best.

So here we stand, strong and free,
With open minds and a vision to see.
The world ahead, so vast, so wide,
And we, its makers—its source of pride.

BEAUTY IN TRAGEDY

-K. P. Sai Sravani, III CSE

When I look at you, suddenly the spring makes sense.

I used to ask myself in the loud thoughts of my quiet mind,

"How terrible it is to love something death can touch".

It's always the right person just the wrong time, cause no matter.

How much you reread the book, the ending always remains the same.

I could live a thousand more lives, and still not deserve you in any of them.

But in every lifetime, my heart would belong to you.

Between your name and a prayer, is there a difference?

Touch me softly, breathe me in, I'll write a poem that no one will ever read because you're a love I'd cross oceans for.

THE UNTOLD LEGEND

-S. Fayaz Hussain, I CSE

A man of honour, strong(firm) and true

His journey inspired and his vision grew

He lived with grace both kind and wise

Left a legacy that never dies

His charities still shine, his deeds remain

His name – a timeless flame

His life – an unprinted book to tell

His journey – a path where glory dwell....

Haiku

-B. Muni Lakshmi, Asst. Professor of English

- Haiku is a Japanese unrhymed poetic form consisting of 17 syllables in three lines of 5,7,and 5 lines respectively. It emerged in Japanese literature during the 17th century in reaction to elaborate poetic tradition during that period.

- Originally, the haiku form was restricted in subject matter to an objective description of nature of nature suggestive of one of the seasons, evoking a definite though unstated ,emotional response but now it that has eased.

THE SUN

Off with the blackness
This morn the golden sun's rays
Welcome a fresh leaf.

CLOUDS

In the breezy sky
Move gently the silver flakes
Bringing cheer to me.

SOIL

Bed of all the roots
Everytime with everyone
Blessed is your hand,dear.

FLOWER

OH! serene flower
Splashed you are in drops of mirth
With wings of color.

THE MOON

Take me far away
In your silver chariot
Away from this din.

CELEBRATION

-S. Fayaz Hussain, I CSE

Forty years, a journey so bright,
Legacy shining in Golden light.
From humble roots to towering dreams,
A beacon where wisdom gleams.

To honour the years, a grand fest unfolds,
A tale of brilliance, proudly told.
Three days where science takes flight
Ideas bloom like stars at night.

New inventions, bright and grand,
Ideas shaping the future's hand.
Curious minds with passion deep,
Climbing knowledge steep by steep.

Then comes the thrill, the sportsmen race
Victory gleams on every face.
Strength and spirit, fierce yet true
Bound by teamwork, old and new.

At last, the culture takes its stage,
A canvas bright with art and sage.
Dance and music, Voices strong,
A symphony where all belong.

Forty years of pride and grace,
A home for minds that dare embrace.
With joy, with light, we stand and cheer.
For the past, the now, the coming years….

T. CHENNA KESAVA, III ECE

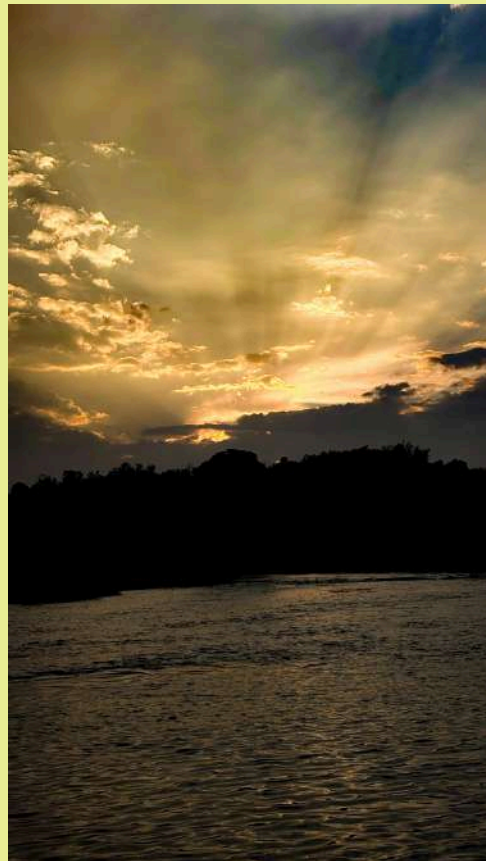VENKATAMPALLI PRASANTH BABU,
2018-2022 Batch ECE

A. KASI VISWANATH, III ECE

G. GAGAN SREEKAR, III ME

VENKATAMPALLI PRASANTH BABU,
2018-2022 Batch ECE

SHAIK ABDUL BASITH, III CSD

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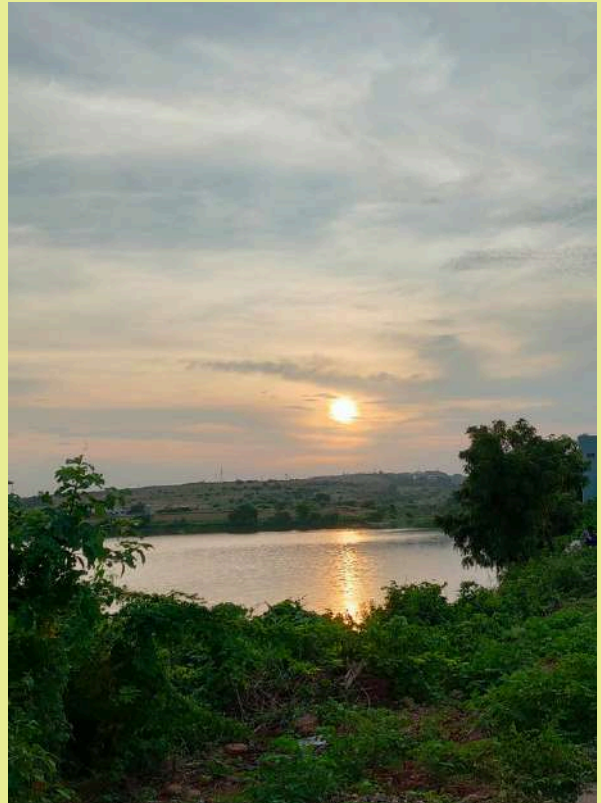
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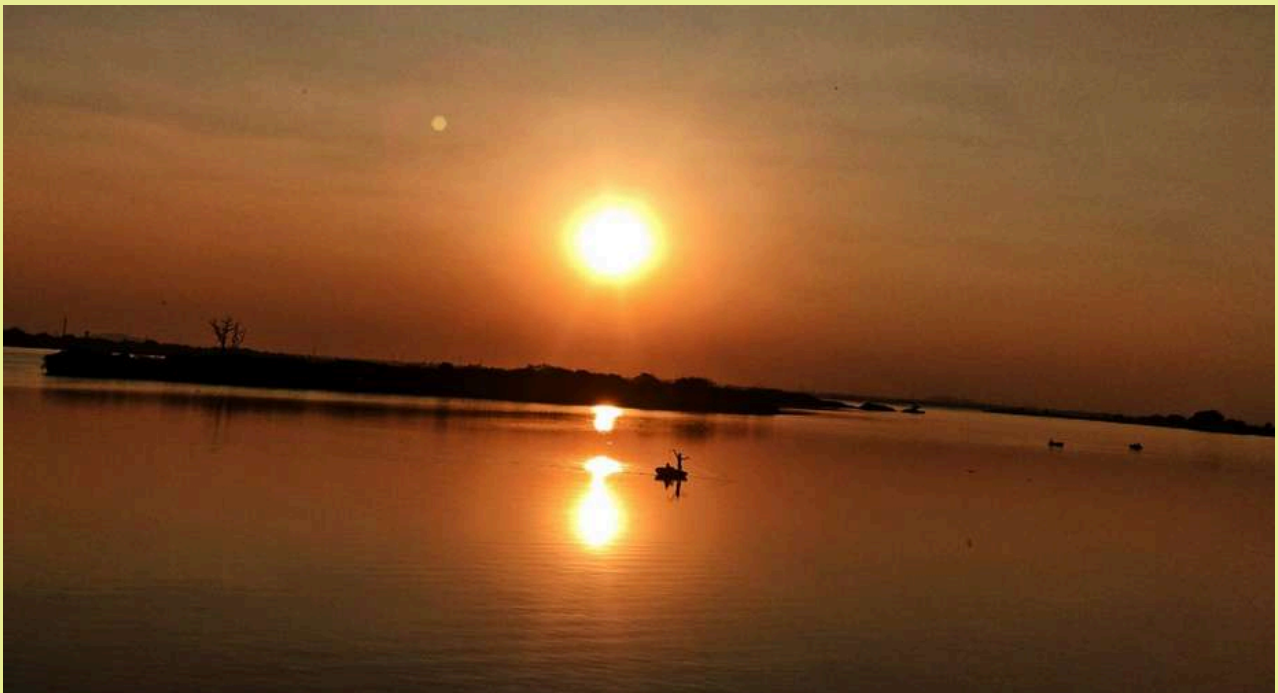

A. KASI VISWANATH, III ECE

N SAI PRAKASH REDDY , III CSBS

S G SIVA PRASAD , III CSBS

N SAI PRAKASH REDDY, III CSBS

నేను భారతీయుడను

~ పోలుదాసు మధుసూదన్
అసోసియేట్ ప్రొఫెసర్ ఆఫ్ ప్రాక్టీస్ (ECS డిపార్ట్మెంట్)

ప్రతి దేశ పౌరుడు తన దేశం యొక్క మూలాలను చాలా గొప్పగా చెప్పుకుంటాడు. నేను సైతం నా తల్లి భరతమాత కాల గర్భంలో దాచుకున్న కొన్ని చారిత్రక వైజ్ఞానిక విషయాలను నలుగురికి పంచుకోవాలనే తపనతో శాస్త్రీయమైన వివరాలను మీకు అందిస్తున్నాను.

గమనిక :- వేదకాలం అంటే అతి పురాతనమైనది (వేల సంవత్సరములకు పూర్వము) అని అర్థం చేసుకొనగలరని మనవి

1) భూ 'గోళమే' నా !

భూమి గుండ్రంగా ఉన్నది అని కెప్లర్ కోపర్నికస్, గెలీలియోలు చెప్పారని చదువుకున్నాం, వీరంతా 16, 17 శతాబ్దాలకు చెందినవారు, కానీ వేదకాలం నుంచే భారతీయులకు ఈ విషయం తెలుసు. ఋగ్వేదం లో 1-33-8 మంత్రంలో ఇలా ఉన్నది

> "చక్రానసః పరిణాహం పృథివ్యా"
> భూమి యొక్క వృత్తపు అంచున ఉన్నవారు అని భావం

ఆర్యభట్టు క్రీ.శ. 476 నాటి వాడు ఇతను "భూగోళ : సర్వతో వృత్తః " అని ఆర్యభట్టీయం అనే గ్రంథంలో గోళపాద అనే అధ్యాయంలో 6 వ శ్లోకంలో చెప్పారు. అంటే భూమి వృత్తాకారం లో అన్ని వైపులా ఉంది అని అర్థం.

2) గురుత్వాకర్షణ సిద్ధాంతం (Law of Gravitation) కనుగొన్నది న్యూటనా?

ఇది పూర్తిగా అసత్యం. ఎందుకంటే ప్రాచీన భారతీయ గ్రంథాల నిండా గురుత్వాకర్షణ సిద్ధాంతం గురించి ఉంది.

1. సూర్య సిద్ధాంతం అనే గ్రంథంలో ఇలా చెప్పబడినది "ధారణాత్మక శక్తి కారణంగా భూమి ఆకాశంలో పడిపోకుండా నిలపడుతున్నది (సూ.సి 12 అ -. 32 శ్లో:)

> శ్లో!! మధ్యే సమస్తా దణ్డోన్య భూగోళో వ్యోమ్ని తిష్ఠతి !
> బిభ్రణః పరమాం శక్తిమ్ బ్రహ్మణో ధారణాత్మికామ్ !!

2. వరాహమిహిరుడు (క్రీ.శ 505) తన 'పంచ సిద్ధాంతి' అనే గ్రంథంలో గురుత్వాకర్షణ గురించి "భూతలంలోని ఏ భాగంలో అయినా అన్ని జ్వాలలు పైకి ఎగుస్తాయి. పైకి వేసిన వస్తువు క్రింద పడుతుంది" అని అంటారు. (సూ.సి 13 అ -. 4 శ్లో:)

> శ్లో!! గగనము సైతి శిఖి శిఖా క్లిష్టమసి క్షేత్రముపైతి గురించిత్ !
> యద్విదాహ మాననానాం అసురాణాం తద్వదేవాజ్ఞః !!

3) కాంతి వేగమును ఎవరు లెక్కించారు ?

పాశ్చాత్య ప్రపంచం కాంతి వేగాన్ని క్రీ.శ. 1675 లో 'రోమర్' అనే ఘనుడు లెక్కించాడు అంటుంది ఇందులో నిజం లేదు.

14 వ శతాబ్దంలో సాయణాచార్యులు ఋగ్వేద శ్లోకానికి (1.50.4 - ఋగ్వేదం) భాష్యంగా కాంతి వేగాన్ని వర్ణిస్తూ ఒక శ్లోకం రాసాడు

"యోజనానాం సహస్రం ద్వేద్వేశతే ద్వేచ యోజనే ! ఏహేన నిమిషార్దేన క్రమమాణ నమోస్తులే!!

అనగా అర నిమిషానికి 2202 యోజనాల దూరం ప్రయాణించు ఓ కాంతి కిరణం నీకు నమస్కరము అని భావం. ఇక్కడ 1 యోజనము = 9 మైళ్ళు 160 గజాలు ఇది 9.11 మైళ్ళకు సమానం

భారతీయ కాల గమనం ప్రకారం 1 పగలు, రాత్రి = 810000 అర్ధ నిముషాలు అనగా 1 సెకనుకు 8.75 అర్ధ నిముషాలు కనుక ప్రతి అర నిమిషమునకు 2202 X 9.11 = 20060.22 మైళ్లు ప్రతి సెకనుకు.
ఇది ఆధునికులు కనుగొన్న కాంతి వేగానికి దాదాపు సమీపంగా ఉన్నది. పైన సాయణాచార్యులు చెప్పిన విషయాన్ని 1890 లో మాక్స్ ముల్లర్ సంకలనం చేసిన ఋగ్వేదం అనే ఆంగ్ల గ్రంథంలో కూడా ప్రస్తావించబడినది

4) బ్ర'హ్మాండం' (సున్నా) మనదే
ప్రపంచ రూపు రేఖలను మార్చిన 'సున్నా'ను కనుగొన్నది మన ఆర్యభట్టు గారే

Albert Einstein said - " We owe a lot to the Indians, who taught us how to count".

5) తక్షశిల, నలంద విశ్వవిద్యాలయాలు
ఇప్పటి వరకు ప్రపంచ చరిత్రలో అత్యంత పురాతనమైనది, అత్యంత ప్రాముఖ్యమైనది "తక్షశిల" విశ్వ విద్యాలయం 700 B.C. లో ఉజ్వల జాజ్యల్వ మానంగా వర్ధిల్లింది. అప్పట్లో పదివేల మంది విద్యార్థులు ఉండేవారట, ప్రతి విద్యార్థి సగటున 8 సంవత్సరాలు విద్యాభ్యాసం చేసేవారని. 68 రకాల రంగాల్లో విద్యాబోధన ఉండేదని చరిత్ర కారులు తెలిపారు. చాణక్యుడు, పాణిని, జీవకుడు, విష్ణుశర్మ వంటి మహా మేధావులు ఇక్కడే విద్యను అభ్యసించారు. దేశ విదేశాల నుండి ఇక్కడకు వచ్చి విద్యను అభ్యసించేవారు. చైనా పండితుడైన హ్యూయాన్ సంగ్ (Hieun Tsang) నలంద విశ్వవిద్యాలయం లో విద్యాభ్యాసం చేసి, విద్యాలయం యొక్క గొప్పతనానికి ముగ్గుడై అక్కడే ఆచార్యులు (ప్రొఫెసర్) గా సేవలందించారట. చివరకు క్రీ.శ. 1194 లో భక్తియార్ ఖిల్జీ నలంద విశ్వవిద్యాలయం పై దండయాత్ర చేసి అగ్నికి ఆహుతి చేసాడు. నలంద విశ్వవిద్యాలయం లోని లైబ్రరీ లో ఉన్న విలువైన పుస్తక సంపద అగ్నికి ఆహుతి కావడానికి ఏకధాటిగా 2 నెలల సమయం పట్టిందని చరిత్రకారులు తెలిపారు.

మెకాలే కుతంత్రం

2 ఫిబ్రవరి 1835 సంవత్సరంలో రికార్డయిన మినిట్స్ ద్వారా వెలుగులోకి వచ్చిన మెకాలే దుర్బుద్ధిని తెలుసుకుందాం.

"నేననుకునేదేమంటే మనకు ఉన్న తక్కువ వనరులలో/ అవకాశాలతో ఇంత పెద్ద దేశాన్ని విద్యావంతులను చేయటం కష్టం. మనకు కావలసినదంత మనకు మన పాలితులకు మధ్య వారధిగా నిలిచే, ఆంగ్ల భావజాలం అభిమానిస్తూ, ఆంగ్ల మేధస్సును అనుకరిస్తూ, ఆంగ్లేయతను అభిమానించే, అభినయించే భారతీయ రంగు, రక్తం కలిగిన మరమనుషులని తయారుచేయటం.

LORD MACAULAY'S ADDRESS TO THE BRITISH PARLIAMENT 2 FEBRUARY, 1835

"I have travelled across the length and breadth of India and I have not seen one person who is a beggar, who is a thief. such wealth I have seen in this country, such high moral values, people of such caliber, that I do not think we would ever conquer this country, unless we break the very backbone of this nation, which is her spiritual and cultural heritage, and, therefore, I propose that we replace her old and ancient education system, her culture, for if the Indians think that all that is foreign and English is good and greater than their own, they will lose their selfesteem, their native culture and they will become what we want them, a truly dominated nation."

చివరిగా "నేటి ఖగోళ శాస్త్రం, జ్యోతిష్యం, తత్వ శాస్త్రం, తర్క శాస్త్రాలు మొదలగు విజ్ఞాన సర్వస్వం గంగా నది ఒడ్డు నుండి మనకు సంప్రాప్తించినది అని నేను సంపూర్ణంగా విశ్వసిస్తున్నాను. కనీసం 2500 ఏళ్ల క్రితం, పైథాగరస్, గ్రీకులోని సామోస్ అనే ప్రాంతం నుండి గంగా ఒడ్డు కు వెళ్లి రేఖా గణితాన్ని (Geometry) అభ్యసించాడు.

- ఫ్రెంచ్ దేశపు అతిగొప్ప రచయిత, తత్వవేత్త

నాకు తెలుసు నా తల్లి మహోన్నత్వాన్ని, అపారమైన విజ్ఞాన భాండాగారాన్ని సిరిసంపదల గురించి మాట్లాడటం కేవలం నా యొక్క బాలానందం మాత్రమే

సర్వేజనా సుఖినోభవంతు
గట్టిగా గర్వంగా చెప్పు
"నేను భారతీయుడను"

బెట్టింగ్

~ కె. సుభాషిణి అసోసియేట్ ప్రొఫెసర్, గణితశాస్త్రం

తండ్రి కంటే జానెడు ఎత్తు ఎక్కువ వుండే కొడుకు మీద ఏ తండ్రి అయినా చెయ్యి చేసుకోగలడా?

కోపాన్ని దిగమింగుకోడం తప్ప ఏం జేయగలడు ? యిప్పుడు నీ తండ్రి చేస్తుండేది కూడా అదేరా నాయనా! ఎన్ని ఆశలతో నిన్ను చదివిస్తున్నామరా ... మా కండ్లని కరగదీసుకుంటూ నిన్ను సదివిస్తాండాం కదరా .... ఎందుకు ? ఈ ఒక్క సంవత్సరం అయిపోతే నీ సదువు అయిపోతాది, నువ్వు ఇంజనీర్ అయి మమ్మల్ని గడ్డన పడేస్తావని గంపెడంత ఆశతో వుంటిమి కదప్పా! ఏం ఆశలో ఏమోరా నాయన? రైతు ఆశలు తీరింది ఎన్నడు? మీ కాలేజోళ్ళు ఫోన్ చేసిన కాన్నుండి గొంతులోకి మెతుకు మింగుడు పడ్డం లేదురా నాయనా... కంటిమీదకు కునుకు అనేది లేకుండా అయ్యింది. పని జేసుకోడానికి కాళ్ళు , చేతులు ఆడటం లేదురా తండ్రి! నువ్వేం భయపడమాకు... నా ఊపిరి ఏం ఆగిపోదు... రైతు పానాలు అంత తొందరగా పోవు.

తిట్టి కొట్టే వయసు కాదు కదరా నీది. మంచి చెడ్డ తెలుసుకునే వయసులో వున్నావు. ఎవరి కొడుకువప్పా నువ్వు? మీ నాయన రైతు అన్న విషయం మనసుకు వుందంటావా ? నేను గుర్తు చేయాల్నేమిరా ? ఎట్లాంటి రైతు కొడుకువో నీకు ఎరుక లేకపోతే ఎట్లరా ? సంవత్సరానికి మూడు పంటలు పండే రైతు యిండ్లలో పుట్టి పెట్టిన మహారాజువా నువ్వ ఎమన్నా ? సంవత్సరం పొడిగీత , యింటి నిండా మూటలు మూటలు ధాన్యంతో మూలిగే యింట్లో పారాడినోనివి కాదు కద నువ్వు ? గంజి పెట్టి ఇస్త్రీ చేసిన తెల్లబట్టలు కట్టుకొని , మోటారు సైకిల్ ఎక్కి ఝూమ్మని టొన్కు రేయింబగలు తిరిగే తండ్రా నీ తండ్రి ఏమన్నా? జేబునిండా రూపాయి నోట్లతో, రెండు వేళ్ళతో నోట్లను యిసిరి పారేసే అంత శక్తి వున్న పెద్ద ఆసామి కొడుకువ కాదురా నువ్వ. రోంత భూమి మీద నిల్చి కిందకు జూసుకుంటా నడ్సురా నాయనా ! ఓ తూరి మనింటిని జ్ఞాపకం చేసుకోప్పా..! పదును అయ్యే వాన పడితే ...అమ్మయ్య!.. ఈ ఏడాది బోరు ఏసే అవసరం లేదు. బోరు కోసం కొత్త అప్పు జేయ్యకుండా గడ్చిపోతుంది అని సంబరపడే రైతునురా నేను. మూడెండ్లకు ఒక తూరి పంట పండితేనే మహా భాగ్యం అని మురిసిపోయేంత అల్ప సంతోషంతో బతుకుతున్న బక్క రైతునురా నేను.

మన స్తోమత ఏందో , మన యింటి పరిస్థితి ఏందో నీకు గుర్తు జేయాల్నా ? మీ అమ్మ, నేను పడే యిబ్బందులు ఏంటివో నీకు తెలియనివా ? నా శక్తికి మించిన పని అయినా నిన్ను ఇంజనీరింగ్చు దివిస్తాండేది ఎందుకురా ? ఈ రొంపిలో నువ్వు కూడా యిరుక్కుపోకూడదని , మాలెక్క మట్టి

పిసుక్కుంటా బతక్కూడదని కదా ఈ తాపత్రయం అంతా ! నీకోసం ఎం చేస్తాండామో నీ కండ్లకు కనిపించలేదా ? నీ మనసుకు ఎప్పుడు తట్టలేదా ? మీ అమ్మ కష్టాన్ని ఎన్నాడయినా తల్చుకున్నావా? తల్చుకుంటే యిట్లాంటి పని ఎట్ల జేస్తావురా ? మీ కాలేజి వాళ్ళు ఫోన్ చేసి మీ వాడు యిట్లా అని చెప్తాంటే నాకు ఎట్లుంటుందిరా...! అది విని అరాయించుకునే శక్తి అప్పులతో బతికే ఈ రైతుకు యాన్నుండి వస్తాదనుకున్నావు? అసలు మీ అమ్మతో నువ్వు చేసిన నిర్వాకం గురించి ఎట్ల చెప్పేది ? నీకోసం తన రక్తాన్ని చెమటగా మార్చి సర్వం నీకే అందించే మీ అమ్మకు నీ కొడుకు కాలేజిలో ఎంత గొప్ప ఘనకార్యం చేసాడో అని చెప్తే ... ఆ ఏడిమొగం దానికి తట్టుకునే శక్తి వుందనే అనుకున్నావా?

మీ కాలేజి నుండి ఫోన్ వచ్చి మూడు రోజులు అయ్యింది . యింట్లో మొగం సూపీకుండా తిరుగుతాండా ! గుండెకాయ ఎవరో పిసుకుతాన్యట్లు వుంది. గుండెల్లో అగ్నిపర్వతం రగులుతాంది. అది పగుల్తాదో ల్యాకుంటే యింకేమన్నా అయితాదో నాకు తెలీదంల్యా. అయినా చిత్రంగా అన్నం తింటానే వుండా . కండ్ల రెప్పలు మూత పడింటే వొట్టు. కండ్లు చింత నిప్పులు మాదిరిగా మండుతుండాయి. గుండె మాత్రం ఆగిపోలేదు... అంత గట్టి గుండెకాయరా   నీ తండ్రిది . రైతురా ..అనంతపురం రైతురా నీ తండ్రి. ఎన్ని జూసినామో! ఎన్ని అనుభవించినామో! నువ్వు గూడా కొన్ని అయినా జూసింటావు . మా నాయన ,మాయబ్బ పడిండే అగసాట్లు నేను జూసినా . యిన్ని రాగి గింజల కోసం నాలుగు మిరపకాయల కోసం మాయమ్మ ఎన్ని యిండ్ల గడపలు ఎక్కి దిగేదో నేను మర్సిపోలేనురా ? యిదొందల అప్పు గట్టలేక మా నాయన ఎంత సతమతమయినాడో నాకు యిప్పటికి కళ్ళ ముందు కదులుతానే వుంది. నులక మంచం మీద పండుకొని మొగానికి తువ్వాలు కప్పుకొని మా నాయన ఏడ్చిన ఏడుపు యిప్పటికి నాకు యిన్పిస్తానే వుండాది. ఆ ఏడుపు సుడల్యాక మా యమ్మ తన చెవుల్లోని కమ్మలు తీసి మా నాయన చేతిలో పెడ్తే ...మీ పుట్టింటోళ్ళు పెట్టిండేది మొత్తం కరగదిస్తిని గదే అంటూ మా యమ్మ మొగం జూడల్యాక తల పైకి కూడా ఎత్తలేకపోయ ఆ పొద్దు. అవి యిడిపీడానికి మా నాయన కాడ ఉసే దొరకలేదు. కడాకు చెవుల్లో కమ్మలు ల్యాకుండానే సచ్చిపోయ మాయమ్మ. అ పొద్దు మా నాయనను మా అక్కోళ్ళు ఎన్ని తిట్లు తిట్టినారోలే! కోటను ఏలిండే కులం అని కోతలు కోచ్చంటావే.! యాపొద్దయినా మాయమ్మను సుఖపెట్టినావా? బిడ్డలమే మేము అవసరం వచ్చి నాయనా అని చెయ్య సాపితే యానాడయినా చేతిలో యింత పెట్టి మమ్మల్ని సంతోషంగా అంపినావా ? బతకనియ్యరబ్బ ఈ ఆడిపిల్లోళ్ళు .. అంతా మీకు వూడ్చిపెట్టి పిల్లోని నోట్లో మట్టి పోయాల్నా అంటాంటివే.. యిప్పుడు మాయమ్మ నోట్లో గూడా మన్నే పోయ్యి. అంతకు మించి నీ కాడ ఏముంది?   ఎప్పుడూ అప్పులూ ఖర్చులే..మా యమ్మ దగ్గరుండే ఆయింత బంగారాన్ని గూడా వుడబెరుక్కొని కుదవ బెడ్తివి. మళ్ళా యిడిపీడానికి నీకు గతిల్యా. మా యమ్ముది యిది అని చెప్పుకోడానికి కూడా ఎం ల్యాకుండ జేస్తివి. ధూ ! ఎంత ఏడ్చిన ఈ బతుకులు యింతే ! యా కొంపలో జూసినా యిదే రామాయణం. మా అక్కోళ్ళు తల్లి కోసం ఏడుస్తాండారో ల్యాకపోతే తమ బతుకులను తలుచుకొని ఏడుస్తాండారో అ రోజు నాకు అర్థం కాలేదురా తండ్రి ! మూడు

సంవత్సరాలకు ఒక తూరి కూతుర్లకు యింత చీర రయిక పెట్టడానికి మా యమ్మ ఎన్ని అగసాట్లు పడేదో పిచ్చితల్లి!

కుదవపెట్టడాలు, అమ్ముడాలు మనకు కొత్త కాదు. ఈ తిప్పలు అనంతపురం కోటను ఏలిండే రాజులకే తప్పలేదు. వాళ్ళు రాజులు. కష్టం జేయ్యడం అనేది వాళ్ళ రక్తంలోనే వుండదు. జల్సాలు జేస్తారు. చెడు అలవాట్లు ఎక్కువే. యాడుండే లెక్కలు చాలవు వాళ్ళకు. ఖర్చులేమో పెదిన్ని. రాబడి పెద్దగా వుండేది కాదు మన వైపు పంటలు యానాడు సరిగ్గా పండినాయని రాబడి ఉండడానికి. పన్నులయితే కట్టాల్సిందే . యాన్నుండి వస్తాయి రూకలు. అప్పు చేయాల్సిందే. అంత అప్పు పుట్టదు. పన్ను కట్టకుంటే గుత్తి సుభేదార్ వూరుకుంటాడా ? కోటకు బీగాలు ఏసి అనంతపురం కోటను ఏలిండే రాజును తీస్కపోయి జైల్లో పెట్టినారంట. మంచం ఎంతుంటే అంత కాళ్ళు చాపుకునే రకాలా ఆ రాజులు ఏమన్నా! ఒక రూపాయి వస్తే పది రూపాయలు ఖర్చు చేసే రకం . చివరకు ఏమయ్యింది.. జైల్లో కూచోని చిప్పకూడు తింటా దిక్కులేని సావు చచ్చిరి.

యిట్లా చెప్పుకుంటూ పోతే కథ శానా వుందిలే. నీకు కూడా అ జాడే పడినట్టుంది. ల్యాకపోతే ఏందిరా ? సదువుకోమ్మని అంపిస్తే అడికి పోయ్యి నువ్వు ఎలాగబెట్టిందేది ఏందిరా? చదువును పక్కన పెట్టి ఆ బెట్టింగులు ఏందిరా దరిద్రం కాకపోతే ! ఆ నాకొడుకులు ఎవ్వరో బెట్టింగులు కడ్తంటే నువ్వేందుకు దూరినావురా ఆ రొ'పిలోకి? నీ క్రికెట్ పిచ్చికి యింత అగ్గివెట్ట! తలకాయలోకి ఎట్లాంటి విషపురుగును ఎక్కిచ్చుకున్యావురా ? యాడయినా , వుద్దరకు రాత్రికి రాత్రికి లెక్కలు వచ్చి చేతుల్లో పడ్తాయా ? నిమిషాలలో రూపాయికి పది రూపాయిలు సంపాయించొచ్చు ..జల్సాలు చేయొచ్చు.. అనుభవించొచ్చు.. పైలా పచ్చీసుగా తిరగొచ్చు అనుకున్నావేమో ! బొక్కబోర్ల పడి దుమ్ము నాక్కొని పోతావ్. అంతే!

ఓరేయ ! జూదంలో ఆడి , గెలిచి బాగుపడినట్లు యింతవరకు దాఖలాలు లేవు. లక్షలల్లో ఎవడికో ఒకడికి అది ఎప్పుడో ఒక్కసారి జరుగుతాది. అందరికి , దిన్నుమూ యాడయినా జరుగుతుందా ? ఎన్నడన్నా యిన్యామా? గెలిచినోడు వచ్చింది వచ్చినట్లు జెల్సాలు చేసి పాపర్ పడ్తాడు. ఓడిపోయినోడు ఉన్నదంతా పోగొట్టుకొని నెత్తిన గుడ్డ ఏసుకొని పోతాడు. క్లబ్బులు నడిపేటోళ్ళు యాడయినా యిస్పేట్ ఆ కులు ఆడిందేది చూసినావురా?ఆడితే క్లబ్బు నడపలేదు. వాడు ఆడడు.. జనాలను ఆడేట్టుగా చేస్తాడు. ఈ చిన్న విషయం అర్థం చేసులోలేక సంసారాలను నాశనం చేసేసుకుంటాండారు.

నెలనెల అంపిచ్చే డబ్బులు సాలవు నీకు ! జిరాక్స్ చేపిచ్చుకోవాలంటావు ...ప్రింట్లు తిసుకోవాలంటావు... పుస్తకాలు కొనాలంటావు.. అది కాకపోతే పరీక్ష ఫిజులంటావు... యిట్లాటివి ఏంటివేంటివో నోటికొచ్చిన అబద్దాలల్ల చెప్పుకుంటా మా కాడ డబ్బులు తీస్కపోతివి. సరే తిస్కపోయినావు... బానే వుంది. ఏమన్నా ఉపయోగం వచ్చిండే పని చెసినావా?శభాష్ కొడకా అని అనేట్లు చేయలేదురా నువ్వ . అట్లా చేసింటే ఈ ఏడుపు అంతా ఎందుకు వుంటాది. ఆ లెక్కంతా తీస్కపోయి క్రికెట్ బెట్టింగులల్లో పెట్టినావే? మా దగ్గర మాయ మాటలు చెప్పడానికి నీకు నోరు ఎట్ల వచ్చిందిరా? ఎంత డబ్బులు గుంజకపోతివిరా !అంతా నాశనం చేస్తివి కదరా!

మేము మజ్జిగతో తిని నీకు గడ్డ పెరుగు పెట్టి పెంచినామురా నిన్ను. పాలు , నెయ్యి అమ్మి కూడబెట్టిన డబ్బులతో నీకు నెలనెల అంపిస్తే , తిని బలిసి యింత పని జేస్తావా? ల్యాప్ టాప్ లేకపోతే ఇంజనీరింగ్ చదవలేను కానేకావల్ల అని మమ్మల్ని నిమ్మళం పన్నీకపోతివి. మీ అమ్మ చచ్చిచెడి , ఆ పొదుపుగ్రూపుల దగ్గర అప్పు తెచ్చి కదరా నీకు ల్యాప్ టాప్ కొనిచ్చిండేది. దాన్ని కుదవ పెడతావా ? కుదవ పెట్టిన డబ్బులతో బెట్టింగ్ ఆడతావా?అట్లా పని చేయడానికి నీకు మనసు ఎట్లా వచ్చిందిరా ? మీ అమ్మ చెమటను , రక్తాన్ని అమ్మినంత పని జేసినావు కదరా?

అ క్రికెట్ ఆడేటోళ్ళకు కోట్లు కోట్లు డబ్బులు వచ్చి పడ్తాంటాయి. అ బెట్టింగులు నడిపేటోళ్ళకు చేతి నిండా లెక్కలే. ఆడేటోళ్ళకు, నడిపేటోళ్ళకు యాదో లింక్ వుండే వున్నింటుంది. యింక మీలాంటి తిక్కనాకొడుకులు వుంటే వాళ్ళకు డబ్బులకు కొదవ ఏముంటాది? మీరు బెట్టింగులు ఆడటానికి వాళ్ళే అప్పులు యిస్తారు. మీ సామ్లాను వాళ్ళే కొదవ బెట్టుకుంటారు. వడ్డీలు వసూలు చేస్తారు. రూపాయి, రెండు రూపాయల వడ్డీ కూడా కాదు. పది రూపాయలంటనే. ఎక్కడ కని విని ఎరగము... ఎప్పుడు కట్టాలరా అంత వడ్డీ ? మామూలు మనుషులెవ్వరు అంత వడ్డీ ఎన్నటికి కట్టలేరు... యింక మీరేం కడ్తారు.. మీ సామ్లాను ఎప్పుడు యిడిపిచ్చుకుంటారు ? అది అయ్యే పనేనా? నాలుగు దినాలు చూసి వాళ్ళే అమ్మేసుకుంటారు. రూపాయి వస్తువును పైసాకు అమ్మేసే రకంరా మీ పిల్ల నాకొడుకులు. ఎంత తెలివి ల్యాకుండా, మర్యాద అనేది యిసుమంత కూడా లేకుండా బతికేస్తున్నారు కదరా !

మీ కాలేజిలో నువ్వు చెసిండె నిర్వాకం గురించి , నీ చదువు గురించి మీ సారోళ్ళు చెప్తాంటే ఛీ.. నీ మొగాన వుమ్మెయలనిపిస్తాందిరా ! ఆడపిల్లోల్ల దగ్గర కూడా అప్పులు జేస్తాండారంట కదరా ! ఏవేవో మాయమాటలు చెప్పి వాళ్ళ కమ్మలు , ఉంగరాలు కూడా యిప్పిచ్చుకుంటారంటనే ! నిజమేనా ? నిజమే అయ్యుంటాదిలే... ల్యాకపోతే వాళ్ళు ఎందుకు చెప్తారు ? మిమ్మల్ని ఆ ఆడపిల్లోల్లు ఎట్ల నమ్మి యిస్తాందారురా ? ఏదో అయిదు పది కాదు... ఏకంగా చేవులల్లోటివి , ముక్కలల్లోటివి , చేతులల్లోటివి తీసి మీ చేతుల్లో ఎట్ల పెడతాండారురా ? అంత తెలివి ల్యాకుండా వుండారా కాలేజిలల్లో చదివే ఆడపిల్లోల్లు..! అయినా నమ్మిండె ఆడపిల్లోల్లను మోసం చేయడానికి నీకు మనసు ఎట్ల వచ్చిందిరా ? అట్లా మోసం చేసి బతికే బతుకు కూడా ఒక బతుకేనా ? యింతమందిని గోడాడించి , ఏడ్పించి , మోసం చేసి ఏం బాపుకుంటారురా ?

ఇవల్లా ఒక ఎత్తు. రేప్పొద్దున పోలీసోల్లు నిన్ను అరెస్టు చేసి జైల్లోకి ఏస్తే ఏం పరిస్థితి? ఊర్లో మేము తలకాయ ఎత్తుకొని ఎట్ల తిరగాలా? అన్న యిట్లా పోరంబోకోడు అని తెలిస్తే నీ చెల్లెల్ని ఎవరు పెండ్లి చేసుకుంటారు? పెండ్లికొడుకులు యింక కొండ ఎక్కి కూచుంటారు. చెల్లెలుకు పెండ్లి దగ్గరుండి చేయాల్సినోనివి , దానికి పెండ్లి కాకుండా వుండేందుకే పుట్టినట్లుండావు కదరా ! నీకు యాదో ఒకటి వుద్యోగం వస్తాది , యింటికి యింత ఆసరాగా వుంటావు.. చెల్లెలి పెండ్లికి సాయంగా వుంటావు అని నేను , మీ అమ్మ అనుకంటిమే ! హు..అనుకున్నన్నీ ఏట్లో కలిసిపాయ! మేము ముందే జాగ్రత్త పడాల్సింది.. నువ్వు అడిగినప్పుడంతా డబ్బులు యియ్యకుండా వుండాల్సింది. ఏం జేస్తాం శని నీ రూపంలోనే వచ్చి మా నెత్తిన కూచున్నప్పుడు. ఇంటిని గాలికి వదిలేసి జల్సాలు మరిగిన కొడుకును నేను యింక ఎంత మాత్రం మోయలేనురా ! మోసి నీ చెల్లెలికి నా చేతులతోనే అన్యాయం చేయలేను.. నీ లాగా మీ అమ్మను నేను మోసం చేయలేను .. వాస్తవం జెప్తాను..ఏ తండ్రి మాత్రం నీలాంటి కొడుకును భరించగలడు? నీ చావు నువ్వు చావు.. మా అగచాట్లు యావో మేం పడతాం. ఎన్నటికైనా మా బతుకులు బాగ పడకపోతాయా ? దేవునికి మా మీద దయ కలగకపోతదా అని దేవుని మీద భారం వేసి బతుకుతున్న వాళ్ళం...అయినా ఎన్నుకొని ఏం లాభం! కని పెంచితిమి... మాకళ్ళ ముందే తిరిగేతోనివి..నీకే దయ ల్యాకపోతే, కనబడని ఆ దేవునికి మామీద దయ కలుగుతాదా మా తిక్క కాకపోతే! ఏడ్చిన ఏడుపే ఎంతకాలం ఎడుస్తాముర ?

ఎక్కడైనా కొడుకనే వాడు తండ్రి భారాన్ని దింఛగలిగేట్లు వుండాలిరా.. తండ్రినే నడ్డి యిరగగొట్టె కొడుకును ఎ తండ్రైనా భరిస్తాడురా ? నా లాంటి బక్క రైతుకు అయితే ఎంత మాత్రం సాధ్యం కాదురా.. ఎన్నిటికో తట్టుకున్నాము . యిది కూడా ఒకటి అనుకంటాము.. మాలాంటి తల్లితండ్రులు ఎంతమందో ! కష్టపడితే సుఖపడతారు అంటారు. తరతరాలుగా యింటానే వుండాము.. కష్టపడతానే వుండాము. సుఖపడింది మాత్రం ఎన్నడూ లేదు. కష్టాలు మావే.. త్యాగాలు మావే ..మోసపోవాటాలకు కూడా మా రైతులే దొరుకుతారు , అది మన వైపు ఊర్ల రైతులే దొరుకుతున్నారు. మన రైతులు దుమ్ము నాక్కొని పోతున్నారు. ఎంత కాలంరా యిట్లా? బయటోడు మోసం జేసింటేనే కదా మా తాతల కాలం నుండి బయట పడల్యాక యిట్లా అంగలారుస్తాండాం. యింక యింట్లో వాడు కూడా తయారయ్యి గొంతులు కోస్తాంటే ఏం చెయ్యాల? ఎవరికి చెప్పుకోవాలా? మీరేదో వచ్చి మమ్మల్ని వుద్ధరిస్తారనుకుంటే..మీరు కూడా వాళ్ళల్లో ఒకరు అయిపోతాంటే యింక మా గోడు అర్థం చేసుకునే వాళ్ళు ఎవరురా ? నీకు ఎట్ల చెప్తే అర్థం అయితాది? నాలాంటి వానాకాలం సదవర్లు సుద్దులు చెబితే మీ తలకాయలల్లోకి ఎక్కవు కదరా.. ఎవరు చెప్తే అర్థం చేసుకుంటారురా? ఎప్పుడు చేసుకుంటారురా? ఏమోరా నాయనా మా అదృష్టం నీ దయ. నేను బతికి వుండగానే నువ్వు బాగుపడితే మాకు అంత కంటే ఎం కావాలి.

వర్షం

~ శ్రీకాంత్ కరణం, II CE

వాగులు,వంకలు పొర్లుతున్నా
చెరువులు, డ్యాములు జలకళ సంతరించుకున్నా
ఆగని ఆ వర్షం.

ప్రకృతిలో భాగమై
ప్రకృతి అందాల సిరివన్నెలు దాగి,
సాగసులో స్థిర భాగమై,
కురుస్తూ,
మెరుస్తూ,
నింపుతూ,నిండుతూ
ముంచుతూ, తెల్పుతూ
నడుస్తున్న
ఆ ప్రకృతి అందాల సిరికి (వర్షానికి) స్వాగతం.

నిత్యం కన్నీటితో తడిచే కర్షకుని కంటిని,
తొలకరి జల్లులతో తొలి ఆనందం
నాకు గుర్తువస్తున్నాయి ఆ రోజులు ..!
ఉరుములు శబ్దానికి బయపడి,
మెరుపులకి అబ్బురపడి,
గాలి వేగానికి జంకిన
        ఆ రోజులే..!!

ఆ వానలో
ఆ ఎండలో
ఇంద్రధనస్సుని చూసి
పరుగెత్తిన రోజులు
మిత్రబృందానికి నేనె చెప్పాలి కదా!

జారుతూ...
పడుతూ... లేస్తూ...
పడవలు వదులుతూ..
కృష్ణా గారి సూదికి జిక్కిన రోజులు
గుర్తోస్తున్నాయి
ఆ రోజులే మేలు.

**వర్షం కరువైంది,
    తక్కువైంది.
ఐనా నేనో పంట వేసాను
వర్షాధారం కాదు
కన్నీటిదారం
అదే జీవితం..!!**
గుర్తోస్తున్నాయి
ఆ రోజులే మేలు.
చలి చలిగా
గాలి తాకిడికి
బిగుసుకున్న ఆ రోజులే.!

నాతో వర్షం ఇలా....
మిత్రమా!
వస్తే చాలు అని,
రాలేదు అంటే రావాలి అని
మీ ఆనందానికి
నేనో అవసరమా ??అని

నా సమాధానం..
కాదు ప్రాణమా!
అది లోపించిన గుణం
స్వాగతించని గుండెకుండే గుణం..!!

Don't blame the rain,
When If it is high or low,
That is it's independence..

హనుమ చరితం

~ హర్ష నందిని, III CSE

రవి! పండనుకొని వచ్చే!!
వజ్రాయుధం తాకి మూర్చ వచ్చే!!
రామ చరితము కిష్కింధకు తెచ్చే!!
రామసుగ్రీవులకు బంధం ఏర్పరచే!!
సీతమ్మ జాడను కనుగొని వచ్చే!!
తోక జోలికొస్తే లేపెను పెను చిచ్చే!!
లక్ష్మణున కోసం సంజీవినిన్ తెచ్చే..!!
సకల దేవతలనుండి వరములొచ్చే!!
ఎన్ని ఉన్నా రాముడంటే పిచ్చే!!!

సమయం

~ చింతా ధరణి, II CSBS

కొందరి విజయానికి సహకరిస్తుంది.
కొందరి ఓటమికి కారణమవుతుంది
ఉపయోగించుకుంటే - విజేత అవుతారు .
నిర్లక్ష్యం చేస్తే పాఠాలు నేర్చుకుంటారు.
ముందు పరీక్ష పెట్టి, నిరంతరం హెచ్చరిస్తూ
ఉండే శ్రేయోభిలాషిగా విలువైనది.
కాని వెలకట్టలేనిది ఎవరి కోసం ఆగదు
తరువాత పాఠాలు నేర్పే సహజ గురువు
అందరికి అందుబాటులో ఉండే స్నేహితుడు.
తనతో పోటి పడితే కాని జీవితం మందుకు సాగదు
ఓ సమయమా ..
అందుకో ఈ చిరు అభినందనలు

ప్రేమిద్దాం....

~ శ్రీకాంత్ కరణం, II CE

సీతాకోకచిలుక

రంగురంగుల సీతాకోకచిలుక
మా ఇంట్లోకి వచ్చింది.
కూర్చిలో కూర్చున్న నా కుర్చీపై వాలింది.

మనస్సు మెదిలింది ప్రేమించమని,
మెదడు బదులిచ్చింది పట్టుకోమని.

మనస్సుని అడిగా
        ప్రేమించి పట్టుకోమంది,
మెదడుని బతిమాలా
        పట్టుకొని ప్రేమించమంది,
ఆత్మని అర్థించా
        ప్రేమించి వదిలేయమంది,
నన్ను నేనుగా అన్వేషించా
జవాబువచ్చింది .!
ప్రకృతికి వదిలేసి ప్రేమించమని.
వీలైతే .!
ప్రేమిద్దాం!!
 ప్రకృతి రంగు పులుముకున్న సీతాకోకచిలుకే కదా .!!!

జి పుల్లారెడ్డి

పైకి పవరు, కొంత పొగరు, విగరు కలసిన ఫిగరు
లోన, 'పుల్లారెడ్డి నేతి మిఠాయి' లా... కరిగిపోయే మనసున్న మారాజు

వృధా అంటే విరుచుకుపడే వైనం
ఆకలి గొన్న ఇంకొకరికి అవసరం అవుతుందన్న నైజం

ధర్మ నిరతిలో తలమానికం
విశ్వహిందూకు ఆర్థికమూలం

ప్రాథమిక విద్యకు పరిమితమైన చదువు యొక్క ప్రేరణ
ఎన్నో ఉన్నత విద్యాలయాల స్థాపన

నీతీ నిజాయతీల వ్యాపారం
వెనుక ధర్మపత్ని ప్రోత్సాహం

ముక్కుసూటి వ్యవహారం
పట్టు పట్టొద్దు; పట్టిన పట్టు విడువద్దు అన్న చందం

రామజన్మ భూమి ఉద్యమ స్ఫూర్తి
సర్వ సమర్పణకు సిద్ధమైన మూర్తి

శాకాహారం, మితాహారం దైవభక్తి, దేశ భక్తి
 తరతరాలకు స్ఫూర్తి.......శ్రీ గుణంపల్లి పుల్లారెడ్డి

~ గుడిమెట్ట సురేష్ కుమార్
సహ ఆచార్యులు, యాంత్రిక శాస్త్ర విభాగము

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వైవిధ్యభరిత మిఠాయిల అంగడి

దేశ విదేశాలలోని ఆబాలగోపాలానికి 7 దశాబ్దాములకుపైగా రుచికి స్వచ్ఛతకు పేరుగాంచిన మా నేతి మిఠాయిలను అందిస్తూవస్తున్నాము. మీ ఆదరణ మరియు మీ విశ్వాసము మమ్ములను మరింత ముందుకు నడిపించగలరని విశ్వసిస్తున్నాము.

మధురమైన సాంప్రదాయం

జి. పుల్లారెడ్డి

స్వచ్ఛమైన నేతి మిఠాయిలు