



**COLLEGE OF ENGINEERING
(AUTONOMOUS)**



Annual

REVISTA

2024-25



**GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING
(Autonomous)**

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(Affiliated to JNTUK, Kakinada upto 2021-22)

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From the Editors...

Dear Reader,

I am very happy to bring out this magazine as its chief editor. It is amazing to see the creative contributions from students - articles, book-reviews, poetry, and artwork. A few faculty members have also contributed, adding more depth and variety to the magazine. This issue reflects the talent, creativity, and enthusiasm of our college community. I appreciate the efforts of the editorial team and everyone who contributed. I hope you will enjoy reading it as much as we enjoyed putting it together.

Happy Reading!

Dr. N. Vijaya Lakshmi
Editor-in-Chief

Dear Reader,

We are happy to be part of this magazine. Our team worked hard to design and compile it, and we learned a lot in the process. The wonderful contributions from both students and faculty showcase the creativity and talent in our college. This magazine is a platform to express ideas and inspire others. We thank everyone who contributed and supported us. We hope you all will enjoy reading it!

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From the Editors...

<i>The Open Page</i>	1-64
<i>Wings of Poetry</i>	65-76
<i>The Sketchbook</i>	77-90
<i>Placements Data (2024-25)</i>	91-92
<i>Annual Achievements (2024-25)</i>	93-98

<i>Title</i>	<i>Author</i>	<i>Inside the article</i>	<i>Pg.no</i>
<i>How Volunteering Shapes Your Character</i>	<i>S. Sai Sameer B.Tech 1st Year ECE</i>	<i>Want to grow? Volunteering builds skills, empathy, and real-world success.</i>	<i>1</i>
<i>Step Out - Join A Club, Find Your Tribe</i>	<i>P. Roshini B.Tech 3rd Year CSM</i>	<i>Lost on campus? Join clubs to make friends, gain confidence, and boost your résumé.</i>	<i>2</i>
<i>How Books Shape Thinking</i>	<i>Ch. Harshitha B.Tech 3rd Year CSM</i>	<i>Sharpen your mind—reading enhances critical thinking, empathy, and discipline.</i>	<i>3</i>
<i>Cricket: An Engineer's Perspective</i>	<i>S. S. P. Aasrith, M. Gautham B.Tech 3rd Year Mechanical</i>	<i>How does physics shape cricket? Uncover the science behind swing, spin, and bats.</i>	<i>4</i>
<i>Motivate yourself</i>	<i>S. Snehith B.Tech 1st year CSE</i>	<i>Why is student stress rising? See how parental and teacher support boosts success.</i>	<i>5</i>
<i>My Journey Through A Semester</i>	<i>K. Prakash B.Tech 1st Year ECE</i>	<i>College transforms you—new experiences, talents, and challenges fuel growth.</i>	<i>6</i>
<i>Self-Discipline: The Secret to Personal Growth</i>	<i>U. Anamika B.Tech 1st Year ECE</i>	<i>Struggling with goals? Self-discipline builds focus.</i>	<i>7</i>

<i>Title</i>	<i>Author</i>	<i>Inside the article</i>	<i>Pg.no</i>
<i>Study Smarter, Not Harder: Applying the 80/20 Rule for Student Success</i>	<i>Dr. Aparna Yerramilli Assistant Professor Department of Management Science</i>	<i>Overwhelmed with studies? Use the 80/20 Rule to study smarter and stress less.</i>	<i>8</i>
<i>How To Stay Motivated In Difficult Times</i>	<i>P. Madhu Shalini B.Tech 1st Year ECE</i>	<i>Struggling to focus? Learn how to stay motivated and overcome challenges.</i>	<i>11</i>
<i>When Passion Calls But Parents Decide</i>	<i>S. Jahnvi , Deepika Vyshavi B.Tech 3rd Yr Mechanical</i>	<i>Chasing dreams or following tradition? Find your own path to success.</i>	<i>12</i>
<i>Mental Health Matters</i>	<i>K. Gayatri B.Tech 4th Year CSD</i>	<i>Stressed and uncertain? Take control of your thoughts and well-being.</i>	<i>13</i>
<i>The Humble Titan</i>	<i>A. Sahasra B.Tech 1st Year ECE</i>	<i>Discover Ratan Tata's journey of leadership, innovation, and lasting impact.</i>	<i>14</i>
<i>The Future of Currency</i>	<i>Devisetty Sai Charan B.Tech 1st Year IT</i>	<i>The evolution of digital currency, origin of bitcoin and efficient alternatives to traditional money.</i>	<i>15</i>
<i>Navigating through Life after School: A Journey of Self Discovery</i>	<i>D. Ajay B.Tech 3rd year Mech</i>	<i>What's next after graduation? Embrace challenges, mistakes, and self-discovery.</i>	<i>16</i>
<i>Tips for Fresher's on navigating College Life</i>	<i>D Mohana Sai Sruthi B.Tech 4th year EEE</i>	<i>Drowning in deadlines? Learn to prioritize, avoid procrastination, and find balance.</i>	<i>18</i>
<i>Maintaining a Balance between Academics and Extracurricular Activities-</i>	<i>D. Samhita B.Tech 1st Year Civil</i>	<i>Studies vs. activities? Master both to boost skills, career, and growth.</i>	<i>20</i>

<i>Title</i>	<i>Author</i>	<i>Inside the article</i>	<i>Pg.no</i>
<i>The Exhilaration of Travel and Engineering Marvels</i>	<i>Jameel sheik , V. Love Kumar, B.Tech 3rd Year Mech</i>	<i>How does Mechanical Engineering innovate mobility and transform travel?</i>	<i>21</i>
<i>Several Visits to Sringeri Karnataka – My Observations</i>	<i>Dr. Ch S.S.S. Kumar Assistant Professor Department of Management Science.</i>	<i>Can community initiatives reshape education, healthcare, and the environment?</i>	<i>22</i>
<i>Book Review: The Alchemist by Paulo Coelho</i>	<i>K. Ruthvik, B.Tech 3rd Year MRB</i>	<i>Follow Santiago’s journey for treasure and the true meaning of purpose.</i>	<i>23</i>
<i>Education Thinkers and AI Humanitarian</i>	<i>Dr. K. Srikanth Assistant Professor Department of EEE</i>	<i>Can human thought keep up with AI? Explore its impact on philosophy and education.</i>	<i>24</i>
<i>The Art of Managing Habits</i>	<i>B. Rohith B.Tech 1st Year IT</i>	<i>Want lasting change? Learn how small habits shape a better future.</i>	<i>25</i>
<i>The Lion of Kargil: A Hero Who Must Not Be Forgotten</i>	<i>Ishwarya, Maneesha B. Tech 3rd Year, ECE</i>	<i>Who was Captain Anuj Nayyar? Discover his inspiring story of bravery and sacrifice.</i>	<i>26</i>
<i>Artificial Intelligence: A Revolution or a Resolution</i>	<i>M. Rithvik, Assistant Professor Department of CSE</i>	<i>Is AI revolutionizing industries or threatening jobs?</i>	<i>28</i>
<i>Will AI Take Our Jobs?</i>	<i>Subhankar Venkumahanti B.Tech 4th Year CSE</i>	<i>Will AI replace jobs or create new career opportunities?</i>	<i>30</i>
<i>Weird Cultures Of Ancient Andhra Pradesh</i>	<i>S.Vyshnavi B.Tech 1st Year MRB</i>	<i>Curious about Andhra’s past? Uncover its shocking rituals and divine tests.</i>	<i>31</i>



Title	Author	Inside the article	Pg.no
<i>Revolutionizing Mechanical Engineering</i>	<i>G.Hemanth Kumar , T. Dilip Kumar B.Tech 3rd Year Mechanical</i>	<i>How do design and simulation tools boost accuracy, cut costs, and drive innovation?</i>	<i>32</i>
<i>The Importance Of Cyber security And Its Implementation Challenges</i>	<i>Dr. Manchikanti Srinivas, Professor, Dept. of Civil Engineering</i>	<i>How can we secure our digital world? Explore key threats and protection strategies.</i>	<i>34</i>
<i>The Rise, Fall and Resurgence of Gautam Adani-</i>	<i>M.Tarani B.Tech 3rd Year ECE</i>	<i>From billionaire to crisis—Adani's journey and the business lessons it offers.</i>	<i>37</i>
<i>Review of Sam Altman's Article "Three Observations"</i>	<i>K. Sowmya B.Tech 1st Year Chemical</i>	<i>Will AGI reshape everything? Explore Sam Altman's vision for the future.</i>	<i>38</i>
<i>Embracing Failure: The Path to Growth and Success</i>	<i>R. S. Krish B.Tech 1st Year ECE</i>	<i>Can failure be your best teacher? Learn how setbacks fuel success.</i>	<i>39</i>
<i>India's Rise In. Geopolitics. A New Global Power.</i>	<i>Vaibhav Raj B.Tech 1st Year Civil</i>	<i>How is India shaping the world? Explore its rise in geopolitics and economy.</i>	<i>40</i>
<i>How Campus Life Helps us come Out of Our Comfort zone?</i>	<i>Pavani Sirivalya B.Tech 1st Year CSE</i>	<i>Stuck in a rut? See how campus life builds confidence and lasting memories.</i>	<i>42</i>
<i>Study Plan For Electrical And Electronic Students</i>	<i>M. Dhanu Sri, B. Sindhu B.Tech 3rd Year EEE</i>	<i>Engineering life—how each year shapes your career and growth.</i>	<i>44</i>

<i>Title</i>	<i>Author</i>	<i>Inside the article</i>	<i>Pg.no</i>
<i>Rise and Shine Turning Setbacks Into Triumphs</i>	<i>N. Hema Ananth B.Tech 3rd Year ECE</i>	<i>Can failures lead to success? Learn how challenges can be stepping stones to ultimate triumph.</i>	<i>47</i>
<i>Threads of Infinity: Unravelling the universe</i>	<i>Saranya B.Tech 1st Year Civil</i>	<i>Is the Big Bang connected to Hindu cosmology? Explore the fascinating intersection of science and spirituality.</i>	<i>48</i>
<i>Exploring Innovation at NSTL: A Day of Discovery</i>	<i>B. Harshitha B.Tech 2nd Year CSE</i>	<i>From bionic arms to smart streetlights, dive into groundbreaking projects shaping the future of technology.</i>	<i>50</i>
<i>Developing leadership skills through college activities</i>	<i>L. S. K. Prasad , Taruna Priya B.Tech 3rd Year Chemical</i>	<i>What makes a great leader? Discover how college activities and personal growth shape leadership skills for the future.</i>	<i>52</i>
<i>How Campus Life Prepares You for the Real World: The Transition from College To Career</i>	<i>M Jyothsna B.Tech 1st Year CSE</i>	<i>How does college prepare you for the real world? Learn how time management, communication, and resilience shape your future.</i>	<i>53</i>
<i>Discipline: The Secret Ingredient to Achieve Success.</i>	<i>K.Mahanti Grace Namrata B.Tech 1st Year IT</i>	<i>Struggling to reach your goals? See how self-discipline can boost productivity and lead to lasting success.</i>	<i>54</i>
<i>Engineering Minds Challenge: Crack The Code! ...</i>			<i>56</i>
<i>The Story of an Unbreakable Spirit</i>	<i>M.L.S.N. Sai Ganesh B.Tech 2nd Year ECE</i>	<i>How did Kohli turn personal tragedy into greatness? Discover the power of resilience, passion, and determination.</i>	<i>57</i>
<i>Beliefs Beyond Reason</i>	<i>P. Sriram Yashwanth B.Tech 3rd Year Mech</i>	<i>How do ancient superstitions still influence us? Explore the clash between belief, reason, and the persistence of irrational customs.</i>	<i>58</i>

Title	Author	Inside the article	Pg.no
<i>Whispers of Winter</i>	<i>G. Srinidhi B.Tech 1st Year ECE</i>	<i>Ever dreamed of witnessing snowfall? Join a journey to Manali, where snow and nature create magical, unforgettable memories.</i>	<i>59</i>
<i>Mechanical Engineering in Everyday Life</i>	<i>M.V.Karthik, B.Tech 3rd Year Mech</i>	<i>Discover simple strategies to stay motivated and push through challenges.</i>	<i>60</i>
<i>Friendship with Nature</i>	<i>D Vamsi Krishna, B.Tech 3rd Year ECE</i>	<i>Learn how volunteering builds character, empathy, and real-world skills.</i>	<i>61</i>
<i>The Evolution of Friendship in College</i>	<i>P. Sai Joshitha, B.Tech 3rd Year CSM</i>	<i>See how joining clubs helps you make friends, grow, and gain new skills.</i>	<i>62</i>
<i>More than a Degree</i>	<i>M. Lakshmi Shruthi B.Tech 4th Year CSM</i>	<i>What makes college life so unique? Explore the mix of freedom, self-discovery, and lessons that shape your future.</i>	<i>64</i>

Wings of Poetry

Poem

1. *The Shadow We Carry*
2. *To December with Love*
3. *Whispers of Brotherhood*
4. *Wings of Confinement*
5. *Good or Bad*
6. *Invigilation*
7. *My Apologizes to Father*
8. సంస్కృతీ,సంప్రదాయాలు నాడు-నేడు
9. తీరానికి ఎదురీదేజంటరి అల
10. అమ్మ గురించి
11. అజ్ఞానంలో అవివేకిననై
12. ఆరంభం, నా ఆకాంక్షకు ఆరంభం
13. స్వార్థ మరియు నిస్వార్థ జీవితాల మధ్య యుద్ధం
14. మానవుడు మరియు ప్రకృతి మధ్య స్నేహం
15. *Joy of Teaching*
16. *A poem on ' Atomic Habits '*
17. *A Letter to God*
18. *Losing Eden*

Poet

- B. Gayatri B.Tech 3rd Year CSD*
- P. S. Kedar B.Tech 1st Year Mech*
- B. Gayatri B.Tech 3rd Year CSD*
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The Sketchbook

- 1. V. Harshapriya B.Tech 3rd Year chemical*
- 2. M. Joshnavi Devi B.Tech 2nd Year ECE*
- 3. M. Sridhruti B.Tech 1st Year ECE*
- 4. J. Geetha Anuhnavi B.Tech 1st Year ECE*
- 5. T. Kavya B.Tech 3rd Year EEE*
- 6. Md. Yaseennabi B.Tech 3rd Year EEE*
- 7. B. S. P. Benith B.Tech 1st year ECE*
- 8. M. A. Sahit Samay B.Tech 1st Year ECE*
- 9. B. Sai Teja B.Tech 1st Year Chemical*
- 10. N. Renuka B.Tech 1st Year Chemical*
- 11. Ankitha Mohanty B.Tech 1st Year Chemical*
- 12. D. Satya Vardhan B.Tech 3rd Year MRB*
- 13. D. Mohana Sai Sruthi B.Tech 4th Year EEE*



We value your feedback!

Thank you for reading this edition of Annual Revista 2024-25.

Your thoughts and suggestions will help us improve and bring you even better content.

Drop your feedback at annualrevista@gvpce.ac.in

You can also access it online on our college website at gvpce.ac.in.



“Reading maketh a full man”

-Francis Bacon

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The New York Times
NEW YORK, MONDAY, JULY 26, 1969

MEN WALK ON MOON
ASTRONAUTS LAND ON PLAIN;
COLLECT ROCKS, PLANT FLAG

A Powdery Surface Is Closely Explored

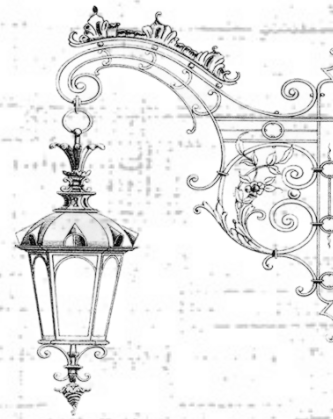
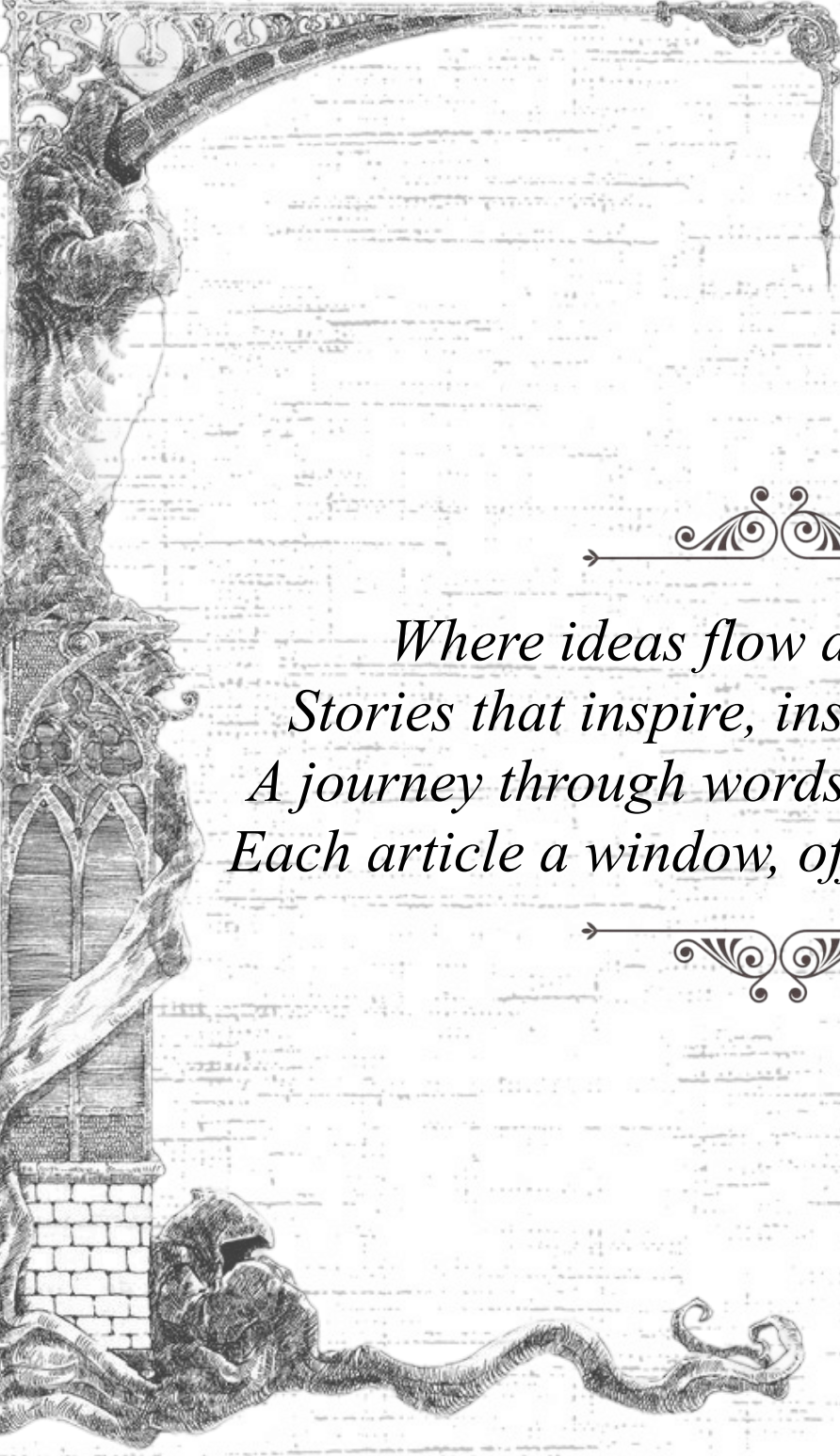
The Malibu Times
MALIBU, CALIFORNIA, MAY 2, 1946

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*Where ideas flow and voices rise,
Stories that inspire, insights that surprise.
A journey through words, both bold and true,
Each article a window, offering something new.*



How Volunteering Shapes Your Character


Volunteering is not adjusting your time to help others but also an experience that shapes your character, values and personal growth. Volunteering helps to develop essential life skills and a sense of purpose. Volunteering exposes you to different people, cultures and life situations. Doing a volunteer work teaches accountability.

During volunteering you learn to take responsibility for your actions. Whenever you deal with an unexpected or a problematic situation it helps you to build problem solving skills and adaptability. When you volunteer, you witness the struggles and hardships others face. This experience helps you appreciate your own blessings and develop a grateful mindset. Helping others strengthens your values like honesty, integrity and selflessness, which shapes you into a more ethical and responsible person. Volunteering exposes you to new skills.


You encounter new challenges that push you out of your comfort zone, so that you are prepared for real world situations. Volunteering also helps in development of your communication skills. Whenever you handle a crisis situation and communicate with diverse groups, these experiences broaden your knowledge and personal growth.

Volunteering is not just about helping others it is a powerful way to shape your character, develop essential life skills. By stepping out of your comfort zone and engaging in service, you grow into a more compassionate, responsible and confident individual.

S. Sai Sameer
B.Tech 1st Year ECE



When Mother Teresa was asked how she managed to help so many people, she replied: Not all of us can do great things. But we can do small things with great love. Her tireless work demonstrated that consistent small efforts could create a massive impact.



“STEP OUT- Join a Club, Find Your Tribe!”

If you're anything like me, someone who enjoys their own space and doesn't naturally gravitate toward socializing you might have spent your first few college years focusing only on academics. I'm in my third year now, and I've only recently realized how important it is to build connections and have a solid friend circle. And guess what? Clubs and societies are one of the best ways to do just that!

College isn't just about classes, assignments, and exams. It's also about discovering you, exploring new interests, and meeting people who could turn into lifelong friends (or at least great project partners!). Joining a club makes socializing easier because it gives you a common interest to bond over. Whether it's a tech club, a debate society, a dance crew, or even a book club, you'll always find people who share your enthusiasm.

But it's not just about making friends clubs also help you grow in ways you wouldn't expect. Organizing events, leading teams, and participating in competitions can boost your confidence and leadership skills. Plus being involved in extracurricular activities looks great on your résumé. Employers love seeing candidates who can balance academics with other interests and responsibilities.

One of the biggest advantages of joining a club is the sense of belonging it provides. College can feel overwhelming, especially when you don't have a strong support system. A club gives you a space where you feel comfortable, where your ideas are valued, and where you get to be part of something bigger than yourself.

Looking back, I wish I had stepped out of my comfort zone earlier and embraced these opportunities. So if you're hesitant like I was, take that first step join a club, attend an event, or just show up and see where it takes you. You never know what amazing experiences (or friendships!) you might find.

P. Roshini
B.Tech 3rd Year CSM

How Books Shape Thinking?

Reading has been considered one of the most enriching exercises for intellectual and personal development. Books are windows into other worlds, broadening our minds with knowledge, perspectives, and experiences, and shaping our thoughts, emotions, and behaviors. Indeed, reading has a powerful impact on how people develop their personality traits, perceive the world, and interact with others.

Above all, books shape thinking through the acquisition of different forms of knowledge and critical thinking. A book exposes the reader to various ideas, cultures, and philosophies that challenge their beliefs and encourage independent thought. A well-read individual is more likely to approach problems with an open mind.

Additionally, reading books builds a deep understanding of various subjects. Most fictional stories provide readers with an opportunity to step into the shoes of the characters, experiencing their joys, struggles, and emotions. This helps develop empathy, making a person more understanding and sympathetic in real life. The emotional depth gained through reading also enhances personal communication skills. Furthermore, reading teaches discipline and patience, as books require time and focus rather than instant gratification from digital media.

Developing a habit of reading improves concentration, enhances memory, and builds perseverance, all of which are highly valuable qualities for personal and professional success. It also exposes individuals to well-crafted language, enriching vocabulary while improving articulation and cognitive abilities.

Reading shapes an individual's worldview. Autobiographies, historical accounts, and philosophical writings introduce readers to different ideologies and significant historical events, providing valuable insights into humanity. This, in turn, helps create a more balanced perspective, reducing biases and fostering a more inclusive mindset.

In conclusion, reading is not just a hobby but a transformational process that significantly contributes to personality development. It enhances critical thinking, emotional intelligence, discipline, and one's perspective on the world. In an era of fleeting digital content, reading remains one of the most powerful tools for developing a well-rounded, informed, and thoughtful personality. "A reader lives a thousand lives before he dies", and each of those lives leaves an indelible mark on an individual's character and thinking.

Ch. Harshitha
B.Tech 3rd Year CSM

Cricket: An Engineer's Perspective

“Dhoni finishes off in style. A magnificent strike into the crowd, India lifts the World Cup after 28 Years!” These famous lines have stayed in the hearts of every Indian cricket fan. Even though cricket is just a game for the common man and a source of entertainment, it involves a remarkable amount of scientific principles. Cricket is one of the oldest sports in existence, dating back to the mid-16th century, and it has been evolving ever since. From Test cricket to T20 internationals, each format has its own set of scientific elements. Test matches, for instance, are played with a red ball, which swings more due to the leather used and the lacquer applied on it, giving an advantage to the bowlers. Let's dive deeper into swing bowling and understand its principles.

There are three types of swing bowling: inswing, outswing, and reverse swing. The swing of the ball refers to its deflection in the air after being released by the bowler. This movement is explained by Bernoulli's principle, which states that “when a pressure difference exists between two surfaces opposite to each other, a lift force is produced.”

To bowl an out swinger to a right-handed batter, the bowler positions the seam slightly towards the first or second slip, with the rough side of the ball facing away from the batter. As the ball moves through the air, the pressure difference between the rough and shiny sides causes it to swing away from the batter. An in swinger follows a similar principle, but the seam is angled towards the fine leg, with the rough side facing the batter, causing the ball to swing inward. Reverse swing occurs when the ball is old and both sides are rough, leading to turbulent airflow on both sides and an unpredictable movement in the air.

Another important principle in cricket is the Magnus effect, which influences spin bowling. This phenomenon causes the ball to curve while traveling through the air. It occurs because a spinning ball creates a pressure difference on either side, generating a lift force that pushes the ball in a direction perpendicular to its motion. Even the weight of the bat plays a crucial role in the game. A heavier bat has greater momentum, making it more suitable for power hitting, whereas a lighter bat allows for better control and precision in shot-making. This is due to mass being directly proportional to the momentum.

Cricket, though seemingly simple, is a game deeply rooted in physics and engineering principles, making it even more fascinating. So, next time when you get about the batsmen forum, bowlers mistake remember that cricket is not just a game of bat and ball, it is game with lots of physics that to with lots of varying variables in it.

S. S. P. Aasrith
M. Gowtham
B.Tech 3rd Year Mechanical



Motivate Yourself

In the past, suicides were often due to poverty, but nowadays, they are more commonly linked to stress related to studies. Many of us think that parents work hard to provide a lot of money for their children, so what is the scarcity that prevents their children from studying well? Why are they not scoring good marks? Do they really experience that much stress? The solutions to these questions are “confidence, self-belief, and support from parents and teachers.”

A major issue is the lack of support from parents; often, they focus solely on competition and grades without asking about their child’s well-being. “A piece of paper will not decide the future.” When parents stop questioning about marks, children can begin to think more deeply about the subjects.

Teachers also play an important role in students’ lives. However, some teachers only focus on a child’s academic performance. This needs to change. There are only two people in this world that can truly recognize your “talent”: you and your teacher. If teachers encourage and support their students, we can’t even imagine the bright futures that await these children.

To reduce the number of suicides among children and to ensure a bright future for them, we must build confidence, self-belief, and provide support from parents and teachers.

Many of us say that God has given unique abilities to different people; some can easily remember things while others struggle. However, that’s not entirely true. We should recognize that we are all the same when we are born; the real difference arises from our thoughts and the actions we take.

Many people say that hard work leads to success, but the truth is that working hard in a smart manner brings real success. Don’t just aim for smart work; focus on doing hard work intelligently, which will save time and yield fruitful results.

One life;
One chance;
One step;
BE SUCCESSFUL.

S. Snehith
B.Tech 1st Year CSE

My Journey Through A Semester

I will never forget that day; it was my first day at college. It was raining when I entered the campus, and it felt like the beginning of something new and exciting. The college was full of greenery, new students, new faculty, and a new hostel. I was enjoying every moment of it. I entered the auditorium with many doubts in my mind, but the event started with a warm welcome song. In that moment, I felt a sense of freshness, as everything during my intermediate years had started on a negative note. In college, I met so many new people from different places, speaking in different dialects. They used crazy words, and their energy was contagious. The faces around me were filled with joy. Some students had come to study and achieve their goals, others to gain knowledge, and some just to enjoy the graduation period, creating memories to cherish forever. As for me, I came to college with the intention to enjoy my remaining years, because my previous experience at VIT Junior College had been far from pleasant. I also wanted to discover the talents within me.

At VIT, the faculty operated like machines, and the students were treated like slaves. The management was only interested in getting top ranks, and we were all forced to study relentlessly. I spent those two years without any real fun or enjoyment. So, when it was time to decide my future, I decided to pursue engineering, not just to study, but also to enjoy my college years, since there were no cultural activities to showcase my skills. Finally, I got a seat at Gayatri Vidya Parishad College of Engineering (A) in Visakhapatnam. Although my relatives pressured me to join RVR and JC College in Guntur, I was determined to join GVP. It was a decision that would shape my future, and I was excited to start this new chapter of my life. As days passed, classes began. One of our faculty members, Satya Murthy Sir, asked, “Why did you choose engineering?” All the students shared their reasons, and I saw the kind of interaction between students and faculty that I had never experienced during my time in intermediate. It felt like I had stepped into heaven for a moment.

The days passed by so quickly that I didn't even realize it. We completed our first mid exams and entered into the second mid. While all my friends were afraid of their marks, I made a memorable experience. I had the chance to organize a semi Christmas event behind our college. I felt that this was a chance given by God. I learned a lot from organizing the event and realized that I had a knack for event planning. Everyone who attended the event praised the work and the effort put in. With that confidence, I started a team for event planning. We celebrated many events, and with that happiness I completed my first semester. I've learned a lot from the things that happened in my life. I think this is the end of one beginning, and maybe I can develop even more skills in the remaining semesters. As we see, college is the only place that can make your life bright.

K. Prakash
B.Tech 1st Year ECE

Self-Discipline: The Secret Of Personal Growth

“Self-discipline- have you ever wondered what this self-discipline is actually?” Is it just completing things on time? Is it just listening to parents and respecting elders? Is it just this?

The answer is a big NO. Self-discipline is about cultivating the habits and mindset that allow you to maintain control over your impulses and direct your energy toward personal growth and success. It’s about your principles, your routine, your habits, and your mindset. In a world filled with distractions it's definitely difficult to stay focused on your goal. It requires a lot of persistence, determination and consistency. There will be days when you will be at your lowest, where all the motivation you had disappears. On such days, only the self-discipline you have will take you forward. If you want to have a productive life, self-discipline is a must.

Self-discipline helps improve your physical as well as mental health. The habits you inculcate play a vital role. One must acquire healthy habits that help in staying productive. For example, the habit of writing a To-Do list helps students stay organized with their work and manage time effectively. Habits like scheduling your day, self-journaling, spending time on your hobbies, reading self-improving books, eating healthy food, and having a good diet could put an individual’s life on a better path. Another important aspect of developing self-discipline is a positive attitude. When you maintain optimism, setbacks become learning opportunities rather than reasons to give up. A positive outlook helps you stay motivated, even when progress feels a little low, making it easier to stay committed to your goals. A positive mindset helps reduce procrastination, since it helps you to stay determined and focused. Ultimately, a positive attitude reinforces self-discipline.

Self-discipline is also about regulating your emotions. For instance, if a student fails at something, only their self-discipline could make the student stay calm and not lose their composure. The more self-discipline you develop, the more you can control your emotions.

It also strengthens your ability to make certain decisions; it enhances self-control, which helps you resist temptations. It also builds self-confidence; making you more confident.

In conclusion, self-discipline is not just a skill but a way of life that empowers us to turn our aspirations into tangible achievements. It acts as the bridge between intention and actions, helping us navigate through various paths, avoiding distractions and persevere through challenges. While motivation may fluctuate, self-discipline remains a steady force, guiding us towards our goals with consistent effort and determination. Cultivating self-discipline fosters resilience, productivity, and personal growth, helping individuals face challenges with determination.

U. Anamika
B.Tech 1st Year ECE

Study Smarter, Not Harder: Applying The 80/20 Rule for Student Success

In today's fast-paced academic environment, students often find themselves overwhelmed with coursework, assignments, and exams. Many spend countless hours studying but fail to achieve the desired results. This is where the Pareto Principle, also known as the 80/20 Rule, can be helpful. The principle states that 80% of outcomes come from 20% of efforts. For students, this means that focusing on the most crucial 20% of study efforts can yield 80% of the academic success. This article explores how students can apply the 80/20 rule to maximize learning efficiency, improve grades, and reduce stress.

Historical Context of the Pareto Principle

The Pareto Principle, or the 80/20 Rule, was first introduced by Vilfredo Pareto, an Italian economist, in 1896. While analyzing Italy's economy, he observed that 80% of the land was owned by just 20% of the population. He later found similar patterns in other countries and economic systems, suggesting that wealth and resources tend to be unevenly distributed. Later, in the 1940s, Joseph M. Juran, a management consultant, expanded on Pareto's findings in the field of quality management. He applied the principle to industrial production, noticing that 80% of defects were caused by 20% of problems in manufacturing. Juran called this the "vital few and the trivial many," emphasizing that businesses should focus on fixing the most critical issues rather than spreading efforts too thinly. Over time, this principle has been applied to various fields, including business, time management, and education. For students, this means that a small portion of study efforts contributes significantly to overall learning and academic performance. By identifying and focusing on these high-impact efforts, students can achieve better results with less effort.

Benefits of Applying the 80/20 Rule in Academics

- Time Efficiency – Instead of spending hours on ineffective study methods, students can focus on what truly matters.
- Better Retention – Concentrating on key concepts leads to a deeper understanding of subjects.
- Less Stress – Prioritizing important tasks reduces last-minute cramming and anxiety.
- Improved Performance – Targeting high-yield topics ensures better grades with less effort.
- Balanced Life – With optimized study strategies, students can make time for extracurricular activities, hobbies, and relaxation.

Application of the 80/20 Rule for Academic Success

1. Identify the High-Impact 20% of Study Material: Not all topics or study methods are equally valuable. Some chapters, concepts, or problems contribute significantly to exam success. Students should:
 - Analyze past exam papers to identify frequently tested topics.
 - Refer to syllabus guidelines to determine high-weightage sections.
 - Consult teachers or peers to recognize critical areas.

2. Focus on High-Value Learning Methods: Instead of passively reading textbooks, students should adopt active learning strategies that produce the best results in less time. These include:
 - Active Recall – Instead of rereading notes, try recalling information from memory.
 - Spaced Repetition – Reviewing information at increasing intervals to enhance retention.
 - Mind Mapping – Visually organizing concepts to understand relationships between ideas.
 - Practice Testing – Solving previous years' papers and quizzes to reinforce learning.

3. Prioritize Assignments and Projects Wisely: Some assignments contribute more to grades than others. Instead of spending excessive time on every task, students should:
 - Identify which assignments have the highest weightage.
 - Work efficiently on group projects by delegating tasks effectively.
 - Avoid perfectionism on less critical assignments and focus on high-impact ones.

4. Optimize Time Management with the 80/20 Rule: Many students waste time on unproductive activities, such as excessive note-taking, unnecessary social media scrolling, or inefficient multitasking. To manage time effectively:
 - Use the Pomodoro Technique – Study in focused intervals (e.g., 25 minutes study, 5 minutes break).
 - Create a Study Plan – Allocate more time to high-priority subjects.
 - Eliminate Distractions – Turn off notifications and use website blockers during study sessions.

Common Mistakes to Avoid While Using the 80/20 Rule

Although the Pareto Principle is highly effective, please be cautious about the following mistakes:

- Ignoring the Remaining 80% – While 20% of efforts yield the most results, the remaining 80% still holds some value and shouldn't be completely neglected.
- Procrastinating on Less Important Tasks – Some low-priority tasks still need to be completed; delaying them can cause last-minute stress.
- Overanalyzing – Spending too much time identifying the 20% can be counterproductive. Instead, make quick, informed decisions.

Conclusion

The 80/20 Rule is a game-changer for students aiming to study efficiently and achieve academic success. By focusing on high-impact study materials, using effective learning methods, managing time wisely, and prioritizing important tasks, students can significantly improve their academic performance while reducing stress. The key is to study smarter, not harder by identifying what truly matters and optimizing efforts accordingly. With the help of Pareto Principle, students can maximize their learning potential, perform better in exams, and still have time to enjoy a balanced student life. Dear Students, start using the 80/20 rule today and experience the difference in your academic journey!

Dr. Aparna Yerramilli
Assistant Professor
Department of Management Science



Online Vs Offline Classes

How to Stay Motivated in Difficult Times

Staying motivated in difficult times is really a daunting task. When faced with challenges, setbacks, and failures, it's easy to lose motivation and give up. However, during such times, motivation is crucial. Let's explore some strategies to stay motivated.

First, we must set clear goals. Setting specific, achievable, and meaningful goals is essential for maintaining motivation. When faced with difficulties, reminding ourselves of the reasons we're working toward a particular objective can help. Breaking down large goals into smaller, manageable tasks also helps to stay motivated.

The second one is figuring out 'why I am here.' Understanding our purpose and passion can help us stay motivated by identifying the reasons behind our goals and reminding ourselves of them often. To stay motivated we can create a positive environment by surrounding ourselves with positive influences, such as supportive friends, family or mentors. Eliminate negative self-talk and replace it with affirmations. A positive environment can help to boost our mood and motivation.

Third, practicing self-care is essential. Taking care of our physical, emotional, and mental well-being is crucial for maintaining motivation. One can stay motivated by staying present, such as practicing mindfulness, which helps by focusing on the present moment. Additionally, breaking down large tasks into smaller, manageable chunks and concentrating on one task at a time can also help maintain motivation. To stay motivated, we can set up a reward system. Treating ourselves to something we enjoy when we reach a milestone or complete a challenging task can help maintain motivation.

In conclusion, staying motivated in difficult times requires a combination of strategies. With persistence and determination, one can stay motivated and achieve their goals, even in the toughest of times.

P. Madhu Shalini
B.Tech 1st Year ECE

When Passion Calls, But Parents Decide

Once upon a time, you dreamed with an open heart, painting your future in vibrant hues. But as you grew older, did you find yourself drifting away from those dreams, watching your aspirations fade into silent sighs?

It is always a struggle between passion and parental expectations, a familiar storm in brown households. The way you see your career often clashes with how your parents envision your future. Only 2 out of 10 people follow their passion and end up doing what they truly love. Are you one of them, or are you part of the other 8?

Imagine walking up to your parents and telling them you want to pursue fashion, dance, or music dreaming of turning art into a profession. You already know their response: “Sharma Ji ka beta dekho, IIT join kiya hai! Uska 68 lakhs ka package laga hai.”

“Pehle engineering complete karo, phir jo karna hai karo.” And if you are a girl, the battle comes with an extra layer of expectations: “Higher studies karna hai? Toh shaadi kab karogi?”

“Modeling karna hai? Woh chhote chhote kapde pehenegi? Shaadi kaun karega?” The questions never end, each one

chipping away at your dreams. In the end, you face two choices:

Muster the courage to fight for your passion, carve your path, and chase the dreams that set your soul on fire. Or, Bow to expectations and walk the well-trodden path of tradition, blending into the crowd. You may often ask yourself, why should I spend my life doing something I don't love?

Success is always possible in any field if you are willing to dedicate yourself to it. But the real war is not just with your parents—it is the silent war within. On the brighter side, every parent wishes for their child's happiness, success, and security. The bridge between passion and expectation must be built with patience, communication, and perseverance. Balancing dreams with practical choices becomes the key—proving that success is not confined to a singular path. Will you let your dreams fade into the shadows, or will you rise, rewrite the narrative, and paint your destiny in your own colors?

The choice is always yours. The choice is yours.

S. Jahnvi
Deepika Vaishnavi
B.Tech 3rd Year Mechanical

Mental Health Matters

This essay is about my personal experiences with mental health and the lessons I've learned along the way. In our lives, we experience a range of emotions, and each person reacts differently to the same situation. You might be wondering why I'm saying all this. Well, I'm here to talk about mental health, how important it is for every individual and how we can maintain control over our thoughts and emotions.

Anxiety and depression are often recognized as mental health issues, but mental health encompasses so much more. Being overly sensitive, getting irritated over small things, overreacting, over thinking, or even feeling persistently lazy can also be signs of mental health struggles. Honestly, I've faced some of these issues personally, haven't we all?

Why are these considered problems?

We often hear that small steps lead to big outcomes. While this is motivating in a positive sense, small, unresolved issues can also escalate into significant health problems. For example, imagine you're feeling sad, but you don't understand why. This sadness lingers for days, leaving you unable to focus or find joy in anything. If you hold onto that sadness without addressing its cause, makes you weak mentally and physically, potentially leading to depression.

This is just one example, but in reality, the effects of mental health issues can be much worse than we realize. People struggling with mental health often downplay themselves or others, feeling like nothing is going their way.

How can we find stability?

Whenever you find yourself overthinking, feeling overwhelmed, emotional, or stressed, try this: take a deep breath and start observing your surroundings. Focus on the objects around you their shapes, colours and textures. This simple practice can ground you in the present and help you regain control. If possible, maintain a journal and write down your thoughts. Sharing your feelings with a trusted friend can also provide relief and perspective.

Sometimes, it's important to allow ourselves to feel our emotions fully and let go of the pain. Learning when to release emotions and when to keep them in check comes with time and experience.

My only advice to everyone out there is this: don't worry too much about things. There's a beautiful world out there, go out, explore it, and immerse yourself in its wonders. Live your life with joy and ease. Stay calm, be present, and embrace happiness.

K. Gayatri
B.Tech 4th Year CSD

The Humble Titan

A Great Indian Industrialist and Philanthropist Late Shri Ratan Naval Tata was born on December 28, 1937, in Mumbai during British rule. He was not just a businessman but also a great humanitarian, as he not only focused on his business but also cared deeply for the common people.

In the automotive industry, the Tata Group has launched both luxurious and affordable cars. Jaguar represents the luxury segment, while the Nano was an affordable car that cost nearly two and a half lakh rupees. Both of these are Tata enterprises. Similarly, he introduced products in various other sectors, making a significant impact.

His love for pets was also remarkable. Tango, Tata's pet dog, held a special place in his heart, and he was extremely attached to him. In addition to his bond with Tango, Ratan Tata's compassion for animals led him to build a large hospital and shelter for dogs, providing care and support for countless animals.

The Tata Group plays a crucial role in multiple industries, from salt to steel, and Ratan Tata is considered the backbone of the company. The world may never witness another leader as kind-hearted and visionary as Ratan Tata. **A great engineer always looks beyond what is visible.**

*A. Sahasra
B.Tech 1st year ECE*

The popular Post-it Note was invented by accident. A scientist at 3M, Spencer Silver, was trying to create a strong adhesive but ended up with one that was weak and reusable. Years later, a colleague used it to keep bookmarks in place, and the Post-it Note was born.

The Future Of Currency

What is Digital Currency?

Digital currency is money that does not exist in physical form, as in coins or paper money. Unlike coins or paper money that we use in day-to-day transactions, digital currency is stored and transferred electronically. It is not traditionally associated with a bank or government. One of the most well-known digital currencies is bitcoin.

Bitcoin was invented in 2009 by an individual or group called Satoshi Nakamoto. It uses cryptography to secure transactions and control creation of new units. It operates on blockchain, a public ledger that records all transactions in a secure and transparent way.

One of the main reasons why Bitcoin is so popular is that it's decentralized. This means that there is no single authority – like a government or bank – that controls it. Instead, Bitcoin relies on a network of users who verify and record transactions. Its decentralized nature means that there is no single governing body. Instead, it is able to offer independence and security that is not always found in traditional financial systems.

Why is Bitcoin Important?

Bitcoin has grown immensely in recent years because it offers a lot of benefits compared to traditional currencies. There are a lot of benefits that set Bitcoin apart from traditional monetary systems. First of all, Bitcoin is decentralized. It's not controlled by any central authority or government. So it offers a certain amount of independence and freedom that is not found with traditional currencies. Secondly, Bitcoin transactions are very secure.

They are secured using advanced cryptographic techniques that protect user data and prevent unauthorized access. Thirdly, Bitcoin offers strong privacy. It allows users to make transactions without revealing their personal information. This is very important in today's digital world. Bitcoin also has a limited supply. It's capped at 21 million units. So it is not subject to inflation like many traditional currencies.

Decentralization is key to Bitcoin's appeal. Bitcoin is not controlled by a single authority, so it's not subject to government policies or inflation. That makes it attractive to people who want to have more control over how their money is spent.

Conclusion

Digital currencies—and particularly Bitcoin—are one of the biggest factors shaping the future of finance. Secure, fast, and decentralized, cryptocurrencies change the way we think about money. And despite setbacks, digital currencies are advancing rapidly, likely to become a key part of the global economy soon. As the world becomes increasingly digital, so will the way we use money. Digital currencies, such as bitcoin, are at the forefront of this new and exciting revolution in the way we think about and use money in today's world.

Sai Charan Devisetty
B.Tech 1st Year IT

Navigating Life After School: A Journey Of Self-Discovery

We often grow up with the fantasy that life will become more enjoyable once we leave our teenage years behind. For many of us, the 10th grade represents significant and confusing cross roads where one must decide between pursuing a diploma or an intermediate education. Some choose to take entrance exams for polytechnic courses, either driven by passion or influenced by their families' financial situation. There's a common belief that a diploma can lead to quicker job opportunities than an intermediate education, which is often deemed essential for the immediate well-being of the family.

Today, I'd like to share my personal experience of life after 10th grade. Reflecting on my time in school, I wish I could relive those carefree days when our primary responsibilities revolved around studying, learning new things, and playing with friends. My schoolmates were my best friends, and we enjoyed many happy moments together. With supportive teachers who encouraged my hard work and didn't hesitate to correct me when I went wrong I thought life was a simple adventure focused on learning and friendship.

However, that perception changed quickly after matriculation. Faced with the need to choose a diploma due to my family's financial situation and my passion for engines, I embarked on an unanticipated journey. Initially, I believed that a mechanical diploma was solely about engines, bikes, and cars, but reality proved to be more complex.

In my first year of diploma studies, everything shifted to an online format. With minimal guidance from teachers, and as the eldest child in my family, I quickly found myself without much direction or motivation.


The freedom I initially embraced turned into a trap of my own making, my grades suffered over the next two years as I struggled to navigate this new landscape on my own. It wasn't until my final year of the diploma programme that I experienced a turning point a moment of self-realization. The lessons I learned throughout my diploma were profound, extending far beyond technical knowledge. I came to understand that no one would always be there to push me, the responsibility for my life and my choices rested squarely on my shoulders.

I learned that while mistakes are a natural part of life, repeating the same mistakes can have lasting consequences. Every experience, whether positive or negative, offers an opportunity to learn and grow. I firmly believe that mistakes are not inherently wrong; instead, they serve as valuable lessons that can shape our future trajectory.


As I move forward, I carry with me a newfound clarity and self-awareness. My passion for mechanics remains a guiding force, motivating me to pursue my interests while instilling the discipline necessary to succeed in life. I hope that by sharing my journey, I can encourage others who are navigating similar paths after school. While the road may not always be straight forward, it is filled with opportunities for growth, learning, and self-discovery. Remember, you're not alone, and there's wisdom to be gained from every step of your journey.

D. Ajay

B.Tech 3rd Year Mechanical



Despite being a Hollywood star, Keanu Reeves is known for his humility. He often rides the subway, donates millions to charity, and helps strangers without seeking attention. His philosophy: "Sometimes simple things make the biggest difference in someone's life."



Tips For Freshers On Navigating College Life

College life is a mix of academic challenges, social activities, and personal growth. Effective time management is crucial to balancing these aspects without feeling overwhelmed. Here are some essential tips to help fresher's manage their time efficiently:

Plan Ahead:

Planning is the key to managing time effectively. Freshers should use planners or digital apps to map out their daily tasks, assignments, and deadlines. A well structured timetable prevents last minute stress and ensures that all tasks are completed on time.

Prioritize Wisely:

Not all tasks hold equal importance. Using the Eisenhower Matrix categorizing tasks as urgent, important, or less critical can help students focus on what truly matters. Tackling high-priority assignments first prevents procrastination and improves productivity.

Avoid Procrastination:

Procrastination is a common struggle among college students. Breaking tasks into smaller, manageable steps and setting short deadlines can help overcome this habit. The "Pomodoro Technique", which involves working for 25 minutes and taking a short break, is an effective way to stay focused.

Set Realistic Goals:

Overloading a schedule with unrealistic goals can lead to frustration. Instead, students should set SMART (Specific, Measurable, Achievable, Relevant, Time-bound) goals that keep them motivated and on track.

Balance Academics and Leisure:

Focusing solely on academics can lead to burnout. It is essential to allocate time for relaxation, hobbies, and social interactions. A balanced routine helps improve mental well-being and overall performance.

Take Care of Yourself:

A well rested mind functions better than an exhausted one. Prioritizing sleep and maintaining a healthy routine contributes to better concentration, memory, and productivity.

Effective time management not only improves academic performance but also allows fresher's to enjoy a well rounded and fulfilling college life.

D. M. Sai Sruthi
B.Tech 4th Year EEE



Last-Minute Assignment Panic

Maintaining A Balance Between Academics And Extracurricular Activities

Maintaining a balance between academics, developing technical skills, and improving knowledge on something that would really help you build your career is just as important as engaging in extracurricular activities. Both help in shaping our future.

While educational qualifications help you build your career, the activities you do and the interactions you have with people while doing such activities will really make you learn many things! It will teach us important life skills like how to talk with people with confidence, learn teamwork, how to communicate well and how the real world works.

Maintaining good interactions is really important in life, and I think this can be achieved by participating in other activities along with academic skills.

We all know that it is not easy to maintain a balance between academics and extracurriculars. It's not as easy as we say. But giving it a try is never wrong. You'll never know what you're going to learn from it. Every person you meet in your life has something to teach you.

Go join the college clubs and spend time with others. Do the activities, engage yourself, and participate in events. Gain experience, learn from your mistakes, and develop your academic skills. Try to inspire others rather than seeking inspiration.

Manage your time—time management can really help you build your life in many ways. If we plan our time wisely, we can do well in our studies while also enjoying our favorite activities. Preparing and organizing our tasks helps us concentrate.

It is really important to project yourself and to grow as a person so we should take part in different activities. Extracurricular activities are not just about learning things but also about relieving stress and taking breaks from it. It is like therapy. If you're interested in any activity or skill, don't overthink- just go for it and do whatever you want to do! If you like dancing, then dance; if you like writing, then start writing. Do whatever makes you feel better.

If you want to involve yourself in extracurricular activities but never had the opportunity or were afraid or shy to participate, don't give up. Everyone gets an opportunity. Yes, it's not easy. Maybe because of the people around you or lack of confidence might stop you from participating in activities, but don't just give up. Take a step, collect the information, make a timetable, and plan everything you want to do. Give it a try without overthinking.

We never know how happy we can be and how much we can learn from these activities. They provide hands-on experience and practical knowledge. It may not always be easy, but it is always worth it.

D. Samhitha
B.Tech Ist Year Civil

The Exhilaration Of Travel And Engineering Marvels

Travelling is more than just moving from one place to another - it's a journey of joy, discovery, and endless memories. It's about feeling the crisp mountain air, watching the waves dance along the shore, wandering through bustling cities, and soaking in the beauty of nature. Travel refreshes the soul, liberates the mind, and fills life with adventure. It brings excitement, new friendships, and unforgettable moments that become stories for a lifetime.

But have you ever wondered what makes these experiences possible? The magic of travel isn't just in the destination it's in the journey itself. And behind every smooth, thrilling, and comfortable journey stands the incredible work of mechanical engineers. We are the architects of mobility, designing everything from sleek cars to high speed trains, mighty airplanes to colossal ships. We create the very pathways that connect people, cultures, and dreams.

For most, an engine is just a sound a hum in the background of a journey. But for us, mechanical engineers, it is a heartbeat, a symphony of precision, power, and innovation. The roar of a jet engine, the rhythmic chug of a locomotive, or the effortless glide of a luxury car all are testaments to the art and science of engineering. The soul of a machine, the intricate dance of its moving parts, and the sheer brilliance behind its working are truly grasped only by us.

Imagine a world without transportation no highways stretching into the horizon, no railways weaving through landscapes, no aircraft soaring across the skies, and no ships crossing vast oceans. Travel as we know it would simply not exist. Mechanical engineering has not only made transportation possible but has continuously refined it making journeys safer, faster, and more exhilarating.

A true mechanical engineer doesn't just embark on a journey; they hear the symphony of an engine, admire the elegance of motion, and appreciate the marvel of engineering behind every vehicle, every bridge, and every system that makes travel effortless. As the world moves forward, our role remains irreplaceable pushing the boundaries of innovation, redefining the way people travel, and shaping the future of mobility. Travel isn't just an experience; it's a masterpiece of engineering in motion, and we, the mechanical engineers, are its artists.

Jameel Shaik
V. Love Kumar
B.Tech 3rd Year Mechanical

Several Visits To Sringeri Karnataka- My Observations

The Suvarana Bharathi Mahotsav which was held in November 2023 has been celebrated with impactful and meaningful events across all branches of Sharada Peetam which include:

1. Community Support: Providing meals (Annadanam) blankets, umbrellas and jackets to those in need. Daily Annadana commenced through various major branches of the Peetham, such as those in cities like Bengaluru, Tirumala Tirupati, Mumbai, Chennai and New Delhi.
2. Educational Assistance: Offering scholarships which cover school fees etc. Also stationary, school bags and tablets for bright school going children in need.
3. Spiritual Enrichment: Organizing Bhagavatha Saptahas, Vishnu Sahasranama Parayana, Soundarya Lahari, mass chanting and discourses on Sanatana Dharma.
4. Healthcare Initiatives: Conducting eye camps, offering free eye screenings, providing free cataract surgeries through the Sri Abhinava Vidyatirtha Multi specialty Hospital. Organizing free allopathic and Ayurvedic medical checkup camps in rural areas. Providing free artificial limbs to over 50 poor affected people. Also, offering dialysis at low cost to those in need.
5. Initiative to foster young minds: Several books have been released by the Peetham at subsidized prices particularly for the benefit of children with the objective of imparting morals and building a strong value system in their young minds.
6. Mid day meals for school children: Mid day meals are supplied on a daily basis to thousands of children studying across dozens of schools, located as far as 25kms from Sringeri.
7. Environmental Initiatives: A tree plantation drive took place at Sringeri wherein 50,000 saplings were distributed for students to plant and improve the greenery in the region. Goshala at Sringeri expand its care and protecting to over 300 cows.

Dr. Ch. S. S. S. Kumar
Assistant Professor
Department of Management Studies

Book Review : The Alchemist By Paulo Coelho

Overview

The Alchemist, first published in 1988, is a philosophical novel by Brazilian author Paulo Coelho. It has since become a modern classic, inspiring readers worldwide with its themes of destiny, self-discovery, and the pursuit of dreams. The book follows Santiago, a young Andalusian shepherd, on a journey across the desert in search of a hidden treasure, but ultimately, he discovers something far greater—his own "Personal Legend." This modern classic, originally written in Portuguese, has been translated into over 80 languages, proving its universal appeal.

Plot Summary

The story begins with Santiago, a simple shepherd who dreams of finding a hidden treasure near the Egyptian pyramids. Encouraged by a mysterious king named Melchizedek, who introduces him to the concept of a "Personal Legend" (one's true purpose in life), Santiago decides to sell his flock and embark on the journey.

Along the way, he faces numerous obstacles—losing his money to a thief, working for a crystal merchant, and meeting an Englishman studying alchemy. Eventually, he joins a caravan crossing the desert, where he meets the wise alchemist who teaches him the secrets of the universe, including the idea that "when you want something, all the universe conspires in helping you achieve it."

Through challenges, love, and deep introspection, Santiago learns that the treasure he sought was always within him. The novel concludes with him returning to Spain and finding the treasure buried right where he started, symbolizing that the journey itself was the true reward.

Final Verdict: Should You Read The Alchemist?

The Alchemist is an inspiring and uplifting book that encourages self-reflection and the pursuit of one's dreams. If you enjoy spiritual and philosophical novels with allegorical storytelling, this book is a must-read. However, if you prefer complex plots and nuanced character development, you may find it too simplistic.

K. Ruthvik
B.Tech 3rd Year MRB

Education Thinkers & AI

Philosophy and education are two sides of the same coin. The dynamism of philosophy will be deep-rooted in education from one side to the other, with religion being a torch guiding the mystic aspects of questioning in education. Some great educationalists include Dayanand Saraswati, Sri Aurobindo, Swami Vivekananda, Mahatma Gandhi, Rabindranath Tagore, Muhammad Iqbal, His Excellency Zakir Hussain, His Excellency Sarvepalli Radha krishnan, His Excellency Abdul Kalam, and Jiddu Krishnamurti, to name a few, after the world has seen religious leaders born from the teachings of Lord Buddha and Lord Mahavira.

The future of a country very much depends on the education of the country, and when the masses are trained and transformed to a stage where they question many aspects of society, the society becomes vibrant, and from the vibrant nature of the world comes the brilliance of the country. A country shines and transforms into a developed nation. If the thoughts and advice of thought leaders of a country are not taken seriously and are not put into discussion, the efforts of the people are futile and would lead to the downfall of the nation.

It is very much needed that the youth of the country take a leaf from the teachings of great leaders, give it a thought, and proceed with caution in the new era of artificial intelligence, where computers are thinking and humanity as such is becoming dormant to the thought process, which is a God-gifted process of understanding the world. There is an imminent danger that machines can lead us to darkness if the controlled usage of any gadget is not regulated, deciding the extent of mankind's beautiful thought process. As Albert Einstein has pointed out, an intuitive mind is a sacred gift, and a rational mind is a faithful servant. If thoughts are controlled and regulated in day-to-day activities by machines, there is a possibility that people might stop using common sense, which is the Creator's gift to humanity. Transforming with the era of AI with the proper thought of knowing where to draw the line is the need of the hour.

Dr. Kavirayani Srikanth
Associate Professor
Department of EEE

The Art of Managing Habits

A habit is a routine behavior that is repeated regularly and tends to occur subconsciously. It's an action or pattern of behavior that has become nearly or completely automatic. Habits can be good or bad, depending on their impact on your life. It's extremely important to develop good habits and leave bad habits. This essay discusses how to develop good habits and eliminate bad ones.

Good habits can help you achieve your goals, improve your health, and increase your productivity, while bad habits can hinder your progress, damage your health, and decrease your overall well-being.

Good habits are generally hard to find and learn. This is because they are not immediately rewarding but slowly make a person's life better. It may take months or even years to become good at something. Good habits are blessings in disguise.

On the other hand, bad habits are generally more attractive, and people easily fall for them. Bad habits like drinking, playing video games, etc., instantly reward and attract people. But slowly, they make a person's life worse and more miserable.

There's a common solution to developing good habits and leaving bad ones at the same time. Psychologists say that a habit can be developed by doing it for 21 days, and a habit can be broken if it's not done for 21 days. So, if you want to develop a good habit, just show up and do the work, no

matter how hard it feels. Instead, many people procrastinate on the good habit they're trying to learn and end up not learning it. If you show up and perform the habit you're trying to develop every day, even for just 20 minutes a day, you can truly develop the habit and get better at the thing you're trying to do. When it comes to leaving bad habits, just don't show up, no matter how hard it feels to resist the urge. This is because it's easier to stop the urge if you didn't show up, and almost impossible to stop it once you've actually started performing it.

Overall, good habits are something we should maintain, and bad habits are something we should avoid and break. By doing this, we can make our lives significantly better than they are now and live a truly happy life.

B. Rohith

B.Tech 1st Year IT

The Lion of Kargil: A Hero Who Must Not Be Forgotten

Some heroes don't seek fame. They don't make grand speeches. They simply fight, bleed, and sacrifice everything so that their nation can stand tall. One such warrior was Captain Anuj Nayyar, a fearless leader who led his men to victory in the Kargil War of 1999. His courage shattered enemy defenses, his sacrifice reclaimed Indian land, and his story deserves to be told. Yet, many don't even know his name.

Why He Should Be Recognized

He was a true leader. He didn't just command from behind—he fought in the frontlines, destroyed enemy bunkers himself, and pushed his men forward when the odds were against them. He won a crucial battle at just 24 years old. With sheer determination, he led his troops to capture Point 4875 (Pimple Complex), a mission that helped turn the tide of the war. He gave his life for the nation but never asked for glory. Unlike some war heroes who had famous last words or media recognition, Captain Nayyar's story remained largely untold. His name should be in every history book, his story should be taught in schools, and his bravery should inspire every Indian.

His Childhood Days

Captain Anuj Nayyar was born in Delhi to a middle-class family. His father was a professor, and his mother, a schoolteacher. He didn't come from a military background, but the spirit of a soldier was in his blood. As a child, he admired the Indian Army and would stand tall when the national anthem played. Even at a young age, he knew he wanted to serve the country. He was passionate about sports, especially boxing, which taught him discipline, endurance, and the ability to take a hit and keep moving. While many of his classmates dreamed of corporate jobs, Anuj dreamed of the battlefield. His heart belonged to the Indian Armed Forces. His biggest step towards becoming a warrior was joining the National Defense Academy (NDA), where he trained to be more than just a soldier—he trained to be a leader. When war broke out in 1999, Captain Nayyar was posted in Kargil. The enemy had captured Point 4875, a mountain peak that gave them a deadly advantage. This position had to be taken back at any cost.

His Leadership in the Battlefield

He led from the front. Instead of hiding behind cover, he was the first to charge forward, setting an example for his troops. He destroyed four enemy bunkers himself. Armed with grenades and a rifle, he cleared the way for his men to advance. Even after being injured, he refused to back down. Bullets rained, but he kept giving orders, making sure the mission was completed. His heroism helped reclaim the peak, but just before victory, an RPG (rocket-propelled grenade) hit him directly. Even as he fell, he ensured his men secured the win.

What Youth Should Learn from Him


Captain Anuj Nayyar's story isn't just about war it's about how to live with purpose, courage, and discipline. Lead by example. Don't wait for others to take action be the first to step forward. Face challenges head-on. Whether in exams, careers, or life struggles, never back down, no matter how tough the situation gets. Live for something bigger than yourself. Captain Nayyar chose his country over personal comfort.

Final Thoughts


Captain Anuj Nayyar's story isn't just a tale of war it's a reminder of what true bravery looks like. The next time you see the Indian flag flying high, remember it waves because of warriors like him. Heroes never die.

Jai Hind!

***P. Iswarya Sri Deepika
G. Maneesha
B.Tech 3rd Year ECE***



Before Harry Potter became a global phenomenon, J.K. Rowling was rejected by 12 publishers. She persisted, and when a small publishing house finally accepted it, they advised her to get a day job because she wouldn't make money writing children's books.



Artificial Intelligence: A Revolution Or A Resolution

The term Artificial Intelligence initiated its wings in the 1950s, but due to the rapid, drastic technological changes now in the current year 2025, Artificial Intelligence gained popularity.

AI as a Revolution

Before we go through the era of Artificial Intelligence, let's reflect on the difference between technology addiction and technology usage. When we observe past historical perspectives, we see that many strategies deserve technology usage that makes people addicted to technology. The epistemology to learn and imbibe Artificial Intelligence has moved its wings toward the revolution.

1. Efficiency and Productivity

Artificial Intelligence eases the work of human beings in the automation of tasks. For example, automated cars help us reach our destination with high productivity and efficiency in completing tasks.

2. Enhanced Decision Making

The decision making of human beings may fail and be scattered at any time. Still, when a machine is trained in Intelligence, the intellect is adequate to build an annotation decision making strategy.

The decision making strategies may depend on making the right decisions and predicting future changes. This is said to be a complex task for Artificial Intelligence. Making decisions is one strategy and the right path to achieving the decision.

Let us consider, for instance, a man who is carrying three children and needs to pass a river with only one change in the bridge. The bridge can take only two children at one time. Hypothetical decision making strategies play an essential role in enriched mindsets.

3. Personalization and Customer Experience

Artificial Intelligence can give customers good experience. For instance, chatgpt will give customers a good learning experience in queries.

4. Innovation and Development

The most crucial element of AI's future lies in innovation and development competency in learning technology outcomes. New interventions are set to the current trends so that the world returns innovations and developments.

AI as a Resolution

The revolutionary trends of AI form the resolutions in the domain because AI will convert as a resolution. AI will set as an interdisciplinary technology in the future how we use a mobile phone today as a part of life.

1. Job Displacement

The current trends in AI suggest the replacement of most jobs. It is identical to the potential development of skills in AI in such a way that there will be no replacement. There is only reincarnation on the set of jobs.

2. High Implementation Costs

The cost of GPUs and other hardware components in AI is challenging. If there is any idea to integrate all the drastic aids with the less potential aids using AI, it can become a resolution in the future.

3. Ethical and Privacy Concerns

The potential usage of AI in general life concerns ethics, morality, and intellectual aids. This remembers the Quote, "Where the mind is without fear" in the book Geetanjali by Rabindranath Tagore. Likewise, there is a need to remember "Where the mind is without morality" AI's drastic development may lead to the concerns of ethics, morality and gratitude aids.

4. Dependency and Reliability

There is a day when humans will not use their minds to think and act. The book "Think and Grow Rich" suggests only some insights regarding the development of human beings in terms of personal development concerns. Still, there is a need to remember that when humans stop thinking, machines are said to be the owners of human beings. It is the tautology and contraction of human beings to think and deserve an identical AI learning aid.

Conclusion

As a learning aid for problem solving, AI can be utilized to revolutionize or resolve daily life scenarios. Still, when we consider AI as a resolution, the aids regarding the conversion of AI technology into the revolution have been kept in mind in learning the technology constraints to resolve the problems about the world.

M. Rithvik
Assistant Professor
Department of CSE

Will AI Take Our Jobs?

To answer this, let's break it down step by step.

Has something similar happened in the past?

What are the consequences?

In early human civilization, people relied on hunting and farming for survival. Then came innovation, tools and better farming techniques reduced the need for manual labour. Some feared unemployment, but others saw an opportunity, shifting to other necessities like building houses, trading goods, and crafting tools. Innovation did destroy jobs but it created new ones as well.

If my job is replaceable does that make it useless?

During World War II, women performed complex calculations for military planning. A "Kilo-girl" (1,000 women working on calculations) was essential then, but today, a single processor can do that work in seconds. Their roles were replaced, but their contributions were invaluable and crucial.

Is AI really going to replace jobs? And what happens if it does?

Yes, AI will replace jobs in the near future, just as every major technological advancement has. In the short term yes the jobs destroyed are more than those created but slowly smart people create new jobs to survive. With more clerical jobs replaced by machines, everyone might start doing more meaningful jobs.

How it helped me to get a job?

I learned AI fundamentals from Coursera but found I was better at using AI tools to build applications rather than focusing on algorithms and math. So, I shifted to web and cloud development, leveraging AI tools like Co-pilot, coded constantly for 2-3 years on Code chef, and secured multiple job offers.

What should students do?

With repetitive jobs slowly being automated It is crucial to be at a job that is meaningful and where you can perform your best. Instead of worrying about the future just focus on your present,leverage the AI tools to analyse your skills & find out what you are good at. I have seen few people taking AI courses merely to escape from coding who are now jobless. Any average student can enrol into courses and do some projects using online tutorials but only few are passionate and know what they are doing, and they are the ones to get good jobs.

V. Subhankar
B.Tech 4th Year CSE

Weird Cultures Of Ancient Andhra Pradesh

Ranam Kudupu:

Imagine a meal of blood; doesn't that sound weird? This is followed by the Recharla Padmanayakas. The Recharla Padmanayakas were an Andhra dynasty that wrested power from the Musunuri Nayaks and became the dominant power in the region during the late 14th century and early 15th century. The kings of this dynasty instilled confidence in their soldiers by preparing a bloody meal called Ranam Kudu or Ranam Kudupu.

Divya Parikshalu (Divine Tests):

In modern times, the judiciary gives judgments based on evidence presented during court hearings. However, in ancient times, the kings of the Andhra Ikshvaku dynasty used to administer strenuous tests for judging guilt. The Ikshvaku dynasty ruled in the eastern Krishna River valley of India, with their capital at Vijayapuri, for over a century during the 3rd and 4th centuries CE.

There were nine divine tests for judgment:

- Jala Divya: In this test, the accused needed to drown in water and retrieve a dropped object from it.

- Agni Divya: The accused had to walk on fire without harming their feet.
- Visha Divya: The accused was required to take a ring from a pot containing a poisonous snake.
- Tundula Divya: The accused needed to eat sacred rice grains.
- Tula Divya: Judgment was decided by weighing the accused.
- Kosa Divya: The accused had to survive after drinking water that had previously been used to clean deity idols.
- TaskaMaska Divya: The accused was asked to take out a coin from hot oil.
- Phala Divya: The accused had to hold hot iron in their hands and then crush grains of rice with those hands.
- Dharma Adharma Divya: In this test, there were two idols: one representing dharma and the other representing a dharm. The accused was allowed to choose one. If they chose the adharma idol, they would be considered guilty.

S. Vyshnavi
B.Tech 1st Year MRB

Revolutionizing Mechanical Engineering

Design software plays a crucial role in mechanical engineering by enhancing accuracy, productivity, and innovation. These software tools are of various types, including those used for creating solid models with precise dimensions and those for simulating various machining operations on a given solid model.

Integrating different software allows seamless data exchange between various stages of design, analysis, and manufacturing. In all manufacturing industries, before making any product, they first need to design it and modify it if any changes are required. Computer-Aided Design (CAD) software such as AutoCAD, CATIA, and Creo are capable of performing these product designs.

After designing the solid model of the product, it has to be simulated, meaning the model must be tested for mechanical properties such as stress, strain, toughness, and its actual intended function.

By using mechanical design software, modifying a component becomes easy, and the time required for designing is significantly reduced. The accuracy of the designed component is high since exact dimensions can be provided during the design process. Through simulation, machining operations can be performed virtually, allowing engineers to estimate the amount of material required for the component, thereby reducing material wastage.


Design software plays a key role in optimizing manufacturing processes by reducing errors and minimizing material wastage. Traditional methods of designing and prototyping often lead to costly mistakes and require multiple iterations. However, with the help of CAD and simulation tools, engineers can predict potential failures, improve product performance, and ensure that the final design meets industry standards before production begins. This not only saves time and resources but also enhances the overall efficiency of the manufacturing workflow.

For example, in the automotive industry, engineers use simulation software to test the aerodynamics and structural integrity of vehicle components before manufacturing them, leading to safer and more fuel-efficient designs.

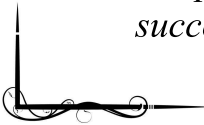
Another crucial benefit of these tools is their ability to simulate real-world operating conditions. Mechanical components are often subjected to extreme forces, temperatures, and wear over time. By using simulation software, engineers can analyze how a product will perform under different conditions, ensuring that it meets safety and durability requirements. This is especially important in industries such as aerospace and heavy machinery, where even minor design flaws can lead to significant failures.

In conclusion, as industries continue to evolve, the reliance on mechanical design software will only increase. Design software has become an indispensable tool in mechanical engineering, revolutionizing the way products are developed, analyzed, and manufactured.

T. Hemanth Kumar
G. Dilip Kumar
B.Tech 3rd Year Mechanical



Play-Doh was originally created as a wallpaper cleaner. When sales declined, the company's owners noticed that teachers were using it as a modeling compound for children. They rebranded it as a toy, and it became a huge success.



The Importance of Cybersecurity And Its Implementation Challenges

Dr. Manchikanti Srinivas
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Abstract:

In today's interconnected world, cybersecurity stands as a cornerstone of modern digital infrastructure. With the proliferation of the internet, mobile devices, and cloud computing, our reliance on technology has reached unprecedented levels. This dependence has led to an increasing number of cyber threats, necessitating the need for a robust cybersecurity system. All systems have weaknesses - places where a determined attacker has the potential to breach security and either disrupt your organization or steal your data. Therefore, cybersecurity planning requires a solid understanding of the places where your systems, processes, and staff are vulnerable to attack. Cybersecurity protects sensitive information, ensures the integrity of systems, and safeguards individual privacy, thereby fostering trust in digital ecosystems. However, implementing effective cybersecurity measures is fraught with significant challenges, ranging from technological and economic barriers to human and organizational factors. The following note discusses these in greater detail.

1. Importance of Cybersecurity

Cybercrime includes illegal use of cyberspace. The cyberspace features like speed, immediacy, remote operations, encryptions and obfuscation are exploited to make it difficult to identify the crime, its origin and criminals too. The cybercrimes can be classified into two categories. In first category, computers are used as tools that help criminals to conduct cybercrimes while in other category computers become targets. The primary purpose of cybersecurity is to protect digital assets from unauthorized access, theft, and damage. This includes safeguarding financial data, intellectual property, personal information, and critical infrastructure systems such as healthcare, energy, and transportation. The consequences of cyberattacks can be devastating. For instance, ransomware attacks can paralyze essential services, while data breaches can lead to significant financial losses and reputational damage.

1. Number of attacks: In 2024, SonicWall reported that there were 7.6 trillion attempted ransomware attacks, which is a 20% increase from the previous year.
2. Number of affected businesses: In 2024, more than 72% of businesses worldwide were affected by ransomware attacks, which is the highest figure reported in the last five years.
3. Number of targeted countries: In 2024, the United States of America was the most targeted country by ransomware attacks, with around 217.5 million attacks. The United Kingdom and Spain were the second and third most targeted countries, respectively.

4.Amount of money received : Between 2023 and 2024, the amount of money received by ransomware actors worldwide increased from US \$457 million to US \$1.1 billion.

5.Ransom payments: In the fourth quarter of 2024, 29% of ransomware attacks resulted in a ransom payment, which is down from 41% in the previous quarter. The average amount of ransom paid also decreased significantly from over US \$850,000 to US \$569,000.

6.New attack strategies: In 2024, threat researchers published more than 30,000 new Common Vulnerabilities and Exposures (CVEs), which is 15% higher than the previous year.

A strong cybersecurity framework is essential for economic stability. Businesses depend on secure networks to operate efficiently and maintain customer trust. In the absence of robust security, companies face financial penalties, legal consequences, and loss of consumer confidence. Moreover, governments rely on secure systems to protect national security, manage critical infrastructure, and ensure public safety. Cybersecurity is not merely a technical necessity but a societal imperative in an increasingly digitized world.

Cybersecurity also plays a pivotal role in protecting individual privacy. With the advent of social media, e-commerce, and online banking, personal information is more vulnerable than ever. Unauthorized access to personal data can lead to identity theft, fraud, and emotional distress. By securing digital platforms, cybersecurity upholds the rights and freedoms of individuals in the digital age.

2. Challenges in Implementing Cybersecurity

Despite its importance, implementing effective cybersecurity measures is a complex task. One of the most significant challenges is the rapid evolution of cyber threats. Attackers continuously develop new techniques, such as advanced malware, phishing schemes, and zero-day exploits, to bypass security measures. This dynamic environment requires organizations to invest in adaptive and proactive security solutions, which can be resource-intensive.

Another challenge lies in the integration of cybersecurity into legacy systems. Many organizations operate on outdated infrastructure that lacks modern security features. Upgrading these systems can be costly and time-consuming, often requiring a complete overhaul of existing processes.

The shortage of skilled cybersecurity professionals further exacerbates the problem. As the demand for cybersecurity experts grows, organizations struggle to find qualified personnel to design, implement, and maintain security systems. This skills gap leaves many entities vulnerable to attacks.

Human error is another critical factor. Employees often fall victim to phishing attacks or inadvertently expose sensitive information. Effective cybersecurity requires not only technical solutions but also comprehensive training programs to cultivate a security-conscious culture within organizations.

Moreover, the cost of implementing cybersecurity measures poses a significant barrier, especially for small and medium-sized enterprises (SMEs). While large corporations may have the resources to invest in advanced security technologies, SMEs often operate on tight budgets, leaving them more vulnerable to attacks.

Lastly, regulatory compliance adds another layer of complexity. Organizations must navigate a maze of legal requirements and standards, such as the General Data Protection Regulation (GDPR) or the Cybersecurity Maturity Model Certification (CMMC). Ensuring compliance can be challenging, particularly for multinational corporations operating in diverse legal environments.

3. Conclusion

Cybersecurity is indispensable in protecting the digital assets, privacy, and trust that underpin modern society. As cyber threats become increasingly sophisticated, the need for effective security measures continues to grow. However, implementing robust cybersecurity systems is a multifaceted challenge that requires addressing technological, economic, and human factors. By fostering collaboration among governments, businesses, and individuals, and by investing in education and innovation, society can overcome these challenges and build a secure digital future. The importance of cybersecurity cannot be overstated, as it is the foundation upon which our digital world is built.

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6. **Did you know? Julius Caesar used a simple shift cipher to send secret messages. Sometimes, shifting perspectives helps!**

The Rise, Fall, And Resurgence Of Gautam Adani

Once seen as a driving force behind India's economic rise, Gautam Adani built a multinational conglomerate spanning energy, infrastructure, and logistics. His meteoric ascent propelled him to become the world's second-richest person in September 2022, amassing a staggering \$155.7 billion fortune. For a moment, he stood atop global wealth, shaping markets and economies. In January 2023, the fortunes of the Adani Group took a dramatic turn. The catalyst for this downfall was the release of a report by Hindenburg Research, a U.S. - based financial analysis firm known for its critical stance on overvalued companies. The report accused the Adani Group of stock manipulation, financial misreporting, and irregularities in offshore shell companies. It claimed the conglomerate had inflated the value of its stock and failed to disclose key financial risks to investors.

Adani Group vehemently denied the allegations, calling the Hindenburg report "baseless" and part of a larger conspiracy to defraud investors. Despite these efforts, the damage had already been done. Credit rating agencies expressed concerns over the group's high debt levels and financial stability. The Hindenburg report, shook the Indian stock market, leading to increased scrutiny of Adani Group's operations. Several planned expansions were put on hold, and investors began to lose confidence in the company's future.

As of February, Gautam Adani is actively leading the Adani Group through legal and financial challenges while making a strong comeback in infrastructure and renewable energy. Despite facing a U.S. indictment for alleged securities fraud and bribery, he continues to drive the company forward, reporting its highest-ever EBITDA of ₹86,789 crore. The group is expanding its presence in renewable energy, infrastructure, ports, and logistics, reinforcing its position as a key player in India's economic growth. While investor confidence remains cautious, Adani is focused on strengthening operations, securing new projects, and restoring trust amid ongoing regulatory scrutiny.

Adani's fall marks a significant moment in India's economic history. What began as a remarkable success story has now turned into a cautionary tale about the dangers of unchecked corporate growth and the importance of transparency, corporate governance, and investor protection. As the situation unfolds, the Adani Group's future will likely serve as an important lesson for businesses, regulators, and investors around the world.

M. Tarani
B.Tech 3rd Year ECE


Review of Sam Altman's Article "Three Observations"

The article "Three Observations" by Sam Altman discusses the potential benefits of Artificial General Intelligence (AGI) for all of humanity. The renowned author provides a brief insight into how AGI will shape the future. While many of us consider AGI to be similar to tools like Chat GPT or Gemini, Sam emphasizes the distinct significance of AGI. He explains how AGI will address complex problems at a human level across many fields. While AGI's potential to solve complex problems is profound, its economic impact is equally significant, as it promises to reshape industries by automating tasks and driving productivity gains.


In this article, Sam discusses his observations about the economics of AI. According to a 2024 study by researchers from MIT Future Tech, the Productivity Institute, and IBM, about 23% of computer vision tasks that can be automated are expected to be profitably automated within the next decade. Other research suggests that the average cost savings from AI could be around 27%.

Sam offers a clear vision of AGI, stating, "It will be the biggest lever ever on human willfulness and enable individual people to have more impact than ever before, not less." I believe he is probably right, as certain individuals, such as Trump, Elon Musk, Mark Zuckerberg, and a few others from the top 0.1%, already have a more significant impact than ever before.

K. Sowmya
B.Tech 1st Year Chemical



"Don't watch the clock; do what it does. Keep going." – Sam Levenson



Embracing Failure: The Path to Growth and Success

Accepting one's own failure is the most difficult yet pivotal step in achieving growth and success. It's common for people to be distressed at even the bare thought of failure as failure is commonly associated with fear and shame in society. But an important fact that needs to be comprehended or engraved in everyone's mind is that failures are an inevitable part of life. A simple quote explains the nature of failures and growth, which is, "We fall, only for us to learn how to pick ourselves up."

Moreover, it is human tendency to dwell on the setbacks or the failure an individual has suffered. But fixation on failures, however, causes more negative consequences than the setback itself. Obsession over past mistakes can lead to feelings of anxiety, stress, insecurity, and even depression. This can often cause challenging and difficult situations for an individual, inhibiting them from personal growth and development and rather leading to a downward spiral of mental sanity.

It is very essential to break free from this mind-set and to acknowledge the situation in a perspective that failures are not downfalls, but are great opportunities to grow.

And moreover, acceptance of failure is also needed to overcome the fear of failure as fear of failure can hold back a person from giving an attempt towards their goals and dreams. Many people avoid trying to achieve their goals due to the criticism that one can face during setbacks.

In conclusion, one must embrace their own mistakes and failures. There can never exist something such as "perfect" success, without tasting defeat at least once. Success is not defined by the number of failures that an individual has faced, but it is defined by their reaction to failures.

R. S. Krish
B.Tech 1st Year ECE

India's Rise in Geopolitics: A New Global Power

Nowadays we often hear about India's growing affluence in world politics from several people who are considered intellectuals, where we are introduced to terms like geopolitics and soft power. So, what are these so called 'geopolitics' and 'soft power' for which India is being applauded and most importantly, how does it matter to us? India, being the world's largest democracy and the fifth-largest economy, is emerging as a key player in the global geopolitics. With its growing economic power, strategic location, young population, and increasing influence in international affairs, India is now leveraging both hard power, i.e., military and economic strength, as well as soft power, i.e., diplomacy, culture, and technology to enhance its global influence.

As the world shifts from a unipolar to multipolar order, India's role in global affairs is more crucial than ever as being one of youngest major economies gives us an edge over others and is often regarded as demographic dividend.

Geopolitics is the way nations interact and compete on the global stage which may seem distant from our daily lives, but it has a very direct impact on us in several ways from the prices we pay for goods to digital world. If we have a look at recent example of Russia-Ukraine war which caused a spike in oil and gas prices worldwide and Germany's reliance on Russian gas before war led to an energy crisis when supplies were cut, increasing fuel prices in Europe. When we have a look at our own country it banned tik tok and several other Chinese apps over security concerns, impacting millions of users and digital businesses. When we observe these couple of examples we tend to understand that Geopolitics isn't just about governments and military strategies it affects our jobs, digital freedom, energy costs and various aspects as well. As global tensions evolve, individuals must stay informed about world events because what happens on the international stage ultimately shapes our daily lives.

From Yoga to Silicon Valley: India's Soft Power in shaping Global Trends

While military and economic strength define hard power, soft power is India's secret weapon in global diplomacy. India's rich cultural, technological and diplomatic influence has expanded its reach far beyond military strength. India's movies, music, spirituality and food have gained popularity worldwide.

India's growing influence on the global stage is making daily life more interconnected, economically stable and technologically advanced. Whether it's through job creation, digital innovation, affordable energy or travel freedom- India's geopolitical power is shaping the future in ways that directly impact its citizens. As India continues to rise, the key challenge will be ensuring that economic growth, security and technological advancements benefit all citizens while maintaining balance in global politics.

Vaibhav Raj
B.Tech 1st Year Civil

UPCOMING HACKATHONS AND COMPETITIONS

CodeForge 2025 at Gurgaon

CodeForge is a coding competition aimed at testing participants' problem-solving and programming skills.

Prizes: Worth ₹4,00,000

Event Date: April 12, 2025

Registration Deadline: March 20, 2025

HackWithInfy 2025 by Infosys

HackWithInfy is a nationwide hackathon by Infosys, providing students an opportunity to showcase their coding skills and win exciting prizes.

Eligibility: Open to students graduating in 2026

Prizes: Up to ₹5,50,000

Registration Deadline: March 31, 2025

How Campus Life Helps Us Come Out Of Our Comfort Zone?

“Maybe I'm just too shy. I can't do this" No, dear. You are an introvert and that won't get you further in your work life. Let's see how we can deal with that.

We all have issues with socializing with people and grabbing opportunities without fear or embarrassment but guess what?! Everyone faces this in their life. No exceptions for that. There's always a first time for everything. No one gets a perfect score on their first French test. No one gets 10 million dollars on their first investment on stocks. No one does perfect on their first film. Everyone had their fair share of bad experiences. But do you know what's that something that feels worse? Not getting started at all. Thinking “Oh! I wish I've done that!”. Yeah, that feels worse. And guess who can help with that? Our campus life. Yes. It is our campus life. “But how?” Well, let's get in into that.

Campus life offers us many opportunities and events to explore and level up. It encourages students to learn more from different perspectives and experience. It pushes us to step out of our usual routine/cycle and try out new things. Campus life helps us break out of our slump and lock in to make a difference in our daily lives.

We get to meet people from different cultures and socioeconomic backgrounds with different views and interests. This enables us to view how different people's perspectives on life are. This forces us to engage with them and understand life better by broadening our mind set and perspective. Talking to our classmates and seniors really helps us grow both in both personal life and work life. We understand how to socialize with people and eventually figure out how we can make our choices regarding our inner circle of friends and networks with people. This helps us become a person smart which is a great tool we can use for multiple purposes. For example, we can get to know how to react to different people in different situations which makes us attain heights of power in our work life by experiencing and exploring behaviours of our friends and people around us. Getting to know how to deal with people is a super power.

The social dynamics on campus can encourage us try out new things, especially when our peers are actively engaged in learning and participating various activities. “But that's peer pressure” Well, yeah. But isn't that useful? Next advantage with campus life is that they offer access to advisors, lecturers, mentors, professors and seniors who can provide guidance with academics and focus and also make it easier for us to get out of our comfort zone. Interacting with people who had experience in your respective field of studies is a power move.

The daily activities of a student include attending classes and labs , studying course materials, participating in group discussions with peers regarding studies, completing assignments and attending exams. In addition to these, we also prepare for presentations where we get to research about various topics and deliver the information to our peers and teachers. This helps us become more confident in our ability to speak to larger audience.

One more thing that can't be left when talking about how campus life can help us step out of our comfort zone is clubs. Joining clubs and attending events can help us gain a lot of knowledge and experience. Academic clubs help us navigate our future work lives and also help us develop our skills in our respective fields. We also have cultural clubs to reconnect with our hobbies and culture. Actively participating in cultural clubs can also help us relieve stress from our academic life. From sports to music to debate, there are many cultural activities available in our campus lives where we actively engage with others and enjoy a vibrant social scene beyond academics. We can gain practical experience in leadership during teamwork and build connections with peers.

The experiences on campus can shape our path of life in meaningful ways. Campus life also gives us infinite memories and experiences with our loved ones. We make friends in the first few weeks and stick to them for years! We make memories with them for the next few years. We attend classes with them. We attend fests with them. We travel with them. All these are beautiful memories that can never be forgotten.

A good campus life enhances our mental well-being by creating a supportive environment for us. It helps us manage stress and develop resilience. A welcoming atmosphere can feel warm and reduce the feeling of loneliness. We can create a support system which encourages us to explore and express without losing confidence. A positive campus environment can provide safety to students as it prioritizes security. Feeling secure boosts our confidence and resilience. This helps us to feel at ease when coming out of our comfort zone.

“But I’m too scared for this” Well, it’s easier to say that when you don’t how deeper the pain of regret than the pain of embarrassment. You have to understand that embarrassment only stays for the moment but regret will haunt you for eternity. “But what about the time I feel too stressed to do it all? Or too lazy to do any of these?” That’s called procrastination. But don’t worry. We can beat it too. There’s a famous quote from Abraham Lincoln that says “You cannot escape the responsibility of tomorrow by evading it today”. Motivation isn’t enough. You need discipline and dedication to be consistent in our efforts.

Do it today.

Talk to your professors and senior.

Discuss with your friends.

Come out of your comfort zone.

Attend events.

Join clubs.

Make your campus life worth it.

K. Pavani Sirivalya
B.Tech 1st Year CSE

Study Plan For Electrical and Electronics Students

Engineering is not only the study of semesters. It's the adventure trip for 4 years, experiencing the best phase of friendship, consisting of all the golden memories with many emotions upgrading all your inner qualities.

1st Year:

The first year is all about making bonds with new friends, getting habituated to the college atmosphere, and implementing all the theoretical knowledge that we have learned in our intermediate. The first year is an era of building a strong foundation in mathematics and enhancing communication skills. Every student should participate in English literature competitions and in sports and cultural events. This is the year a student can score a high CGPA easily. It is the time to set a perfect goal and start working on the goal.

2nd Year:

It's the time to lay a strong foundation in the fundamentals. Electrical Circuit Analysis, Control Systems, and Engineering Electromagnetics are the most fundamental subjects and the foundation of every subject in the coming years. The 4th semester also includes fundamental subjects in electronics such as Digital Electronics and Analog and Digital IC Applications. Both these subjects not only give the basics of electronics but also introduce us to semiconductor applications.

The time we get in our second year is less than what we get in our first year, but it is the most crucial time to decide our career plans. If one wants to be in the core sector, it would be best to learn every fundamental subject from the 2nd year itself. Students who want to secure a good rank in the GATE examination should start with Aptitude and Engineering Mathematics and practice at least one question a day.

It is important to select a good idea for Design Thinking and Innovation (DTI), which will help enhance practical knowledge and reflect in your resume. Students can take help from their faculty members and also from their seniors. DTI would lay the foundation for building one's leadership qualities and help to work in a team.

3rd Year:

The year which is very confusing for students and also the year where one gets nervous thinking about their future. Some students start their GATE preparation, while some try to develop their coding skills. All of them work hard to land their dream jobs.

In this year, we will learn about the most important subject, Power Systems, which gives us a clear idea about the working of the electrical sector. One more subject from electronics is Power Electronics, which gives us a brief idea about the application of electronic circuits to efficiently convert, control, and condition electrical power from one form to another. Another subject, Electrical Machines, gives us a clear idea about the working of transformers, motors, generators, and also all the machinery in industries.

The subjects taught to us this year are the most scoring subjects in the GATE and IES examinations. Students should revise these subjects every day and also need to attend the lectures regularly so that it would be easy for them to crack their interviews. Students also need to start their preparation for the placement recruitment in this year. They also need to increase their social network by being friends with seniors and being active on platforms such as LinkedIn.

The internship we choose in this year helps us to build our resume and also helps us to learn and enhance our theoretical knowledge, which we can apply to real-world problems and solve them practically.

4th Year:

It's that time of our college life when we need to prove our ability and show our skills. Students need to focus on their final projects, which are complex and also require extensive research, design, and presentation. The final year project builds one's communication skills, leadership qualities, and also manages teamwork.

Students also need to attend mock interviews, increase their technical skills, and update their resumes. They need to attend many company profiles and prepare themselves to get placed in placement drives and interviews. Students will also get more time for preparation, which will help them secure a job either in the core sector or the software sector.

GATE EXAMINATION PATTERN:

Total time duration: 3 Hours

Total marks: 100

Total number of questions: 65

- 55 Technical questions → 85 marks
- 10 general aptitude questions → 15 marks

There are 3 types of question:

- Multiple choice questions (MCQs)
- Multiple select questions (MSQs)
- Numerical answer type questions (NAT)

Marking scheme:

- 2 marks questions → MCQs (Neg—2/3), MSQs (No Neg), NAT (No Neg)
- 1 marks questions → MCQs (Neg—1/3), MSQs (No Neg), NAT (No Neg)

Suggested Text Books:

Aptitude	R. S. Agarwal
Signals and Systems	Alan. V. Oppenheim
Engineering Mathematics	B. S. Grewal
Electrical Machines	P. S. Bimbhra
Power Systems	C. L. Wadhwa
Control Systems	I.J. Nagrath
Electrical Circuit Analysis	Sadiku
Power Electronics	P. S. Bimbhra
Analog and Digital Electronics	Ramakant. A. Gayakwad Morris Mano
Engineering Electromagnetics	Sadiku
Electrical Measurements	A.K Sawhney

*M. Dhanusree
B. Sindhu
B.Tech 3rd Year EEE*

*The key to unlocking knowledge is sometimes right in front
of you. But have you tried looking diagonally?*

Rise and Shine Turning Setbacks Into Triumphs

Failure is an inevitable part of life, but it is also a crucial stepping stone to success. Rather than falling to our knees in despair when faced with adversity, we should take responsibility for our actions, learn from our mistakes, and approach the future with a positive mindset. Just as we know light can't be seen without darkness, in the same way, we didn't know the value of good without experiencing bad, winning doesn't feel like a win until we experience how a loss is.

Take the example of Thomas Edison, a brilliant inventor who faced numerous setbacks on his way to creating the electric light bulb. Edison encountered countless failures, with many of his early experiments not yielding the results he had hoped for. Yet, instead of dwelling on these setbacks, he viewed each failure as a valuable lesson. When asked about his many failed attempts, he famously responded, "I have not failed. I've just found 10,000 ways that won't work." Edison's unwavering persistence and ability to learn from each mistake ultimately led him to the success that changed the world. His story shows that failure is not just an obstacle—it can be a crucial part of the journey toward greatness.

This principle applies to all professions. In the present-day situation, for students, the journey is often filled with challenges. Imagine a student who struggles to balance their coursework, extracurricular activities, and social life. Maybe they fail a test or miss an important deadline, which can feel like a huge setback. However, just like Edison, these moments of struggle aren't the end—they're an opportunity to learn how to manage time better, prioritize tasks, or ask for help when needed. Instead of seeing setbacks as failures, they can be viewed as stepping stones to better skills and personal growth.

On a personal level, poverty is not necessarily a limitation; it can serve as a catalyst for ambition and perseverance. Poverty isn't just about financial struggles—it can be a lack of values, knowledge, love, or opportunities. However, being poor in any aspect is not inherently bad if it fuels the drive to attain abundance. Similarly, not knowing something isn't a weakness; it is an opportunity to learn. Being average or below average doesn't equate to failure; instead, it keeps us grounded and motivated to improve.

Even when others see greatness as a threat and attempt to portray it negatively, it is often a testament to one's strength. Time, too, is not wasted unless we fail to recognize its value and learn to manage it wisely. Failure itself is not the enemy; rather, it is a mirror that reveals where we stand, who we are, and what steps we need to take to become the best version of ourselves.

Ultimately, it all comes down to perspective. Setbacks should never be discouraging; instead, they should be seen as guiding forces leading us to something greater. If this article falls short of perfection and some readers do not fully grasp its message, that, too, is a learning opportunity for me—to refine my communication skills and articulate my ideas better next time. Because even in failure, there is growth. And in growth, there is the promise of success.

N. Hema Ananth
B.Tech 3rd Year ECE

Threads of The Infinity: Unravelling The Universe

What is the origin of the universe?

This question has echoed through my mind countless times, often when looking up at the night sky, pondering our origins and place in the grand cosmic design. In those moments, my thoughts naturally wandered toward science, spirituality, and the intersection of the two—an intersection I would later discover was not as distant as I once thought.

The Big Bang: The birth of everything from nothing

The Big Bang Theory is the cornerstone of modern cosmology. The idea that the universe began as a singularity—a point of infinite density and temperature—shocked me at first. The thought that everything in existence, from galaxies to the stars and the very atoms in our bodies, originated from such a dense and tiny point made me pause. I recall my fascination as I learned that, about 13.8 billion years ago, this singularity expanded rapidly in an event known as the Big Bang, giving rise to space, time, and all matter. It's humbling to think that the universe, with all its stars, planets, and galaxies, began as nothing more than a tiny, unfathomably hot speck.

As I dug deeper into this scientific theory, I became enthralled by the evidence for it—like the cosmic microwave background (CMB), which acts like a photograph of the universe when it was only 380,000 years old. It felt like discovering a hidden story of our past, written in the fabric of space-time itself.

But even with all this data, I couldn't help but feel a certain emptiness—the question of what existed before the Big Bang, and why it happened in the first place, remained unanswered. It's as though science can show us the how, but it leaves us yearning for the why.

A Spiritual Reflection: Hindu Cosmology

One day, during my studies, I encountered Hindu cosmology—a worldview that resonated deeply with my desire for meaning. Hindu cosmology doesn't describe a one-time creation event, but instead, a cosmic rhythm—an eternal cycle of creation, preservation, and destruction. I reflected on the teachings of Lord Vishnu, who, according to Hinduism, lies in eternal slumber upon the cosmic serpent, Ananta, floating on the ocean of time. From Vishnu's navel springs a lotus, and from this lotus emerges Lord Brahma, the creator. It was a creation not from chaos, but from a dream.

I found myself drawing parallels between the idea of creation from nothingness in Hinduism and the scientific concept of the singularity—a state where time and space do not exist as we know them. In both views, the origin of the universe emerges from a mysterious, ungraspable state.

The Cycles of Creation: A personal connection

Hindu cosmology also introduces the concept of Kalpas—vast, cyclic periods of creation and dissolution that span millions of years. This idea of cosmic cycles of birth and death mirrored something I had experienced in my own life: the natural ebb and flow of joy, suffering, growth, and decay. As I observed the seasons change around me, I saw how life, in all its forms, is part of an infinite rhythm—a rhythm where creation and destruction are inevitable and necessary. It was a deeply comforting idea: that our struggles and triumphs, our beginnings and endings, are part of a greater, cyclical pattern.

In my own life, this perspective has made me more accepting of change and uncertainty. Just as the universe might collapse and then expand again in Hindu cosmology or in speculative theories like the Big Crunch, we too experience cycles of growth, renewal, and transformation. I've learned that even in the darkest moments of dissolution, something new is always on the horizon.

The Unanswered Question: What came before?

Both science and spirituality grapple with the same mystery: What came before the beginning? While the Big Bang can explain the how, it leaves the why unanswered. Similarly, Hindu cosmology speaks of the eternal nature of time, but it's difficult to comprehend what exists outside of this cycle.

I've come to see this mystery as a reminder that some questions may not have answers within the scope of our current understanding, and that's okay. It's the pursuit of these answers—the sense of awe and wonder at the universe—that enriches our experience of life itself.

The Beauty of the Intersection:

For me, the intersection of the Big Bang Theory and Hindu cosmology is a place of profound beauty. Science has given us the tools to observe the universe's origins in remarkable detail, while spirituality has provided me with a framework for understanding the cyclical nature of existence.

Conclusion: The Cosmic Journey within

At the end of the day, I realize that asking about the origins of the universe is not just a scientific or spiritual pursuit—it's a journey within. It's a journey of wondering, learning, and embracing the vastness of existence. Whether through the lens of modern science or ancient wisdom, the search for answers to life's most profound questions has the power to transform.

Saranya
B.Tech 1st Year Civil

Exploring Innovation at NSTL: A Day of Discovery

The Naval Science & Technological Laboratory (NSTL) field trip was an invaluable experience that provided students with a unique opportunity to immerse themselves in the world of scientific research and innovation. On that day we visited the project expo at Ramanath Senior Secondary School on the premises of NSTL, where we were introduced to new ideas and innovative projects. To begin with, the project which caught my eye was:

Robotic or Bionic Arm: A bionic arm works by picking up signals from a user's muscles. When a user puts on their bionic arm and flexes muscles in their residual limb just below their elbow; special sensors detect tiny naturally generated electric signals, and convert these into intuitive and proportional bionic hand movement. The bionic hand is controlled by tensing the same muscles which are used to open and close a biological hand. The Bionic Arm can also be controlled via an app which was specially designed to make the robotic arm function as the user wants it to work.

Smart Street Lights: These smart street lights work on the principle of electricity conservation as they can control the intensity of the light in its surroundings which is measured by a sensor called (In-Air sensor) which measures lumens per square meter (lux) and operates the light on its own without any human interference and it also operates the light based on the motion which can be helpful in many remote places.

Hydraulic Traffic Reducing System: Hydraulic traffic reducing system is a unique solution that helps ambulances reach their destinations quickly and efficiently. By operating the pavements through a hydraulic system, the pavement elevation reduces to road level, allowing emergency vehicles to escape heavy traffic and reach hospitals faster. All you need to do is provide the street pole number where the ambulance is stuck, and our control room will take care of the rest. With safety regulations in mind, this system is a game-changer in emergency response.

Smart Travel Bag: This bag is a game-changer, with state-of-the-art features that make traveling a breeze. With Bluetooth connectivity, the Smart Travel Bag can follow behind you, using its IR sensors to navigate through crowds and find its way back to you. And if you ever misplace your bag, don't worry - it comes equipped with a GPS live location tracker to help you locate it, through its live location tracker.

AUMDDS (Automatic Mines Detector And Decoy System): AUMDDS is a decoy capsule that helps underwater submarines sense and detect mines using high-frequency waves before the submarines reach it also it destroys a mine within a range of(250-500m) and it is made up of heavy-duty material like carbon fibre, cast iron, etc.

NSTL Technical Area:


ALWT (Advanced Light Weight Torpedo) also known as under the TAL (Torpedo Advanced Light) carries high explosives under the sea at a depth of (1770ft) and its speed ranges up to 33 km an hour and we also learned about propellers which are with specified with WGHWT, VARUNASTRA, ALWT. BLPM (Brush Less Permanent Magnetic) motor which gives efficiency greater than 90% with high torque and low-speed rotators, we also learned about different types of mines and torpedoes like, (MIGM-E, MIGM-C, PBGM, PBMM) which carries 6 tons of explosive and it has a pressure sensor which detects the enemy ship, submarine ahead of our ship or submarine and destroys the enemy ship or submarine and its attack range is about 200 km and PBGM and PBMM mines also has acoustic, electrical, magnetic, and pressure sensors which can also be used as decoys.

Their showcase museum had STEALTH ships like INS ASTRADHARINI which is a torpedo launcher and recovery ship that is about 650 tonnes and speeds up to 28 km /hr and missiles such as (SAHAYAK-NG, TORPBUSTER) which is the 4th generation weaponry that can be launched from any platform and is heavy duty and is also GPS enabled and lightweight with both long - short distance ranges. SFD (Submarine Fired Decoy) this mimics the torpedo and decoys the target ship and has maximum endurance even at the deep sea.


AUV (Autonomous Underwater Vehicles) and HEAUV (High Endurance Underwater Vehicles) these vehicles are used for sensing, detecting, underwater assessment, signalling, and oceanography, its covers the area about 23 lakh sq. km.

Overall the tour was eye-opening and gave me practical knowledge about how the world functions. I was introduced to some technical concepts that I had never heard of before, which will undoubtedly help me in my future learning and personal growth.

B. Harshitha
B.Tech 2nd Year CSE



"In the middle of every difficulty lies opportunity." – Albert Einstein



Developing Leadership Skills Through College Activities

What is leadership?

Leadership is a driving force to move the world, nation, and people. A person with good leadership qualities will not only develop him/herself but also the people around.

Importance of Leadership:

- To tackle different kinds of situations wisely.
- Effective leadership hinges on the ability to communicate & speak confidently in public.
- A person with good leadership qualities will be unique and will be recognized first in the group.

How to build Leadership?

- As we see many of the well-optimistic, enthusiastic towards learning new things.
- A good leader should be ready to build endless and confident conversation even if the subject is out of the court.

Building Leadership through College Activities:

Try to raise your voice in the group and get recognized by the big players. This is your preliminary step towards your growth as a leader.

Your journey as a leader begins through active participation in college activities. Engaging yourself in college clubs, organizing an event, and also collaborating with the peer group provides hands-on experience, decision making, problem solving, and teamwork. A leader should know how to use the capabilities of the group. Based on their skills, a leader should know how to segregate the work among the team members.

Personal Insights:

We started our journey by stepping into our college club, namely Rotaract, which changed our point of view on how leaders manage their responsibilities.

We participated in different events conducted by our club and also grabbed every possible chance to organize or lead any event. Through this, we learned how things work and how to accomplish the task. Obviously, our college daily routine will always be an obstacle to doing such activities, but the one who crosses that inch will be able to reach greater heights.

"Leadership isn't just about holding positions - it's about inspiring change, taking responsibility, and making an impact."

*K. Tharuna Priya & L. S. K. P. Varma
B.Tech 3rd Year Chemical*

How Campus Life Prepares You For The Real World: The Transition From College To Career

The transition from college to career is a crucial step in a student's life. While the transition may seem captivating at the beginning but it's quite challenging. The experiences and lessons learned during campus life, build a strong framework for professional growth. Campus life is not just about studies or curriculum, it also teaches some personality skills such as time management, leadership qualities, team work, managing stress, build communication skills, learn to work with diverse people and helps in professional building.

The most important skill, students learn from college is time management. In order to balance their academics, personal life and extracurricular activities, students need to be time - efficient and must be able to prioritize things. This discipline is applicable for their respective profession. For an instance, the employees have many responsibilities - to handle different tasks and meet deadlines. The skill learned in college helps them to work efficiently and independently. Communication skills are a significant factor in almost every profession. Participating in group discussions, projects, residing in dorms helps the students interact and communicate with diverse people and professors, leading to improve their speaking and writing skills and also build team work. This ability is useful in the workplace where the employees are introduced to different personalities and get involved in group discussions.

Campus often provides with opportunities to interact with the professionals, attend their lectures through fairs or internships. These interactions helps students build relationship with the professionals and may help them find jobs in the future. The instructors train and develop students for interviews and give proper instructions to write their resume effectively.

College students often experience stress due to academic pressures, financial issues and high expectations. Overcoming these challenges improve resilient mindset and emotional balance. In a job there will be hurdles such as heavy work load, project failures and unable to meet the deadline. The capability of staying calm and focused helps the individual to overcome the mental pressure effectively.

Campus life plays a significant role in transforming the students into capable, confident and a successful individual. The college acts as a mentor for students by teaching important skills such as time management, communication skills, working in teams, leadership qualities and maintaining emotional balance. These skills help them succeed in their career and personal life. Although the transition is quite difficult, the experiences gained in campus life provide a strong foundation for success.

M. Jyotsna
B.Tech 1st year CSE

Discipline: The Secret Ingredient to Achieve Success

The ultimate goal of every student is to be successful in life. All of us have a dream or set a specific goal in our life, and to achieve it, we tend to work hard for it. Students who pursue education put in their best efforts, but not all tend to be successful. They lack a very powerful habit or ability that can shape or alter their lives. And that habit is none other than “DISCIPLINE.” It is the basic and fundamental habit or ability that shapes a successful human being or a respectable citizen in society.

Discipline is the ability to control one's actions, behaviours, and emotions in order to achieve long-term goals, maintain focus, and make decisions that align with personal values and objectives. It involves self-control, consistency, and the ability to resist short-term temptations for greater future rewards. The root word of discipline is “disciple,” which comes from the Latin word “Discipulus,” meaning “student.” It starts right from our childhood until we are old. Discipline is the primary ingredient for achieving long-term success. It is of different types. They are:

Self-Discipline: The ability to control one's own behaviour, emotions, and actions in the face of temptations and distractions.

Social Discipline: The ability to adhere to societal norms, rules, and expectations, particularly in social settings.

Mental Discipline: The ability to focus, think clearly, and maintain a strong character, especially in the face of challenges or stress.

Academic Discipline: The practice of focusing on studies, completing assignments on time, and maintaining a consistent approach to learning.

Physical Discipline: The commitment to maintaining physical health through consistent exercise, proper nutrition, and rest.

Emotional Discipline: The ability to manage emotions in a healthy and constructive way.

In a student's life, the most important types of discipline required to have a good career are Self and Academic Discipline. These two types of discipline shape the thought process and the academic growth of the student in order to be successful. Discipline is important for a child, a student, or any individual leading a successful career. Discipline is crucial in every area of life, as it lays the foundation for growth, success, and well-being. Here's how discipline contributes to different fields.

Personal Growth: Discipline is key to personal development because it helps individuals to form positive habits and break free from other useless habits. By committing yourself to habits, such as setting goals, practicing mindfulness, or prioritizing self-improvement, people can gradually transform their behaviours. Discipline creates a framework for continuous self-reflection, which increases personal growth and unlocks new opportunities for improvement.

Professional Success: In the professional world, discipline is often the difference between achieving success and falling short. Disciplined individuals tend to be more focused, organized, and reliable, allowing them to meet deadlines, stay on top of tasks, and handle responsibilities effectively. Discipline also enables professionals to stay committed to long-term goals and to persevere through challenges, even when the work becomes monotonous or difficult.

Health and Well-Being: Discipline is essential for maintaining good physical and mental health. Regular exercise, healthy eating, and proper sleep are all products of consistent discipline. Emotional well-being depends on disciplined habits like practicing mindfulness, managing stress, and creating a work-life balance. People who exhibit discipline in their health routines often experience higher energy levels, reduced stress, and a greater sense of overall well-being.

Discipline does have its benefits for a person who follows it and practices it daily. Here are some of the specific results people can expect when they include discipline in their routines:

Consistency and Achieving Goals: Discipline helps a person to achieve long-term goals by promoting consistent action. Regular practice, whether in education, work, or personal development, leads to steady progress.

Increased Productivity: Discipline enhances productivity by helping individuals stay focused and organized. Disciplined people are less likely to waste time on distractions and are better at managing their tasks efficiently. By sticking to schedules, prioritizing tasks, and avoiding procrastination, disciplined individuals accomplish more in less time.

Better Decision Making: Discipline encourages the ability to make thoughtful, informed decisions rather than acting impulsively. It allows individuals to evaluate situations objectively, resist emotional reactions, and consider the long-term consequences of their choices.

Improved Self-Confidence: Discipline builds self-confidence by helping individuals follow through on their commitments. Every time a person successfully completes a task or achieves a goal, they strengthen their belief in their own capabilities.

In the end, discipline isn't about being perfect. It's about making consistent efforts and committing to your personal growth. With time and dedication, anyone can cultivate the discipline needed to achieve their goals.



Engineering Minds Challenge: Crack The Code!

A secret message has been encrypted using a classic cipher. Your mission? Break the code and reveal the hidden message!

This challenge will test your problem-solving and cryptography skills. Are you up for it?

THE CHALLENGE:

Here's your encoded message:

RGRKE HYDKR GTPMN HIVUM PMRAP UZFGV

Can you decrypt it and uncover the hidden message?

How to Participate:

- ✓ Crack the code using logic, cryptography knowledge, or programming.
- ✓ Need hints? 3 hints are hidden in different sections of this magazine—find them

What to Submit:

- The final decoded message.
- A brief explanation of how you cracked it.
- Send your answers to **annualrevista@gvpce.ac.in**
- Deadline: 30th March 2025
- No AI tools allowed! This is a test of your skills!

The Story of an Unbreakable Spirit

In the bustling streets of Delhi, a young boy picked up a cricket bat, his eyes filled with dreams bigger than the sky. He wasn't the tallest or the strongest, but what he had was something far greater an unshakable determination. From the moment he held the bat, he knew his purpose. Early mornings, late evenings, and endless hours in the nets became his life. While other kids played for fun, he played as if every ball was a battle, every match a war. His father, his biggest supporter, watched with pride as his son turned into a cricketing sensation. One fateful night, tragedy struck. His father, the pillar of his life, passed away. The world expected him to suffer, to sit back, to take time off. But champions are built differently. The next morning, with tears in his eyes and a heavy heart, he walked onto the field for a Ranji Trophy match. Scoring a crucial 90 runs, he proved that nothing not even personal loss could shake his commitment.

That day, he didn't just play cricket, he made a promise to himself and to his father's memory that he would stop at nothing to be the best. And he did The boy grew into a warrior, a leader, and a legend. He became the backbone of Indian cricket the captain who led with passion, aggression, and an unbreakable spirit. He shattered records, chased impossible targets, and made the entire world admire his game. His international debut came in 2008, and from that moment on, he never looked back.

The Rise of a Warrior As he grew, so did his hunger. He wasn't content with just being good he wanted to dominate. He played with an aggression that was rare, a passion that was unmatched, and a consistency that made records crumble before him. He became the player opposition feared, the batsman bowlers dreaded, and the leader who carried an entire nation's hopes on his shoulders. His cover drives were pure poetry, his chases were masterclasses, and his presence on the field was nothing short of electric. He wasn't just playing cricket anymore, he was redefining it. His grit, fire, and refusal to accept defeat made him stand apart. He led not just with talent but with heart. He wore his emotions on his sleeve, played with intensity, and demanded nothing but the best—not just from himself, but from everyone around him. He turned passion into dominance, dreams into reality, and the game into his battleground...

And his name is Virat Kohli.

M. L. S. N. Sai Ganesh
B.Tech 2nd Year ECE

Beliefs Beyond Reason

Traditions, Myths, and the Unknown

Mankind has always aspired to understand everything in the world. Faith, belief, and logic have shaped human civilization, with faith and logic often in conflict. As we evolved, we developed ways to explain the supernatural, embedding these ideas into our daily lives. Despite scientific progress, many still adhere to seemingly irrational traditions driven by fear and mysticism.

Across cultures, numerous customs persist like believing a black cat crossing one's path brings misfortune or that breaking a mirror invites bad luck. The origins of such beliefs often stem from repetitive coincidences or traditions passed down over generations. Some argue these beliefs once had logical foundations, but over time, their reasoning has faded.

However, some practices go beyond harmless customs and enter the realm of cruelty. In India and other parts of the world, rituals like breaking coconuts on devotees, heads or the disturbing practice of baby tossing where infants are dropped from great heights continue despite awareness campaigns. Such extreme acts in the name of faith highlight the dangers of blind belief.

Psychologists and philosophers attempt to rationalize superstitions. The Butterfly Effect, a concept suggesting that small actions lead to significant consequences, provides an interesting perspective. Perhaps ancient cultures linked events through careful observation and recorded patterns that once made sense but have since lost context.

“Once logic steps in, faith ends.” While we cannot dismiss all beliefs, we must distinguish between cultural traditions and baseless superstitions. Awareness, education, and rational thinking are a key to dismantling harmful customs while respecting core beliefs. Striking a balance between tradition and reason will lead us toward a more enlightened future.

P. Sriram Yashwanth
B.Tech 3rd Year Mechanical

Whispers of Winter

It was the month of December, unlike every other year, instead of sitting on my bed and reading books, that year was going to be something different and exciting. I was very elated and overjoyed. Guess what! I was about to experience my first snowfall in my sixteen years of life. Could I be this excited about it? Right. After travelling some kilometres, I finally reached the ultimate getaway with an endless insight. Manali - The Valley of Gods.

And then the D-Day arrived. I was completely packed in thick, fuzzy jackets and leather boots. My surroundings were eccentric. Definitely not my type but new and every bit of it were utterly fascinating.

The time had come. I took my first step into the fresh, pristine snow. I heard a soft crunch. It was slippery but I was still able to balance. The snow appeared as diamond dust particles in the sunlight. The snowflakes were twinkling, turning the colour of snow into a unique shade of white that I had never seen before. These were the thoughts running in my mind while I was guided forward. When I slowly touched the divine frozen snow, chills ran down my spine. Not knowing what that strange feeling was, I felt enchanted.

This whole experience is like a therapy, helping us forget all our troubles at the moment. It is one of the simple breathtaking wonders that life has to offer. As I took one last look at the ethereal landscape, I knew this memory would stay with me forever.

G. Srinidhi
B.Tech 1st Year ECE

Your perspective will either become your prison or your passport.

– Steven Furtick


Mechanical Engineering in Everyday Life

Mechanical engineering is everywhere in our daily life. It helps to create machines and tools that make our tasks easier. For example, the car we drive to work, the fan we use to cool down, and the refrigerator that keeps our food fresh are all made by mechanical engineers. These engineers make sure the machines work well, are safe, and last a long time. Without mechanical engineering, many things in our home and outside would not be possible.


Mechanical engineers also help build big structures, like houses, bridges, and roads. They design systems to keep homes comfortable, like heating and cooling systems. They also design plumbing systems that bring water to our homes. Many machines used in construction, like cranes and bulldozers, are also designed by mechanical engineers. These machines make it easier to build large buildings and roads quickly.

In addition to these, mechanical engineers create many everyday devices. For example, they design washing machines that clean our clothes, elevators that take us to different floors, and even microwaves that heat our food. They make sure these devices work well and are safe to use. Thanks to mechanical engineers, we can enjoy modern technology that makes life easier and more comfortable.

M.V. Karthik
B.Tech 3rd Year Mechanical



"Success is no accident. It is hard work, perseverance, learning, studying, sacrifice, and most of all, love of what you are doing." – Pelé



Friendship With Nature

There was a dense forest which was filled with many trees, flowers and animals. In this forest there were three special friends, innocent squirrel Chikoo, parrot Meetu and small doe Rani. These three friends played, ate and enjoyed together. One day the forest suddenly became dry, the river water evaporated and trees shrivelled. All other animals struggled to find food.

Chikoo, Meetu and Rani were also tensed by thinking of their survival. “Chikoo said we have to do something otherwise we will die of starvation”. Meetu said “why don’t we make a plant together”, we need to help our surrounding forest.

Rani agreed and said we all are children of this forest. If we try to save this forest nature will help us. Three of them planned to work together. Chikoo with its sharp claws started to dig the roots of trees so that the roots reached the underground water levels. Meetu travelled to long distances to gather clouds together. When it was tired of flying it rested on trees.

Rani with its ability of running fast assembled other animals and inspired them to search for water sources. Eventually, hard work of the three friends yielded fruits. With the hard work of Chikoo, Meetu and Rani the trees were able to receive water and turned green. There was a rainfall too which filled the water sources like waterfalls and ponds in the forest.

In short span the forest was again filled with greenery, new leaves sprouted on trees, flowers blossomed and river started to flow. There was no limit to happiness to the animals.

Moral

If we help nature then it will always be fulfilled with its beauty and prosperity. If we care for the well being of nature it will reciprocate in a wonderful way.

Through this story we learn that with unity and hard work we can face any hardship with ease.

*D Vamsi Krishna
B.Tech 3rd Year ECE*

The Evolution Of Friendship In College: How Relationships Change Over Time!

A friend in need is a friend indeed! Is this a myth or a truth? Do you believe in this bond? Do you have friends, and have you ever experienced the end of a friendship? Well, so many questions to be answered.

B.Tech life is truly incomplete without getting to know each other. It all begins on the first day of college. At GVP, friendships start in places like the Dwarakamai hostel, college classrooms, the playground, the college garden, the canteen, and of course, the college bus. It all starts with introductions and eventually leads to hanging out with friends. We start by getting to know each other and tag each other as best friends. We have fun, eat together, and goof around. Regardless of which branch we belong to, we will definitely make friends. We form small groups, wear matching formals, maintain similar WhatsApp statuses, and post Instagram reels together. In those early days, it feels like the world is a better place with friends by your side. They support and protect you, defending you against anyone who talks negatively about you.

But this is true only until semester-1. Yes, trust me, I believe every second, third, and fourth-year student, as well as college graduates, can relate to this. The people you once considered your close friends will eventually find new treasures, new comfort zones. Just reminisce about your past friendships. The people who were once your closest friends are now just connections on your social media platforms.

In the near future, we meet new people, and inevitably, we begin to forget those old friends. Yes, it happens. These friendships are often temporary, and they don't last forever. There will be times when you're at your lowest point, and the so-called best friend you had in the early days of college will refuse to help you. They might not outright say no, but you'll feel it, because you've shared a deep bond with them and you can sense the change. This is when you discover who your true friends really are. This leads to the parting of ways. Whether it's due to academics, new social circles, or simply drifting apart, you will eventually be ignored.

Who will understand your pain? There comes a time when you need to stand out from the crowd, chasing your own goals and letting go of the past. But does this truly happen? Life is tricky; we often get attached to old memories. Sometimes, while scrolling through your old photos, you'll find memories with friends from the past. You'll feel that gap in the relationship, and this slow evolution of change will transform into a revolution in your life.

Many times, when I feel down, I wish I had a helping hand. But then I realize that my own hands are the ones that wipe my tears. Reality is hard to accept, but this is the current reality for many students in their friendship journey. B.Tech life teaches you a lot of things. By the time you finish college, you'll realize that your B.Tech battle was fought alone, and none of those relationships made you victorious.

If you made good connections along the way, congratulations—you're both lucky and unlucky. Lucky, because you've forged meaningful relationships; unlucky, because you'll eventually realize how much you've been misled by fake people.

There will be highs and lows in your friendships—emotions that touch you deeply: those smiles, those quirky moments, those cherished jokes, the fights, and the inside jokes. One day, all of this will come to an end. The time will come when you part from college, and though it may feel like a disaster, it's an essential truth we must come to terms with. From being surrounded by a group of people to standing alone, you'll walk away from college as a single person, with only yourself by your side.

Thanks to these four years of beautiful and challenging experiences remember, I've learned to stay unattached to fleeting relationships and find purpose within myself. Remember not to rely too heavily on anyone, because as time passes, people change. You were born alone, and you will leave college alone. As campus placements approach, everyone's goals, priorities, and lives will inevitably change. Accept the change.

This is B.Tech life—one bound by inevitable transformation. From being part of a group to standing alone as an individual to standing alone as a single hero, what you will ultimately realize is that, in the end, the most important thing to you is YOU.

P. Sai Joshitha
B.Tech 3rd Year CSM



"The only place where success comes before work is in the dictionary."

– Vidal Sassoon



More than a Degree

“College” feels like heaven after all the hardships endured while preparing for competitive exams— succeeding in some and failing in others. This phase of life brings a sense of peace that was majorly missing over the past two years, and many students eagerly look forward to it. The term “Engineering College” instantly reminds new students of numerous movies. We often fantasize college life, inspired by films like Happy Days, 3 Idiots, and Chhichhore, believing that college will be a completely different world. Though college life is not exactly like what is shown in movies, it is still quite similar. Our world suddenly feels more colourful. We regain the time lost due to academic pressure, and can finally chase dreams that have been buried in the recent past. It is a time with fewer restrictions and also a crucial period where self-control becomes essential.

This is a confusing stage in our lives because we are still treated as kids, yet we are expected to act responsibly at times. It becomes tough and uncomfortable to ask our parents for money, and various startup ideas flood our mind, yet the fear of implementing them continues to hold us back.

College life becomes memorable because of the friends we make. We hesitate sharing our problems with our parents, fearing that it might worry them. This is when our friends become our second family. They turn boring days into special ones. The right friends guide us through our struggles and call us out when we make mistakes. Finding the right people is crucial because these friendships are likely to stay with us through all our ups and downs and some may last lifelong. Therefore choose your tribe wisely.

College days do not just teach us about our subjects; they introduce us to society, responsibility, and different perspectives. They provide exposure that we lacked before. Before college, we mostly live under a protective shield, but this phase teaches us the value of money and the hard work required to earn it. It also sheds light on an important reality that we often overlook—“Life is not the same for everyone”. Because college is such a great experience, time flies by quickly. Four years pass in the blink of an eye. The first year is spent breaking the ice and making new friends, with college events help us find our people. The second year is when we truly enjoy and make quality memories. The beginning of the third year serves as a reminder of upcoming responsibilities like placements, GATE, GRE, MBA, or any other career path we choose. This is when we start preparing for the future while balancing a little fun. Before we know it, the fourth year starts and finishes in a flash, consumed by placements, projects, and internships. Treasure every moment you spend here. It can either be a lifelong memory, a regret, or a lesson. Try to minimize regrets, and remember that the lessons learned will prove valuable over time. This is also a period to dream big and achieve even bigger things. Always be ready for any and every adventure that is set to sail, who knows you might hit the jackpot in one.

M. Lakshmi Sruthi
B.Tech 4 th Year CSM

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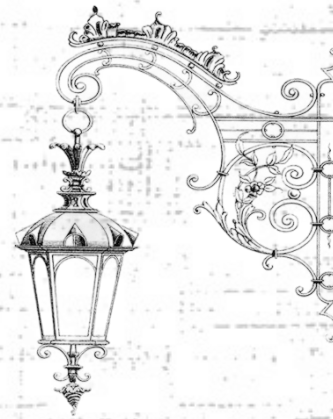
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Wings of Poetry...



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*Poetry is the heart's messenger,
A soothing touch in life's stress,
It flows naturally, a joy of words,
Bringing delight to all who read.*





The Shadows We Carry

Not all darkness comes with the night,
Some live within, hidden from sight.
A quiet ache, a heavy chest,
A tired soul that longs for rest.

Smiles we wear, but hearts still weep,
Secrets buried, buried deep.
A laugh, a nod, a casual "fine,"
Yet inside, we walk a fragile line.

Some battles no one sees at all,
Some nights feel like an endless fall.
Even in crowds, we stand alone,
Trapped in a storm we call our own.

But even the darkest skies can break,
With just one spark, one hand to take.
The weight we bear is not just ours,
Even the night still holds the stars.

B. Gayathri
B.Tech 3rd Year CSD



To December With Love

While life cradled me this year,
Singing a wistful lullaby, drawing near.
You came to me with a gentle sigh of grace,
To prepare for one more journey to embrace.

The laughter of friends, the warmth of home,
The quiet moments when we're alone.
Snow-dusted nights and twinkling lights,
You hold the magic of winter's sights.

Everything that I've made, you rewind,
Memories with loved ones – closely entwined.
How close are they? You ask with care,
So close at a distance that you and January share.

December, dear, being the chapter at the end,
Please be the best one to spend.
With every step, let the past unfold,
As I welcome the future, bold and untold.

P. S. Kedar
B.Tech 1st Year Mechanical





Whispers Of Brotherhood

*A tale of brotherhood and love,
A bond so pure, like stars above
Through highs and lows, he's been my light,
Guiding me through the darkest night.*

*With words of comfort and a listening ear,
He's wiped away every single tear.
In this world of chaos, he's my peace,
My brother, my eternal lease.*

*Though we fight so hard, we can't live without each,
Through storms and struggles, and lessons we teach
In his presence, I find my home,
In his laughter, I'm never alone.*

*In this digital age, with screens in our sight,
He's still my world, my beacon of light.
He's always the best listener, to all my stories I say,
With patience and kindness, he creates my way.*

*He makes decisions for me, like a true guiding star,
After father and mother, he's the one by far.
He scolds me when I do wrong, but with love in his eyes,
He's the one who helps me grow, helps me rise.*

*busy with phones and worldly demands,
Our bond remains strong, forever in our hands
We help each other, through thick and through thin,
Together we face whatever life may bring.*

*As he ventures into the world, for a job and a start,
I feel a tug at my heart, but I know we're never apart.
And I love him as deep as the Pacific Ocean,
A love that's boundless, in endless motion.*

B. Gayathri
B.Tech 3rd Year CSD



☆ ☆ ☆ — ☆ ☆ ☆

Wings Of Confinement

*I admit I am not like you,
Nor do you wish to be like me.
I lack the sight to see the sea,
Unlucky, for I cannot see.*

*Nor can I speak the way you do,
Only a few know what is true.
The real me, hidden deep inside,
Dreams to soar, to break, to glide.*

*There are some, who understand,
I need no pity, just a helping hand.
When I walk past, you stop and stare,
Some mock, some ask... how is this fair?*

*God gave me this path to tread,
But must I bear the words unsaid?
Is it wrong to dream and fight?
To chase my hopes, to find my light?*

☆ ☆ ☆ — ☆ ☆ ☆

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*Each day I strive, I fight, I rise,
To chase my dreams beyond the skies.
Yet all I wish is to be free,
To live my life, just being me.*

*Stack them high and start with care,
Pair the new with what's already there.
Two minutes is enough to begin,
Small starts will lead to bigger wins.*

*Through boredom's pull or tempting call,
Stay on track, don't let it stall.
With time and patience, growth will show,
As tiny steps help mountains grow.*

*James Clear's words are wise and true:
Change your habits; they'll change you too.
So start today, don't wait to climb
Small actions build a life sublime.*

Niharika
B.Tech 3rd Year ECE

☆ ☆ ☆ — ☆ ☆ ☆



Good Or Bad

*The place that I see,
Feels like a symphony.
Greenery is its beauty,
Purity being its nature.
Blooming flora,
Lively fauna.
Homosapiens gave themselves a name,
trying to bloom
in the nature's game.
Started from sharpening rocks,
to living together in flocks.
Fire, cloth and making wheel
Started to learn about
what they feel.
The place around I see,
now feels like a blasphemy.*

*Searching for it's identity,
ending it's productivity.
Fighting among masculine,
Hurt for feminine.
Killing and blasting,
Just for the ownership,
Swelling and wounding,
which could end in a blip.
Huge quakes,
Flaring Magma
Swallowing tornadoes,
Ending the creation of my Ma.
The place which now I see,
Is it good or bad?
The only thing to God I plea,
Not to end in misery and sad.*

**K. Mohan Koushik
B.Tech 1st Year CSD**



Invigilation

Three hours of eternity,
Forty anxious faces,
Silence-----
Signatures, sitting,
monitoring
And standing.
Travelling in time
To and fro
Striking a conversation
If
There is a willing soul
Or
Cooking and cleaning
(virtually)
Soaking or grinding
Dal for idli - dosa
Visiting tailor or dentist
Buying medicines!

Finally the Tea angel
Fills our boring lives with joy!
Contended we are
To endure half of the session-----
Sometimes past hits us
Or, present nags-----
Mind becomes a cauldron
Of questions and queries
The squad (with seemingly)
Enthusiastic but tired faces,
Try to make their presence felt.
Pockets, papers, suspicious souls-----
All checked.
The spring in the campus
And the autumn in our souls
Halts at 4:30pm.

Ms. D. Amrita
Assistant Professor
Department of English

సంస్కృతి, సంప్రదాయాలు నాడు-నేడు

మనని కన్ను తల్లి నుంచి, పుట్టిన దేశాన్ని తల్లిగా భావించే గొప్ప సంప్రదాయం.
కాని నేడు అదే స్త్రీకి భద్రతా లేదు.

ఒక చలనం లేని రాతిని ముల్లోకాలు సృష్టించిన వాడు అని నమ్మే గొప్ప సంస్కృతి.
కాని నేడు కదిలే సదిని కలుషితం చేస్తున్నాం.
భూమికి పుట్టిన ఒక తులసి చెట్టుకి నమస్కరించి, పూజించే గొప్ప ఆచారం .

కాని నేడు అదే భూమిని పనికిరాకుండా చేస్తున్నాం.
ఈ దేశంలో తపస్సు చేస్తూ కేవలం గాలి పీల్చుకొని కొన్ని వేళ్ళ సంవత్సరాలు బతికారు గొప్ప మునులు.

కాని నేడు పీల్చే గాలి ఊపిరితిత్తులకు సమస్యగా మారింది.
చెట్లును ఆరాధిస్తూ, పూజించే గొప్ప దేశం .
కాని నేడు ఆ చెట్లకు భూమిపై చోటు లేదు.
ఒక బిడ్డ 9 నెలలు తరువాత గర్భం నుంచి బయటకి వచ్చినట్లు...

మన స్వతంత్ర వీరుల 90 సంవత్సరాల పోరాటానికి నిదర్శనం ఈ దేశం!!

Rakshith Boyina
B. Tech 3rd Year MRB

తీరానికి ఎదురీదేజంటరి అల

విశాలమైన సముద్రతీరం....
తన (ప్రకాశవంతమైన కాంతితో సముద్రానికి కొత్తరూపం ఇచ్చిన వెన్నాల ...
వీచేగాలితో చుట్టూ ప్రక్కల శబ్దాలను వినపడకుండా సముద్రం చేసే సంగీతం...!
ఎత్తుకు ఎగసిన కెరటాలు చల్లగా కాళ్ళను తాకుతుండగా ...
పరిసరాలను ఆస్వాదిస్తూ విహరిస్తున్న ప్రపంచం ఒకవైపు ...
ఇప్పటి వరకు ఏం సాధించాం అనే బరువైన ప్రశ్న భుజాలపై ...
ఎలాగైనా సాధించాలనే మెరుగైన లక్ష్యం గుండెలో ...
భాళిజేబులతో ...
కాలుతున్న కడుపును కూడా లెక్కచేయకుండా నిర్విస్తున్న ఆశలకోటల యొక్క ఆలోచనలతో...
ఒంటరితనంతో స్నేహం చేస్తున్న స్వాప్నికుడు మరోవైపు ...
దేశానికి తప్ప దాహానికి పనికిరాని సముద్రపు కెరటాలే ఎగసిఎగసి పడుతుంటే ...
క్షర్ణిచకుంటే నీ సత్యా ఇది అన్నవాళ్ళని సైతం నీ ముందు తలదించుకునేలా చేయగలిగే సత్యా
అని చెప్పిన శ్రీ శ్రీ గారి మాటలను స్మరించుకుంటూ. ...
ఓపిక ఉన్నంత వరకు కాదు...
ఊపిరి ఉన్నంత వరకు పోరాడతా అని...
తన లక్ష్య సాధనకై పరుగుతీసాడు ...

D. N. V. S. D. Narasimha Swamy
MCA 2nd Year

అమ్మ గురించి

స్వస్తికి మూలమే అమ్మ
అమ్మ అంటే ధైవం, ప్రకృతి,
అమ్మ ఉన్న చోటు ఒక స్వర్గం;
అమ్మ లేని జీవితం ఒక సరళం.

అమ్మ పంచే ప్రేమ అంటే ఇష్టం;
అమ్మ లేని ప్రేమ ఒక కష్టం.
అమ్మ గోరు ముద్దలు అమ్మతం,
అమ్మ చేతి పంట ఒక నైపుణ్యం.

అమ్మతో గడిపిన సమయం ఒక జ్ఞాపకం,
అమ్మయి అనే పదంలో కూడా అమ్మ ఉంది.
అమ్మ స్నేహం ఒక మరువ రాని మంచి తనం,
అమ్మ చిరు నవ్వు ఒక వెన్నెల పువ్వుం.

అమ్మని ప్రేమించనవాడు భవిష్యత్తును గురించి కలగన్నవాడు, ఎన్ని కష్టాలైన
ఇష్టపడతాడు.

పెదవులు పలికే తియ్యని మాట అమ్మ అయితే,
పసిపాపల పెదవులు మొదటి పలికే పదం అమ్మ.

మన ఎంత ఎత్తు ఎదిగినా,
మనకి మొదటి గురువు అమ్మే.
మన మొదటి బడి అమ్మ బడి.
నింగిలోని చందమామ చల్లని వెన్నెల అమ్మ.

అమ్మ ఒడిలో నేర్చుకున్న ఓనమాలు మరిచిన ఫర్వాలేదు, కాని అమ్మను
మరచకు ఓ నేస్తామా!

క్షణం, క్షణం ప్రతిక్షణం అమ్మవనాలో సగం,
రెండు అక్షరాల పదం అదే అసలైన క్రమం,
ఫలం, పదం అమ్మ నాలో శాశ్వతం.

"అమ్మ ప్రేమ పాత తరానికి ఒక జ్ఞాపకం,
కొత్త తరానికి స్వాగతం."

G. V. S. G. Sai Mohan
B. Tech Mechanical 3rd Year

అజ్ఞానంలో అవివేకిననై

ఏ దృశ్యం కనులకు కనిపించినా వీక్షించే 'కెమెరా'ను నేనై
అజ్ఞానంలో అవివేకినై
జ్ఞాపకాలను నెమరువేసే 'వీడియో ఫ్లేయర్' ను నేనై.
అజ్ఞానంలో అవివేకినై
కర్ణభేరిని కదిలించి కడకు చెదిరిపోయే 'రికార్డర్' ను నేనై.
అజ్ఞానంలో అవివేకినై
ఆలోచన లేని పలుకులతో అన్వయం కాని స్వరాలతో ఎడ పెడ వాగే
'స్పీకర్'ను నేనై.
అజ్ఞానంలో అవివేకినై
ఎవరో శాసించిన వ్యాసాల్ని అనాలోచనగా వ్రాసే 'ప్రింటర్'
ను నేనై
అజ్ఞానంలో అవివేకినై
ప్రస్తుత తీరుని అనుసరించని మది గదిలో తర్కాన్ని
పుట్టించే 'థియేటర్'ను నేనై.
అజ్ఞానంలో అవివేకినై
ఈ యాంత్రిక రోజును సాగించేందుకు ఇంధనాన్ని శక్తిగా
మాల్చే యంత్రాన్ని నేనై.
అజ్ఞానంలో అవివేకినై
ఈ ఇంద్రియ దాసునకు ఈ క్షణమే ఓ మృధు భావనగా నా
యదనాధుడు వరమిస్తాడని ఆశిస్తూ
-మీ అంతర్భాషి

P. Surya Teja
B.Tech 3rd Year ECE

Joy Of Teaching

*In learning's heart, I find my rightful place,
As mentor, friend, within this vibrant space.
With every young mind, a bond of trust I weave,
Where thoughts take shape and knowledge we achieve.*

*I shun the rigid paths that schools once laid,
Embracing freedom where true skills are made.
No grades to bind us, just the thrill of quest,
In shared endeavors, we discover our best.*

*I watch them flourish, breaking every norm,
To challenge thoughts and weather any storm.
With questions sown, and every thought set free,
A brighter future waits—for all to see.*

*In this profound exchange of thought and grace,
We shape the leaders who will time embrace.*

Dr. I. Rajasekhar
Assistant Professor
Department of English

ఆరంభం, నా ఆకాంక్షకు ఆరంభం

నేను నా జీవితం
నాలో నేను, నాకోసం నేను
ఇదిగో ఇది నా ప్రయాణం
రైలు పట్టాలపై రాణిస్తున్న రైలులో
అదిగో అది నా ప్రాణం
కలవరపాటులో ఇలా ఈ కాలంలో
ఏ స్వస్తికి సరితూగనిది
నా జీవనం
నాకు నేనుంటు
ఆకాశంలో విహరిస్తు
పక్షులకై ముట్టులలో
ప్రేమై ప్రాణంగా ఉన్నా
పరవశిస్తున్న పున్నమి ప్రాంగణంలోని ప్రోత్సాహం లేని ప్రస్థాపనమై నేనొస్తా
చీకటిని చీలుస్తు విశ్వ వెలుగునై అవతరిస్తా, అలంకరణ అడగనిది నారూపం, మురి
రాణించనా
ఇలా ఎఘాసే కెరటం ల..
మరి థాకే ఆశలకై
ఈ అనంతంలో నా ఆలోచనై అగుతున్నా,
క్షణం అగిన నేను ఈ జన్మంతా జలమై జారిపోవాలనుకుంటున్నా
అనంతం ఈ లోకం, అంధులో నా జీవితం
కొనసాగుతున్న నా ఈ పయనం
పెదవి చివరి చిరునవ్వుగా
చింత లేని చిగురై సాగిపోతుంది...
నా ఈ విశ్వాంతి ఎరుగని
విజయ బాట
నేను నా లోకం, ఇదే నా ప్రపంచం

V. P. V. Charan Teja
B.Tech 1st Year IT

A poem on 'Atomic Habits'

Change begins with steps so small,
Not giant leaps, but steady crawl.
A tiny habit, done each day,
Can shape your life in every way.

"Make it clear," the first rule goes,
Let cues appear where action flows.
"Make it fun," let joy take part,
For pleasure fuels a willing heart.

"Make it simple," ease the path,
Small efforts help you do the math.
"Make it sweet," reward the gain,
Each little win will keep you sane.

It's not the goal that leads the way,
But systems built for every day.
For who you are is what you do
Your habits shape the future you.

Stack them high and start with care,
Pair the new with what's already there.
Two minutes is enough to begin,
Small starts will lead to bigger wins.

Through boredom's pull or tempting call,
Stay on track, don't let it stall.
With time and patience, growth will show,
As tiny steps help mountains grow.

James Clear's words are wise and true:
Change your habits; they'll change you too.
So start today, don't wait to climb
Small actions build a life sublime.

Dr. I. Rajasekhar
Assistant Professor
Department of English

స్వార్థ మరియు నిస్వార్థ జీవితాల మధ్య యుద్ధం

ఎవరికి కావాలి కష్టం, ఎందుకు తీర్చాలి ఎదుటివారి కష్టం, ఎదుటివారి కష్టం తిరిస్తే వచ్చే ప్రతిఫలం కనపడనిది విలువ లేనిది. కష్టంలో తోడు వచ్చేది నిజమైన ప్రేమ, ఇష్టం, అభిమానం. అవసరం కోసం పుష్టివి నిజం లేని ప్రేమ, ఇష్టం, అభిమానం. ఎక్కడ ఉంది ప్రేమ, సారంలో కలిసిపోయాక, అది స్వార్థపూరిత ప్రేమగా మారింది ఎక్కడ ఉంది నీతి, చెడుతో కలిసిపోయాక, అది అవినీతిగా మారింది ఎక్కడ ఉంది అభిమానం, నటనతో కలిసిపోయాక, అది అత్యాశగా మారింది ఎక్కడ ఉంది కృతజ్ఞత, మరుపుతో కలిసిపోయాక, అది అనవసరంగా మారింది తన గురించి తనను మాత్రమే ఆలోచించుకుంటూ, తన అవసరాలకు, అత్యాశకు అనుగుణంగా మారే ఊసరవెల్లి వంటి మనుషులే ప్రపంచంలో మిగిలారు. ఇటు వంటి ప్రపంచంలో సామాన్య మనిషి కూడా ఊసరవెల్లి వలే మారకుంటే వారి జీవితం ఎంత చిత్రవదకు గురి అవుతుందో చెప్పాలంటే..... వారికి మిగిలేది అశాంతి, బాధ, పట్టరాని దుఃఖం, అసహ్యం, ఇవన్నీ ఆ సామాన్య మనిషిని జలగలవలే పీడించును. ఆ చిత్రవద కంటే ఊసరవెల్లి వంటి జీవితమే సుఖమని భావించి స్వార్థ పూరిత జీవితాన్ని అలవాటు చేసుకోవాలా ? (లేక) సామాన్య మనిషిగా ప్రేమ అభిమానం, బాధ్యత, నీతి, దయ ఇవన్నీతో అశాంతికి గురి అవ్వాలా ? ఈ ప్రశ్నకు సమాధానం చెప్పేవారే లేని ప్రపంచమ, మనది?

Ms. Bharathi Sadhu
Assistant Professor
Department Of MCA

మానవుడు మరియు ప్రకృతి మధ్య స్నేహం

కనులు స్నేహం చేసింది వెలుగుతో పక్షులు స్నేహం చేసింది గాలితో వర్షం స్నేహం చేసింది మేఘాలతో చిరునవ్వు స్నేహం చేసింది సంతోషంతో కోయిల స్నేహం చేసింది వసంతంతో ప్రకృతి స్నేహం చేసింది అందంతో మాట స్నేహం చేసింది మంచితో పువ్వులు స్నేహం చేసింది చందనంతో..... స్నేహం లేని బంధం లేదు. స్నేహ భావం లేని ప్రేమ లేదు. స్నేహితులు లేని సృష్టి లేదు. అటువంటి స్నేహాన్ని చూడాలంటే..... పౌర్ణమి వెలుగు దాని రూపం పక్షుల కిలకిలలు దాని స్వ సముద్రపు అలలు దాని క్షవం నత్యపు మార్గం దాని ధైర్యం హిమ పర్వతం దాని మనసు పైరుల్లో పచ్చదనం మన జీవితాలతో..... అది చూపించి అనురాగం. అదే అనురాగాన్ని ప్రతివారిపై కలిగివుంటే. అది మన అందరి జీవితానికి ఇచ్చే గొప్ప వరం ప్రశాంతత... జీవితపు చివరి అంచుల వరకు నీకు, నాకు, ప్రతీ ఒక్కరి కి తోడుగా వచ్చేది, తోడుగా నడిచేది స్నేహం, స్నేహితులు...

Ms. Bharathi Sadhu
Assistant Professor
Department Of MCA

A Letter To God

Dear God,
 You painted the world with colours of love,
 And sent us to live just like the gentle doves.
 But we shattered your design, crossed your line, and
 went against your plan.

Drugs, the venom, consumes our souls,
 Steals light from life and drifts us away from our goals.
 Instead of cherishing the gift of breath,
 We invited home destruction and death.

Human trafficking, a wound that bleeds
 And innocence is sold to fulfill dark deeds
 Tears of mothers floods the night
 As children vanish from their sight.

The touch you meant to heal and soothe,
 Now scars and shatters, stealing the truth.
 Hands which were once warm now sow despair,
 Leaving wounds too deep to repair.

Interactions, meant to foster friendships
 Has now taken shape of ragging.
 Words are the new knives &
 Laughter the new cruelty.

You gave the childhood to live, laugh and learn
 But we made it a new method to earn.
 Child marriages crushed innocence,
 Forcing them to become adults.

The legal aid is as free as a bird with wings but just
 trapped in a cage.
 Justice whispers, but no one hears,
 Drowned in power, silenced by fears.

Oh God, have we betrayed your trust?
 Turning golden hearts into iron and rust?
 Our hearts which were once soft, now hardens with
 envy and greed,
 Leaving the love to bleed.
 Oh God! What did you want us to be
 And what have we become...

Shaik Mujeeb Alam
B.Tech 2nd Year ECE



☆ ☆ ☆ — ☆ ☆ ☆

My Apologizes To Father

My dear Dad,
It's been a long time since I saw you.
I'm sorry for what I did.
Sorry for failing to uphold the values you
cherished.
Sorry for fostering a world driven by
selfishness.
Sorry for making the morning stars (birds)
disappear.
Sorry for polluting the lungs of our mother
(Earth).
Sorry for building an artificial world.
Sorry for believing that streetlights shine
brighter than the sun.
I don't know what's happening here.
Have the rivers started flowing in reverse, or
have they dried up?

S. Harsha Vardhan
B. Tech 3rd Year MRB

☆ ☆ ☆ — ☆ ☆ ☆

☆ ☆ ☆ — ☆ ☆ ☆

Losing Eden

God gave us nature, pure and kind,
Yet greed has left us cold and blind.
Her rivers run, her forests breathe,
Yet we destroy and make her grieve.
She gives us life, yet we betray,
Calling it progress as she decays.
Mountains crumble, skies turn grey,
How much more will we throw away?
Then sickness spread, we hid in fear,
The world fell silent, still and clear.
No smoke, no noise, no poisoned streams,
And nature woke from shattered dreams.
The skies turned blue, the air grew light,
The stars returned to pierce the night.
She healed without us, strong and free—
Was this the lesson we failed to see?
Yet we rush back, we crave control,
Forgetting the price of what we stole.
How long before we understand,
That Eden thrives in careful hands?

B. Sherlie Angel
B. Tech 3rd Year CSM

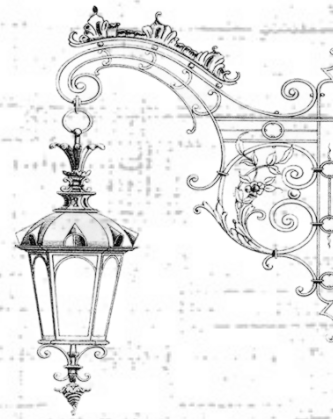
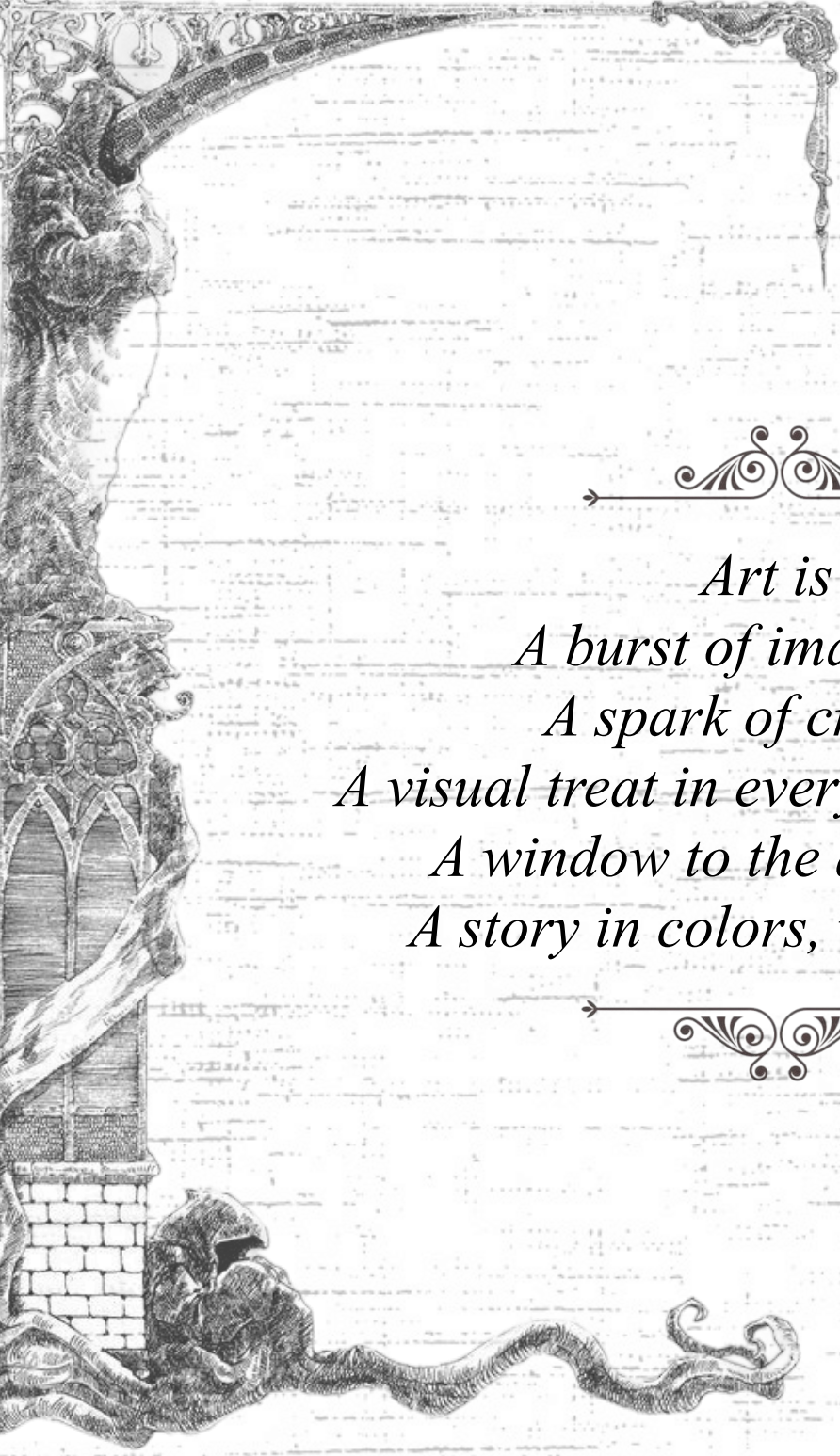
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THE

SKETCHBOOK..





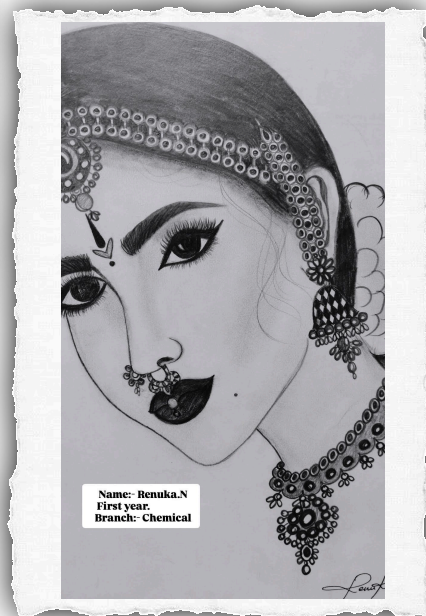
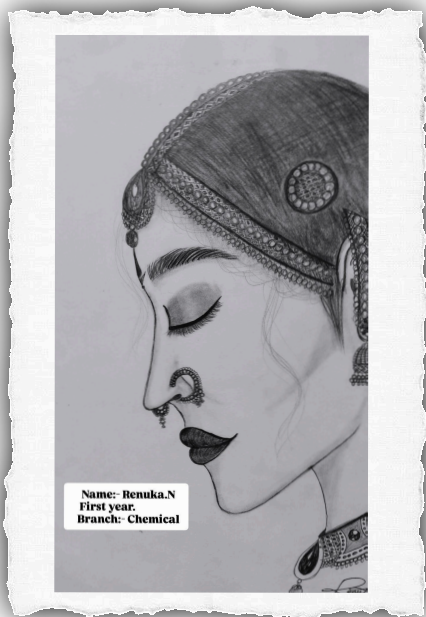
*Art is...
A burst of imagination,
A spark of creativity,
A visual treat in every line and stroke,
A window to the artist's heart,
A story in colors, without words.*



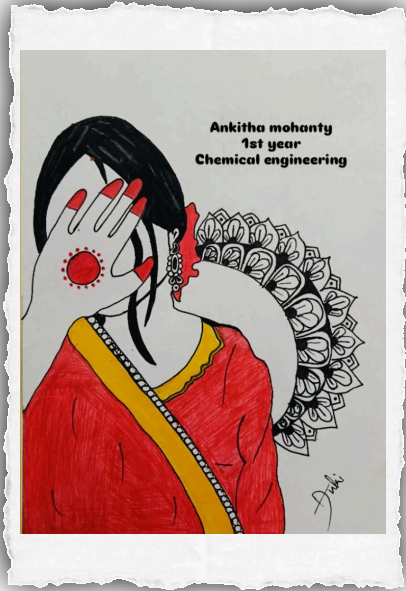


M. Jashnavi Devi

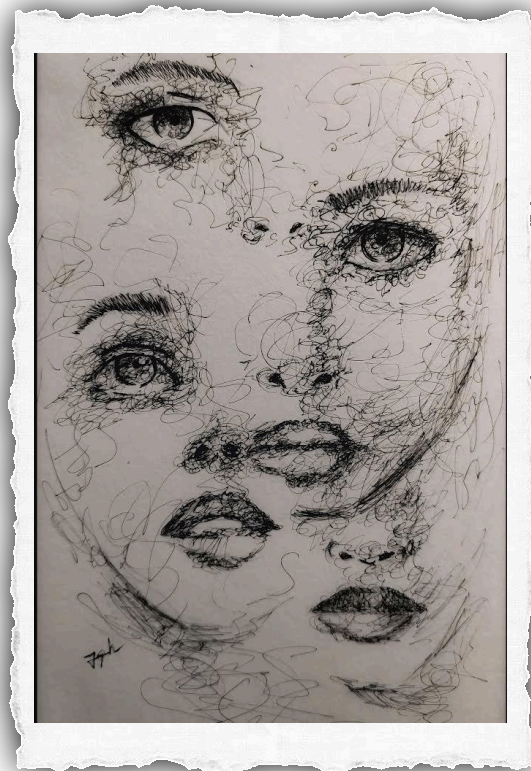
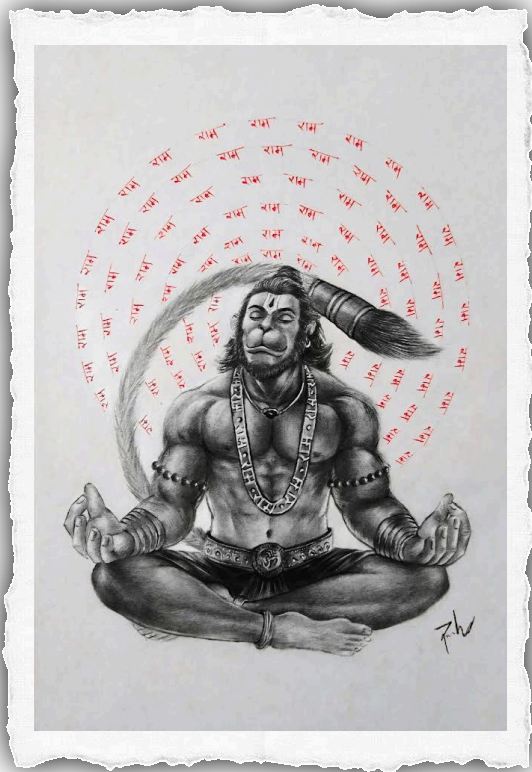
B.Tech 2nd Year ECE



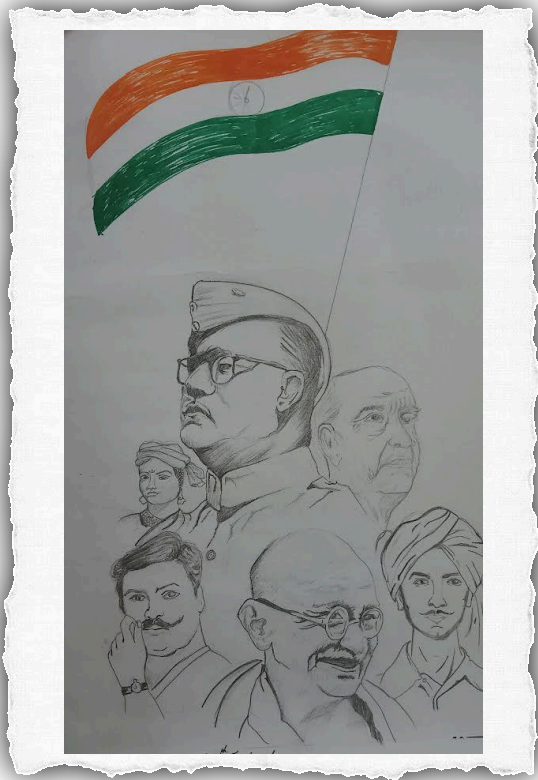
N. Renuka
B.Tech 1st Year Chemical



*M. Ankitha
B.Tech 1st Year
Chemical*



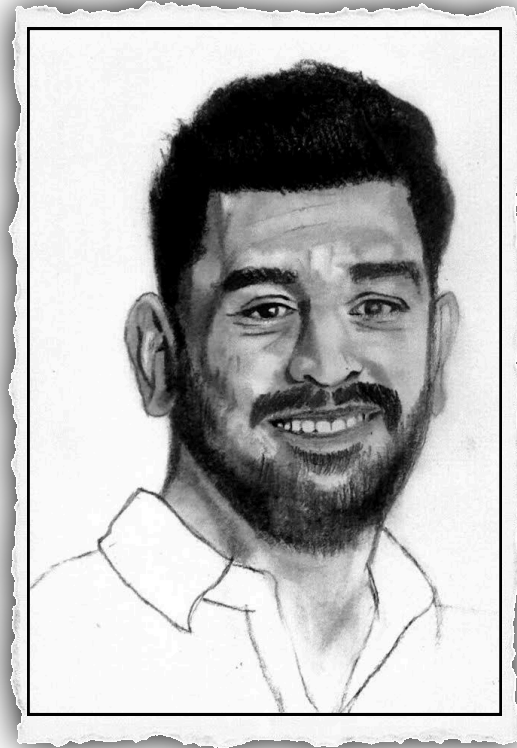
*M. A. Sahit Samay
B.Tech 1st Year ECE*



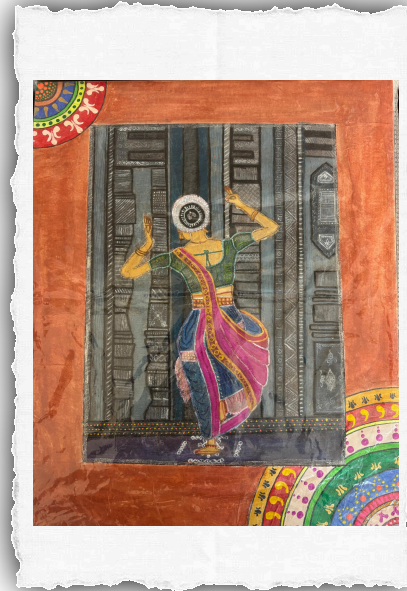
D. Satya Vardhan
B.Tech 3rd Year MRB



B. K. Jahnavi
B.Tech 2nd Year



D. Satya Vardhan
B.Tech 3rd Year MRB



*V. Harshapriya
B.Tech 3rd Year
Chemical*



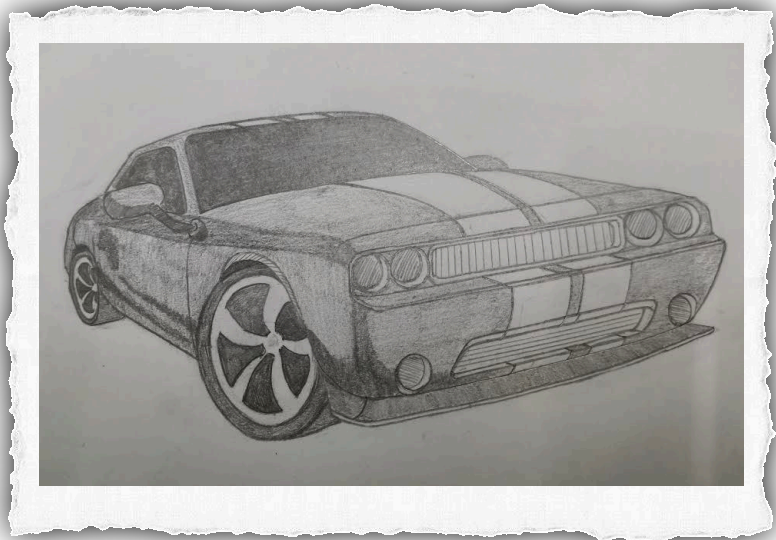
J. Feetha anushnavi
B.Tech 1st Year ECE



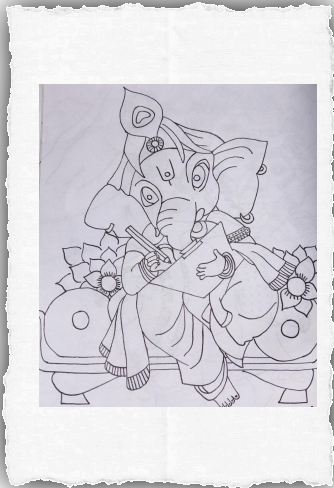
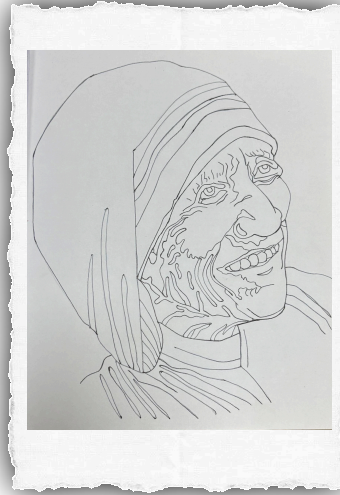
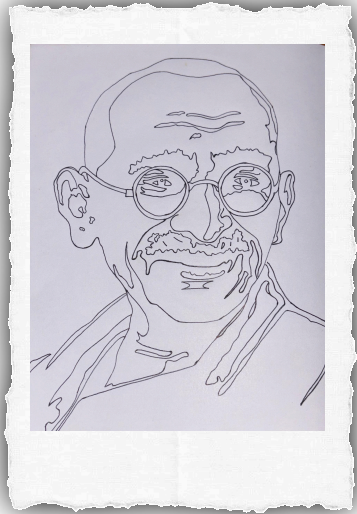
T. Kavya
B. Tech 3rd Year EEE



B. Benith
B.Tech 1st Year ECE



Mohammad Yaseennabi
B.Tech 3rd Year EEE



B. Sai Teja

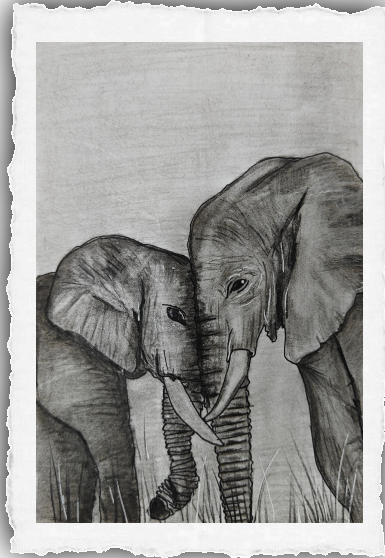
B.Tech 1st Year

Chemical



M. Sridhruti

B.Tech 1st Year ECE



M. Sridhruti
B.Tech 1st Year ECE



D. M. Mohana Sai Sruthi
B.Tech 4th Year EEE

DEPARTMENT OF TRAINING & PLACEMENTS

Overview of 2024 - 2025 Batch Placements

S.No.	Name of the Company	CHEM	CIVIL	C.S.E	CSE-AI	CSE-DS	E.C.E	E.E.E	I.T	MECH	MRB	Total B.Tech	M.C.A-JNTU	M.Tech	Total GVPCE-A	Pay Package
1	Typeface			1					1			2			2	1800000
2	CISCO			2								2			2	1790000
3	Darwin Box			1								1			1	1650000
4	Amazon-QAE					1						1			1	1560000
5	Tejas Network			1								1			1	1000000
6	Factset			3								3			3	1000000
7	Micron Chip			7	3							10	1		11	950000
8	TCS-Prime			12	7	1			1			21			21	900000
9	TCS-Digital			54	20	11			5			90			90	750000
10	TCS-Ninja		6	88	19	14	60	12	20	15	6	240	9		249	350000
11	Infosys SP			3		1						4			4	950000
12	Infosys		4	94	23	22	45	6	18	3	5	220	6		226	360000
13	Capgemini-SSE			4	1				1			6			6	750000
14	Capgemini-SE			19	4	4	11	1				39	1		40	575000
15	Capgemini-ASE		1	54	18	14	22	1	17	2		129	8		137	425000
16	LTI Mindtree		1	76	23	12	19	4	14	3	1	153	1		154	405233
17	HSBC			2								2			2	900000
18	ZOHO			9					3			12			12	840000
19	Moschip						2	1				3			3	600000
20	JMAN			2								2			2	600000
21	Paltech			6	1		1					8			8	600000
22	Gyan Data			2	3	3						8			8	600000
23	Pinnacle	6										6			6	600000
	PWC											0			0	600000
24	Innervive Power							6				6			6	450000
25	Rennault						10	3		5		18			18	450000

DEPARTMENT OF TRAINING & PLACEMENTS

Overview of 2024 - 2025 Batch Placements

S.No.	Name of the Company	CHEM	CIVIL	C.S.E	CSE-AI	CSE-DS	E.C.E	E.E.E	I.T	MECH	MRB	Total B.Tech	M.C.A- JNTU	M.Tech	Total GVPCE-A	Pay Package
26	Vistex									1		1			1	450000
	Covalense Digital			1		3			1			5			5	425000
27	CTS											0			0	410000
28	Rashmi Group									8		8			8	400000
29	Aarvee Associates		1									1			1	400000
41	Coromandel	2								3	1	6			6	425000
30	IMEG									1		1			1	360000
31	BSCPL		1									1			1	350000
	Raam Group									3	3	6			6	300000
32	Mechtronics									1		1			1	350000
33	Toweredge Engg.		3									3			3	300000
34	Sai Sri Constructions		19									19			19	300000
35	Thermal Systems									9	6	15			15	300000
36	Srinivas Ediface		7									7			7	300000
37	Stantec							2				2			2	300000
38	RYK Tech		34									34			34	250000
39	APEX Architects		1									1			1	300000
40	VCR Park Avenue		13									13			13	300000
42	NVLN Constructions		2									2			2	285000
43	Tech mahindra-BPO											0			0	285000
44	CSR-Sutherland											0			0	265000
45	WNS-operations											0			0	250000
46	Systems Associate											0			0	225000
TOTAL Offers		8	93	441	122	86	170	36	81	54	22	1113	26	0	1139	
Selected Candidates		8	71	211	53	45	100	26	43	44	20	621	18	0	639	
Total Eligible Candidates		36	63	266	69	60	207	101	59	80	40	981	54	3	1038	
Eligible With No Jobs		28	74	55	16	15	107	75	16	36	20	442	36	3	399	
Total In-Take		65	115	285	71	69	276	135	67	137	68	1288	59	9	1356	

Annual Achievements 2024-2025

Student Achievements

- 1.0
Student Team comprising :
- Korada Shanmukh Sai (Lead) - 21131A1226 (IT - 3rd Year)
 - Varanasi Pavan Kumar - 21131A1246 (IT - 3rd Year)
 - Battula Monika - 22135A1201 (IT - 3rd Year)
 - Meka Shree Ram - 21131A1223 (IT - 3rd Year)
 - Karri Jayanth Manikanta - 21131A4256 (CSM - 3rd Year)
 - Shaik Abu Bakar Siddique - 21131A1247 (IT - 3rd Year)
won the 1st Prize with a reward of 1 lakh for their project titled "Development of Software for Dubbing Videos from English to Indian Regional Languages," in the SMART INDIA HACKATHON 2023 held at Chandigarh Engineering College, Punjab.
- 2.0
- Student team from Gayatri Vidya Parishad College of Engineering was honored with a cash reward of Rs. 12.5K for their prototype, "Structural Health Monitoring with Autonomous Vibrational Analysis using Drones" in the AMANTRA Rise 2023, organized by Raja Ratna Institutions which aims to bridge the gap between innovators and inventions and encourage cash rewards to support ongoing innovation efforts.
- 3.0
- Mr. S V Sai Dheerendra, B.Tech. III Yr, Dept. of Mechanical Engineering, won the first prize of Rs.10,000/- in the Quarter Finals (South Zone) of the Aquest National Level Quiz Competition held at Loyola ICAM College of Engineering, Chennai representing ISHRAE Visakhapatnam Chapter.
- 4.0
- GVPCE Centre for Innovation and Incubation Incubatee Startup COWARCHAIC by G Damodar Rao, 21131A0486,ECE Student, won the 3rd Prize with a 10K cash award at the Enterprising Bharat Business Pitch competition. Cowarchaic promotes the themes on Tradition, Empowering Women and Protection of Cows etc.

5.0

The college team comprising

- Mr. M. Rohit Preetam (20131A5353, IV Yr. Mech. Engg. Robotics)
- Mr. S.P. Likhith (20131A5347, IV Yr. Mech. Engg. Robotics)
- Mr. Uday Kiran, (21135A5307, IV Yr. Mech. Engg. Robotics)
secured the 1st Prize in the National Technology Day-2024 Open House Exhibition organized by Naval Science and Technological Laboratory (NSTL) for their project "Design and Fabrication of Versatile Assistive Hand."

6.0

- Four (4) of our students from Youth for Seva || Rotaract || Vidyadaan || Youth for Sustainability of CFSR got selected as Finalists among the total 12 for APSICHE Community Service Awards 2024.
 1. M. Seshu Sai Kumar (MECH) - 20131a0367 - Youth for Seva
 2. Sarayu N (CSE) - 20131A05M4 - Youth for Sustainability
 3. G.K. Koushik (MECH) - 20131A0333 - Rotaract
 4. Sai Nirmal Kothuri (ECE) - 20131A04L9) –Vidyadaan

7.0

- Civil Engineering alumnus (2017-2021), Ushneesh Nandan Bolla (Roll No. 17131A0114) secured AIR 12th rank in UNION PUBLIC SERVICE COMMISSION's ESE 2024 examination. Mr. Nandan is currently with Military Engineer Services (Govt. of India) as an Assistant Director. He got into the current job via UNION PUBLIC SERVICE COMMISSION's ESE 2023 examination.

8.0

- Mr. Dileep Kumar, Roll No. 21131A4255, IV Year CSE (AI&ML)& and Tarun Yegireddi 21131A4243, IV Year CSE (AI&ML) secured the 1st Place for their Project Smart Vision Technology winning a prize Award of Rs. 1 lakh Electronics Gift Voucher in the Flipkart Grid 6.0 Robotics Track . The grand Finale was conducted at IIT-Madras.

9.0

- Student Team Comprising of
S. Subham, 323103310L18
M. Venkata Gopi, 323103382L04
S. Varma, 323103310L17
R. Karthik, 323103382L06
R. Navyasri, 322103310192
M. Rupasri, 322103310145
stood at 3rd position in the Smart India Hackathon 2024 held on 11-12 December 2024 at IIT Bhubaneswar for the project titled “Aluminium Rod Detection using physical properties”.

Faculty Achievements & Institution Achievements

10.0

Dr. Sanjay K. Darvekar Associate Professor, Dept. of Mechanical Engg., GVPCE(A) received Rs. 10 Lakhs Ignition grant towards the Project “Robotic Dishwasher, Automated Dishwasher and Handy Dish washer”.

Dr. P.P.S. Keerthi, Assistant Professor, Dept. of Mechanical Engg., GVPCE(A) received Rs. 6 Lakhs Ignition grant towards the Project, “Smart Street Lighting” from Andhra University Incubation Council (a-hub) under the Nidhi iTBI scheme from DST.

11.0

Dr. Birendra Biswal (Principal Investigator), Professor, Department of Electronics and Communication Engineering & Dean, R&D got sanctioned a project titled “A novel hardware embedded multivariate feature enabled health monitoring system for early diagnosis of Glaucoma” from DST-SERB under Core Research Grant for a total grant of Rs.50.49/- lakhs.

12.0

Dr. B. Keerthi Priya, Assistant Professor, Dept. of Electronics and Communication Engineering, got sanctioned a project proposal titled “Enhancing Sustainable Livelihood in Rural Areas by Empowering Tribal Women through Bamboo Fusion using Emerging 3D Printing Technology for Crafts” by Science for Equity Empowerment and Development (SEED) Division, Dept. of Science and Technology, for a total cost of Rs.46.00/- lakhs.

13.0

Ms. G.V. Hindumathi Assistant Professor, Dept. of CSE, GVPCE received Rs. 8.1 Lakhs Grant under MSME Idea Hackathon 3.0 (Women) towards the project “UNMASKING THE HIDDEN OBJECTS” under the concept area of Broad Area- Edge Computing using AI.

Mentors:

Mr. VVV Satyanarayana

Asst. Professor, Dept. of Physics, GVPCEW

Ms. P. Sravya

Asst. Professor, Dept. of CSE, GVPCE

14.0

Dr. A. Syamsundar, Professor, Dept. of Mechanical Engineering & Vice Principal conferred Certificate of Excellence in Research (Post Doctoral) by IIT-Kharagpur in recognition of the research work on “Modelling and Analysis of the Reliability of Industrial Repairable System”

15.0

Gayatri Vidya Parishad College Of Engineering (A) was awarded the “**Best Engineering College Award-2023**” (sponsored by Srinivasa Ramanujan Institute of Technology (A), Anantapur) by the Indian Society for Technical Education (ISTE) AP Section. The Award was presented during the function held on 25th October 2024 at G Pulla Reddy Engineering College (Autonomous), Kurnool .

16.0

Gayatri Vidya Parishad College of Engineering accredited by NAAC at ‘A++’ Grade for 7 years in the 3rd Cycle.

Alumnus Achievements

17.0

Dr. B. Dileep Kumar, (a proud 1998-2002 alumnus of Gayatri Vidya Parishad College of Engineering)Head, Department of Chemical Engineering, JNTU Anantapur,, received the BEST TEACHER AWARD from Honourable Chief Minister, Andhra Pradesh in the year 2024.

DEPARTMENT OF PHYSICAL EDUCATION

Student's participation in the South-Zone Inter-University tournaments.

Sl.	Name of the Student	Class & Roll No.	Event	University
1.	Mr. B.V.S. Akhil	II yr. Chem (324-L01)	Chess	Andhra Univ.
2.	Mr. K. S. Gopala Reddy	I yr. EEE (324-4103)	Chess	Andhra Univ.
3.	Mr. A. Sampath Karthik	I yr. CSE (3240003)	Chess	Andhra Univ.
4.	Ms. B. Nikhitha	IV yr. ECE (210456)	Table Tennis	JNTU-K
5.	Ms. Ch. Jyoshika	IV yr. ECE (322-034)	Table Tennis	Andhra Univ.

International Achievements

1. Mr. Y. Anudeep of 3rd yr. C.S.M. won

Second place in the individual Kumite event and

Third place in the individual Kata event for Sr. men category in the 8th Invitational International Karate championships held at Visakhapatnam on 1st & 2nd Feb. 2025.

South Zone Junior National Athletic Meet.

Mr. Sk. Basheer of 3rd yr. E.E.E.-2 (322103314064) won

Bronze medal in 400 mts relay men in the 35th South Zone Juniors Athletic meet held at Acharya Nagarjuna University held on 19th Oct. 2024.

Open Nationals

Ms. L.S.C. Sravanthi of 2nd yr. E.C.E.-2 (323103312109) won

Silver medal in the 2nd India Skate Open Nationals held at Pollacchi, Coimbatore during 7th-11th Aug. 2024.

A.P. State Meets

1. Mr. Sk. Basheer of 3rd yr. E.E.E.-2 (322103314064) won

Gold medal in 400 mts mixed relay

Silver medal in 400 mts Hurdles and

Bronze medal in 400 mts race in the 37th A.P. State Juniors Athletic meet held at Rajamahendravaram on 4th-5th Oct. 2024.

2. Mr. S. Srinivas of 1st yr. Chemical Engg. (324103302048) won Gold medal in (105 Kg. class) classic powerlifting event and Gold medal in (105 kg. class) powerlifting Bench press event during the 11th A.P. State powerlifting championship held at Amalapuram on 14th-15th Nov. 2024.

Visakhapatnam District Meets

1. Ms. L.S.C. Sravanthi of 2nd yr. E.C.E.-2 (323103312109) won Silver medal in the Artistic Skating (Solo Dance) in the Visakhapatnam Dist. Roller Sports championship held on 10th-11th Oct. 2024. And got selected to participate in the A.P. State meet.

Andhra University Inter-Collegiate Tournaments.

GVPCOE (A) powerlifting (m) team won the Runners-Up trophy during the Andhra University Inter-Collegiate Championship held on 3rd Nov. 2024.

GVPCOE (A) Chess (m) team won the Championship trophy at the Andhra University Chess Inter-Collegiate Chess championship held at GVPCOE (A) on 19th & 20th Nov. 2024.

GVPCOE (A) Table Tennis (w) team won the Runners-Up trophy in the Andhra Univ. Table Tennis tournament held on 22nd Nov. 2024.

