BRIDGE

GRIET Alumni Community Magazine

A Dive into Emerging Technologies

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GRIET ALUMNI ASSOCIATION | GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Preface

Welcome to the latest edition of the GRIET Alumni Magazine! It is with immense pleasure and a deep sense of pride that we present this collection of stories, achievements, and reflections from the vibrant and ever-growing GRIET alumni community.

As we navigate an increasingly dynamic world, the bonds forged during our time at Gokaraju Rangaraju Institute of Engineering and Technology become ever more significant. This magazine serves as a testament to those enduring connections – a platform to celebrate the diverse paths our alumni have taken, the remarkable contributions they are making across various fields, and the continued spirit of innovation and excellence that defines a GRIET education.

In these pages, you will find inspiring features on alumni who are leading the way in technology, entrepreneurship, research, and social impact. We delve into their journeys, their challenges, and their triumphs, offering insights and encouragement to current students and fellow graduates alike. Beyond individual achievements, we also aim to capture the collective spirit of our alumni network, showcasing initiatives that foster collaboration, mentorship, and a shared commitment to giving back.

This edition also provides updates on the exciting developments happening on campus, demonstrating how GRIET continues to evolve, adapt, and equip the next generation of engineers and leaders. We believe it's vital for our alumni to remain connected to their roots, to witness the growth of their alma mater, and to see how their legacy continues to shape the institution.

We encourage you to engage with the content, reconnect with old friends, and perhaps even discover new connections within this incredible network. We invite you to share your experiences, insights, and suggestions for future editions.

Thank you for being an integral part of the GRIET family. We hope you enjoy reading this magazine as much as we enjoyed putting it together.
Warm regards,

Besh Wishes

Dr. T. Jagannadha Swamy
Dean, Alumni Affairs
GRIET(Autonomous)
Bachupally
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Words by Our Motivators

To Our Valued Alumni,

It's always a special moment for me to introduce a new issue of our alumni magazine. As Director, I often reflect on the rich history and vibrant community that defines GRIET, and so much of that is thanks to you our incredible alumni. This magazine is more than just a publication; it's a bridge, connecting generations of graduates and showcasing the profound impact of an education received here. It's a chance to rediscover old friends, learn about new ventures, and feel that familiar sense of pride in what we've all built together. We hope this issue brings you joy and reinforces the strong ties that bind us all.

With gratitude,
Dr. Jandhyala N Murthy
Director, GRIET

Greetings, Alumni,

Welcome to the newest issue of our alumni magazine BRIDGE! As Principal, I am continually inspired by the remarkable community you represent a testament to the enduring values instilled during your formative years here. This edition is a celebration of that vibrant community. It brings to life the stories of individuals who are making a difference, leading with purpose, and embodying the spirit of GRIET wherever they go. It also offers a glimpse into the exciting developments on campus, showing how we continue to foster an environment of learning, discovery, and personal growth for the next generation.

With heartfelt appreciation,
Dr. J Praveen
Principal, GRIET

Words by Our Motivators

Dear Alumni,

It's a distinct pleasure to welcome you to this latest edition of our alumni magazine. From an administrative perspective, I'm immensely proud of the operational excellence that underpins our GRIET, enabling us to consistently deliver a world-class educational experience. This issue not only highlights the remarkable achievements of our alumni, showcasing the very best of our GRIET's output, but also provides a glimpse into the strategic initiatives and infrastructural advancements that continue to strengthen our foundation and elevate our standing.
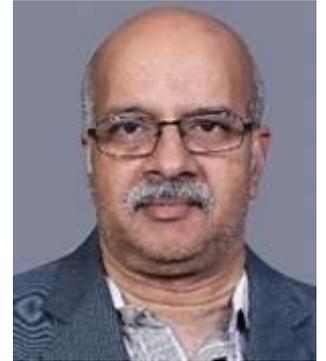
With Best Regards
Dr. K.V.S. Raju
Sr.AO, GRIET

GRES Family

GRIET Core Values

- Excellence: Continually strive to achieve the highest standards in education and research
- Integrity: Sustain an atmosphere of honesty, openness, and transparency in all dealings
- Innovation: Promote a culture of curiosity and reward originality of thought and action
- Entrepreneurship: Promote and nurture entrepreneurial spirit among students
- Leadership: Develop leaders with ability to find creative solutions to the problems of the industry
- Sustainability: Conduct research that addresses critical global challenges and
- promote public awareness of the issues involved
  Service to the Nation: Utilize technology for building national wealth

COMPUTATIONAL INTELLIGENCE & ITS FUTURE

Computational Intelligence (CI), often seen as a subset or closely related field to Artificial Intelligence (AI), encompasses areas like neural networks (including deep learning), fuzzy logic, evolutionary computation (e.g., genetic algorithms, swarm intelligence), and probabilistic reasoning. In 2025 and beyond, CI's role will be absolutely central to the development, deployment, and optimization of emerging technologies.

Here's a breakdown of its crucial role:

Key Emerging Technologies CI will drive in 2025 and Beyond:

1. **Generative AI:**

   - **Role of CI:** Deep learning (a core CI technique) is the backbone of generative AI models like Large Language Models (LLMs - e.g., GPT, Bard) and image generators (e.g., DALL-E, Midjourney). CI will continue to refine these models, making them more efficient, creative, and controllable.

   - **Impact:** From automating content creation (text, images, code, music) to powering sophisticated virtual assistants and personalized experiences. We'll see AI-augmented development becoming more prevalent, where CI tools assist developers in writing and debugging code.

2. **Quantum Computing:**

   - **Role of CI:** Quantum machine learning (QML) is a nascent but rapidly evolving field. CI algorithms, adapted for quantum architectures, will be crucial for leveraging quantum computing's power in areas like optimization, pattern recognition, and complex simulations (e.g., in drug discovery, material science, financial modeling).

   - **Impact:** While broad application is still some years away, early breakthroughs will occur in highly specialized domains, potentially leading to "quantum advantage" for certain computational problems. Quantum-safe cryptography, also an area of focus, will rely on advanced computational methods.

3. **Autonomous Systems (Robotics, Autonomous Vehicles, Drones):**

   - **Role of CI:** Neural networks enable these systems to perceive their environment (computer vision), make decisions, learn from experience (reinforcement learning), and navigate complex situations. Fuzzy logic can handle the inherent uncertainty and imprecision of real-world environments. Evolutionary algorithms can optimize robot designs and control strategies.

   - **Impact:** Increased adoption of self-driving cars, delivery drones, and intelligent robots in manufacturing, logistics, healthcare, and even everyday life, leading to greater efficiency and new service models.

4. **Extended Reality (XR - VR/AR/MR):**

   - **Role of CI:** CI powers the realism and interactivity of XR experiences. Machine learning models enable realistic object recognition, gaze tracking, gesture control, and dynamic content generation within virtual and augmented environments.

   - **Impact:** More immersive training simulations, virtual collaboration spaces, enhanced retail experiences, and new forms of entertainment.

5. **Internet of Things (IoT) and Edge Computing:**
    i. **Role of CI:** CI algorithms will increasingly run directly on IoT devices (at the "edge") for real-time data processing, anomaly detection, and predictive maintenance. This reduces latency and bandwidth requirements.

    ii. **Impact:** Smarter cities, more efficient industrial processes (Industry 4.0), personalized healthcare monitoring, and intelligent homes.

6. **Cybersecurity:**
    iii. **Role of CI:** Machine learning is vital for detecting sophisticated cyber threats by identifying anomalous patterns in network traffic, user behavior, and system logs. CI helps in predicting attacks, automating responses, and adapting to new attack vectors.

    iv. **Impact:** More resilient and proactive cybersecurity systems, capable of identifying and mitigating threats faster than human teams.

7. **Biotechnology and Healthcare:**
    v. **Role of CI:** Deep learning is revolutionizing drug discovery, personalized medicine (analyzing genetic data, predicting disease susceptibility), medical imaging analysis (diagnosing diseases from scans), and robotic surgery. Evolutionary computation can optimize protein folding and drug molecules.

    vi. **Impact:** Faster development of new treatments, more accurate diagnoses, personalized therapies, and improved patient outcomes.

8. **Sustainable Technologies:**
    vii. **Role of CI:** CI helps optimize energy grids, predict renewable energy generation, manage smart buildings for energy efficiency, and analyze environmental data for conservation efforts.

    viii. **Impact:** More efficient resource management, reduced carbon footprint, and acceleration of green technology solutions.

9. **Overarching Trends for CI in 2025 and Beyond:**
    - **Democratization of CI/AI:** Low-code/no-code platforms will make CI techniques more accessible to non-experts, allowing broader adoption across industries.

    - **Explainable AI (XAI):** As CI models become more complex and impactful, there will be an even greater demand for XAI, ensuring that the decisions made by these systems can be understood and trusted by humans.

    - **Responsible AI:** Ethical considerations, bias mitigation, and privacy preservation will be paramount. CI research will increasingly focus on developing fair, transparent, and secure AI systems.
    - **Multimodal AI:** The ability of CI systems to process and integrate data from multiple sources (text, images, audio, video) will become increasingly sophisticated, enabling more comprehensive understanding and interaction.

- **Agentic AI:** CI will power "AI agents" – systems capable of making autonomous decisions and acting on behalf of users, potentially marking a significant step towards more generalized AI.

- **Convergence:** CI will continue to converge with other emerging technologies (e.g., IoT, blockchain, quantum computing) to create more powerful and integrated solutions.

- In essence, Computational Intelligence isn't just a part of these emerging technologies; it's often the *intelligence* that makes them functional, adaptive, and impactful. Its role will only grow more pervasive and critical across nearly every sector of society.

Alumni

G-Talks

Latest Trends in Artificial Intelligence

Over the past decade, Artificial Intelligence (AI) has meshed into various industries. The era witnessed a dramatic increase in tools, applications, and platforms based on AI and Machine Learning (ML). These technologies have impacted healthcare, manufacturing, law, finance, retail, real estate, accountancy, digital marketing, and several other areas.

1. Intelligent Process Automation

In the latest technology trend, organisations are looking for intelligent automation tools to solve business challenges and increase productivity, efficiency, and accuracy, benefiting the organisation. One of the successive waves, Intelligent Process Automation, or IPA, brings together Robotic Process Automation (RPA) and Artificial Intelligence (AI) technologies to empower rapid end-to-end business process automation and accelerate digital transformation. In RPA, computer software 'robots' handle repetitive, rule-based digital tasks which are driven by structured data. However, many business processes now are fed by or generate large amounts of unstructured and real-time data. IPA makes it possible to automate processes with machine learning and analytic capabilities and cognitive technologies, like computer vision, Natural Language Processing (NLP), and fuzzy logic. The adoption of IPA is expected to grow in the coming days, with large-scale growth expected across several industries.

2. A Shift Toward Cybersecurity

With data becoming more precious than ever before, there's no shortage of cyber criminals out there looking for new ways to compromise it. One of the downsides of novice-level AI is that hackers can manipulate them to access the sensitive information. So, a significant trend in AI is developing technology to recognise and report common types of attacks. Anti-virus software is also being developed by using AI in the same manner as this technology can help prevent a malware threat from having devastating consequences. When it comes to businesses, AI-powered cybersecurity tools also can gather data from a company's own communications networks, digital activity, transactional systems, and websites, as well as other external public sources. These tools then run algorithms to identify patterns and detect or predict threatening activity, potential data breaches, etc. This is a trend we can expect to continuously see in the future as criminals constantly create new malware and data acquisition methods.

3. AI for Personalised Services

As AI becomes more powerful and efficient at researching a particular market and demographic, acquiring consumer data is becoming more accessible than ever. The biggest AI trend in marketing is the increasing focus on providing personalised services. One of the most common ways that AI can do so is through analysing the online activity of individuals who search for specific keywords. This level of personalisation is virtually guaranteed to provide a better experience for customers, which will directly increase the revenue of companies that take advantage of it. As machine learning becomes more adept at understanding what people want in specific instances, AI will become less of a sales tool and more of a digital friend.

4. Automated AI Development

In coming years, expect to see significant innovations in the area of 'AI for AI': using AI to help automate the steps and processes involved in the life cycle of creating, deploying, managing, and operating AI models. At a certain level, AI can develop its algorithms to solve problems, increase efficiency, and provide humans with useful research data.

Using automated AI will allow even non-experts to use AI algorithms and techniques. One example is Google's AutoML, a tool that simplifies creating machine learning models and makes the technology accessible to a wider audience. These tools can create as much customisation as required without knowing the complex workflow of Machine Learning in detail. Although this type of development is in infancy, automated AI is renowned for growing exponentially and is a major AI trend.

5. Autonomous Vehicles

With companies like Samsung, Nvidia, Volkswagen, Uber, and Google's Waymo, the scope of autonomous driving has increased many folds. Everyone knows AI's functionality into autonomous vehicles, and to tap such immense potential, car, and tech companies are infusing billions of dollars in this domain. The process is driven by the economic and social benefits involved. Car manufacturers hope that autonomous driving technology will sway consumers' minds. Supporters believe that self-driving car technology will reduce traffic deaths and be a safe alternative to drive.

6. Incorporating Facial Recognition

Facial recognition appears to be en vogue at the moment. It is popping up in many aspects of our lives and is being adopted by private and public organisations for various purposes, including surveillance. More countries are readying themselves to incorporate facial recognition technology and enhance their security measures. Deep learning algorithms are being set to ensure that this technology goes beyond regular facial recognition and more understanding images and scenarios. It will also help provide more personalised communications to customers, making it a notable AI trend for coming years.

7. Convergence of IoT and AI

The lines between AI and IoT are increasingly blurring. While both technologies have independent qualities, used together, they are opening up better and more unique opportunities. The Internet of Things (IoT) devices create a lot of data that needs to be mined for actionable insights. On the other hand, Artificial Intelligence algorithms require the data before making any conclusions. So the data collected by IoT is being used by AI algorithms to create valuable results that are further implemented by the IoT devices. AI's ability to rapidly glean insights from data makes IoT systems more intelligent. In upcoming years more than 80% of enterprise IoT projects will incorporate AI in some form, up from just 10% today.

8. AI in Healthcare

The contributions that AI can import to the healthcare industry are working in groundbreaking ways, allowing people worldwide to receive safer and more efficient care and making it easier to detect, prevent, and cure diseases. Also, AI's ability to acquire data in real-time from electronic health records, emergency department admissions, equipment utilisation, staffing levels, etc. – and to interpret and analyse it in meaningful ways enables a wide range of efficiency and care-enhancing capabilities in hospital administration. Drug discoveries are another field where AI is acerbating.

AI is playing an essential role in helping healthcare professionals respond to the coronavirus (COVID-19) outbreak. AI is being used to distinguish COVID patients and essential hot spots. COVID vaccine drug discovery is being repurposed and speeded up using AI techniques. Researchers have developed AI-based thermal cameras and smartphone apps for estimating the temperature of people and assembling data for healthcare organisations. Intelligent robots are being deployed to implement "contactless delivery" for isolated individuals, helping medical staff ensure that the key areas stay disinfected and safe for use.

9. Augmented Intelligence

For those who may still be worried about AI cannibalising their jobs, the rise of AI should be a refreshing trend. It brings together the best capabilities of both humans and technology, giving organisations the ability to improve their workforce's efficiency and performance. By 2023, Gartner predicts that 40% of infrastructure and operations teams in large enterprises will use AI-augmented automation, resulting in higher productivity. The healthcare, retail, and travel industries have already created uses of Augmented Reality. Therefore, following this AI trend, there will be an increase in the number of augmented reality apps.

10. Explainable AI

Despite becoming so ubiquitous, AI has suffered from trust issues. Much of what machine learning accomplishes becomes unknowable at various points of the process and appears as a black box. It's often impossible to explain how the AI came to an inevitable conclusion. Explainable AI is designed to simplify and visualise how ML networks make decisions. There is a more significant push for deploying AI in a transparent and clearly defined manner. While companies will make efforts to understand how AI models and algorithms work? AI/ML software providers will make sophisticated ML solutions more explainable to users.

11. Ethical AI

Rising demand for ethical AI is at the top of the list of emerging technology trends. In the past, organisations that adopted Machine Learning and other Artificial Intelligence technologies were not much preoccupied with their ethical impact. Today, however, values-based consumers and employees expect companies to adopt AI responsibly. Over the next few years, firms will deliberately choose to do business with partners that commit to data ethics and adopt data handling practices that reflect their values and customers' values.

Journey from College to Entrepreneurship

The journey from a college software engineering student to an industry professional, and then potentially to an entrepreneur, involves distinct phases, each with its own set of skills, challenges, and opportunities.

From College to Industry (Software Engineer)

The transition from the academic environment of college to the professional world of software engineering in industry requires more than just theoretical knowledge. While universities provide a strong foundation in computer science fundamentals like data structures, algorithms, and programming languages, the industry demands practical application, collaborative skills, and an understanding of real-world development cycles.

Key aspects and preparation:

- **Practical Skills:** Focus on building a strong portfolio of personal projects, contributing to open-source initiatives, and gaining hands-on experience with industry-standard tools and frameworks (e.g., version control with Git, cloud platforms like AWS/Azure/GCP, specific web development frameworks like React, Angular, Node.js, or backend languages like Python, Java, Go). Employers often prioritize practical coding ability over just a diploma.

- **Problem-Solving & Algorithms:** While theoretical knowledge is important, the ability to apply data structures and algorithms to solve complex, real-world problems is crucial. Practice coding challenges on various platforms.

- **Soft Skills:** Communication, teamwork, problem-solving, adaptability, and a strong work ethic are highly valued. Software development is rarely a solitary endeavor; engineers collaborate extensively with peers, product managers, and other stakeholders.

- **Internships:** Internships are invaluable for gaining practical experience, understanding industry workflows, and building a professional network. They often lead to full-time job offers.

- **Networking:** Attend tech events, join developer communities, and connect with professionals on platforms like LinkedIn. Networking can open doors to opportunities and provide insights into the industry.

- **Understanding SDLC:** Familiarize yourself with software development methodologies like Agile and Scrum, and concepts like Continuous Integration/Continuous Deployment (CI/CD), testing, and debugging.

From Industry to Entrepreneur (Software Engineer)

Transitioning from a stable industry role to the volatile world of entrepreneurship is a significant leap that leverages an engineer's technical foundation but demands a new set of business acumen and risk tolerance. Many successful tech entrepreneurs have a background in software engineering, as their ability to build products is a core asset.

Key aspects and challenges:

- **Idea Validation & Market Need:** The biggest challenge is often identifying a genuine market need and validating your product idea before investing significant time and resources. Many startups fail because they build solutions for non-existent problems. This involves extensive market research, customer interviews, and building a Minimum Viable Product (MVP).

- **Business Acumen:** Software engineers transitioning to entrepreneurship need to acquire business skills beyond coding. This includes understanding sales, marketing, finance, legal aspects (IP protection, contracts), and strategic planning. Taking business courses, reading foundational startup literature (e.g., "The Lean Startup"), and seeking mentorship are crucial.

- **Leadership & Management:** As a founder, you'll shift from primarily coding to leading a team, managing people, and making strategic decisions. This requires strong leadership, delegation, and communication skills.

- **Risk Tolerance & Resilience:** Entrepreneurship is inherently risky, with high chances of failure. Engineers moving into this space must be prepared for uncertainty, long hours, financial strain, and the ability to pivot and learn from setbacks.

- **Networking (for fundraising and partnerships):** Building a network of potential investors, advisors, mentors, and partners is vital for securing funding, gaining insights, and scaling the business.

- **Building a Team:** Identifying and attracting co-founders and early employees with complementary skills (e.g., business development, design) is critical for success.

- **Product-Market Fit:** The journey from an initial idea to a product that truly resonates with a target market and solves a pressing problem is iterative and demanding. It requires continuous feedback, rapid iteration, and a deep understanding of user experience.

- Both transitions are about continuous learning and adaptation. While technical prowess is the bedrock, the ability to learn, collaborate, and navigate new challenges ultimately defines success in both industry and entrepreneurship

Guidance Session!

It's great that you're thinking strategically about your career options after B.Tech! You have a wide array of paths open to you, each with unique advantages, challenges, and requirements. Let's break down each option to help you make an informed decision.

1. Higher Studies in India

a) IIT M.Tech through GATE (Graduate Aptitude Test in Engineering)

- **What it is:** A Master of Technology degree from a prestigious Indian Institute of Technology (IIT) or other top engineering colleges (NITs, IIITs) based on your GATE score.

- **Advantages:**

    - **Specialization:** Allows you to delve deeper into a specific engineering discipline (e.g., AI/ML, Data Science, VLSI, Structural Engineering, Thermal Engineering).
    - **Enhanced Technical Skills:** Develops advanced technical skills and research capabilities.
    - **Better Job Opportunities:** Often leads to higher-paying jobs in core engineering, R&D roles, and specialized tech domains (especially in AI, ML, Data Science, Cybersecurity). Top companies actively recruit M.Tech graduates from IITs.
    - **Research & Academia:** Excellent stepping stone for a Ph.D. or a career in research.
    - **Strong Alumni Network:** Access to a vast and influential alumni network.
    - **Stipend:** Most M.Tech students receive a monthly stipend if they qualify for GATE.

- **Challenges:**

    - **High Competition:** GATE is highly competitive, requiring dedicated preparation.
    - **Rigorous Curriculum:** IITs have a demanding academic environment.
    - **Time Commitment:** 2 years.
    - **Ideal for:** Those who love deep technical work, aspire for R&D roles, want to specialize, or plan for a Ph.D.

b) IIM MBA through CAT (Common Admission Test)

- **What it is:** A Master of Business Administration degree from an Indian Institute of Management (IIM) or other top business schools.

- **Advantages:**

    - **Career Transition:** Excellent for shifting from a purely technical role to management, consulting, finance, marketing, or operations.
    - **Leadership Roles:** Equips you with managerial and leadership skills, preparing you for senior positions.
    - **Higher Salaries:** MBA graduates from top IIMs often command significantly higher salary packages.
    - **Entrepreneurial Skills:** Provides knowledge and networking for starting your own venture.
    - **Strong Professional Network:** Builds a powerful network with diverse professionals.

- **Personality Development:** Focuses on refining soft skills like communication, negotiation, and strategic thinking.

- **Challenges:**

  - **Extremely High Competition:** CAT is one of the toughest entrance exams.
  - **Significant Investment:** MBA programs, especially from top IIMs, are expensive.
  - **Shift in Focus:** Requires a genuine interest in business and management, moving away from core engineering.
  - **Time Commitment:** 2 years for the full-time program.

- **Ideal for:** Engineers aiming for leadership, management, consulting, finance, or entrepreneurial roles, who want to combine technical understanding with business acumen.

2. Public Sector & Government Jobs in India

These roles offer job security, good work-life balance, and an opportunity to contribute to national development, often with attractive perks and pensions.

a) Civil Services through UPSC (IAS/IPS/IFS/IRS)

- **What it is:** Union Public Service Commission (UPSC) conducts the Civil Services Examination (CSE) to recruit candidates for prestigious All India Services (IAS, IPS, IFS) and Central Services (IRS, etc.).

- **Advantages:**

  - **Prestige & Authority:** Highest level of prestige and authority in India.
  - **Impact:** Opportunity to shape policy and contribute directly to governance and public welfare.
  - **Job Security & Benefits:** Unparalleled job security, attractive salaries, housing, medical facilities, and lifelong pension.
  - **Diverse Work:** Varied roles across different sectors and ministries.
  - **Analytical Skills:** Engineering background can be an advantage for analytical reasoning and problem-solving sections.

- **Challenges:**

  - **Extremely High Competition:** One of the most competitive exams in India (Lakhs of applicants for a few hundred posts).
  - **Vast Syllabus:** Requires extensive preparation across diverse subjects (History, Geography, Polity, Economy, Ethics, Current Affairs).
  - **Long Preparation Period:** Typically 1-2 years of dedicated preparation.
  - **Interview Focus:** Personality test is a crucial stage.

- **Ideal for:** Those with a strong desire for public service, leadership, and a willingness to commit to rigorous preparation.

b) Indian Engineering Services (IES) by UPSC

- **What it is:** UPSC conducts the Engineering Services Examination (ESE) to recruit engineers for various Group 'A' and 'B' engineering services under the Government of India (e.g.,

Railways, Central Water Commission, Central Power Engineering Service, Border Roads Organisation, MES).

- **Advantages:**

  - **Core Engineering Roles:** Directly applies your engineering knowledge to infrastructure and technical projects.
  - **Prestige & Security:** Highly respected government jobs with excellent job security, benefits, and career progression.
  - **Pan-India Exposure:** Opportunities to work on diverse projects across the country.

- **Challenges:**

  - **High Competition:** Very competitive, requiring in-depth technical knowledge and general studies.
  - **Rigorous Exam:** Three-stage exam (Prelims, Mains, Interview).
  - **Age Limit:** Typically 21-30 years (with relaxations for reserved categories).

- **Ideal for:** Engineers who want a stable career applying their technical skills directly in government-led infrastructure and development projects.

c) Public Sector Undertakings (PSUs) through GATE Percentile

- **What it is:** Many top PSUs (e.g., ONGC, NTPC, IOCL, BHEL, GAIL, PowerGrid, BPCL) recruit engineering graduates directly based on their GATE scores.

- **Advantages:**

  - **Good Salaries & Benefits:** PSUs offer competitive salaries, excellent benefits (housing, medical), and strong job security.
  - **Work-Life Balance:** Generally better work-life balance compared to some private sector roles.
  - **Impactful Work:** Opportunity to work on large-scale national projects in energy, infrastructure, manufacturing, etc.
  - **Growth Opportunities:** Defined career progression paths.

- **Challenges:**

  - **High GATE Score Requirement:** Requires a very high GATE percentile to be shortlisted.
  - **Limited Vacancies:** Number of vacancies can vary annually.
  - **Bureaucratic Environment:** May involve slower decision-making processes compared to the private sector.

- **Ideal for:** Engineers seeking a stable, well-paying job in core industries with a good work-life balance and a chance to contribute to the nation's core sectors.

d) Railways (other than IES)

- **What it is:** Indian Railways is a massive employer. Beyond IES, you can join through various Railway Recruitment Board (RRB) exams for roles like Junior Engineer (JE), Section Engineer, Assistant Loco Pilot (ALP), and other technical/non-technical positions.

- **Advantages:**

- **Massive Scale:** Largest employer in India, offering numerous opportunities.
- **Job Security:** High job security and government benefits.
- **Diverse Roles:** Opportunities in various departments like civil, mechanical, electrical, signaling, and telecommunications.

- **Challenges:**

    - **Competitive Exams:** Exams conducted by RRBs are highly competitive.
    - **Lower Pay (for some entry-level posts):** While stable, initial salaries for some direct recruitment posts might be lower than top private sector roles.

- **Ideal for:** Those seeking a stable government job in a large organization, with a passion for the railway sector.

e) Armed Forces (Army, Navy, Air Force)

- **What it is:** Engineers can join the Indian Armed Forces as officers through various entries:

    - **Technical Graduate Course (TGC):** For Indian Army (Permanent Commission).
    - **Short Service Commission (SSC-Tech):** For Army (Men & Women).
    - **AFCAT (Air Force Common Admission Test):** For Indian Air Force (Technical Branch).
    - **Indian Navy Entries:** SSC (Executive & Technical Branches), SNAES (Naval Architecture).

- **Advantages:**

    - **Leadership & Discipline:** Develops unparalleled leadership, discipline, and management skills.
    - **Service to Nation:** Highly respected career path contributing directly to national security.
    - **Adventure & Challenges:** Offers a life of adventure, diverse roles, and challenging environments.
    - **Comprehensive Benefits:** Excellent pay, allowances, housing, medical, and pension benefits.

- **Challenges:**

    - **Rigorous Selection:** Involves written exams, demanding physical tests, and intensive SSB interviews.
    - **Demanding Lifestyle:** Requires adaptability to varied postings and a disciplined lifestyle.
    - **Risk:** Involves inherent risks associated with defense service.

- **Ideal for:** Those with a strong sense of patriotism, a desire for a disciplined life, leadership, and a willingness to face challenges.

3. Private Sector

a) Software Engineer (in India or Abroad)

- **What it is:** Working as a software developer, data scientist, AI/ML engineer, cybersecurity analyst, cloud engineer, full-stack developer, etc., in IT companies, startups, or product-based companies.

- **Advantages:**

  - **High Growth & Innovation:** Rapidly evolving field with constant opportunities for learning and innovation.
  - **Excellent Salaries:** Potentially very high salaries, especially in product-based companies and tech giants (both in India and abroad).
  - **Global Opportunities:** High demand globally, making it easier to find opportunities abroad (e.g., US, Canada, Germany, Ireland).
  - **Impactful Work:** Direct contribution to creating new products and services.
  - **Flexible Work Culture:** Many tech companies offer flexible work arrangements.

- **Challenges:**

  - **Fast-Paced & Demanding:** Requires continuous learning and adaptation to new technologies.
  - **High Competition:** Especially for top product companies.
  - **Long Working Hours:** Can involve demanding schedules, especially in startups or during crunch times.

- **Preparation:** Strong coding skills, data structures & algorithms, system design, practical projects, understanding of modern frameworks and tools. Networking is crucial.

- **Ideal for:** Those passionate about technology, problem-solving through code, continuous learning, and seeking high growth and competitive compensation.

4. Higher Studies Abroad (MS/MBA/Ph.D.)

a) MS in Abroad (e.g., USA, Germany, Canada)

- **What it is:** Pursuing a Master of Science (MS) degree in your engineering discipline or a related field in countries like the USA, Canada, Germany, UK, Australia, or Singapore.

- **Advantages:**

  - **Global Exposure:** International education and cultural experience.
  - **Cutting-Edge Research:** Access to advanced research facilities and world-class faculty.
  - **Higher Earning Potential:** Often leads to significantly higher salaries and better career prospects in those countries.
  - **Specialization & Niche Fields:** Opportunity to specialize in highly advanced or niche areas not widely available in India.
  - **Immigration Opportunities:** Many countries offer post-study work permits and pathways to permanent residency.

- **Challenges:**

  - **High Costs:** Tuition fees and living expenses can be substantial.
  - **Competitive Admissions:** Requires strong academic records, GRE/TOEFL/IELTS scores, and compelling Statement of Purpose/Letters of Recommendation.

- **Visa Process:** Can be complex and time-consuming.
- **Adaptation:** Adjusting to a new country and academic system.

- **Popular Specializations:** MS in Computer Science (AI, ML, Data Science, Cybersecurity), MS in Data Science, MS in Robotics, MS in Mechanical/Civil/Electrical Engineering with advanced specializations.

- **Ideal for:** Those aspiring for international careers, cutting-edge research, higher earning potential, and global exposure.

b) Entrepreneurship (after industry exposure)

- **What it is:** Starting your own business or venture, leveraging your engineering skills to build products or services.

- **Advantages:**

  - **Autonomy & Impact:** Complete control over your vision and potential for massive impact.
  - **Innovation:** Opportunity to build something new and solve real-world problems.
  - **High Reward:** Potential for very high financial returns if successful.
  - **Learning Curve:** Tremendous personal and professional growth.

- **Challenges:**

  - **High Risk:** Most startups fail; significant financial and personal risk.
  - **Immense Workload:** Long hours, constant pressure, and multi-faceted responsibilities (product development, sales, marketing, finance, HR).
  - **Uncertainty:** No guaranteed income or success.
  - **Funding:** Requires securing capital from investors.

- **Preparation:** Develop business acumen (marketing, sales, finance), leadership skills, networking, resilience, and a validated product idea. Often, gaining some industry experience (1-5 years as a Software Engineer, for instance) is beneficial to understand market needs and build relevant skills.

- **Ideal for:** Highly motivated individuals with a strong vision, risk appetite, resilience, and a passion for building and leading.

c) Any Other Reputable Job in India and Abroad

This is a broad category, but essentially covers roles that are highly respected and well-compensated, often requiring specialized skills or advanced degrees. Examples include:

- **Investment Banking/Finance (after MBA):** Engineers with an MBA can enter finance roles, especially in quantitative analysis or tech divisions.
- **Management Consulting (after MBA):** Top consulting firms hire engineers with MBAs for strategic problem-solving for various industries.
- **Product Management:** A blend of engineering, business, and design. Requires strong technical understanding, market insights, and leadership. Often requires some industry experience.

- **Specialized Research Roles:** In corporate R&D labs (e.g., Qualcomm, Intel, Nvidia for ECE/CSE, Tata Motors for Mechanical).

- **Data Analyst/Scientist:** Highly in-demand roles across various sectors.

How to Choose Your Path:

1. **Self-Assessment:**

   - **Interests:** What truly excites you? Technical challenges, managing people, public service, entrepreneurship?
   - **Strengths:** Are you a strong coder, a natural leader, an excellent communicator, a methodical researcher?
   - **Values:** What's important to you? Job security, high salary, work-life balance, social impact, innovation, prestige?
   - **Risk Appetite:** Are you comfortable with uncertainty (entrepreneurship) or prefer stability (PSUs, Civil Services)?
   - **Financial Situation:** Can you afford to invest in higher education or support yourself during preparation periods?

2. **Research Deeply:**

   - Talk to people in each of these careers. Conduct informational interviews.
   - Look at salary trends, career progression paths, and typical daily routines.
   - Understand the pros and cons beyond just the initial appeal.

3. **Short-Term vs. Long-Term Goals:**

   - Do you want to start earning immediately, or are you willing to invest a few more years in education for long-term gains?
   - Where do you see yourself in 5, 10, and 20 years?

4. **Trial and Error (if possible):**

   - Consider internships in different sectors if you're unsure.
   - If you're leaning towards software, get some industry experience first. This can also help clarify if an MBA or MS is a better next step.

Your B.Tech degree is a fantastic foundation. The next step is about aligning your strengths and aspirations with the opportunities that best fit your personal and professional vision. Good luck!

Dean, Alumni Affairs

GRIET

The art of Coding

The phrase "the art of coding" beautifully captures the multifaceted nature of programming, going beyond mere technical execution to encompass creativity, elegance, problem-solving, and even aesthetics. Here's why it's considered an art form:

1. Creativity and Innovation:

- **Building from Scratch:** Just as an artist starts with a blank canvas, a coder begins with an empty editor, transforming abstract ideas into functional software.
- **Unique Solutions:** There are countless ways to solve a programming problem. An "artful" coder doesn't just find *a* solution, but often seeks the most elegant, efficient, or ingenious one. This involves imaginative thinking and exploring different approaches.
- **Designing User Experiences:** For applications with a user interface, coding directly contributes to the user's aesthetic and interactive experience. This is where design principles meet code.

2. Elegance and Simplicity:

- **Clean Code:** Good code is often described as "clean" – readable, well-structured, and concise. It's like a well-composed piece of music or a minimalist sculpture, where every element serves a purpose and there's nothing superfluous.
- **Efficiency and Performance:** While not strictly artistic, optimizing code for speed and resource usage often involves clever algorithms and data structures that can be seen as elegant solutions to complex challenges.
- **Maintainability:** Artful code is easy to understand, modify, and extend, making it a sustainable and long-lasting creation.

3. Problem-Solving and Logic:

- **Abstract Thinking:** Coding requires a high degree of abstract thinking, breaking down complex problems into smaller, manageable components. This logical deduction and systematic approach is a core skill.
- **Debugging as Detective Work:** Finding and fixing errors (bugs) in code can be like solving a puzzle, requiring patience, analytical skills, and often a flash of insight.

4. Expressiveness and Communication:

- **Language of Machines:** Code is the language we use to communicate instructions to computers. The clarity and precision of this communication are paramount.
- **Self-Documenting Code:** Well-written code can often explain itself, minimizing the need for extensive comments. This "self-expression" within the code is a hallmark of an experienced coder.

5. Evolution and Iteration:

- **Continuous Improvement:** Code is rarely "finished." It evolves over time, with new features, bug fixes, and performance enhancements. This iterative process is similar to an artist refining their work.

- **Learning and Growth:** The field of coding is constantly changing, requiring coders to continuously learn new languages, frameworks, and paradigms. This journey of intellectual growth is a significant aspect of the "art."

6. Community and Collaboration:

- **Open Source:** The open-source movement exemplifies the collaborative aspect of coding, where individuals contribute to shared projects, building upon each other's work and fostering a vibrant creative community.

Notable Examples and Concepts:

- **The Art of Computer Programming (TAOCP) by Donald Knuth:** This monumental series of books is a foundational text in computer science, treating algorithms and programming with the rigor and beauty of mathematical art.
- **Creative Coding:** This field specifically focuses on using code to create art, music, and interactive experiences, often employing visual programming languages like Processing or p5.js.
- **Demoscene:** A subculture that creates small, self-contained computer programs (demos) that produce real-time audio-visual presentations, pushing the boundaries of what's possible with limited resources.

In conclusion, "the art of coding" emphasizes that programming is not just a technical craft, but a creative endeavor that blends logic with imagination, problem-solving with aesthetics, and utility with elegance. It's a testament to the human capacity for building complex, beautiful, and functional systems from abstract ideas

Glimpse of Alumni Meet

How Can I Contribute?

As an alumnus, you're in a fantastic position to provide invaluable guidance and support to engineering students at your alma mater. Your real-world experience, network, and insights into the college's specific environment make you a unique and highly effective mentor. Here are several ways you can help your juniors:

1. Mentorship and Guidance:

- **Offer one-on-one or group mentoring:** Be a sounding board for their career aspirations, academic challenges, and personal development. Share your own journey, including both successes and failures.
- **Resume and Cover Letter Reviews:** Provide constructive feedback on their resumes and cover letters, helping them tailor these documents for internships and job applications.
- **Interview Preparation:** Conduct mock interviews, offering tips on common questions, behavioral aspects, and how to articulate their skills and experiences effectively.
- **Academic Advice:** Share insights on challenging courses, effective study techniques, and how to balance academics with extracurricular activities.
- **Gate Exam/Higher Studies Guidance:** If you pursued higher studies (M.Tech, MS, MBA), share your experience, tips for entrance exams (GATE, GRE, GMAT), and application processes.

2. Career Development and Networking:

- **Networking Events:** Organize or participate in networking events (virtual or in-person) where students can connect with alumni and industry professionals.
- **Industry Insights:** Share current industry trends, in-demand skills, and emerging technologies. This helps students align their learning with industry needs.
- **Internship and Job Referrals:** If possible and appropriate, refer qualified students for internships or job openings within your company or network.
- **Guest Lectures/Workshops:** Volunteer to deliver guest lectures on topics relevant to your field, or conduct workshops on practical skills (e.g., specific software, project management, soft skills).
- **Career Fairs:** Participate in college career fairs, representing your company or simply offering advice to students.

3. Skill Development:

- **Technical Workshops:** If you have expertise in a specific software, programming language, or technical skill, consider running a short workshop or a series of sessions.
- **Soft Skills Training:** Offer insights and advice on essential soft skills like communication, teamwork, presentation skills, and problem-solving, which are crucial for professional success.
- **Project Guidance:** Offer to review student projects, provide feedback, or even serve as an external mentor for a final-year project.

4. Resources and Opportunities:

- **Share Resources:** Point them towards valuable online courses, tutorials, books, and industry publications.

- **Scholarship/Grant Information:** If you're aware of any scholarships, grants, or funding opportunities, share that information.
- **Startup Guidance:** If you have entrepreneurial experience, guide students interested in startups, business ideas, and venture capital.

5. Building College-Alumni Relations:

- **Alumni Association:** Get actively involved with the college's alumni association. This is often the most structured way to contribute.
- **Alumni Fund:** Consider contributing to an alumni fund that supports student scholarships, infrastructure development, or specific departmental initiatives.
- **Guest Speaker Series:** Collaborate with the college administration or student clubs to establish a regular guest speaker series featuring successful alumni.

How to get started:

1. **Contact the College:** Reach out to the Dean, Alumni Affairs or Dean, Training and Placement office. Express your interest in helping and ask about existing programs or how you can initiate one.
2. **Utilize Social Media/Professional Platforms:** Connect with students through LinkedIn, college-specific alumni groups, or student groups on other platforms.
3. **Start Small:** Begin with something manageable, like a single mentorship session or a resume review workshop, and then expand your involvement based on interest and your availability.
4. **Be Approachable and Responsive:** Make it clear that you're genuinely interested in helping and respond promptly to their queries.
5. **Set Realistic Expectations:** You can't help everyone, and that's okay. Focus on providing quality guidance to those you can assist effectively.

Your experience and journey are invaluable. By sharing them, you can significantly impact the lives and careers of the next generation of engineers from your college.

Best alumni Aard Winner 2024 with Director, Principal and Dean, AA & HoDs

Succes Through My College

Your engineering college likely played a foundational and significant role in your career development, especially now that you're working in a large software company. Here are several ways your college probably contributed:

- **Strong Technical Foundation:** Your curriculum provided the core knowledge in computer science, programming languages, data structures, algorithms, operating systems, and software engineering principles. This technical bedrock is essential for any role in a software company.
- **Problem-Solving Skills:** Engineering education heavily emphasizes analytical thinking and problem-solving. Through countless assignments, projects, and exams, you learned to break down complex problems, develop logical solutions, and debug issues – skills that are directly applicable and highly valued in software development.
- **Structured Learning Environment:** The structured nature of college, with deadlines, courses, and examinations, instilled discipline, time management, and the ability to work under pressure – all crucial for professional life in a fast-paced software environment.
- **Hands-on Project Experience:** Many engineering programs incorporate practical projects, labs, and even capstone projects. These experiences gave you the opportunity to apply theoretical knowledge, work in teams, and build a portfolio of work, which is very attractive to recruiters.
- **Exposure to Tools and Technologies:** While specific technologies evolve rapidly, your college likely introduced you to various development tools, integrated development environments (IDEs), version control systems (like Git), and potentially some frameworks that are widely used in the industry.
-
- **Networking Opportunities:**
  - **Peers:** Your classmates are now your professional network. Many of them might also be working in big software companies, creating a valuable web of connections for future collaborations, referrals, or insights.
  - **Faculty:** Professors often have industry connections or research ties that can open doors to internships, projects, or even job opportunities.
  - **Alumni Network:** As you're realizing now, the alumni network can be a powerful resource for mentorship, career advice, and job leads.
  - **Soft Skills Development:** Through group projects, presentations, and interactions with faculty and peers, you likely honed essential soft skills such as teamwork, communication, presentation abilities, and critical thinking – qualities that are just as important as technical skills in large organizations.
  - **Internship and Placement Support:** Engineering colleges often have dedicated placement cells or career services that facilitate internships and job placements. These services connect students with companies, arrange recruitment drives, and help prepare students for interviews, which directly led to your opportunity at a big software company.
  - **Reputation and Brand:** The reputation of your engineering college itself can be a significant factor. Prestigious GRIETs often attract top recruiters, and a degree from a well-regarded college can lend credibility to your resume, especially early in your career.

GRIET Alumni Day 2024

Alumni Insights:

About Us!

As an alumnus of **Gokaraju Rangaraju Institute of Engineering and Technology (GRIET)**, you'll undoubtedly have vivid memories of your time on campus, which played a crucial role in shaping you into the professional you are today.

Campus Environment and Facilities

GRIET, located in Hyderabad, is known for its **expansive and well-maintained campus**. You likely recall the **greenery and the serene atmosphere** that provided a conducive environment for learning. The institute boasts a strong infrastructure, including:

- **Well-equipped Laboratories:** These labs, specific to various engineering disciplines (like computer science, electronics, mechanical, etc.), were the backbone of practical learning, allowing you to get hands-on experience with the tools and technologies relevant to your field. The **Innovation Fabrication Lab** and specialized labs for various departments would have been central to this.
- **Central Library and Information Center:** A vast collection of physical and digital resources, including textbooks, reference books, journals, and access to online databases, would have been your go-to for in-depth study and research.
- **Modern Classrooms:** With comfortable seating and often equipped with audio-visual aids, these classrooms provided a good setting for lectures and interactive sessions.
- **Sports Facilities:** For recreation and physical well-being, the campus offers facilities for both indoor and outdoor sports, including basketball, volleyball, throwball courts, and perhaps even a gym. These facilities were vital for breaking the monotony of academic life.
- **Cafeteria and Canteen:** A place for quick bites, meals, and social gatherings, the canteen was likely a hub for student interaction and bonding.
- **Wi-Fi Connectivity:** A modern campus essential, reliable Wi-Fi would have been crucial for your academic work, research, and staying connected.

Academic and Extracurricular Life

Beyond the physical infrastructure, your experience at GRIET would have been defined by:

- **Dedicated Faculty:** The professors and lecturers who guided you through complex subjects, shared their knowledge, and often served as mentors. Their expertise and teaching methodologies laid your foundational knowledge.
- **Student Clubs and Activities:** GRIET is known for its active student clubs, spanning technical, cultural, and sports domains. Whether it was the IEEE student branch, the Free Software Wing, or various cultural events, these clubs provided platforms to:
- **Develop technical skills** through coding contests, workshops on AI, cryptography, etc.
- **Hone soft skills** like teamwork, leadership, and communication.
- **Foster creativity and holistic development** through various events and festivals.

Placement and Career Support: GRIET's **Training and Placement Cell** would have been instrumental in your career journey. You likely benefited from:

- **Placement training programs** that prepared you for interviews and aptitude tests.
- **Campus recruitment drives** by major software companies like TCS, Capgemini, Infosys, Wipro, and possibly even tech giants like Microsoft, Oracle, or PayPal, if they recruited from your branch.
- **Internship opportunities** facilitated by the college, providing real-world exposure even before graduation.

Strong Peer Network: The bonds you formed with your classmates are invaluable. These relationships often extend beyond college, forming a professional network that can be a great source of support and opportunities.

Alumni Network: As you're discovering, GRIET has a strong and growing alumni network that can be a valuable resource for current students and fellow alumni, contributing to mentorship, industry insights, and placements. The college actively engages its alumni, with events like the "Alumni Meet (SAMMELAN)" highlighting this connection.

Overall, your time at GRIET provided a comprehensive environment that fostered not just academic excellence but also personal growth, skill development, and professional readiness, preparing you well for your role in a big company/Industry.
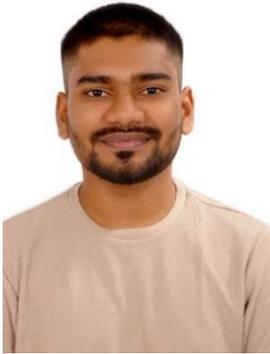

Gokaraju Rangaraju Institute Of Engineering and Technology
Digital Discovery: Maximizing Your Knimbus Experience
Organized by GRIET Library and Information Centre
Glimpses
23rd January 2025 — Speaker: Manikandan.J

Alumni Insights

Hi, I'm Raviteja Penugonda, I'm a proud graduate of GRIET, currently working in the technology sector. My journey into this field was driven by a passion for problem-solving and innovation. The ever-evolving nature of technology demands adaptability, continuous learning, and strong analytical thinking. In my professional experience, I have learned that collaboration, effective communication, and a proactive approach are key to success. To students aspiring to build a career in technology, I encourage staying updated with industry trends, gaining hands-on experience, and developing a problem-solving mindset. The future belongs to those who embrace learning and innovation, and with the right approach, the possibilities are endless!

Hi, I'm Sri Keerthy Narayanam, Choosing computer science and engineering was not just a decision for me - it felt like a natural way. From an early age, I was always curious about how technology works, simple apps that make our lives easier for the big systems that solve the world's problems. This interest chose CSE in grain, where I not only received good teaching, but also found innovation, teamwork and constant learning culture. The work style in this field is sharp and challenging, so it requires strong problems with problems, time management and the ability to learn quickly. Work on various projects I also improved the planning and team coordination ability. For all current and future students - be curious, keep learning about new techniques such as AI, cyber security and cloud computing, and always try new things. The technology changes, and those ready to build, fail and try again, will grow quickly. To the challenges of self -confidence, cooperate and let your passion lead your career.

Hi, I am Indla Geethika Reddy, I'm thrilled to share my journey and experiences with the students of GRIET. My fascination with artificial intelligence and machine learning led me to pursue a career in this field. I was particularly drawn to the potential of AI to transform industries, revolutionize the way we live and work, and solve complex problems. Throughout my journey, I've had the opportunity to work with diverse teams, collaborate on innovative projects, and develop strong administrative skills. I've learned the importance of effective communication, adaptability, and continuous learning in a rapidly evolving technological landscape. My experience has taught me to be proactive, resilient, and open to new challenges.

Hi I'm Namani Bhavya Sri Saika , From my early academic years, I was fascinated by how data influences decision-making, leading me to pursue a career in data engineering with a strong focus on report building. Currently, as a Data Engineer at Apexon, I specialize in designing and optimizing reports that provide meaningful insights to businesses. The work culture in my field emphasizes problem-solving, collaboration, and adaptability to emerging technologies. Strong analytical and communication skills play a crucial role in managing data effectively and delivering high-quality reports. To students aspiring to enter the tech industry, I encourage continuous learning and hands-on experience with data visualization tools, SQL, and cloud platforms. Staying updated with advancements in AI, automation, and big data will give them a competitive edge. The key to success is curiosity, persistence, and the ability to transform raw data into impactful insights that drive business growth.

I am Bharath, an alumnus of Gokaraju Rangaraju Institute of Engineering and Technology. My passion for technology and problem-solving led me to pursue a career in software development. Currently, I work as a software developer, specializing in building scalable and efficient applications. I have experience working with technologies like React, Spring Boot, and MySQL to create seamless digital experiences. I am always eager to learn and innovate, striving to contribute meaningfully to the tech community. As a proud alumnus of Gokaraju Rangaraju Institute of Engineering and Technology, I am eager to contribute to the growth and success of current students. I believe in sharing industry insights, real-world experiences, and technical expertise to bridge the gap between academics and the professional world.

Here's how I can contribute:
1. Mentorship & Guidance – Providing career guidance, resume-building tips, and interview preparation strategies to help students transition smoothly into the industry.
2. Technical Workshops & Seminars – Conducting sessions on emerging technologies like React, Spring Boot, and cloud computing to keep students updated with industry trends.
3. Project Assistance – Guiding students in developing real-world projects, helping them gain hands-on experience and build strong portfolios.
4. Internship & Networking Opportunities – Assisting students in finding internships and connecting them with professionals in the industry for better career prospects.
5. Hackathons & Coding Challenges – Encouraging students to participate in coding competitions and hackathons to enhance their problem-solving skills.

By actively engaging with GRIET students, I hope to inspire and equip them with the knowledge and skills needed to excel in their careers

Alumni Achievers Award Winners form the Various Departments

Next Page: Alumni Achievements: Some of our GRIET Alumni CEOs

#	Alumni Name	Company	Designation	Department & Year of Study
1	Pavni Lachireddy	Micron Engineering Enterprises	Chief Executive Officer	Mechanical Engineering 2013
2	Nanda Kishore Pasupuleti	Swinset IT Solutions Private Limited	Founder and CEO	ECE, 2018
3	Srijan Gangavarapu	RedString	Founder & CEO	CDS, 2024
4	Mohammed Abubakr	DigitalRX.io (Wix for Clinics) & DigitalPharmacy.io	Founder & CEO	ECE, 2007
5	Purushotham Raju Kapilavai	Posvallo Technologies Private Limited	Managing Director & CEO	ECE, 2019
6	Kranthi Kumar Allagouni	CYK, Solutions	Founder, Director & CEO	IT, 2011
7	Sai kumar	Dharani Real Estate	CEO & Founder	CSE, 2015
8	Tanishq Dhanraj	Fettle Health and Support	Co-Founder	IT, 2022
9	Bhanu Prakash Kandula	S2 Engineering Industries	Vice President Operations	Mechanical 2020
10	Naren Paturi	Saanso Pharma	CEO	CSE 2016
11	Rajasekhar Reddy K V	A R GREEN ENERGY	Chief Executive Officer	Mech 2012
13	SURENDER KADARI	KADARI TECHNOLOGIES PVT LTD	CEO	ECE 2004
14	Samba Chava	FineMake	Co-Founder and CEO	ECE 2004

15	Harsha Sunkara	Glater & Watalog	Founder & CEO	Civil 2020
16	Martha Kranthi	ZENBYT PRIVATE LIMITED	CEO / Managing Director	ECE 2018
17	ravindhra ch	MissedCal Groups(AmigosTel)	CEO	Mechanical 2011
18	Sharada Nenavath	BSIT Software Services Pvt. Ltd.	Founder, CEO & Board Of Director	EEE 2012
19	Ch Sai Krishna	Repsoft Global	Founder & CEO at	MBA 2014
20	Mahanth Reddy Gona	VOID X RENEWABLES PVT LTD	Founder & CEO at	Civil 2018
21	K Vijay Kumar	V-Tech Innovations	CEO	ECE 2019
22	Sree Teja Deeti	Vistar Leaf	Founder	Mechanical 2018
22	Harshitha Vunnava	Mahadyutha logistics	Manager	Mechanical 2019
23	Vishnu Teja	Vexicare	CEO	CSE 2023
24	Manoj Manchala	MIANTIC AV DISTRIBUTION PVT LTD	CEO	EEE 2012
25	Narahari Rao Wepuri	Testgrid	CEO	EEE 2017
26	Nuvvuru Preetham Reddy	Sriven Valves LLP	Founder & Managing Director	DFM 2017
27	Nagendra Gorthi	Gorthi Constructions	Owner/CEO	CIVIL 2013
28	Nihar K	Excelrace solutions pvt ltd	Managing partner	CIVIL 2022
29	Siddharth Kukatpalli	Syntizen Technologies	Co-founder and Chief Business Officer	CSE 2013
30	Ragini Ravipati	Ezeetrak.com Mesmara	CFO and Co-Founder Brand Co-Owner	ECE 2004

31	Swamy Manda	Radiant Semiconductors INDIA & USA	Founder & CEO	ECE 2010
32	Martha Kranthi	ZENBYT PRIVATE LIMITED	CEO / Managing Director	ECE 2018