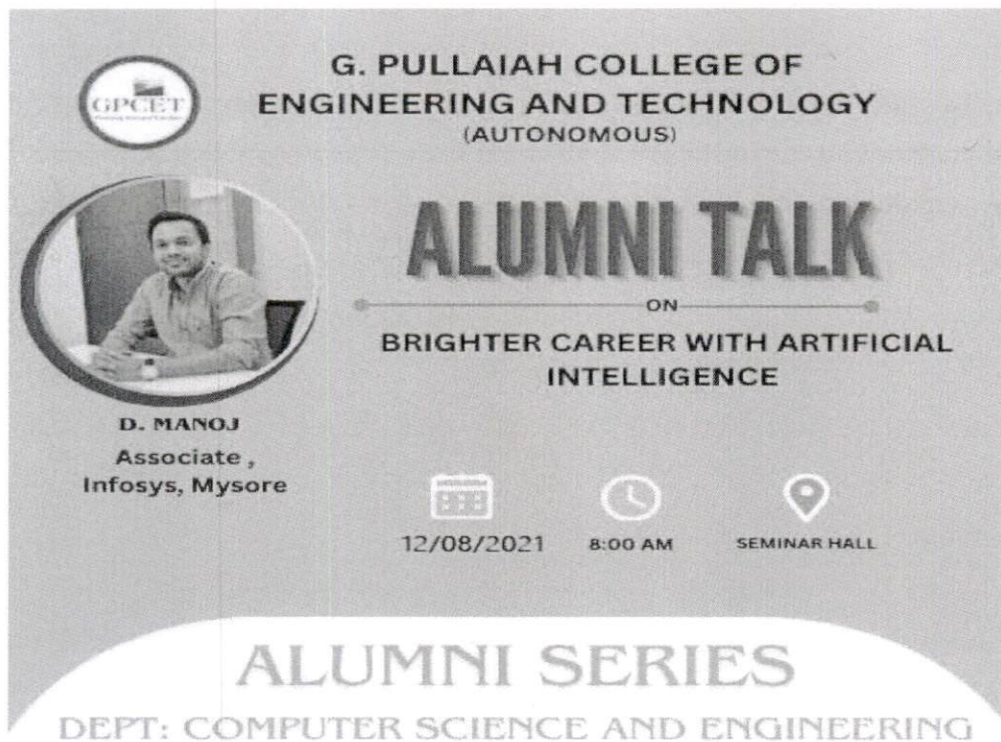


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(Autonomous)**

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Nandikotkur Road, Venkayapalli (V), Kurnool - 518452, Andhra Pradesh

ALUMNI TALK ON BRIGHTER CAREER WITH ARTIFICIAL INTELLIGENCE

Alumini talk on “**BRIGHTER CAREER WITH ARTIFICIAL INTELLIGENCE**” was organized under Department of Computer Science and Engineering on 12/8/2021. As we navigate the ever-evolving landscape of technology, it's crucial to understand the transformative power of artificial intelligence (AI) and its impact on career trajectories.

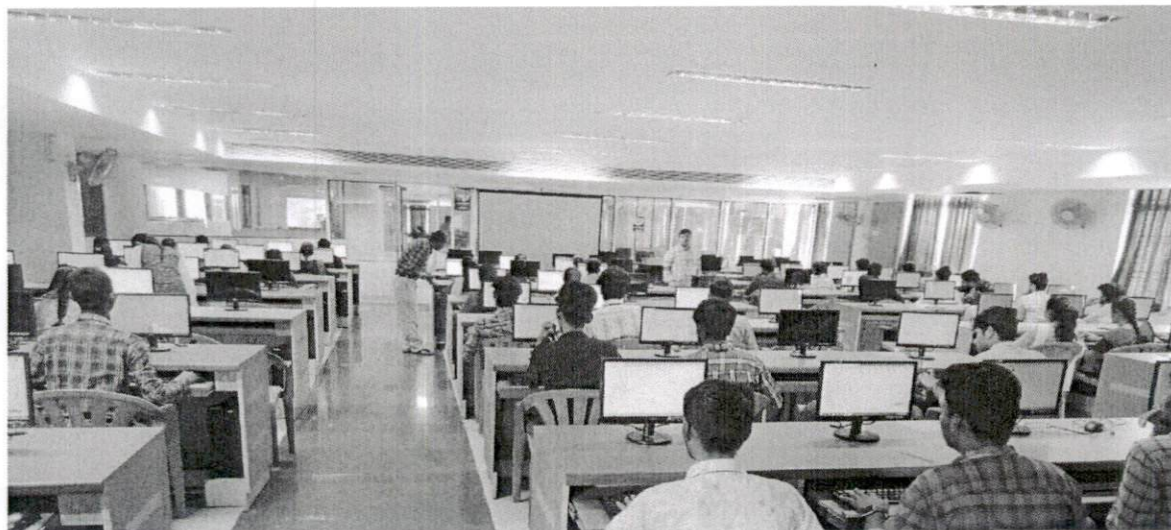


The poster features the GPCET logo at the top left. The main text reads: "G. PULLAIAH COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS) ALUMNI TALK ON BRIGHTER CAREER WITH ARTIFICIAL INTELLIGENCE". A circular photo of D. Manoj is shown on the left. Below the photo, it says "D. MANOJ Associate, Infosys, Mysore". At the bottom, there are three icons: a calendar for "12/08/2021", a clock for "8:00 AM", and a location pin for "SEMINAR HALL". The bottom of the poster has a white curved banner with the text "ALUMNI SERIES" and "DEPT: COMPUTER SCIENCE AND ENGINEERING".

Our keynote speaker, D. Manoj, a leading expert in AI research and innovation, will kick off our discussion with insights into the current state of AI technology and its future implications for various

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industries. He will highlight the significance of up skilling and reskilling in harnessing AI's potential to drive career advancement.



These young students listened to the lecture with rapt attention and expressed the feeling of satisfaction. In interactive breakout sessions, participants will have the opportunity to explore specialized topics such as:

1. AI in Finance: Capitalizing on predictive analytics and algorithmic trading.
2. AI in Healthcare: Enhancing patient care through machine learning and medical imaging.
3. AI in Marketing: Leveraging data analytics and personalized targeting for marketing campaigns.
4. AI in Education: Transforming learning experiences through adaptive learning platforms and virtual assistants.

As we conclude our alumni talk on "Brighter Career with Artificial Intelligence," let's reflect on the invaluable insights shared today. Armed with knowledge, skills, and a forward-thinking mindset, we're empowered to navigate the evolving landscape of AI and embark on fulfilling career journeys filled with innovation and growth.

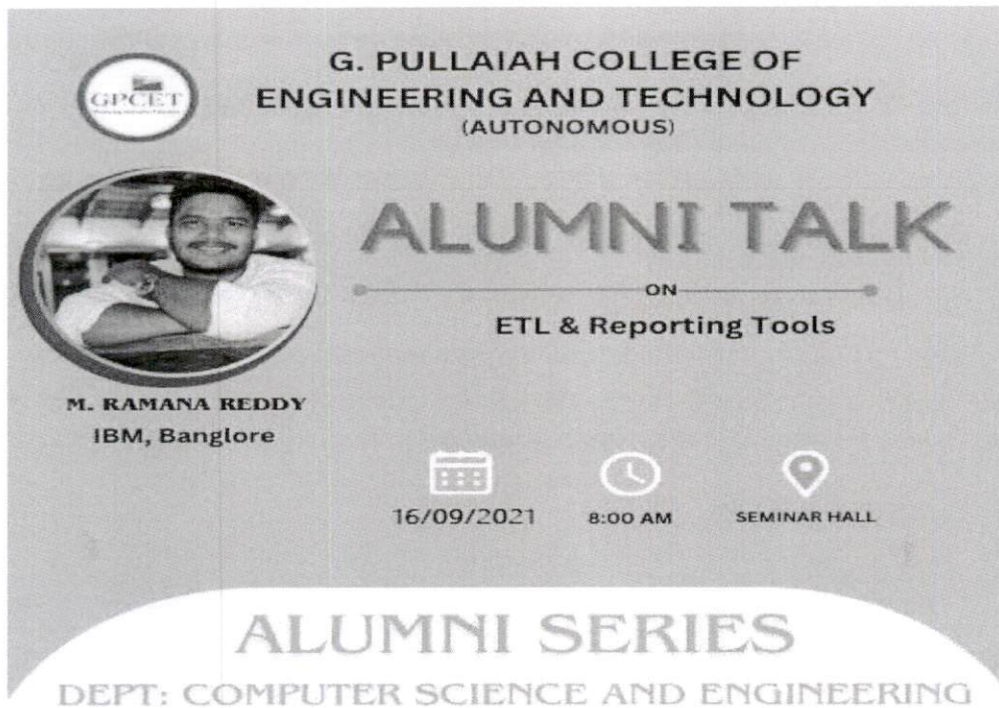
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ALUMNI TALK ON ETL & REPORTING TOOLS

Alumini talk on “**ETL & Reporting Tools**” was organized under Department of Computer Science and Engineering on 16/9/2021. In today's data-driven era, the efficient extraction, transformation, and loading (ETL) of data, coupled with robust reporting tools, are indispensable for driving informed decision-making and maximizing organizational performance. Join us as we explore the dynamic landscape of ETL and reporting technologies and their profound implications for career advancement.



The poster features the GPCET logo at the top left. The main text reads: "G. PULLAIAH COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS) ALUMNI TALK ON ETL & Reporting Tools". A circular portrait of M. Ramana Reddy is shown on the left, with his name and affiliation "IBM, Bangalore" below it. At the bottom, three icons represent the date "16/09/2021", time "8:00 AM", and location "SEMINAR HALL". The bottom section of the poster is a white curved banner with the text "ALUMNI SERIES" and "DEPT: COMPUTER SCIENCE AND ENGINEERING".

Our keynote speaker, M. Ramana Reddy, a seasoned data architect with extensive experience in ETL implementation and reporting solutions, will set the stage by elucidating the pivotal role of ETL processes in data integration and analytics. Reddy will delve into emerging trends, best practices, and the evolving landscape of ETL tools, providing invaluable insights for navigating this complex domain.

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In interactive breakout sessions, participants will have the opportunity to delve deeper into specialized topics such as:

1. **Advanced ETL Techniques:** Exploring data warehousing concepts, data modeling, and performance optimization strategies.
2. **Reporting Tool Selection:** Evaluating and comparing leading reporting tools, including Power BI, Tableau, and Looker, to meet specific business requirements.
3. **Data Visualization Best Practices:** Enhancing data storytelling and visualization techniques to drive impactful insights and decision-making.
4. **ETL Automation and Orchestration:** Implementing automation frameworks and orchestrating ETL workflows for scalability and efficiency.

As we conclude our alumni talk on "Navigating ETL & Reporting Tools in the Modern Workforce," let us reflect on the invaluable knowledge and insights shared today. Armed with a deeper understanding of ETL processes, reporting technologies, and data analytics, we are poised to excel in our respective careers and drive organizational innovation and success. The students listened to the lecture with rapt attention and expressed the feeling of satisfaction.

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ALUMNI TALK ON PYTHON IN DATA SCIENCE

Alumni talk on " **Python in Data Science**" was organized under Department of Computer Science and Engineering on 23/11/2021. In today's data-driven world, Python has emerged as a cornerstone for extracting actionable insights from vast datasets, propelling innovation across industries. Join us as we explore the transformative role of Python in data science and its profound impact on shaping successful career paths.

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(AUTONOMOUS)**

ALUMNI TALK
ON
Python in Data Science

CB. CHENNA KESHAVA
Associate,
Infosys, Mysore

23/11/2021 8:00 AM SEMINAR HALL

ALUMNI SERIES
DEPT: COMPUTER SCIENCE AND ENGINEERING

Our keynote speaker, Ch. Chenna keshava, a leading data scientist and Python enthusiast, will kickstart our event by illuminating the significance of Python as a versatile and powerful tool for data analysis, machine learning, and visualization. He will delve into the rich ecosystem of Python libraries, frameworks, and tools that empower data scientists to tackle complex problems and drive informed decision-making.

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Following the keynote address, we'll delve into a dynamic panel discussion featuring esteemed alumni who have leveraged Python to excel in diverse domains such as finance, healthcare, e-commerce, and academia. Our panelists will share personal anecdotes, insights, and best practices for harnessing the full potential of Python in data science projects, from data acquisition to model deployment.

In interactive breakout sessions, participants will have the opportunity to delve deeper into specialized topics such as:

1. Data Wrangling with Python: Techniques for cleaning, transforming, and preprocessing data using pandas and NumPy.
2. Machine Learning with Python: Exploring popular machine learning algorithms and libraries such as scikit-learn and TensorFlow for predictive modeling and pattern recognition.
3. Data Visualization in Python: Leveraging matplotlib, seaborn, and Plotly to create compelling visualizations that convey insights effectively.
4. Advanced Python for Data Science: Dive into advanced topics such as natural language processing, deep learning, and reinforcement learning with Python.

As we conclude our alumni talk on "Unleashing Data Potential: Python in Data Science," let us reflect on the invaluable insights and experiences shared today. Empowered with Python's capabilities and a passion for data-driven problem-solving, we are poised to drive innovation, tackle complex challenges, and shape the future of data science.

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ALUMNI TALK ON CAREER OPPORTUNITIES IN CLOUD SERVICES

Alumni talk on "Career Opportunities in cloud services" was organized under Department of Computer Science and Engineering on 16/2/2022. As organizations increasingly migrate their operations to the cloud, there has never been a more opportune time to explore the vast career possibilities in cloud computing.

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ALUMNI TALK
ON
Career Opportunities in cloud services

C. Ajay Kumar
Accenture, Bangalore

16/2/2022 8:00 AM SEMINAR HALL

ALUMNI SERIES
DEPT: COMPUTER SCIENCE AND ENGINEERING

Our keynote speaker, C. Ajay kumar, a seasoned cloud architect and thought leader, will kick off our event by providing an overview of the evolving landscape of cloud services. She will highlight the key trends, innovations, and opportunities driving the adoption of cloud technologies across industries, setting the stage for our discussion on career prospects.

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Following the keynote address, we'll engage in a stimulating panel discussion featuring esteemed alumni who have carved successful careers in cloud services. Our panelists, representing diverse sectors such as IT, cyber security, finance, and healthcare, will share their career journeys, insights, and tips for navigating the dynamic world of cloud computing.

In interactive breakout sessions, participants will have the opportunity to delve deeper into specialized topics such as:

1. Cloud Infrastructure Management: Exploring best practices for deploying, scaling, and optimizing cloud infrastructure on platforms like AWS, Azure, and Google Cloud.
2. Cloud Security and Compliance: Addressing security challenges and regulatory compliance in cloud environments, including identity management, encryption, and access controls.
3. Cloud Data Analytics: Leveraging cloud-based analytics tools and platforms to extract actionable insights from large datasets and drive informed decision-making.
4. Cloud Solutions Architecture: Designing scalable and resilient cloud solutions to meet business requirements, encompassing architectural patterns, micro services, and containerization.

As we conclude our alumni talk Empowered with knowledge, skills, and a forward-thinking mindset, we are well-positioned to embark on rewarding career journeys in the ever-expanding realm of cloud computing.

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WEBINAR ON CYBER SECURITY AND ETHICAL HACKING

Webinar on "**Webinar on Cyber Security and Ethical Hacking**" was organized under Department of Computer Science and Engineering on 19/3/2022. In today's interconnected world, cyber security threats pose significant challenges to individuals, businesses, and governments alike. Join us as we delve into the realm of cyber security and ethical hacking, exploring strategies to mitigate risks and protect digital assets.

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WEBINAR

ON
Cyber Security and Ethical Hacking

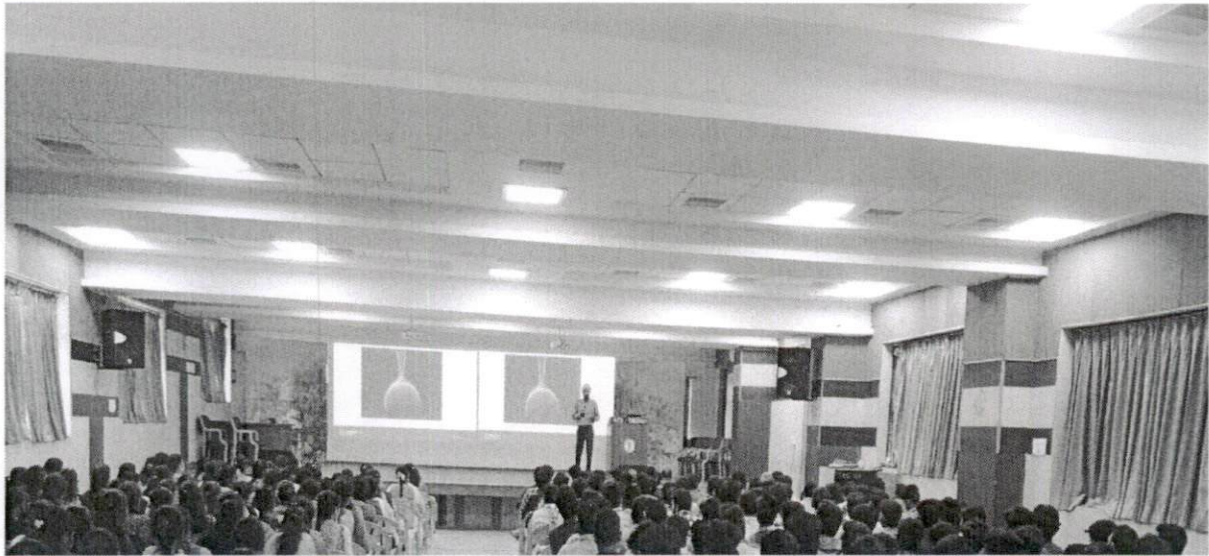
B. RAJ KISHORE
Ralph Lauren, Bangalore

19/3/2022 8:00 AM SEMINAR HALL

ALUMNI SERIES
DEPT: COMPUTER SCIENCE AND ENGINEERING

Our keynote speaker, B Raj Kumar renowned cyber security experts, will kick off our webinar by providing an overview of the evolving cyber threat landscape. They will highlight the importance of proactive cyber security measures and ethical hacking practices in safeguarding against malicious activities. She'll also discuss emerging trends and best practices for enhancing cyber resilience.

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Following the keynote address, we'll engage in a stimulating panel discussion featuring experts from the cyber security industry, academia, and government sectors. Our panelists will share insights, experiences, and practical advice on various aspects of cybersecurity and ethical hacking, including threat intelligence, penetration testing, incident response, and compliance.

In interactive breakout sessions, participants will have the opportunity to explore specialized topics such as:

1. Penetration Testing: Conducting ethical hacking exercises to identify vulnerabilities and assess the security posture of systems and networks.
2. Threat Detection and Response: Implementing strategies and tools for detecting, analyzing, and mitigating cyber threats in real-time.
3. Cyber security Compliance: Navigating regulatory frameworks and industry standards to ensure compliance with data protection laws and security regulations.
4. Ethical Hacking Tools and Techniques: Exploring popular tools and methodologies used by ethical hackers for reconnaissance, exploitation, and post-exploitation activities.

As we conclude our webinar on "**Webinar on Cyber Security and Ethical Hacking**," let us reflect on the invaluable insights and strategies shared today. By embracing a proactive approach to cyber security and ethical hacking, we can collectively fortify our digital

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ALUMNI TALK ON DEEP LEARNING AND ARTIFICIAL INTELLIGENCE

Alumni talk on "**Deep Learning and Artificial Intelligence.**" Was organized under Department of Computer Science and Engineering On 27/4/2022. In today's era of rapid technological advancement, deep learning and artificial intelligence (AI) are revolutionizing industries and reshaping our understanding of intelligence. Join us as we embark on a journey to explore the cutting-edge applications, trends, and opportunities in deep learning and AI.

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ALUMNI TALK
ON
Deep Learning and Artificial Intelligence

K. SATHOSH
Rakuten, Bangalore

27/4/2022 8:00 AM SEMINAR HALL

ALUMNI SERIES
DEPT: COMPUTER SCIENCE AND ENGINEERING

Our keynote speaker, K. Santhosh, a distinguished researcher in the field of AI and deep learning, will set the stage for our webinar by providing insights into the foundations of deep learning and its transformative impact on AI technologies. He will discuss recent advancements, challenges, and future directions in the field, inspiring participants to harness the power of deep learning for innovation and discovery.

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In interactive breakout sessions, participants will have the opportunity to delve deeper into specialized topics such as:

1. Applications of Deep Learning: Exploring use cases and success stories across diverse domains, including healthcare, finance, autonomous vehicles, and robotics.
2. Deep Learning Frameworks and Tools: Comparing popular frameworks such as TensorFlow, PyTorch, and Keras, and discussing best practices for model development, training, and deployment.
3. Advanced Deep Learning Techniques: Delving into cutting-edge techniques such as generative adversarial networks (GANs), reinforcement learning, and transfer learning, and their applications in solving complex problems.
4. Ethics and Responsible AI: Addressing ethical considerations, bias mitigation strategies, and the role of AI in promoting fairness, transparency, and accountability.

As we conclude our webinar on "**Deep Learning and Artificial Intelligence**," let us reflect on the transformative potential of deep learning and AI to shape our future. By embracing innovation, collaboration, and responsible stewardship of AI technologies, we can unlock new frontiers of intelligence and create a better world for all.

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ALUMNI WEBINARS – 2021-22

A webinar was conducted for all the BTech students under Alumni Talk Series by the Department of ECE on “Cyber Security” by Alumni **Mr.M.Ashok Kumar Reddy, Geny Soft** on 09th March 2021 through Teams Platform.

The webinar was all about the Skill Set required for getting Job Opportunities in Finance Sector. Particularly, highlighted the functional skills required in Finance Sector and also Career Opportunities in that domain. Initially, **Mr.M.Ashok Kumar Reddy** has given brief on technical skills in Finance Sector and its use in the present scenario.

Further, he said like expertise skill means a specific area in which you have to have more knowledge (or) experience. He opined that in the IT industry candidates are recruited based on their niche skills such as expertise in Networking, Hacking and avoiding with proficient programming languages such as Artificial Intelligence and Machine Learning, Robotic Process Automation (RPA), Block Chain etc..

At the end of the webinar, an interactive Questions & Answers session was organized in which the resource person addressed to the questions of the students about the webinar. Most of the questions were about how to equip those skills, list of top MNCs working on these domains, future of sector and salary structure in the domain etc.


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Talk on
“Cyber Security”
9th March 2021
10:30 AM



Metla Ashok Kumar Reddy
Geny Soft, Software



ALUMNI SERIES

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A webinar was conducted for all the B.Tech students under Alumni Talk Series by the Department of ECE a session namely; **“Recruitment Process”** by Alumni **Ms.B. Keerthana, V2Soft, Hyderabad** on 03rd August 2021 through Zoom Platform.

The webinar was all about the **Recruitment Process** in Companies and Skills required for getting Job Opportunities in IT Sector. Particularly, highlighted the technical skills required in to work in IT Field and also Career Opportunities in Software Industry. Initially, **Ms.B. Keerthana** has given brief on **Recruitment Process** and its use in the present scenario.

Further, she said MNC companies **Recruitment Process** Operations are always on the lookout for skilled professionals. In fact, India is facing a shortage of skilled professionals. She opined that candidates are recruited skills such as advanced excel and SQL operating skills, good communication and presentation skills, strong documentation and analytical skills, ability to engage and interact independently with client personnel, work in result-oriented team environment, work in a multi-time zone environment and travel to other offices if required etc.

At the end of the webinar, an interactive Questions & Answers session was organized in which the resource person answered to the questions of the students. Most of the questions

were about how to equip those skills, how to get job in Software Industry, future of sector and salary structure in the domain etc.



The poster features the GPCET logo at the top center. Below it, the title "A Webinar On Recruitment Process" is prominently displayed. The date and time, "03rd August 2021 10:00 AM", are listed. A small photo of a woman, Bureti Keerthana, is shown on the left, with her name and affiliation "BURETI KEERTHANA V2Soft" to the right. A video camera icon is also present. At the bottom, it identifies the event as part of the "ALUMNI SERIES" for "Electronics and Communication Engineering" at "G.Pullaiah College of Engineering and Technology, Kurnool (Autonomous)", with the website "www.gpcet.ac.in".


A webinar was conducted for all the B.Tech students under Alumni Talk Series by the Department of ECE a session namely; “**Challenges in Software Industry**” by Alumni **Mr.V. Nikhil, NatWest Group** on 02-03September 2021 through Teams Platform.

The webinar was all about sharing the ongoing trends in IT industry and particularly, lightened in Niche Technologies in IT Industry and Career Opportunities in that domain. Initially, **Mr.V. Nikhil** has given brief on Niche Technologies in IT Industry and its use in the present scenario.

Further, he said like Niche skill means a specific area in which you have to have more knowledge (or) experience. He opined that in the IT industry candidates are recruited based on their niche skills such as machine learning, data engineering, data visualization, artificial intelligence, Java programming, and cloud computing, etc.



At the end of the webinar, an interactive Questions & Answers session was organized in which the resource person addressed to the questions of the students about the webinar. Most of the questions were about how to equip those skills, list of top MNCs working on these technologies, future of technologies and salary structure in the domain etc.


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GPCET
Pioneering Innovative Education

A Presentation
on
“Challenges in Software Industry”

02-03 September 2021
10:00 AM

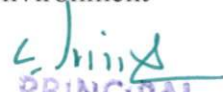
 **VADLA NIKHIL** 
NatWest Group

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A webinar was conducted for all the B.Tech students under Alumni Talk Series by the Department of Electronics & Communication Engineering on **“Embedded System Design”** by Alumni **Mr.D.Prasanth,Virtusa,Mysore** on 01st November 2021 through Teams Platform.

The webinar was all about the Career Opportunities in **Embedded System Design** and Skills required for getting Job Opportunities in this sector. Particularly, highlighted the technical skills required in to work in **Embedded System Design**. Initially, **Mr.D.Prasanth** has given an overview on Indian Core Embedded Systems sector.

Further, he said like companies in **Embedded System Design** sector are always on the lookout for skilled professionals. In fact, India is facing a shortage of skilled professionals. He opined that Indian **Embedded System Design** hopes to create millions of job opportunities by 2025 and our government is also taking various initiatives to improve the structure and promote **Embedded System Design industries** efficiently. To have career in this sector candidate should acquire skills like; good communication, Analytical, teamwork, Core knowledge of Thinking skills and adoptable to work in a multi-time zone environment etc.


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At the end of the webinar, an interactive Questions & Answers session was organized in which the resource person addressed to the questions of the students about the webinar. Most of the questions were about how to equip those skills, list of top MNCs working on these technologies, future of technologies and salary structure in the domain etc.





The poster is for a webinar titled "Embedded System Design" held on 1st November 2021 at 12:00 PM. The speaker is Damam Prasanth Virtusa, an alumnus of the Electronics and Communication Engineering department at G.Pullaiah College of Engineering and Technology, Kurnool. The poster also mentions the "ALUMNI SERIES" and provides the college's website as www.gpcet.ac.in.

A webinar was conducted for all the B.Tech students under Alumni Talk Series by the Department of Electronics & Communication Engineering on “**Green Energy Technologies**” by Alumni **Mr.K.Sharath Kumar, Team Leader, aramco** on 05-06 February 2022 through Google Meet.

The webinar was all about sharing the ongoing trends in Renewable industry and particularly, lightened in Advanced Technologies in Energy Industry and Career Opportunities in that domain. Initially, **Mr.K.Sharath Kumar** has given brief on Advanced Technologies in **Green Energy Technologies** Industry and its use in the present scenario.

Further, he said like expertise skill means a specific area in which you have to have more knowledge (or) experience. He opined that in the **Green Energy** industry candidates are recruited based on their niche skills such as expertise in Sources of Energy Solar, Wind, Hydro and Mechanical Designs, Motors, GIS etc.

At the end of the webinar, an interactive Questions & Answers session was organized in which the resource person addressed to the questions of the students about the webinar. Most of the questions were about how to equip those skills, list of top MNCs working on these technologies, future of technologies and salary structure in the domain etc.


A Webinar
on
"Green Energy Technologies"
05-06 February 2022
11:30 AM
 **K Sharath Kumar**
aramco 
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Electronics and Communication Engineering
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A webinar was conducted for all the B.Tech students under Alumni Talk Series by the Department of Electronics & Communication Engineering on "**EV in Auto Industry**" by Alumni **Mr.Y.Siva Prasad Reddy, Power Co, Gujarat** on 09th April 2022 through Microsoft Teams.

The webinar was all about sharing the ongoing trends in **EV in Auto Industry** and particularly, lightened in Cutting Edge Technologies in **EV in Auto Industry** and Career Opportunities in that domain. Initially, **Mr.Y.Siva Prasad Reddy** has given brief on Cutting Edge Technologies in EV Industry and its use in the present scenario.

Further, he said like expertise skill means a specific area in which you have to have more knowledge (or) experience. He opined that in the EV industry candidates are recruited based on their niche skills such as expertise in Designing, Modeling, Simulation, Selection of Materials, Proficiency in Management etc.

At the end of the webinar, an interactive Questions & Answers session was organized in which the resource person addressed to the questions of the students about the webinar. Most of the questions were about how to equip those skills, list of top MNCs working on these technologies, future of technologies and salary structure in the domain etc.


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Talk on
“EV in Auto Industry”
9th April 2022
09:30 AM



Y Siva Prasad Reddy
PowerCo, SE



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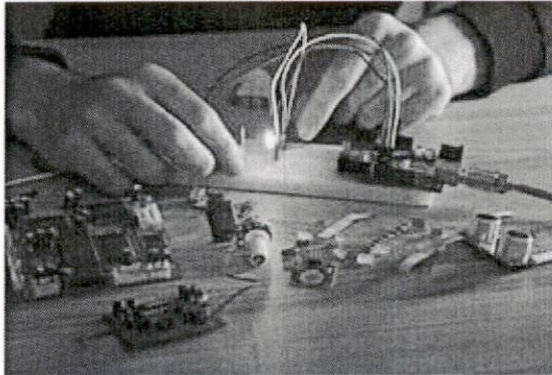
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING


REPORT ON ROLE OF ELECTRICAL ENGINEER IN SMART BUILDING

Department of EEE, G.Pullaiah College of Engineering and Technology is organising in association with Mr.N.A.Charan a one day webinar on "ROLE OF ELECTRICAL ENGINEER IN SMART BUILDING" on 12/11/2021. Mr.N.A.Charan is the Commission Engineer HoneyWell,United Kingdom. A total of 100 students attended in this session from II year 1ST sem B.Tech 2021.







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Nandikotkur Road, Venkayapalli (V), Kurnool - 518452, Andhra Pradesh




Alumini Talk on
Role of Electrical Engineer in Smart Building




**Commission Engineer
HoneyWell,
United Kingdom**



Mr. N.A. CHARAN



12/11/2021



2 : 00 P.M.

**Organized By
Department of Electrical and Electronics Engineering**

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Electrical engineers play a crucial role in the design, implementation, and maintenance of smart buildings. Here are some key aspects of their role:

1. System Design: Electrical engineers are responsible for designing the electrical systems that enable smart functionalities within buildings. This includes power distribution systems, lighting systems, HVAC (Heating, Ventilation, and Air Conditioning) systems, security systems, and communication networks.

2. Integration of Smart Technologies: They integrate various smart technologies into the building's infrastructure. This can include IoT (Internet of Things) devices, sensors, actuators, smart meters, and other automation systems to monitor and control different aspects of the building's operations.

3. Energy Efficiency: Electrical engineers focus on optimizing energy usage within smart buildings. They design energy-efficient lighting systems, heating, and cooling systems, as well as implement energy management systems to monitor and reduce overall energy consumption.

4. Automation and Control Systems: They design and implement automation and control systems that allow for centralized monitoring and control of building functions. This includes automated lighting and climate control systems, as well as building management systems (BMS) that regulate energy usage based on occupancy and environmental conditions.

5. Safety and Security Systems: Electrical engineers ensure the integration of safety and security systems within smart buildings. This includes fire detection and suppression systems, access control systems, surveillance cameras, and intrusion detection systems, all of which are often interconnected and managed through a central control interface.

6. Data Analysis and Optimization: With the proliferation of sensors and IoT devices in smart buildings, electrical engineers analyze data collected from these devices to identify patterns, optimize building performance, and improve occupant comfort and productivity.

7. Maintenance and Support: Electrical engineers are involved in the ongoing maintenance and support of smart building systems. They troubleshoot issues, perform upgrades, and ensure that all systems are functioning properly to meet the building's operational needs. Overall, electrical engineers play a critical role in the design, implementation, and maintenance of smart buildings, ensuring that they are energy-efficient, safe, secure, and provide optimal comfort and functionality for occupants.


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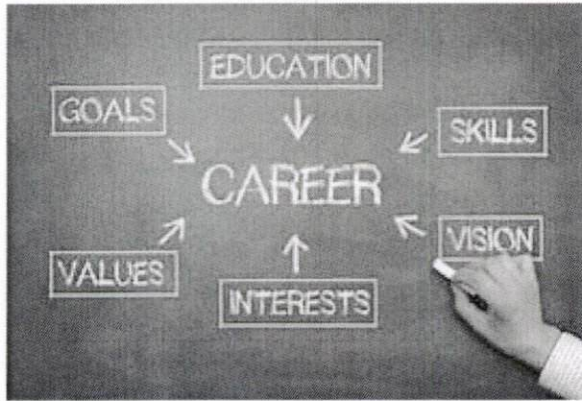
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

REPORT ON CAREER GUIDANCE

Department of EEE, G.Pullaiah College of Engineering and Technology is organising in association with Mr.G.Venkat a one day webinar on "Career Guidance" on 29/03/2022. Mr.G.Venkat is the Data Engineer Impetus Techologies, Pune . A total of 95 students attended in this session from II year 2nd sem B.Tech 2022.



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Alumini Talk on
Career Guidance

Mr. G. Venkat

29/03/2022

2 : 00 P.M.

Data Engineer
Impetus
Techologies,
Pune

Organized By
Department of Electrical and Electronics Engineering

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Certainly! Career guidance can be tailored to individual interests, skills, and goals. Here are some general steps and considerations to help you navigate your career path:

1. Self-Assessment: Reflect on your interests, strengths, values, and skills. What activities do you enjoy? What are you good at? What are your long-term goals and aspirations? Understanding yourself is crucial in choosing a career that aligns with your passions and abilities.

2. Explore Career Options: Research various industries, professions, and job roles that appeal to you. Consider factors such as job outlook, salary potential, work-life balance, and growth opportunities. Informational interviews, job shadowing, internships, and online resources can help you gain insights into different career paths.

3. Education and Training: Identify the educational and training requirements for your desired career. This may involve obtaining a specific degree, certification, or acquiring technical skills through vocational programs, workshops, or online courses. Determine the most suitable educational pathway based on your career goals and resources.

4. Gain Experience: Seek opportunities to gain practical experience and build your resume. This could include internships, part-time jobs, volunteer work, freelance projects, or participation in extracurricular activities related to your field of interest. Hands-on experience not only enhances your skills but also helps you network and make valuable connections in your industry.

5. Networking: Cultivate professional relationships with peers, mentors, industry professionals, and alumni. Attend networking events, career fairs, workshops, and online forums to expand your network and learn from others' experiences. Networking can provide valuable insights, job leads, and opportunities for collaboration or mentorship.

6. Continuous Learning and Development: Stay updated on industry trends, technological advancements, and best practices relevant to your field. Pursue professional development opportunities, such as workshops, seminars, conferences, or online courses, to enhance your skills and knowledge. Continuous learning is essential for career growth and adaptability in a rapidly evolving job market.

7. Set Goals and Take Action: Establish short-term and long-term career goals based on your aspirations and priorities. Create a plan of action outlining the steps needed to achieve your goals, including milestones, deadlines, and resources required. Stay proactive and resilient in pursuing your career objectives, embracing challenges and learning from setbacks along the way. Remember that career development is a dynamic process, and it's okay to explore different paths, pivot, or make changes as you grow and evolve professionally.


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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

REPORT ON INSTALLATION AND MAINTANANCE OF HEAVY EARTHMOVING MACHINES

Department of EEE, G.Pullaiah College of Engineering and Technology is organising in association with Mr.K.Sai Santhosh a one day webinar on "INSTALLATION AND MAINTANANCE OF HEAVY EARTHMOVING MACHINES" on 15/08/2021. Mr.K.Sai Santhosh is the Alumini OIST Coal Indis Limited. A total of 110 students attended in this session from III year 1ST sem B.Tech 2021.

REPAIRING & MAINTENANCE OF EARTH MOVING EQUIPMENT'S



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Alumini talk

on

INSTALLATION AND MAINTANANCE OF HEAVY EARTHMOVING MACHINES



Mr. K SAI SANTHOSH

Alumini OIST, COAL INDIA LIMITED



15 | 8 | 2021



10 : 00 a.m.



Block - 3

Organized By

Department of Electrical and Electronics Engineering

S. Prasad
PRINCIPAL
G.Pullaiah College of Engg & Tech
Nandikotkur Road, VENKAYAPALLI,
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Installation and maintenance of heavy earthmoving machines require careful planning, adherence to safety protocols, and regular inspections to ensure optimal performance and longevity of the equipment. Here are some steps to consider:

1. Site Preparation: Before installing heavy earthmoving machines, ensure that the site is properly prepared. This includes leveling the ground, ensuring adequate drainage, and providing a stable foundation.

2. Safety Measures: Implement safety measures to protect workers and the equipment during installation and maintenance. This includes providing appropriate personal protective equipment (PPE), safety training, and following all safety guidelines and regulations.

3. Equipment Inspection: Before installation, thoroughly inspect the equipment to ensure it is in proper working condition. Check for any damage or defects that may affect performance or safety.

4. Installation Procedure: Follow the manufacturer's guidelines and specifications for the installation of the equipment. Use proper lifting equipment and techniques to safely position the machines in place.

5. Testing and Calibration: After installation, perform testing and calibration to ensure the equipment is functioning correctly. This may involve running the machines through various operations to verify performance.

6. Regular Maintenance: Establish a maintenance schedule and adhere to it diligently. This includes routine inspections, lubrication, and replacement of worn parts. Regular maintenance helps prevent breakdowns and prolongs the life of the equipment.

7. Training: Ensure that personnel responsible for operating and maintaining the equipment are properly trained. Provide ongoing training to keep them updated on best practices and safety procedures.

8. Record Keeping: Maintain detailed records of maintenance activities, inspections, and any repairs performed on the equipment. This information can help identify trends, track the equipment's performance, and schedule future maintenance tasks.

9. Emergency Procedures: Develop and communicate emergency procedures in case of equipment failure or accidents. This includes procedures for shutting down equipment safely and responding to emergencies promptly.

10. Environmental Considerations: Consider environmental factors such as dust, moisture, and temperature fluctuations that may affect the performance and lifespan of the equipment. Implement measures to mitigate these risks as needed. By following these steps and maintaining a proactive approach to installation and maintenance, you can ensure that heavy earthmoving machines operate safely and efficiently for years to come.

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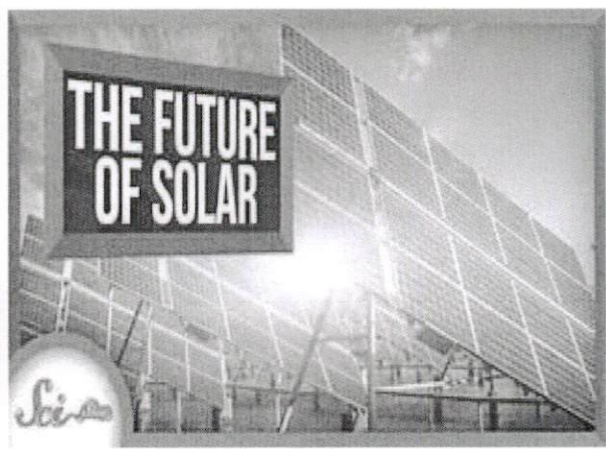
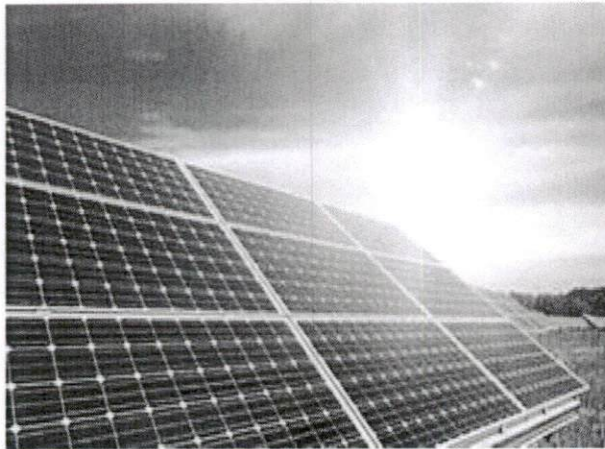
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING SOLAR ENERGY A STEP TOWARDS FUTURE

Department of EEE, G.Pullaiah College of Engineering and Technology is organising in association with Mr.Adnan a one day webinar on "Solar Energy a Step Towards Future" on 25/05/2023. Mr.Adnan is the Trainee Engineer,1000MW Ultra Solar Plant, Panyam Mandalam, Gani. A total of 100 students attended in this session from III year 2nd sem B.Tech 2022.







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Alumini Talk on

SOLAR ENERGY A STEP TOWARDS FUTURE

Mr. Adnan
Trainee Engineer, 1000MW Solar Power Plant, Gani

 **25** May 2022 |  **10 : 00 a.m.**

Organized by
Department Of Electrical and Electronics Engineering

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Solar energy is indeed a crucial step towards shaping a sustainable future. Here's why:

1. Renewable and Abundant: Solar energy is derived from the sun, which is an abundant and virtually limitless resource. Unlike fossil fuels, which are finite and depletable, solar energy is renewable and will be available as long as the sun shines.

2. Clean and Environmentally Friendly: Solar energy production doesn't emit greenhouse gases or other pollutants that contribute to climate change and air pollution. By harnessing solar power, we can significantly reduce our carbon footprint and mitigate the harmful effects of traditional energy sources.

3. Cost-Effective: With advancements in technology and economies of scale, the cost of solar panels and solar energy systems has significantly decreased over the years. In many regions, solar energy has become cost-competitive with conventional sources of electricity, making it an attractive option for both residential and commercial applications.

4. Energy Independence: Solar energy provides individuals, communities, and nations with a degree of energy independence. By generating electricity locally from solar panels, households and businesses can reduce their reliance on centralized power grids and imported fossil fuels, enhancing energy security.

5. Job Creation and Economic Benefits: The solar energy industry creates numerous job opportunities, ranging from manufacturing and installation to maintenance and research. Moreover, investing in solar energy infrastructure stimulates economic growth, as it encourages innovation, attracts investment, and fosters the development of related industries.

6. Versatility and Scalability: Solar energy can be deployed in various forms, including rooftop solar panels, solar farms, and concentrated solar power plants. Its versatility allows for deployment in diverse settings, from urban environments to remote off-grid locations. Additionally, solar energy systems can be easily scaled up or down to meet the specific energy needs of different users.

7. Resilience and Disaster Recovery: Solar energy systems, particularly those equipped with energy storage solutions like batteries, enhance resilience against power outages and natural disasters. By decentralizing energy production and storage, solar power can provide critical electricity supply during emergencies, ensuring continuity of essential services and improving disaster recovery efforts.

Overall, solar energy represents a promising pathway towards a more sustainable, resilient, and equitable energy future. Embracing solar power alongside other renewable energy sources can help address climate change, reduce pollution, and promote energy access and equity worldwide.


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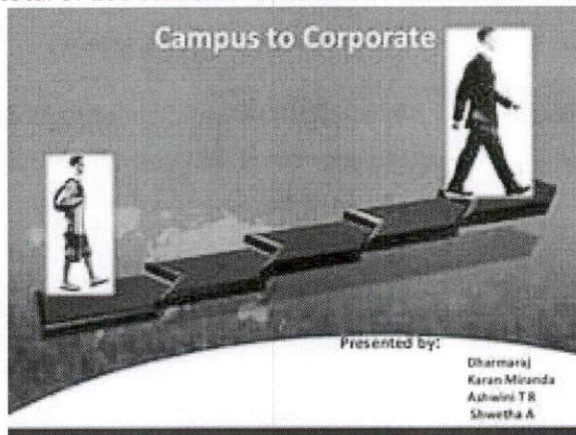
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CAMPUS TO CORPORATE: A PERSPECTIVE ON THE TRANSITION

Department of EEE, G.Pullaiah College of Engineering and Technology is organising in association with Miss J.V.N.S Roshini a one day webinar on "CAMPUS TO CORPORATE:A PERSPECTIVE ON THE TRANSITION" on 16/10/2021. Miss J.V.N.S Roshini is the Program Analyst Trainee, Cognizant, Bangalore. A total of 100 students attended in this session from IV year 1ST sem B.Tech 2021.



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Alumini Talk on

Campus to Corporate : A Perspective on the Transition

Miss J.V.N.S ROSHINI

Program Analyst Trainee, Cognizant, Bangalore



16 Oct 2021



10 : 00 a.m.

Organized by
Department Of Electrical and Electronics Engineering

C. Jiniya
PRINCIPAL
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The transition from campus to corporate life marks a significant shift in an individual's journey. It involves moving from the structured environment of academia to the dynamic and often unpredictable world of business. This transition is not just about changing physical locations or routines; it requires a shift in mindset, behavior, and expectations. Let's explore this transition from multiple perspectives:

1. Mindset Shift:

Independence: In campus life, there's a safety net provided by institutions, peers, and mentors. In the corporate world, individuals must take more initiative and responsibility for their own success.

Results Orientation: While grades matter in academia, what truly counts in the corporate world are tangible results, whether it's meeting sales targets, delivering projects on time, or exceeding customer expectations.

Long-Term Vision: Corporate life often demands a focus on long-term goals and strategic thinking, whereas campus life tends to be more short-term oriented, focusing on assignments, exams, and semester schedules.

2. Behavior Adaptation:

Professionalism: There's a need to adopt professional behavior, including dress code, communication style, and etiquette.

Adaptability: Corporate environments can be fast-paced and ever-changing. The ability to adapt to new situations, technologies, and team dynamics is crucial.

Networking: While networking exists in academia, it takes on a different form in the corporate world. Building professional relationships with colleagues, clients, and industry contacts becomes vital for career growth.

3. Expectations Management:

Feedback and Evaluation: In academia, feedback is often provided through grades and instructor comments. In the corporate world, feedback may come from supervisors, peers, or clients, and it's essential for personal and professional development.

Performance Pressure: The pressure to perform is heightened in corporate settings, where individual contributions directly impact the success of projects, teams, and organizations.

Continuous Learning: While learning is a constant in both academia and corporate life, the focus shifts from theoretical knowledge to practical application and skill development relevant to one's job role.

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4. Work-Life Balance:

Time Management: Balancing work commitments with personal life becomes crucial in corporate life, where the boundaries between work and leisure may blur.

Wellness: Managing stress, maintaining physical and mental well-being, and seeking support when needed are essential aspects of navigating the corporate world successfully.

5. Transition Support:

Orientation Programs: Many organizations offer orientation programs or onboarding sessions to help new hires acclimate to the corporate environment.

Mentorship and Coaching: Having access to mentors or coaches who can provide guidance, support, and feedback can ease the transition process.

Professional Development: Opportunities for training, workshops, and skill-building programs can help individuals bridge the gap between campus and corporate life effectively.

In conclusion, the transition from campus to corporate life involves more than just a change in scenery; it requires a holistic shift in mindset, behaviour, and expectations. By embracing this transition with an open mind, seeking support when needed, and continually adapting and learning, individuals can thrive in their new professional environments.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING DURABILITY OF METALS

Department of EEE, G.Pullaiah College of Engineering and Technology is organising in association with MR.G. Hemanth Reddy a one day webinar on "DURABILITY OF METALS" on 01/06/2022. Mr.G.Hemanth Reddy is the Assistant Manager VISA Steel. A total of 110 students attended in this session from IV B.Tech.









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Alumini talk
on
DURABILITY OF METALS



Mr. G. Hemanth Reddy
Assistant Managar VISA Steel

 1 | 6 | 2022
 10 : 00 a.m.
 Block - 3

Organized By
Department of Electrical and Electronics Engineering

L. Jyoti
PRINCIPAL
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The durability of metals refers to their ability to withstand various environmental conditions and mechanical stresses over time without significant deterioration. Several factors influence the durability of metals:

1. Corrosion Resistance: Corrosion is one of the most common forms of deterioration in metals, especially in environments with moisture, chemicals, or salt. Metals that have high resistance to corrosion, such as stainless steel and aluminum, are often used in applications where durability is critical.

2. Strength and Hardness: The strength and hardness of metals determine their ability to withstand mechanical stresses, such as tension, compression, and bending. Metals with higher strength and hardness are typically more durable and less prone to deformation or failure under load.

3. Fatigue Resistance: Fatigue is the gradual weakening of a metal's structure due to repeated cyclic loading and unloading. Metals with good fatigue resistance can endure millions of cycles without failure, making them suitable for applications involving cyclic loading, such as aerospace components and automotive parts.

4. Temperature Resistance: Some metals exhibit excellent resistance to high temperatures, while others may degrade or lose their mechanical properties at elevated temperatures. Metals used in applications exposed to high temperatures, such as engines and industrial furnaces, must have sufficient heat resistance to maintain their durability.

5. Environmental Factors: Environmental factors, such as exposure to ultraviolet (UV) radiation, humidity, pollution, and atmospheric gases, can affect the durability of metals. Protective coatings, surface treatments, and alloy modifications are often used to enhance the resistance of metals to environmental degradation.

6. Compatibility with Other Materials: Compatibility between metals and other materials, such as alloys, polymers, and composites, is essential in multi-material assemblies to prevent galvanic corrosion or other forms of degradation at material interfaces.

7. Manufacturing Processes and Quality Control: The manufacturing processes used to produce metals, such as casting, forging, machining, and heat treatment, can influence their microstructure and mechanical properties, affecting their durability. Quality control measures are essential to ensure the consistency and reliability of metal products. Overall, the durability of metals depends on a combination of factors, including their inherent properties, environmental conditions, mechanical stresses, and manufacturing processes. By selecting appropriate materials, applying protective measures, and adhering to quality standards, engineers and manufacturers can ensure the long-term durability and reliability of metal components and structures in various applications.


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