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Performance of the Institution in one area distinctive to its priority and thrust

Induction Program: -

Every year AM Reddy Memorial College of Engineering and Technology (AMRMCET), organizes an induction program for 15 days as per the instructions of JNTUK, to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students, staff and faculty members and exposure them to a sense of larger purpose and self-exploration.

Details of Induction program schedule for the AY: 2022 – 23 I – I B. Tech Induction program schedule on September 28th 2022

Date/Ti me	9.30 – 10.30 AM	10.30 – 11.30AM	11.30 – 12.30 PM	12.30 -1.30	1.30 – 2.30 PM	2.30 – 3.30 PM	3.30 – 4.30 PM
28/09/22	Saraswati puja	Inaugural message by Principal	Interaction by HoDs CSE & CS	1.50	Interaction by HoDs ECE & EEE	Interaction by HoDs ME & CE	Interaction by HoDs B S & H
29/09/22	Teaching learning process	Scholarship s and free ships	Mentoring system	L	Universal Ethics and Human values	Visit to laboratories	
30/09/22	Course structure	Softs skills	About students activities	U	About field visits	Sports & games	
01/10/22	Introduction placement and its reco		Learning and ability skills	N	Various types of NSS activities i the college		
07/10/22	About workshop seminars	About ICT facilities	About feedback system	С	Personal presentation Librar visit		Library visit
08/10/22	About Internshi ps	About NPTEL courses	Inspiring videos	Н	1		Sports & games
10/10/22	Interaction	with CEO	Life skills		Yoga and meditation		
11/10/22	Coding challenges		Inspiring videos		About Examination System		
12/10/22	Research in Engineering		Activity attitudes		-		Sports & games
13/10/22	Environment & Energy conservation		Career planning		About college committees and it activities		es and its
14/10/22	Technology		Significan ce of coding		Variou	us cultural activities	
15/10/22	The Computing – Present		& Future	-	1		Closing remarks

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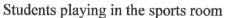
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Learning & Personality development skills





Students practicing the task given in The computer – Present & Future



Students giving their valuable feedback about induction program

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Laboratory Sessions

LABORATARY COURSES AS PER THE CURRICULUM: The curriculum includes Laboratory courses that enrich student learning enabling them to conduct experiments related to the theoretical concepts taught in the class room.

		R20 Regulation		R19 Regulation		R16 Regulation	
S.No	Program	Instructional hours	credits	Instructional hours	credits	Instructional hours	credits
1	CIVIL	49	26.5	34	18	32	24
2	EEE	50	32.5	36	18	34	24
3	MECH	49	26.5	34	18	32	24
4	ECE	50	32.5	36	18	34	24
5	CSE	51	26.5	28	14	36	24
6	CS	51	26.5	28	· 14	36	24
7	AGE	49	26.5	34	18	34	24
TOTAL		349	197.5	230	118	238	168



Civil Engineering students conducting experiments in surveying

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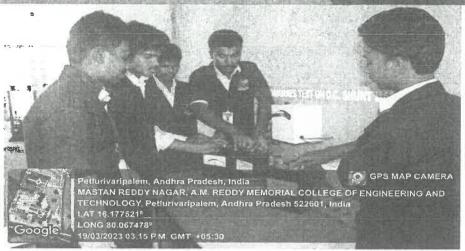


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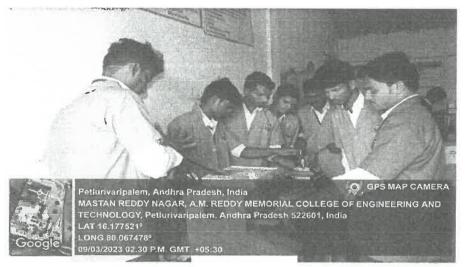
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Students of EEE conducting experiments in Machines lab



Students of ME conducting experiments in Machine Tools lab



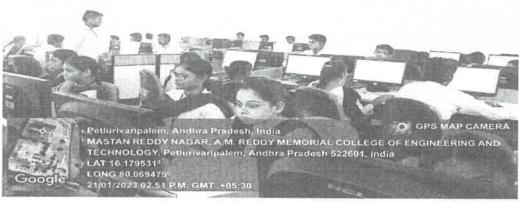
Students of ECE conducting experiments in ECA lab REDDY MEMORIAL COLLEGE OF

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Narasaraopet (MdI), Guntur(Dt.)

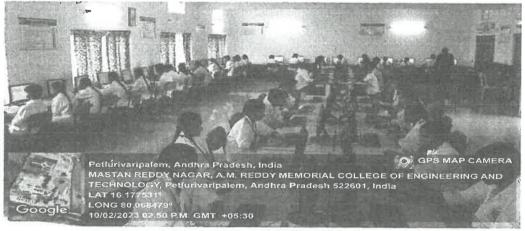


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Students of CSE conducting experiments in Java programming



Students of Cyber Security Branch conducting experiments on C programming



Students of Agriculture Engineering conducting experiments in Farming laby MEMORIAL COLLEGE C

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INDUSTRIAL VISITS

Industrial visits are usually the first point of interaction between a student and a live working industry. The students learn about the latest technology trend and make up their minds about their future job or area of interest. Industrial visits are important for several reasons

Practical Exposure: Industrial visits provide students with the opportunity to observe real-world industrial processes, machinery, and operations in action. This practical exposure complements theoretical knowledge gained in the classroom and helps students better understand how concepts are applied in practice.

Industry Insights: Visiting industrial facilities allows students to gain insights into various industries, sectors, and businesses. They can learn about different production methods, technologies, quality standards, and safety protocols specific to each industry, which can broaden their understanding of the business world.

Networking Opportunities: Industrial visits often include interactions with industry professionals, managers, and employees, providing students with networking opportunities. They can ask questions, seek advice, and make connections that may be beneficial for future internships, job opportunities, or research collaborations.

Career Exploration: Industrial visits expose students to different career paths and job roles within various industries. They can observe firsthand the day-to-day responsibilities of professionals in different departments, which can help them make informed decisions about their future career paths.

Skill Development: Observing industrial processes and operations can help students develop critical thinking, problem-solving, and analytical skills. They may also gain practical skills related to technical aspects of manufacturing, production, or quality control.

Industry Trends and Innovations: Industrial visits allow students to stay updated on industry trends, innovations, and emerging technologies. They can learn about the latest advancements in the field and how companies are adapting to changes in the market, which can inform their academic studies and future career choices.

Motivation and Inspiration: Seeing successful industrial facilities and hearing about their achievements can motivate and inspire students to excel in their studies and pursue career opportunities in their chosen field. It can also instill a sense of pride and confidence in their abilities to contribute to the industry in the future.

Overall, industrial visits play a valuable role in enhancing students' education, career readiness, and industry knowledge by providing firsthand exposure to real-world industrial environments and experiences.

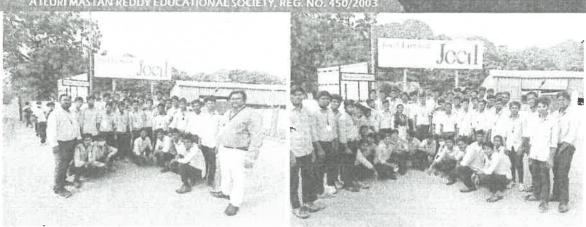
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Industrial Visit at Jocil Limited Company





Industrial visit to the JOCIL limited



Students at APIIC Park

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INTERNSHIPS, CERTIFICATIONS

Internships offer several benefits, including gaining hands-on experience, developing skills, building a professional network, and exploring career paths. They are often considered valuable stepping stones to future employment opportunities, as they allow individuals to demonstrate their abilities t potential employers.

Hands-on Experience: Internships provide practical experience in a real-world setting, allowing interns to apply theoretical knowledge gained in academic settings to practical situations.

Skill Development: Internships offer opportunities to develop and enhance essential skills such as communication, teamwork, problem-solving, and time management.

Networking: Internships allow students to build professional relationships and expand their network, which can be invaluable for future job opportunities.

Exploration and Clarification: Internships provide an opportunity for students to explore different industries, roles, and work environments, helping them clarify their career goals and aspirations.

Resume Building: Having internship experience on a resume can make a candidate more competitive in the job market, demonstrating initiative, practical skills, and relevant experience to potential employers.

Potential Job Offers: much internship serve as a pipeline for full-time employment, with companies often offering job opportunities to successful interns upon completion of their studies.

Overall, internships play a crucial role in preparing students for the transition from academia to the professional world and are highly valued by employers.

Principal

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अखिल भारतीय तकनीकी शिक्षा परिषद All India Council for Technical Education



Virtual Internship Completion Certificate

This is to certify that

AJAY ADDANKI

A.M.REDDY MEMORIAL COLLEGE OF ENGINEERING'& TE

has successfully completed 10 weeks

Al-ML Virtual Internship

during December 2022 - February 2023

Supported By aWS academy

Shri Buddha Chandrasekhar Chief Coordinating Officer (CCO) NEAT Cell, AICTE

Dr. Satya Ranjan Biswal Chief Technology Officer (CTO)



Certificate ID :ce1bb2d893eda2e0ece3d741c2ea760a Student ID :STU636a6aa0195df1667918496

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Smart Internal

CERTIFICATE OF COMPLETION

November 09, 2022

Ajay Addanki

Salesforce Developer Virtual Internship

During the 8 Weeks period of Virtual Internship (August-October 2022), Ajay Addanki has completed the following Salesforce Trailwad modules

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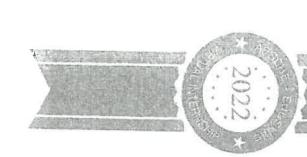
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Prof. K. Hemachandra Reddy Chairman, Andhra Pradesh State Council of Higher Education

Certificate ID :ea3f764ef216861c149ee48b8142469b

Dr. Satya Ranjan Biswal Chief Technology Officer (CTO) EduSkills

Virtual Internship Completion Certificate Boya Vishnu Vardhan This is to certify that

A.M. Reddy Memorial College Of Engineering And Technology

has successfully completed 10 weeks

AWS Cloud Virtual Internship

During Sep - Nov 2022



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Supported By **aWS** academy

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code 3 T. IT SOLUTIONS (OPC) PVL Ltd.

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+91 6301341478

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info@codegnan.com

www.codegnan.com

26th August 2022 Vijayawada

CERTIFICATE OF INTERNSHIP

This is to certify that Mr. CHITIMITI ASHOK CHAKRAVARTHI REDDY student of A.M Reddy Morial College of Engineering & Technology has successfully completed his Internship Program as "Data Science Intern" under the Supervision of Mr. Kallepu Saketh Reddy, C.O.O, Codegnan IT Solutions Pvt Ltd, Vijayawada from 25th June 2022 to 25th August 2022.

During his internship, he worked on different case studies related to Web Scraping, Exploratory Data Analysis, Web Frameworks, Machine Learning Model Training, Testing, and Deployment. We found him professional, knowledgeable, and result-oriented with a theoretical and practical understanding of design work requirements. He has a friendly, outgoing personality and works well as an individual or a team member as required by the management.

On behalf of the company, I take this opportunity to wish him all the very best in his future career endeavors and have a smooth life.

We wish him all the best in his future endeavors.

For Codegnan IT Solutions Pvt Ltd.,

J. Sailcivan

T. Saikiran HR - Manager

Principal

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INNOVATIVE PROJECTS

Innovation refers to the process of creating new ideas, products, services, or processes that add value or solve problems. It involves transforming ideas into tangible outcomes that benefit individuals, organizations, or society as a whole. Innovation can occur in various domains, including technology, business, science, healthcare, education, and more

Stay Competitive: In a rapidly changing landscape, institutions need to innovate to stay competitive. Innovation allows them to adapt to new trends, technologies, and market demands, ensuring their relevance and sustainability in the long term.

Drive Growth: Innovation fuels growth by opening up new opportunities for expansion, diversification, and revenue generation. Institutions that innovate are better positioned to attract investment, forge partnerships, and seize emerging market niches.

Enhance Efficiency: Innovation often leads to process improvements, automation, and streamlining of operations. By embracing innovative practices and technologies, institutions can enhance efficiency, reduce costs, and optimize resource utilization.

Improve Quality: Innovation can lead to the development of new products, services, or solutions that meet or exceed customer expectations. By continually innovating, institutions can improve the quality of their offerings, enhance customer satisfaction, and build brand loyalty.

Foster Talent Development: Institutions that prioritize innovation attract and retain top talent. Innovation projects provide employees with opportunities for professional growth, skill development, and creative expression, fostering a culture of learning and empowerment.

Address Challenges: Innovation enables institutions to tackle complex challenges and societal issues more effectively. Whether it's finding sustainable solutions to environmental problems, improving healthcare outcomes, or promoting social equity, innovative approaches can lead to transformative change.

Promote Thought Leadership: Institutions that are at the forefront of innovation often become thought leaders in their respective fields. By pioneering new ideas, methodologies, or technologies, they influence industry standards, shape public discourse, and inspire others to follow suit.

Future-Proofing: Innovation is essential for future-proofing institutions against uncertainties and disruptions. By continuously innovating and adapting to change, institutions can anticipate and respond proactively to emerging threats opportunities, ensuring their resilience and longevity.

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Overall, innovation is essential for institutions to thrive in today's dynamic and competitive environment. It enables them to drive growth, enhance efficiency, improve quality, foster talent development, address challenges, promote thought leadership, and future-proof their operations. Institutions that embrace a culture of innovation are better positioned to succeed and make a positive impact in the world.





Students performing their innovative projects

Principal

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ANNUAL TECHNICAL FEST

Technical fests play a crucial role in the educational and professional development of individuals in the following ways:

Knowledge Expansion: Technical fests offer a platform for participants to explore and learn about the latest advancements in technology and related fields through workshops, seminars, and demonstrations.

Skill Enhancement: Participants have the opportunity to enhance their technical skills by engaging in hands-on activities, competitions, and practical sessions designed to challenge and broaden their expertise.

Networking: Technical fests provide a conductive environment for networking with peers, industry professionals, and experts. This networking can lead to collaborations, mentorship opportunities, and even potential career prospects.

Innovation and Creativity: By participating in competitions, hackathons, and project showcases, attendees are encouraged to think innovatively and creatively, fostering an environment of experimentation and problem-solving.

Career Development: Technical fests often feature job fairs, recruitment drives, and interactions with industry representatives, enabling participants to explore career options, gain insights into industry trends, and make valuable connections for future endeavours.



Students are being facilitated by management of AMRMCET

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COMMUNITY PROJECT WORKS

Community projects refer to collaborative initiatives undertaken by members of a community to address a shared need or goal. These projects can range from volunteer efforts to improve local infrastructure, such as building a community garden or cleaning up a park, to social programs aimed at supporting marginalized groups or promoting education and wellness. Community projects often involve cooperation among residents, local organizations, businesses, and government agencies to achieve positive outcomes for the community as a whole. They can foster a sense of unity, pride, and civic engagement among participants, while also contributing to the overall well-being and development of the community.

Community service projects are important for several reasons:

<u>Building Stronger Communities</u>: They bring people together, fostering a sense of unity and cooperation among community members. This can strengthen social bonds and create a more cohesive and resilient community.

<u>Addressing Local Needs:</u> Community service projects often focus on addressing specific needs or challenges within the community, such as improving infrastructure, supporting vulnerable populations, or promoting environmental sustainability.

<u>Promoting Civic Engagement:</u> Engaging in community service projects encourages people to become actively involved in their community and take ownership of its well-being. This can lead to increased civic participation and a greater sense of responsibility towards one's surroundings.

<u>Personal Growth and Development:</u> Participating in community service projects can provide individuals with opportunities for personal growth and development. It allows them to learn new skills, gain valuable experience, and develop leadership qualities while making a positive impact on others.

<u>Creating Positive Change:</u> Community service projects have the potential to bring about positive change on both a local and larger scale. By addressing pressing issues and implementing solutions at the grassroots level, they can contribute to broader societal progress and improvement.

Overall, community service projects play a vital role in building stronger, more vibrant communities while also empowering individuals to make a difference in the world around them.

Principal

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According to the latest statistics released by World Feonomic Forum(2012) indicate that the current situation of gender gaps is alarming and India ranks after our neighbor country Sri lanks in all sub-indices except in political empowerment



Fig:3.1 :conversation with labours

Despite repeated claims of progress by the Government, there was no significant improvement in access to health care and education. According to the latest statistics released by World Economic Forum(2012) indicate that the current situation of gender gaps is alarming and India ranks after our neighbor country Sri tanks in all sub-indices except in political empowerment as shown in Table.

Certificate from Official of the Community

This is to certify that Woode. Mahesh. (Name of the Community Service Volunteer) Reg. No 20H111A0207 of AMREDDY MEMORIA). COLLEGE OF ENGGINERING AND TECHNOLOGY underswent community service in PARO NOMIC CROPS From to The overall performance of the Community Service Volunteer duringhis/her community service is found to be Satisfactory/Coods.

Authorized Signatory with Date and Seal Horticulture Officer GURAZALA - 622 415

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This is to certify that SADAM GOPIUM (Name of the Community Service Volunteer) Reg. No. 218114 A5924 of AMREDDY MEMORIAL COLLEGE OF ENGGINERING AND TECHNOLOGY underwent community service in provide Cc hool. From 5-01-22 to 5-01-22.

The overall performance of the Community Service Volunteer duringhis/her community service is found to be Salayarday (Satisfactory/Gord).

Authorized Signatory with Date and Seal SEAD MISTRESS (HEAD MAS. OMFORD E.M. SCHOO... Prakash Nagar, MASASASASAS

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Authorized Epople PARSH FAR And Seal NARASARAOPET MANDAL Palnadu Dist.

Principal

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ADD-ON PROGRAMS

Add-on programs, also known as plugins, extensions, or modules, can be incredibly important for enhancing the functionality and versatility of software applications. Here are a few reasons why they are important:

Customization: Add-ons allow users to customize their software experience according to their specific needs and preferences. They can tailor the software to fit their workflow or requirements.

Extended Functionality: Add-ons can add new features and capabilities to software that may not be available in the base version. This extends the usefulness of the software and allows users to do more with it.

Integration: Many add-ons enable integration with other tools and services, allowing for seamless workflows across different platforms. This can streamline processes and improve productivity.

Community Contribution: Add-ons are often developed by third-party developers or even the software's user community. This fosters innovation and collaboration, leading to a wider range of options for users.

Updates and Maintenance: Add-ons can be regularly updated by developers to ensure compatibility with the latest versions of the software and to fix any bugs or security vulnerabilities. This helps keep the software ecosystem healthy and secure.

Overall, add-on programs play a crucial role in enhancing the functionality, usability, and versatility of software applications, making them an important aspect of modern software ecosystems.



Students are partcipating in Add – on Courses

Principal

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Students are partcipating in Add – on Courses



Students are partcipating in Add – on Courses

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PARTICIPATIVE LEARNING

ONLINE Courses though SWAYAM and NPTEL: Bright students have enrolled and obtained certificates for advanced courses on platforms like SWAYAM, NPTEL, MIND LUSTER etc, aiming to embrace new technological their academic performance Swayam (Study Webs of Active-Learning for Young Aspiring Minds) and NPTEL (National Programme on Technology Enhanced Learning) are two significant online learning platforms in India, each with its own importance:

Accessibility: Swayam and NPTEL offer free online courses on a wide range of subjects, including science, technology, engineering, mathematics (STEM), humanities, social sciences, and management. These platforms provide access to high-quality educational content to learners across India, including those in remote areas or with limited resources.

Flexibility: The courses on Swayam and NPTEL are designed to be flexible, allowing learners to study at their own pace and convenience. This flexibility is particularly beneficial for working professionals, students with busy schedules, or individuals who prefer self-paced learning.

Quality Content: Both platforms offer courses developed and taught by experts from prestigious institutions, universities, and organizations across India. The content is regularly updated to reflect the latest advancements, research findings, and industry trends, ensuring that learners receive relevant and up-to-date information.

Certification: Upon successful completion of courses, learners can earn certificates from Swayam or NPTEL, which are recognized by academic institutions, employers, and industries. These certificates can enhance learners' resumes, academic transcripts, and professional credentials, demonstrating their commitment to continuous learning and skill development.

Complementary Learning: Swayam and NPTEL programs complement traditional education by offering additional learning opportunities, expanding students' knowledge base, and providing access to specialized topics or subjects that may not be available in their regular curriculum.

Skill Development: The courses on Swayam and NPTEL cover a wide range of topics, including technical skills, soft skills, and interdisciplinary knowledge areas. Learners can acquire new skills, enhance existing ones, and stay updated on the latest developments in their field of interest, thereby improving their employability and career prospects.

(Principal

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Promotion of Lifelong Learning: Swayam and NPTEL promote the culture of lifelong learning by providing accessible, affordable, and high-quality educational resources to learners of all ages and backgrounds. These platforms empower individuals to pursue their educational goals, fulfill their aspirations, and adapt to evolving societal and technological changes throughout their lives.

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for successfully completing the course

Introduction to Internet of Things

with a consolidated score of 72 %

Online Assignments 24.16/25 Proctored Exam 48/75

Total number of candidates certified in this course 25880

Jul-Oct 2023 (12 week course)





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Ethical Hacking

with a consolidated score of

Online Assignments 23.28/25 Proctored Exam 30/75

Total number of candidates certified in this course: 4375

Prof, Halmanti Banerji



Indian Institute of Technology Kharagpur

Jul-Oct 2023 (12 week course)



NPTEL certificates obtained by our students



NPTEL Online Certification

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This certificate is awarded to **CHAKALI SANGEETHA**

for successfully completing the course

Introduction to Internet of Things





with a consolidated score of

Online Assignments 24.13/25 Proctored Exam 58.5/75

Total number of candidates certified in this course 25880

Jul-Oct 2023 (12 week course) Prof. Haimanti Banerji



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Ethical Hacking

with a consolidated score of

Online Assignments 22.97/25 Proctored Exam 44.39/75

Total number of candidates certified in this course: 4375

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji Coordinator, NPTEL IFT Kharagpur



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NPTEL certificates obtained by our students



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INDUSTRY EXPERT GUEST LECTURES

These sessions serve as an ideal platform for the students to supplement their theoretical knowledge with first hand perspectives from some stalwarts of the Industry and also appreciate the different dimensions of handling business challenges.

Real-world insights: Experts bring current industry knowledge, trends, and practices directly into the classroom, offering students a glimpse into the real world beyond textbooks.

Networking opportunities: Students get the chance to interact with professionals who may provide valuable contacts, mentorship, or even job opportunities.

Relevance: Industry experts can make theoretical concepts more relatable by providing practical examples and case studies from their own experiences.

Inspiration: Hearing success stories and challenges from seasoned professionals can inspire and motivate students to pursue their career goals with renewed vigor.

Updated curriculum: Guest lecturers can help instructors update their curriculum to reflect the latest industry developments; ensuring students receive the most relevant education possible.

Overall, the presence of industry expert guest lecturers enriches the learning experience and prepares students for the realities of their chosen field.









Various Industry and Expert people are giving lecture

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PARTICIPATION IN CREATIVE PROJECT ON ENGINEERING DAY

Engineer's Day is typically celebrated to honour the contributions of engineers to society. It varies by country, but in many places, it's celebrated on different dates. In India, for example, Engineer's Day is celebrated on September 15th to mark the birthday of Sir M. Visweswaraya, a renowned Indian engineer. It's a day to recognize the achievements and hard work of engineers in various fields.

Technical Workshops: Organize workshops or seminars focused on emerging technologies, industry trends, or practical skills relevant to engineering disciplines. This could include topics such as artificial intelligence, renewable energy, robotics, or cyber security.

Innovation Challenges: Host innovation challenges or hackathons where engineers can collaborate to solve real-world problems or develop innovative solutions. Provide a platform for participants to showcase their creativity, problem-solving abilities, and technical expertise.

Panel Discussions: Arrange panel discussions featuring experienced engineers, industry experts, and thought leaders discussing topics such as the future of engineering, ethical considerations in technology, or the role of engineers in sustainable development.

Career Development Workshops: Offer career development workshops focusing on resume building, interview skills, networking strategies, and professional development opportunities for engineers at different stages of their careers.

Technical Exhibitions: Set up technical exhibitions showcasing innovative projects, research initiatives, and prototypes developed by engineering students, faculty members, or industry partners. Encourage interactive demonstrations and discussions to engage attendees.

Community Outreach: Organize community outreach activities such as STEM workshops, science fairs, or engineering challenges for local schools or community groups. Engage young learners and inspire them to pursue careers in STEM fields.

Industry Visits: Arrange visits to industrial facilities, research labs, or engineering firms to provide students with firsthand exposure to real-world engineering practices, technologies, and career opportunities.

Social Events: Host social events such as networking mixers, alumni reunions, or awards ceremonies to celebrate the achievements of engineers and foster connections within the engineering community.

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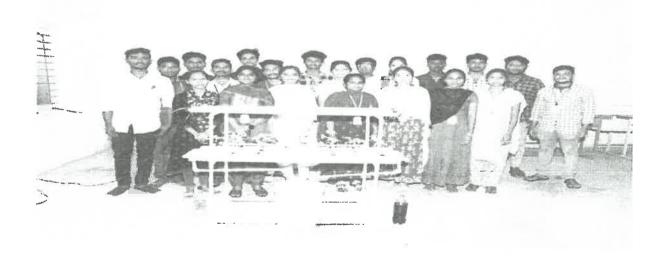
Recognition and Appreciation: Recognize outstanding contributions and achievements of engineers through awards, certificates, or appreciation ceremonies. Highlight their innovative projects, leadership qualities, and positive impact on society.

Online Activities: Organize virtual events, webinars, or social media campaigns to engage a wider audience and promote awareness about the importance of engineering in addressing global challenges and improving quality of life.

Remember to tailor the activities to the interests and preferences of your audience while ensuring inclusivity and diversity in participation. Engineer's Day is an excellent opportunity to celebrate the ingenuity, creativity, and problem-solving prowess of engineers while inspiring the next generation of innovators.







Students are demonstrating their innovative projects during Engineers Day celebrations

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WORKSHOPS AND CERTIFICATION PROGRAMS

Workshops are interactive sessions designed to provide hands-on learning experiences and practical skills development in a specific area. They offer several benefits.

Hands-on Learning: Workshops provide participants with practical, hands-on experience in a specific subject or skill. This experiential learning approach enhances understanding and retention of information compared to passive learning methods.

Skill Development: Workshops are focused on teaching specific skills or techniques, allowing participants to develop practical abilities that they can apply immediately in their personal or professional lives. Whether it's learning a new software program, honing a craft, or improving communication skills, workshops provide targeted skill development opportunities.

Problem-solving and Creativity: Workshops often involve group activities, problem-solving exercises, or brainstorming sessions that encourage participants to think critically, creatively, and collaboratively. These activities can stimulate innovation and help individuals overcome challenges in a supportive environment.

Networking and Collaboration: Workshops bring together individuals with similar interests or goals, providing opportunities for networking, collaboration, and knowledge exchange. Participants can learn from each other, share experiences, and build valuable connections within their field or community.

Professional Development: Workshops can contribute to professional development by offering specialized training, certifications, or continuing education credits. They allow individuals to stay current with industry trends, expand their skill set, and enhance their career prospects.

Personal Growth: Beyond professional development, workshops can also facilitate personal growth and self-improvement. They may cover topics related to wellness, mindfulness, and leadership, or personal finance, empowering participants to lead more fulfilling lives and achieve their personal goals.

Overall, workshops play a crucial role in providing hands-on learning experiences, fostering skill development, promoting collaboration and networking, and supporting both professional and personal growth.

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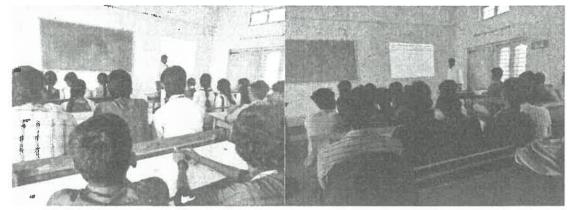
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PROGRAMME: TWO DAYS WORKSHOP ON RESEARCH OPPORTUNITIES IN EMERGING AREAS OF ELETRICAL ENGINEERING



STUDENT SEMINARS

Student seminars are events where students present their research, projects, or ideas to an audience typically comprised of their peers, faculty members, and sometimes professionals from relevant industries. These seminars provide a platform for students to showcase their work, engage in academic discussions, receive feedback, and enhance their presentation skills. Student seminars can cover a wide range of topics across various disciplines, including science, technology, engineering, arts, humanities, and social sciences. They are valuable opportunities for students to gain experience in public speaking, critical thinking, and networking, while also contributing to the academic community through the sharing of knowledge and ideas.

Knowledge Sharing: Seminars provide an avenue for students to share their knowledge and expertise on various topics with their peers. This not only enriches the learning experience but also fosters a culture of collaboration and sharing within the academic community.

Public Speaking Skills: Presenting in front of an audience helps students develop their public speaking skills, which are valuable in both academic and professional settings. Seminars provide a low-stakes environment for students to practice articulating their ideas effectively.

Critical Thinking: Preparing for a seminar requires students to critically analyze information, synthesize key points, and form coherent arguments. This process enhances their critical thinking skills and deepens their understanding of the subject matter.

Feedback and Peer Review: Seminars offer an opportunity for students to receive feedback from their peers and instructors, which can help them refine their ideas and improve their presentation skills. Peer review encourages constructive criticism and promotes a culture of continuous improvement.

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Networking: Participating in seminars allows students to network with their peers, faculty members, and professionals in their field of study. Building relationships and making connections during seminars can open up opportunities for collaboration, research, and future career prospects.

Overall, student seminars play a crucial role in enhancing the academic experience, fostering professional development, and building a sense of community within educational institutions.









Students are participating in various technical seminars and workshops

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ACTIVITES UNDER MOU'S

Memorandum of Understandings (MOUs), are typically involve agreements between two or more parties outlining specific terms, conditions, and objectives for collaboration or cooperation. These activities can include:

Negotiating terms: Parties discuss and agree upon the terms of the MOU, including goals, responsibilities, timelines, and any financial arrangements.

Signing the MOU: Once terms are agreed upon, the MOU is signed by representatives of each party involved.

Implementing initiatives: Parties work together to carry out the objectives outlined in the MOU, which can involve joint projects, research, or other cooperative efforts.

Monitoring and evaluating progress: Regular review of activities and outcomes to ensure that both parties are fulfilling their commitments and achieving the agreed-upon goals.

Renewing or terminating the MOU: Depending on the terms of the agreement, parties may choose to renew the MOU if the collaboration is successful or terminate it if objectives are not being met.

These activities vary depending on the nature of the partnership and the specific goals outlined in the MOU.

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Priyadarshini Institute of Technology and Science, Chintalapudi, Dugirala, Andhra Pradesh, India, represented by its principal, Dr. N Lakshmi Narayana, here in after referred to as PITT;

Both AMRN and PITT are collectively referred to as the Parties and individually as a Party.

WHEREAS, AMRN is an institution offering various undergraduate and postgraduate programs in engineering disciplines with state-of-the-art infrastructure and facilities;

WHEREAS, PITT is an institution offering various undergraduate and postgraduate programs in engineering disciplines with state-of-the-art infrastructure and facilities;

WHEREAS, both the Parties are committed to enhancing the quality of engineering education and research through collaboration and cooperation;

NOW THEREFORE, the Parties agree as follows:

1. Objectives

The objectives of this MOU are:

- To conduct joint FDPs, workshops, seminars, both national and International Conferences on topics of mutual interest and relevance.
- To share the resources, expertise and best practices of both the institutions.

MOU

This Memorandum of Understanding (MOU) is made on this 2nd day of June, 2017 between:



Vignan's Lara Institute of Technology & Science, Vadlamudi, Chebrolu (M), Guntur (Dt), Andhra Pradesh, India, represented by its principal, Dr. K. Phancendra Kumar, herein after referred to as VLITS;

Principal

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NATIONAL DIGITAL LIBRARY CERTIFICATE







CERTIFICATE OF REGISTRATION

This is to certify that "A.M. REDDY MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY" is registered as a NDLI Club under the National Digital Library of India.

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Date Of Registration: 15/09/2023

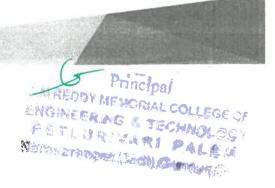
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NO.	JOURNAL NAME	PUB	ISSUES	PRICE	DIS %	AMOUNT
	DEPT:					
1	Indian Journal of Structural Engineering Research and Development (JSTERD)	ARJ	2	3000	10	2700
2	International Journal of Electronics and Telecommunications	ARI	2	3000	10	2700
3	International Journal of Blomedical and Signal Processing	SP	2	3000	10	2700
4	Indian Journal of Electrical and Electronic Engineering	ARJ	2	3000	10	2700
5	International Journal of Manufacturing Technology and Industrial Engineering	SP	2	3000	10	2700
15	indian Journal of Mechanical Engineering	SP IND	2	3500	10	3150
7	International Journal of Mechanical Engineering and Mechatronics	ARJ	2	3000	10	2700
8	Journal of Civil and Construction Engineering	MU	3	2500	10	2250
9	JOurnal of Cyber Security in Computer Systems	M	3	2500	10	2250
10	Journal of Cybersecurity Privacy lasues and Challenges	Mis	3	2500	10	2250
11	Journal of Analog and Digital Communications	M	3	2500	10	2250
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LABORATORY SESSIONS

Laboratory sessions typically involve hands-on experiments or practical applications related to a particular subject or course. They provide students with an opportunity to apply theoretical knowledge, develop practical skills, and deepen their understanding of the material through direct experimentation or observation. What specific information or assistance are you looking for regarding laboratory sessions.



Laboratory sessions in Mechanical and ECE departments



Laboratory sessions in Electrical and ECE departments





Laboratory sessions in Agriculture and CE departments





Laboratory sessions in Computer Science and Cyber Security departments



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Employability skill development programs aim to enhance individuals' readiness for the workforce by providing training in essential skills such as communication, teamwork, problem-solving, and adaptability. These programs often include workshops, seminars, internships, and online courses tailored to specific industries or job roles. They help individuals acquire the skills and knowledge needed to succeed in today's competitive job market and increase their employability.

EMPLOYABILITY SKILL DEVELOPMENT PROGRAMS





Various Training and Placement activities at college campus

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MINI PROJECTS

Mini projects refer to small-scale projects that are typically undertaken by individuals or small teams to gain practical experience, apply theoretical knowledge, or demonstrate specific skills. These projects can vary widely in scope, complexity, and duration, depending on the goals and resources available. Here are some examples of mini projects across different domains:

Software Development: Creating a simple mobile app, building a basic website, developing a game prototype, or implementing a small software tool to automate a task.

Electronics: Designing and building a simple electronic circuit, constructing a basic robot, or creating a small IoT (Internet of Things) device.

Mechanical Engineering: Designing and building a small-scale prototype of a machine or mechanism, constructing a model vehicle, or developing a basic 3D-printed object.

Renewable Energy: Building a miniature wind turbine or solar panel system to demonstrate energy generation and storage concepts.

Biotechnology: Conducting a small-scale experiment to investigate a biological process or testing the effectiveness of a specific treatment or intervention.

Marketing: Developing a social media marketing campaign for a local business, conducting market research on a niche market, or creating promotional materials for a product or service.

Education: Designing and implementing a mini teaching module or workshop on a specific topic, creating educational resources such as quizzes or flashcards, or developing a small educational game or app.

Mini projects offer valuable opportunities for hands-on learning, experimentation, and skill development, making them a popular choice for students, hobbyists, and professionals looking to enhance their expertise in a particular area.



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Peeling of fruit

Agriculture Engineering students are preparing bio enzymes using fruits for plant growth promotion





Agricultural Engineering students are demonstrating bio fertilizers

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INTERNAL EVALUATION AND ASSIGNMENTS

JNTUK (Jawaharlal Nehru Technological University, Kakinada) internal evaluation typically refers to the assessment process conducted by the university for its students during their academic semesters. This may include assignments, quizzes, mid-term exams, laboratory work, projects, and other forms of evaluation carried out by the university faculty to gauge students' understanding and progress in their courses.

Assignments: Students are often given assignments to complete, which contribute to their overall grade. These assignments may be individual or group-based and can cover various topics from the curriculum.

Quizzes: Short quizzes may be administered periodically to assess students' understanding of recent course material. These quizzes help instructors gauge student comprehension and provide feedback to students on their progress.

Mid-term Exams: Mid-term exams are conducted during the semester to evaluate students' knowledge and understanding of the material covered up to that point. These exams often cover a significant portion of the course curriculum and help identify areas where students may need additional support.

Laboratory Work: For courses with a practical component, such as science or engineering courses, laboratory work is an essential part of the evaluation process. Students are assessed based on their performance in laboratory experiments and their ability to analyze and interpret results.

Projects: Some courses may require students to complete projects, either individually or in groups. These projects allow students to apply their knowledge to real-world problems and are often a significant component of the final grade.

Attendance: Attendance may also be a factor in the internal evaluation process. Some courses have minimum attendance requirements, and students may lose marks or face penalties for excessive absences.

Participation: In some classes, students may be evaluated based on their participation in class discussions, group activities, or presentations. Active participation can contribute to a student's overall grade.

Overall, the internal evaluation process at JNTUK aims to assess students' understanding of the course material, their ability to apply concepts in practical situations, and their engagement with the learning process throughout the semester. INTERNAL EVALUATION

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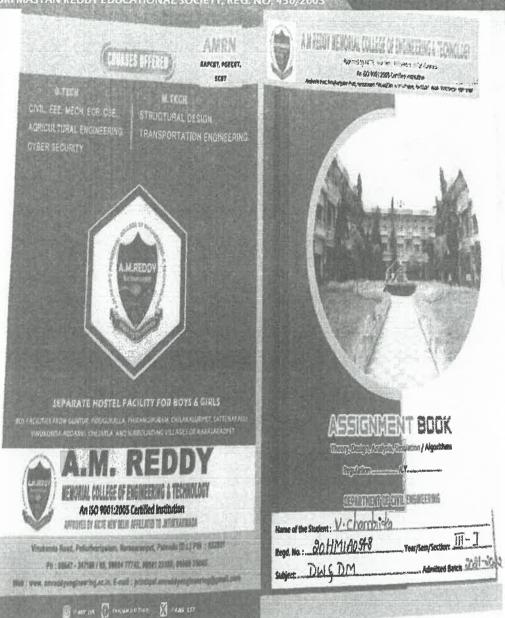
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Assignment book

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Internal performance of each student

Principal

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INNOVATIVE PROJECTS

Innovation refers to the process of creating new ideas, products, services, or processes that add value or solve problems. It involves transforming ideas into tangible outcomes that benefit individuals, organizations, or society as a whole. Innovation can occur in various domains, including technology, business, science, healthcare, education, and more

Stay Competitive: In a rapidly changing landscape, institutions need to innovate to stay competitive. Innovation allows them to adapt to new trends, technologies, and market demands, ensuring their relevance and sustainability in the long term.

Drive Growth: Innovation fuels growth by opening up new opportunities for expansion, diversification, and revenue generation. Institutions that innovate are better positioned to attract investment, forge partnerships, and seize emerging market niches.

Enhance Efficiency: Innovation often leads to process improvements, automation, and streamlining of operations. By embracing innovative practices and technologies, institutions can enhance efficiency, reduce costs, and optimize resource utilization.

Improve Quality: Innovation can lead to the development of new products, services, or solutions that meet or exceed customer expectations. By continually innovating, institutions can improve the quality of their offerings, enhance customer satisfaction, and build brand loyalty.

Foster Talent Development: Institutions that prioritize innovation attract and retain top talent. Innovation projects provide employees with opportunities for professional growth, skill development, and creative expression, fostering a culture of learning and empowerment.

Address Challenges: Innovation enables institutions to tackle complex challenges and societal issues more effectively. Whether it's finding sustainable solutions to environmental problems, improving healthcare outcomes, or promoting social equity, innovative approaches can lead to transformative change.

Promote Thought Leadership: Institutions that are at the forefront of innovation often become thought leaders in their respective fields. By pioneering new ideas, methodologies, or technologies, they influence industry standards, shape public discourse, and inspire others to follow suit.

Future-Proofing: Innovation is essential for future-proofing institutions against uncertainties and disruptions. By continuously innovating and adapting to change, institutions can anticipate and respond proactively to emerging threats or opportunities, ensuring their resilience and longevity.

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Overall, innovation is essential for institutions to thrive in today's dynamic and competitive environment. It enables them to drive growth, enhance efficiency, improve quality, foster talent development, address challenges, promote thought leadership, and future-proof their operations. Institutions that embrace a culture of innovation are better positioned to succeed and make a positive impact in the world.





Some innovative projects from EEE and Agriculture departments





Some innovative projects from ECE and Civil Engineering departments

Principal

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SKILL DEVELOPMENT PROGRAMS

Skill development programs are structured initiatives designed to enhance individuals' competencies in specific areas, such as technical skills, soft skills, or domain knowledge. These programs often include training sessions, workshops, mentorship opportunities, and hands-on experiences tailored to the needs of participants. They aim to equip individuals with the skills required to excel in their careers, adapt to changing job markets, and contribute effectively to their organizations or industries. Popular skill development areas include digital literacy, communication skills, leadership development, technical skills in various fields, and entrepreneurship training.

Career Advancement: They help individuals acquire new skills or enhance existing ones, making them more competitive in the job market and increasing their chances of career advancement.

Adaptability: In today's rapidly changing work environment, skill development programs help individuals stay abreast of industry trends and technological advancements, enabling them to adapt and thrive in evolving roles.

Productivity and Efficiency: Improved skills lead to increased productivity and efficiency in the workplace. Employees who are well-trained and knowledgeable can perform tasks more effectively, contributing to organizational success.

Employee Engagement and Retention: Offering skill development opportunities demonstrates an organization's commitment to employee growth and development, which can boost morale, increase job satisfaction, and reduce turnover.

Innovation: By fostering a culture of continuous learning, skill development programs encourage innovation and creativity among employees, leading to the generation of new ideas and solutions.

Economic Growth: Skill development programs contribute to economic growth by increasing the overall skill level of the workforce, which in turn enhances productivity, drives innovation, and attracts investment.

Social Inclusion: Skill development programs can help bridge the gap between different socioeconomic groups by providing opportunities for marginalized or underprivileged individuals to acquire valuable skills and improve their employment prospects.

Overall, skill development programs play a crucial role in personal and professional growth, organizational success, and socio-economic development.

Principal

AM REDDY MEMORIAL COLLEGIOR

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Students actively participating in Various Skill Development Programs



Students actively participating in Various Skill Development Programs

Principal

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PETLURIVARI PALEM Marayaraopet (Mdi), Guntur(D)

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INCUBATION CENTER

The Incubation center formation meeting convened on 2nd December, 2021 at principal chamber with key stakeholders, including all department heads and chaired by Principal, Dr. Ch. Mallikarjuna. The meeting commenced with an introduction highlighting the critical need for establishing an Incubation center within the engineering college.

INCUBATION CENTER STRUCTURE:

- The Incubation Center comprises a chairman, a Coordinator, and 5-6 members.
- It is tasked with coordinating all activities related to Incubation center.

PROPOSAL FOR ESTABLISHING AN INCUBATION CENTER

Introduction:

An incubation hub serves as a catalyst for nurturing start-ups and initiatives, offering vital resources and guidance for their growth. With a prime opportunity at hand, our engineering institution aims to spearhead the establishment of such a hub, fostering a culture of innovation and entrepreneurship among both students and faculty.

Mission and Vision:

Our objective is to weave innovation and entrepreneurship into the fabric of our engineering institution, thereby driving societal and economic progress. We envision a dynamic ecosystem where individuals can translate their ideas into thriving enterprises, enriching education quality and fuelling socioeconomic advancement.

Objectives:

Aligned with our mission and vision, our incubation hub is designed to provide comprehensive support, resources, and networking avenues for start-ups and initiatives within our community. By showcasing success stories and fostering collaboration, we aspire to cultivate an ethos of innovation and entrepreneurship that permeates throughout our institution.

Scope:

Our incubation hub embraces a wide array of start-ups and initiatives, catering to various developmental stages and sectors including emerging technologies, social innovation, and sustainable solutions. Flexible program durations and frequencies will be tailored to suit the unique needs of each endeavour.

Infrastructure and Facilities:

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Equipped with state-of-the-art amenities such as office spaces, meeting rooms, and specialized laboratories, our incubation hub will provide an optimal environment for start-upgrowth. We will ensure seamless access to technology infrastructure, encompassing computers, internet connectivity, software, and hardware.

Services and Support:

Mentorship, training programs, networking opportunities, and funding access will constitute the comprehensive support services offered by our incubation hub. These initiatives are crafted to empower start-ups, aiding them in surmounting obstacles, honing skills, and attaining their objectives.

Selection Criteria:

Transparent evaluation criteria, emphasizing innovation, feasibility, and scalability, will guide the selection of start-ups and initiatives. Upholding fairness and impartiality, our application and assessment process will identify ventures with the utmost potential for success.

Governance Structure:

A governance framework involving faculty, staff, and advisory board members will oversee the operations of our incubation hub. Clear delineation of roles and responsibilities will uphold accountability, transparency, and operational efficiency.

Partnerships and Collaborations:

Recognizing the significance of partnerships, we aim to collaborate with departments, alumni, industry players, government bodies, and non-governmental organizations (NGOs). Leveraging their expertise, resources, and networks will enrich our ecosystem and amplify our impact.

Funding and Sustainability:

Initial funding will be allocated towards infrastructure, equipment, staffing, and service provision. Diverse funding streams including grants, sponsorships, and donations will be pursued, alongside long-term sustainability strategies such as revenue generation and endowment creation.

Timeline:

A structured timeline delineating key milestones and deadlines will guide the establishment and operation of our incubation hub. Each phase, from fundraising to program launch, will contribute towards realizing our vision and achieving tangible outcomes.

Name and State of Manager Dr

Conclusion:



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Establishing an incubation hub within our engineering institution presents a transformative opportunity to nurture innovation and entrepreneurship. By equipping individuals with essential resources and support, we can catalyse the translation of ideas into impactful ventures, fostering positive change within our community and beyond. We eagerly anticipate feedback and collaboration as we embark on this exhilarating journey together.

Appendices:

Supplementary documents including financial projections, partnership agreements, and pertinent materials are appended herewith, bolstering the integrity of our proposal.

Members of the Incubation Center for A.Y 2022-23:

S. No.	Name of the Committee Member	Designation & Department	Position	
1	Dr. Ch. Mallikharjuna	Principal	Chairman	
2	Dr. V. Gajendra Kumar	HOD, ECE	Coordinator	
3	Dr. Bala Murugan	HOD, CE	Member	
4	Dr. S. Senthil Kumar	HOD, EEE	Member	
5	Dr. B. Chandra Sekhar	HOD, CSE	Member	
6	Dr. G. Bhaskar Reddy	HOD, S&H/ Vice-Principal	Member	
7	Dr. Ch. MalliKarjuna	HOD, ME	Member	
8	Dr. D. Anand Babu	HOD, AGE	Member	
			LU	

Members of an engineering college's incubation Center mentor start-ups, facilitate networking with industry professionals, manage resources, organize workshops, evaluate and select start-up ideas, aid in securing funding, monitor progress, ensure legal compliance, maintain documentation, promote initiatives, stay updated with trends, gather feedback, and engage alumni. These duties collectively foster entrepreneurship, innovation, and success within the college's entrepreneurial ecosystem.

GKUMO **CO-ORDINATOR**

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List of Extension Activities

A.Y.2022-23

S.No	Name of the Program	Name of the Collaborative Agency	Date	No. of Participants
1	Child Marriage Prevention Awareness Program	Sarpanch, Kakani Village	27/08/2022	33
2	Road Safety Awareness Program	RTO, Narasaraopeta Village	12/09/2022	37
3	Awareness Campaign on Pollution Control	Sarpanch, Lingamguntla Village	17/09/2022	33
4	Swatch Bharath	Sarpanch, Petlurivaripalem Village	07/10/2022	35
5	Ralley on importance of Literacy	Sarpanch, Kotappakonda Village	31/10/2022	37
6	Awareness Campaign on Pollution Control	Sarpanch, Allurivaripalem Village	11/11/2022	33
7	Road Safety Awareness Program	RTO, Narasaraopeta Village	22/11/2022	36
8	Swatch Bharath	5 th Ward Incharge, Narasaraopet	02/12/2022	34
9	Pollution Control Day Observance	Sarpanch, Lingamguntla Village	14/12/2022	32
10	Child Marriage Prevention Awareness Program	Sarpanch, Petlurivaripalem Village	19/01/2023	32
11	Awareness Program on Importance of Literacy	Sarpanch, Lakshmipuram Village	20/02/2023	37
12	Road Safety Awareness Program	RTO, Narasaraopeta	01/04/2023	36

PROGRAM OFFICER

NSS Programme Offices
A.M.Reddy Memorial College of
Engineering & Technology

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-	PLACEMENT CELL S						
S. No	COMPANIES NAME	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
1	GREENMARK DEVELOPERS PVT.LTD.	1					1
2	INNOVATIVE RETAIL CONCEPTS PRIVATE LIMITED	1					1
3	ATTRA INFOTECH PVT.LTD.	1					1
4	DECCAN SOLUTIONS	13	19	21	16		69
5	MCEE SOLUTIONS PRIVATE LIMITED	11	11	19	17	13	71
6	PRO IT SOLUTIONS	11	12	15	9	7	54
7	INNOVATIVE TECHNOLOGIES	15	21	20	15	11	82
8	SAILOTECH	10	14	15	6	8	53
9	MAYORA INDIA		1				1
10	TCS		2	1		6	9
11	JOGO TECHNOLOGIES PVT. LTD.		1				1
12	KL TECHNICAL SERVICES		1				1
13	FARMROBO TECHNOLOGIES PVT. LTD.		1				1
14	NVH INDIA ANANTAPUR AUTO PARTS PVT.LTD.			1			1
15	INFRASOFT TECHNOLOGIES LIMITED			1			1
16	DXC TECHNOLOGY			1			1
17	NTT DATA INFORMATION PROCESSING SERVICES PVT. LTD.			1			1
18	COGNIZANT			1			1
19	GENPACT			1			1
20	KOTAK MAHINDRA BANK			1			1
21	PRODAPT SOLUTINS PRIVATE LTD.			1			1
22	COGENT			12	21		33
23	MPHASIS			1			1
24	CALIBER			1			1
25	KAKINADA INSTITUTE OF TECHNOLOGICAL SCIENCES			2			2
26	BOSTON IT SOLUTIONS PVT. LTD.				9	19	28
27	INFINITE SOLUTIONS				21		21
28	CAPGEMINI				2		2
29	TECH MAHINDRA		6	Princ	lpal		3



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30	WIPRO				8		8
31	INFOSYS				4		4
32	HCL				3		3
33	YETHI CONSULTING PVT.LTD.				1		1
34	TRIGEO TECHNOLOGIES PVT LTD.				3		3
35	AAKRITI CONSTRUCTIONS & DEVELOPERS (P) Ltd.				1		1
36	CALIBER TECHNOLOGIES Pvt. Ltd.				1		1
37	BIZKNOWMICS				1		1
38	ITC LIMITED				1		1
39	LIVE CRSITLE PVT. LTD.				1		1
40	ADITI CONSULTING				6	7	13
41	ABI-SHOWATECH				6	12	18
42	THINKSYNQ				14	20	34
43	GENTCH CROP SCIENCES PRIVATE LIMITED					10	10
44	TAG TECHNOLOGIES PVT LTD.					9	9
45	CONNEQT BUSINESS SOLUTIONS LIMITED					1	1
46	EXATHOUGHT TECHNOLOGY CONSULTING PRIVATE LIMITED					1	1
47	TEAMLEASE SERVICES LIMITED					1	1
48	ITC LIMITED					1	1
49	NUZIVEEDU SEEDS LIMITED					1	1
50	FAMILY HEALTH PLAN INSURANCE TPA LIMITED					1	1
51	CORPONE STAFFING SOLUTIONS PVT.LTD.					2	2
52	GJ SOLUTIONS INDIA PVT LTD					1	1
	II.	63	83	115	169	131	561

TPO Coordinator

Principal

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