



# MALINENI LAKSHMAIAH WOMEN'S ENGINEERING COLLEGE

Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada : : Accredited by "NBA" for our CSE & ECE and NAAC A+ Grade

Pulladigunta (V) Vatticherukuru (M), Guntur (Dist.)



## 7.3 - Institutional Distinctiveness

### 7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

#### Industry-Ready Curriculum with Professional Certification Programs

##### Distinctiveness of the Curriculum:

The institution's curriculum is meticulously designed to align with evolving industry standards, ensuring students are equipped with the latest knowledge and skills. A key feature of this approach is the integration of value-added certification programs, intensive training modules, and strategic industry partnerships that prepare students for professional challenges.

##### Value-Added Certification Courses:

###### 1. Python Programming:

- Focused on building strong foundations in programming logic, data structures, and object-oriented programming.
- Hands-on projects and coding challenges to improve problem-solving skills.

###### 2. Data Science:

- Introduction to data analytics, statistical modeling, and data visualization techniques.
- Tools like Python, R, and Tableau for data-driven decision-making.

###### 3. Artificial Intelligence and Machine Learning (AI/ML):

- Covers machine learning algorithms, neural networks, and AI frameworks.
- Implementation of AI solutions through projects like chatbots, recommendation systems, and predictive analytics.

###### 4. Internet of Things (IoT):

- Focus on embedded systems, sensor networks, and IoT architecture.
- Real-time IoT applications, smart home automation, and industrial IoT use cases.

##### Training Programs and Industry Collaborations:

###### 1. Skill Development Training:

- Regular hands-on training sessions on trending technologies to bridge the gap between academics and industry requirements.


- Focus on coding practices, software tools, and project-based learning.
- 2. **Industrial Visits:**
  - Visits to renowned industries provide practical exposure to manufacturing processes, research methodologies, and corporate functioning.
  - Interactive sessions with industry experts to understand current trends and demands.
- 3. **Memoranda of Understanding (MOUs):**
  - Partnerships with leading organizations such as **TCS, Infosys, and ByteXL** enable access to exclusive training programs, internships, and placement opportunities.
  - Collaborative research projects and mentorship programs guided by professionals from partner companies.

### **Pre-Placement and Career Support:**

1. **Pre-Placement Training:**
  - Comprehensive programs that include aptitude tests, group discussions, and technical interview preparations.
  - Guidance on effective communication, teamwork, and leadership skills.
2. **Mock Interviews:**
  - Simulated interview sessions with HR and technical panels to boost confidence and preparedness.
  - Real-time feedback and tips to improve interview performance.
3. **Resume-Building Workshops:**
  - Professional support in crafting impactful resumes and cover letters.
  - Focus on showcasing technical skills, certifications, internships, and project achievements.

### **Impact and Outcomes:**

The industry-ready curriculum, combined with professional certification programs, enhances students' employability and career prospects. Graduates emerge as skilled professionals, capable of addressing real-world challenges and contributing effectively to the workplace. By integrating modern technologies and methodologies, the institution ensures that students are prepared to lead and innovate in the global job market.

  
PRINCIPAL  
MALINENI LAKSHMAIAH  
WOMEN'S ENGINEERING COLLEGE  
PULLADIGUNTA, GUNTUR-17.



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### Industry-Ready Curriculum with Professional Certification Programs

S.No	Title of the collaborative activity	Link to the relevant document
1	36-Hours-Hackathon: 16-10-2023 to 17-10-2023 :IOT+AI (III/I B. Tech AI&DS)	<a href="#">View Document</a>
2	36-Hours-Hackathon (IN ECE)	<a href="#">View Document</a>
3	Six day boot camp on Robotics	<a href="#">View Document</a>
4	Six day boot camp on AI	<a href="#">View Document</a>
5	1 Day Ideathon & 36 Hours Hackathon on AI	<a href="#">View Document</a>
6	Five Day Drone Workshop	<a href="#">View Document</a>
7	5 Day Boot camp Full Stack Development	<a href="#">View Document</a>
8	36 Hours Hackathon 02-08-2023 to 03-08-2023 Full Stack Development by IV CSE	<a href="#">View Document</a>

9	Workshop on Design Thinking (Ideathon) 2 Days II CSE DS	<a href="#">View Document</a>
	Six day Bootcamp on IOT with AI(IV yr ECE)	
10	Five day Bootcamp on IOT(II Yr CSE)	<a href="#">View Document</a>
11	Five day Bootcamp on ROBOTICS(IIYr CSE)	<a href="#">View Document</a>
12	Five day Bootcamp on Smart Hackthon(IIIYr CSE)	<a href="#">View Document</a>
13	Five day Bootcamp on GENERATIVE AI(IIIYr CSE)	<a href="#">View Document</a>
14	Five day workshop on cybersecurity(IV Yr CSE)	<a href="#">View Document</a>
15	Five day workshop on Design Thinking(IV Yr CSE)	<a href="#">View Document</a>
16	Five day Hackthon on Data Science(IIIYr CSE)	<a href="#">View Document</a>
17	5-Day-Bootcamp :26-07-2023 to 1-08-2023“FULL STACK DEVELOPMENT”(IV/I B. Tech IT)	<a href="#">View Document</a>
18	36-Hours-Hackathon: 02-8-2023 to 03-08 2023“FULL STACK DEVELOPMENT”(IV/I B. Tech IT)	<a href="#">View Document</a>
19	Process design work shop on Block chain - 09-10-2023to 11-10-2023(3 Day)III/I B. Tech	<a href="#">View Document</a>
20	Hackathon on Block chain Technology- 12-10-2023to 13-10-2023(36hours)	<a href="#">View Document</a>
21	WORKSHOP ON DESIGN THINKING (Ideation)(2days)(15th&16th) Nov 2023( II-IT)	<a href="#">View Document</a>
22	Five day Bootcamp on IOT(IIYr CSE)	<a href="#">View Document</a>
23	Five day Bootcamp on ROBOTICS(IIYr CSE)	<a href="#">View Document</a>
24	Five day Bootcamp on IOT(IIIYr CSE)	<a href="#">View Document</a>
25	Five day Bootcamp on GENERATIVE AI(IIIYr CSE)	<a href="#">View Document</a>

26	Five day workshop on cybersecurity(IV Yr CSE)	<a href="#">View Document</a>
27	Five day Hackthon on DEEP LEARNING(IIIYr CSE)	<a href="#">View Document</a>
28	5-Day-Bootcamp :26-07-2023 to 1-08-2023“FULL STACK DEVELOPMENT”(IV/I B. Tech IT)	<a href="#">View Document</a>
29	36-Hours-Hackathon: 02-8-2023 to 03-08 2023“FULL STACK DEVELOPMENT”(IV/I B. Tech IT)	<a href="#">View Document</a>
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31	Hackathon on Block chain Technology- 12-10-2023to 13-10-2023(36hours)	<a href="#">View Document</a>
32	WORKSHOP ON DESIGN THINKING (Ideation)(2days)(15th&16th) Nov 2023( II-IT)	<a href="#">View Document</a>
33	4-Day-Bootcamp and One-Day Ideathon: 04-03-2024 to 08-03-2024 “Front-end Developer” (II/II B. Tech AI& DS)	<a href="#">View Document</a>
34	36-Hours-Hackathon: 11-03-2024 to 12-03-2024 “Front-end Developer” (II/II B. Tech AI & DS)	<a href="#">View Document</a>
35	5-Day Bootcamp: "IOT+AI" 09-10-2023 to 13-10-2023 "IOT+AI (III/I B. Tech AI&DS)	<a href="#">View Document</a>
36	36-Hours-Hackathon: 16-10-2023 to 17-10-2023 :IOT+AI (III/I B. Tech AI&DS)	<a href="#">View Document</a>
37	Pre-placement and Career Support Programs	<a href="#">View Document</a>



Principal

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