DADI INSTITUTE OF ENGINEERING &TECHNOLOGY
(An Autonomous Institute)
Approved by A.I.C.T.E & Permanently affiliated to JNTU GV

Accredited by NAAC with 'A' Grade and Inclusion u/s 2(f) & 12(B) of UGC Act

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.

NH-16, Anakapalle – 531002, Visakhapatnam, A.P.

Website: www.diet.edu.in, 9963993229 E-mail:, principal@diet.edu.in

Date: 18-05-2024.

CIRCULAR

This is to inform to all the B. Tech EEE students that Department of Electrical and Electronics of Dadi Institute of Engineering and Technology in association with ISTE student chapter is going to organize one day Student Development Program on the theme **"Fundamental Concepts of Embedded Systems & Programming"** on 20th may 2024 via virtual mode. So all the B. Tech EEE students are informed to attend the Programme.

Head of the Department
Electrical & Electronics Engg.
Dadi Institute of Engg. Tech.
Anakapalle - 531 002

Principal

PRINCIPAL
Dadi Institute of
Engineering & Technology
ANAKAPALLE - 531

DADI INSTITUTE OF ENGINEERING &TECHNOLOGY
(An Autonomous Institute)
Approved by A.I.C.T.E & Permanently affiliated to JNTU GV
Accredited by NAAC with 'A' Grade and Inclusion u/s 2(f) & 12(B) of UGC Act
An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.
NH-16, Anakapalle – 531002, Visakhapatnam, A.P.
Website: www.diet.edu.in, 9963993229 E-mail:, principal@diet.edu.in

Anakapalle,
18-05-2024.

To,

The Principal,
Dadi Institute of Engineering &Technology, Anakapalle
Visakhapatnam-531002

Sub: Request for permission to organize one-day SDP on **"Fundamental Concepts of Embedded Systems & Programming"**: Regarding

Respected sir,

I am herewith requesting you to give permission to organize a one-day SDP for all the students of B. Tech EEE Branch on **"Fundamental Concepts of Embedded Systems & Programming"** to create awareness and knowledge on the concern topic in the meantime on **20th May 2024** via virtual mode, please extend your kind cooperation in this regard.
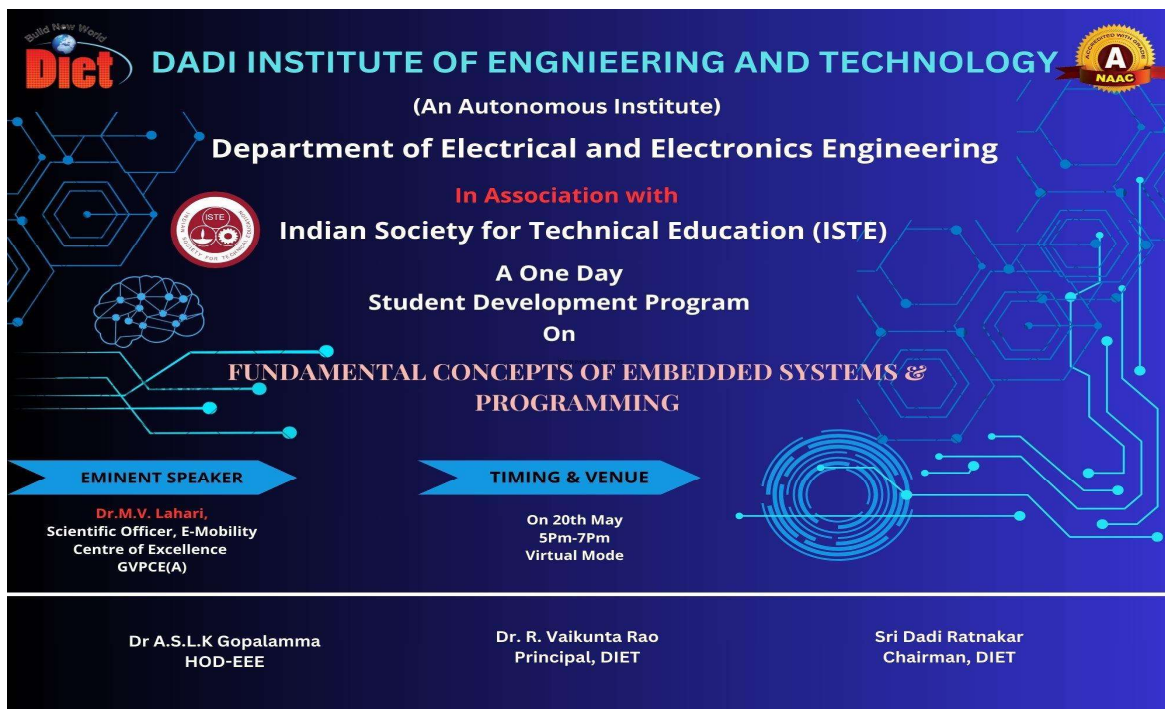
Organizing Team
Head of the Department
Electrical & Electronics Engg.
Dadi Institute of Engg. Tech.
Anakapalle - 531 002

Principal
PRINCIPAL
Dadi Institute of
Engineering & Technology
ANAKAPALLE - 531 002

DADI INSTITUTE OF ENGINEERING & TECHNOLOGY
(An Autonomous Institute)
Approved by A.I.C.T.E & Permanently affiliated to JNTU GV
Accredited by NAAC with 'A' Grade and Inclusion u/s 2(f) & 12(B) of UGC Act
An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.
NH-16, Anakapalle – 531002, Visakhapatnam, A.P.
Website: www.diet.edu.in, 9963993229 E-mail:, principal@diet.edu.in

A report on Student Development Program

"Fundamental concepts of Embedded Systems & Programming"

The Department of Electrical and Electronics Engineering of Dadi Institute of Engineering & Technology- Autonomous in association with DIET ISTE Student Chapter conducted the Student Development Program "Fundamental concepts of Embedded Systems & Programming" on 20th May 2024 in Virtual Mode. The Program is a showcase of recent innovations in engineering, providing a platform for brilliant minds to unveil groundbreaking technologies and solutions. The program fostered a deeper understanding of embedded systems architecture and programming principles. It served as a valuable platform for students to explore the exciting possibilities offered by the world of embedded systems.

Poster of Student Development Program

In today's rapidly evolving technological landscape, expertise in embedded systems

and programming is becoming increasingly crucial, particularly in fields like e-mobility. Recognizing this need, the Student Development Program at Dadi Institute of Engineering and Technology welcomed Dr. M. V. Lahari, a scientific officer from the e-mobility center of excellence at GVPCE, as a resource person. Dr. Lahari's extensive knowledge and experience in embedded systems and programming provided invaluable insights to students, enriching their understanding and preparing them for the challenges of the industry.

Key Insights from Dr. M. V. Lahari:

1. Fundamentals of Embedded Systems: Dr. Lahari addressed the fundamental concepts of embedded systems, while highlighting how common they are in modern day technology. Students acquired knowledge about the conception, creation, and implementation of embedded systems in several fields, including e-mobility.

2. Programming for Embedded Systems: Through practical examples and demonstrations, Dr. Lahari guided students in programming for embedded systems. From low-level programming languages like C and Assembly to high-level languages like Python, students explored the diverse programming paradigms essential for developing efficient embedded solutions.

3. Industry Perspectives: Drawing from her experience at the e-mobility center of excellence, Dr. Lahari provided invaluable insights into industry trends, challenges, and best practices in embedded systems development. Students gained a holistic understanding of the real-world applications of their theoretical knowledge.

4. Career Guidance: Beyond technical knowledge, Dr. Lahari also offered career guidance, sharing insights into career pathways, skill requirements, and professional development opportunities in the field of embedded systems and e-mobility. Students were inspired to pursue careers aligned with their interests and strengths.

Attendance: (No of Students- 99)
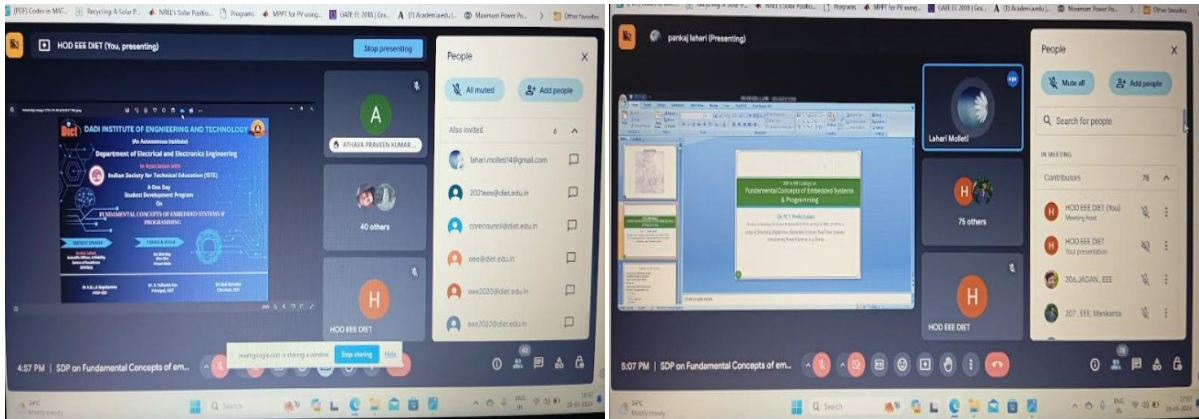
Session started by the Resource person
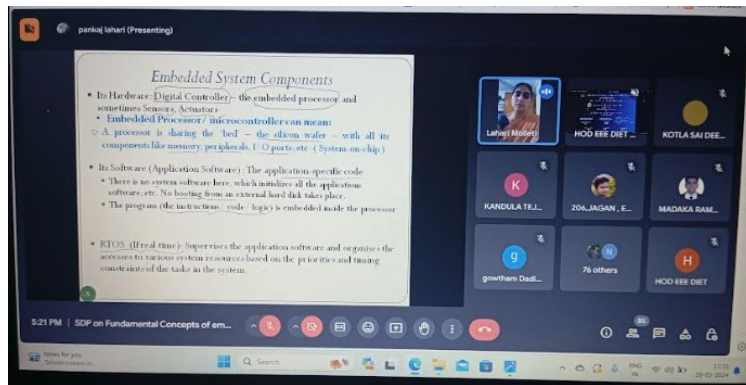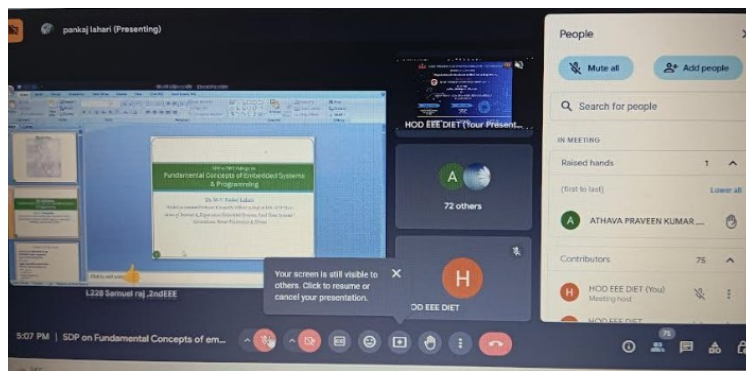
Explaining basics of embedded systems in Student development program

S.No	Name	Roll No	Year of Study
1	Yenni karthik	22u45a0237	III B.Tech
2	Malla Harika	21U45A0223	IV B.Tech
3	B.Sravani	22U45A0203	III B.Tech
4	Bobbari Mohansai	22U45A0206	III B.Tech
5	MALLA VENKATA KUMAR	21u45a0224	IV B.Tech
6	Gandreti Gowtham Patnaik	21U45A0209	IV B.Tech
7	Merugu Pramodh	21u45a0227	IV B.Tech
8	ARREPU NOOKESH KUMAR	21U45A0201	IV B.Tech
9	Malla Harika	21U45A0223	IV B.Tech
10	Nelaparthi Praveen Kumar	22U45A0229	III B.Tech
11	Samuel Raj Regeti	23u45a0228	III B.Tech
12	Ganesh Gokulapati	21U45A0255	IV B.Tech
13	Adari Kumanika Sushma	23u45a0201	III B.Tech
14	MOHAMMAD GULAM MUSTHAFA	21U45A0268	IV B.Tech
15	M.Shyam Raju Reddy	22U41A0221	III B.Tech
16	MERUGU PRAMODH	21U45A0227	IV B.Tech
17	Vishnu Vardhan Kumar Nakka	22u45a0228	III B.Tech
18	Gurrala. Pavani	22u41a0208	III B.Tech
19	ADARI PUSHPA RAJU	23u45a0202	III B.Tech
20	AMARAPINI KUSHAL	21U45A0240	IV B.Tech
21	Yeddu Ramu	23U45AO227	III B.Tech
22	SAMMIDI SURYA ROHIT	20U41A0211	IV B.Tech
23	KORUKONDA YAMINI PRIYANKA	21U45A0218	IV B.Tech

24	K.Teja	22U45A0219	III B.Tech
25	Kasireddy Sai Yaswanth	20U41A0205	IV B.Tech
26	S.manikanta	23U45A0224	III B.Tech
27	K.leela varaha lavanya	21u45a0217	IV B.Tech
28	Pavan kumar	23U45A0209	III B.Tech
29	Vepada pavani	22U41A0223	III B.Tech
30	S vamsi	23u45a0222	III B.Tech
31	Karnam Akhila	23U45A0211	II B.Tech
32	Pandala Hemalatha	22U41A0216	III B.Tech
33	Yallapu Niharika	22U41A0225	III B.Tech
34	Vepada pavani	22U41A0223	III B.Tech
35	B.Sravani	22U45A0203	III B.Tech
36	Kousalya kundrapu	21u45a0264	IV B.Tech
37	MULAPARTHI ADITYA SAI	21U45A0269	IV B.Tech
38	Gannu Uma Maheswari	21U45A0211	IV B.Tech
39	Simma.Ramya	23U45A0223	III B.Tech
40	Bhumaraju Balaji	22U45A0204	III B.Tech
41	Karnam Akhila	23U45A0211	III B.Tech
42	Bobbari Lavanya	22U45A0205	III B.Tech
43	Madaka Ramakrishna	21U45A0221	IV B.Tech
44	Thanna Vamsi	21u45a0280	IV B.Tech
45	Peyyala mohan	20U41A0203	IV B.Tech
46	SIYYADRI JAGAN KUMAR	20U41A0206	IV B.Tech

47	GANTA VISWESWARA RAO	20U41A0208	IV B.Tech
48	Y dhanush	22u41a0226	III B.Tech
49	Rayavarapu Abhiram	22U41A0218	III B.Tech
50	Koppisetti Baby Sarojini	22U45A0222	III B.Tech
51	Peyyala mohan	20U41A0203	IV B.Tech
52	Mindi jagadeesh	23u45a0215	III B.Tech
53	Vgs krishna	21u45a0279	IV B.Tech
54	MAJJI SHANMUKH NAIDU	22u41a0210	III B.Tech
55	Molli. Mounika	22u41a0212	III B.Tech
56	KADIMI HARINADH	21U45A0257	IV B.Tech
57	Dadisetty Gowtham sai karthik	21U45A0248	IV B.Tech
58	MOLLI ARUN KUMAR	22U45A0227	III B.Tech
59	Kannam Chuhitha	21U45A0259	IV B.Tech
60	PATTI YELLARAO	22U41A0217	III B.Tech
61	Vanaja	22u41a0205	III B.Tech
62	R.Dharmendra	22u41a0219	III B.Tech
63	MADETI MANIKANTA	21U45A0222	IV B.Tech
64	VADDI KARTHIK	22U41A0222	III B.Tech
65	PATTI YELLARAO	22U41A0217	III B.Tech
66	Vepada pavani	22U41A0223	III B.Tech
67	Chekka Shri Sai Mounika	21u45a0247	IV B.Tech
68	AMARAPINI KUSHAL	21U45A0240	IV B.Tech
69	Mangaraju Swathi	21U45A0266	IV B.Tech

70	Adari sai kumar	21u45a0239	IV B.Tech
71	MUMMANA VINAY KUMAR	21U45A0228	IV B.Tech
72	Kotla Sai Deepak	22U45A0223	III B.Tech
73	Orupula Puja Hemanth	20U41A0202	IV B.Tech
74	Kurmareddy	21u45a0241	IV B.Tech
75	B.Om Sai Vasanthi	22U41A0203	III B.Tech
76	Villuri kirthanasri	22U41A0224	III B.Tech
77	Kona Surya prakasa rao	23u45a0213	III B.Tech
78	JONNADA SWASTHIK KUMAR	22U45A0215	III B.Tech
79	BETHA BALAJI	21U45A0242	IV B.Tech
80	JONNADA SWASTHIK KUMAR	22U45A0215	III B.Tech
81	Dadi Bhargav apoor	22u45a0208	III B.Tech
82	KALLEMPUDI SAI	21U45A0214	IV B.Tech
83	ATHAVA PRAVEEN KUMAR	21U45A0202	IV B.Tech
84	KANDREGULA BHARGAVI	21U45A0216	IV B.Tech
85	Neeraj Marisetty	21U45A0267	IV B.Tech
86	BODDAPU MANIKANTA	20u41a0207	IV B.Tech
87	Neeraj Marisetty	21u45a0267	IV B.Tech
88	Mohan Sai Konatala	21U45A0262	IV B.Tech
89	DULLA PAVAN KUMAR	21u45a0208	IV B.Tech
90	PILLA VENKATA RAMANA	21U45A0234	IV B.Tech
91	KAKARLAMOODI VISHNU VARDHAN	20U41A0215	IV B.Tech

92	Pebbuli Laxman Sai	21U45A0232	IV B.Tech
93	PAPPALA TEJA SRI	21U45A0272	IV B.Tech
94	BYLAPUDI NARAYANARAO	21U45A0282	IV B.Tech
95	P. Sandhya	21U45A0273	IV B.Tech
96	Padala Manoj	22u41a0215	III B.Tech
97	Salapu Jahnavi	23u45a0220	III B.Tech
98	G. Bharathi	20U41A0209	IV B.Tech
99	Barnikana Govinda	21U45A0203	IV B.Tech

Google Meeting Link:

https://meet.google.com/kuo-sszh-rqa
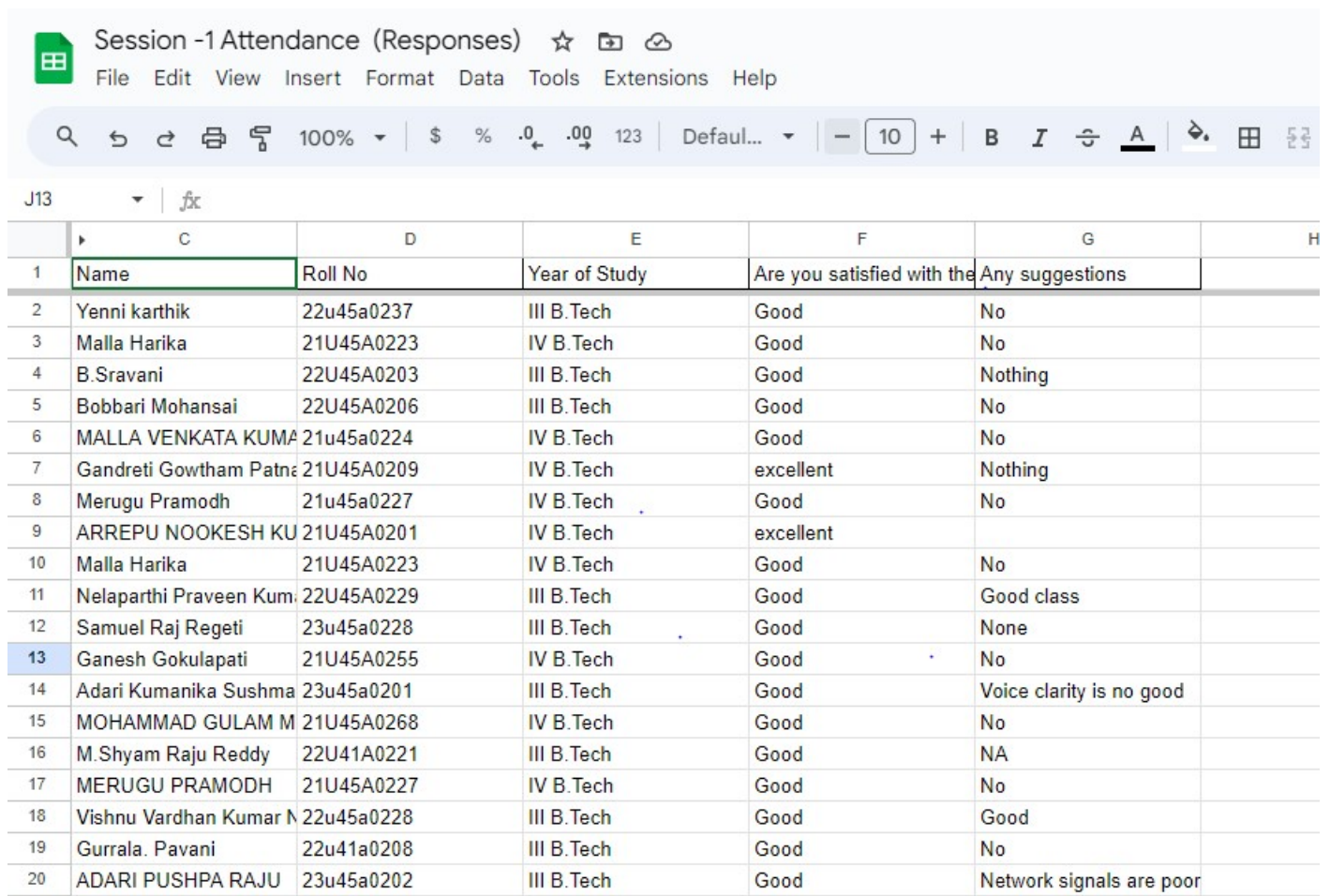
Responses For Session:

Link for Google feedback form:

https://docs.google.com/forms/d/e/1FAIpQLSe54KG4ydivw_3F0q3snBxi2rIDxmZ9R_Ti
ObJjfrNDFUuRCA/viewform?usp=sf_link

Session -1 Attendance (Responses)

	Name	Roll No	Year of Study	Are you satisfied with the	Any suggestions
2	Yenni karthik	22u45a0237	III B.Tech	Good	No
3	Malla Harika	21U45A0223	IV B.Tech	Good	No
4	B.Sravani	22U45A0203	III B.Tech	Good	Nothing
5	Bobbari Mohansai	22U45A0206	III B.Tech	Good	No
6	MALLA VENKATA KUMA	21u45a0224	IV B.Tech	Good	No
7	Gandreti Gowtham Patna	21U45A0209	IV B.Tech	excellent	Nothing
8	Merugu Pramodh	21u45a0227	IV B.Tech	Good	No
9	ARREPU NOOKESH KU	21U45A0201	IV B.Tech	excellent	
10	Malla Harika	21U45A0223	IV B.Tech	Good	No
11	Nelaparthi Praveen Kum	22U45A0229	III B.Tech	Good	Good class
12	Samuel Raj Regeti	23u45a0228	III B.Tech	Good	None
13	Ganesh Gokulapati	21U45A0255	IV B.Tech	Good	No
14	Adari Kumanika Sushma	23u45a0201	III B.Tech	Good	Voice clarity is no good
15	MOHAMMAD GULAM M	21U45A0268	IV B.Tech	Good	No
16	M.Shyam Raju Reddy	22U41A0221	III B.Tech	Good	NA
17	MERUGU PRAMODH	21U45A0227	IV B.Tech	Good	No
18	Vishnu Vardhan Kumar N	22u45a0228	III B.Tech	Good	Good
19	Gurrala. Pavani	22u41a0208	III B.Tech	Good	No
20	ADARI PUSHPA RAJU	23u45a0202	III B.Tech	Good	Network signals are poor

Sample certificate

Are you satisfied with the content and delivery
99 responses
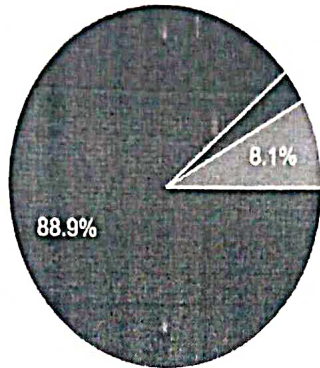
- Good
- Average
- excellent
- Poor

88.9%

8.1%

Conclusion:

The inclusion of Dr. M. V. Lahari as a resource person in the Student Development Program proved to be immensely beneficial for students aspiring to excel in embedded systems and programming. Her expertise, practical insights, and industry perspectives enriched the learning experience, equipping students with the knowledge and skills necessary to thrive in the dynamic field of e-mobility. Moving forward, such collaborations between academia and industry professionals are essential to bridge the gap between theoretical education and industry demands, ensuring the holistic development of future professionals.

Coordinators (Mrs. K. Aruna jaac)

B. Sowmya

(Ms. B. Sowmya)

HOD, EEE 30/5/24

Head of the Department
Electrical & Electronics Engg.
Dadi Institute of Engg. Tech.
Anakapalle - 531 002

Principal 01/06/24

Principal
Dadi Institute of Engineering & Technology
Autonomus
Anakapalli-531002

8