

# RAJAMAHENDRI

INSTITUTE OF ENGINEERING & TECHNOLOGY

AISHE ID:C-18113

NAAC SSR

CYCLE II



## 6 : GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.3 Faculty  
Empowerment  
Strategies

6.3.3 % of teaching and nonteaching  
staff participating in PDPs during Last 5  
Years

6.3.3(2) Organised Professional Development Programs for  
Teachers & Administrative Training Programs for Non-Teaching  
along with their E-copies of Participations A.Y 2021-22



Approved by AICTE, New Delhi, Government of AP & Affiliated to JNTUK,  
Kakinada, Accredited by NAAC and An ISO 9001:2015 Certified Institution

**Bhoopalapatnam, Rajamahendravaram, E.G. Dist, AP-533103**



+91 9121214413



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**INSTITUTE OF ENGINEERING & TECHNOLOGY**

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BHOOPALAPATNAM, RAJAMAHENDRAVARAM, E.G. Dist., AP, 533107.

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Ph: +91 91212 14413



### 6.3.3. Percentage of teaching and non teaching staff participating in Faculty development Programmes (FDP), Professional Development/Administrative Training Programs during the last five years

FACULTY DEVELOPMENT PROGRAMMES			A.Y :2021-2022
S.No	Title of the FDP	Date	No of Participants
1	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021	15
2	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022	33
3	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2021	21
ADMINISTRATIVE TRAINING PROGRAMS		Date	No of Participants
1	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021	9

  
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### 6.3.3 List of Teaching and Non-Teaching staff participating in FDPs and MDPS/ATPs during the last five years

A.Y :2021-2022

S.No	Name of the Faculty	Title of the FDP	Date(s) From-To
1	Tadepalli Gangadhara Rao	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
2	Dasrai Vijay Harshavardhan	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
3	V Acharyulu Kallakuri	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
4	Davuluri Parvathi	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
5	Doma Jyothi	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
6	Nalam P U V S N Pavan Kumar	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
7	Bhemadolu Vijaya	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
8	Kaothapalli Ravi Kumar	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
9	Garapati Krishna	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
10	Ramayanapu Vamsi Gopala Krishna	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
11	Buradagunta Sesharatnam	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021


12	David Prakash Yellamelli	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
13	Vanapalli Devi Ramya Sri	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
14	B.Venkata Satya Sai	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
15	Mulakala Siromani	A one week FDP on Artificial Intelligence in VLSI Chip	15-11-2021 to 20-11-2021
16	Duvvuri Nagapurnima	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
17	Sateesh Kumar Pithani	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
18	Peruri Durga Srinivas	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
19	Cheeli Suresh Kumar	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
20	K K S Laxmi Sailaja	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
21	D.Murali Krishna	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
22	Kedarisetti Abhilash	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
23	Cheemala Sesha Rao	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
24	Sorapalli Sandhya	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
25	Pathri Naga Yamuna	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
26	Mude Narendra	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
27	Mogili Gopi Krishna	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022

28	Varadi Lakshmi Sailaja	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
29	P.Murali Krishna	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
30	Pacchari Atcha Rao	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
31	Vara Lakshmi Kapaka	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
32	Vanamali Nandana	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
33	Koneti Satyanarayana	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
34	Kasipathi Kakileti	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
35	Upparapalli Dhanalakshmi	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
36	V.Bhavani	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
37	Saka Sireesha	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
38	Kommoju V V Pavankumar	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
39	Yedla Amar Babu	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
40	Y Rajesh	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
41	Dulam N V Ramana Kumar	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
42	Kundum Pavan Kumar	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
43	Raju Koppiseti	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022

44	Boddeti Kiran	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
45	Borusu Venkata Satya Sai	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
46	Hanumanthuvaghal Naveen Sekhar	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
47	Mude Narendra	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
48	Murali Krishna Periseti	Student Engagement Strategies for Technical Educators	04-04-2022 to 09-04-2022
49	S N V J Devi Kosuru	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
50	Koppiseti Gowthami	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
51	Bharathi Devi Seerapu	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
52	N V Ramya Devi Kotla	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
53	Talluri Sushma	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
54	Sesha Valli Penke	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
55	Rambabu Rampatruni	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
56	Kandregula Jyothi	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
57	Konala Padmavathi	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
58	Maddipati Susmitha Chowdary	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
59	Josh Mary Anukula	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022

60	Nakka Mamatha Violet	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
61	Yanamandara L S S V Prasad	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
62	Koyye Suresh	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
63	Prakya S S K Sarma	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
64	Doodala Konda Babu	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
65	Gara Jaya Raju	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
66	Mamidi J Venkata Naga Sarat Kiran	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
67	Venna Ashok Ganapathi	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
68	Chindada Gopi	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
69	Swarnalatha Garapati	A one week FDP on Recent Trends in Security: IOT Block Chain, and Cyber Security	23-05-2022 to 28-05-2022
70	V . Madhu	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021
71	P. Sathish Babu	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021
72	M. N. V. S. Srinivas	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021
73	T. Srinivas	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021
74	V. N. Prasad	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021
75	P. Anjaneyulu	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021

76	P. S. R. C. Raju	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021
77	T. Sridevi	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021
78	K. Parvsthi	A One Week Administrative Training Program on Administrative Skills For Professional Development	05-04-2021 to 10-04-2021

  
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Date:05-11-2021.

### CIRCULAR

This is to inform all the ECE Faculty members that as a part of RIET's initiative to continuous support for the faculty members "A One-Week Faculty Development Program on Artificial Intelligence in VLSI Chip" will be conducted in the college from 15-11-2021 to 20-11-2021. So, all the ECE faculty members are advised to avail the opportunity and participate in the program without fail

Venue: Room No: LH-203,RIET(Second Floor)

Timings:09:30 AM to 04:00PM

Copy to : Secretary





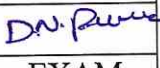

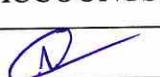
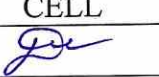
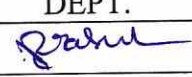


Copy to : All HODs for circulation to Staff

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**PRINCIPAL**  
(Dr.M.Murali Krishna)

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BRANCH	CSE	Mech.	ECE	EEE	S&H
B.Tech. 1st Year				-----	
B.Tech. 2nd Year				-----	-----
B.Tech. 3rd Year					-----
B.Tech. 4thYear					-----
ALL HOD'S					
IQAC	ACCOUNTS	PLACEMENT CELL	TRANSPORT DEPT.	LIBRARY	EXAM SECTION
					

## Organizing Committee

### Chief Patron

**Shri. A.V.V. Satyanarayana,**  
Chairman, Swarnandhra Educational Society

### Patrons

**Shri. K. Venkatesh,**  
Vice-chairman, Swarnandhra Educational Society

**Sri. G. Sai Radha Krishna,**  
Secretary & Correspondent, Swarnandhra Educational Society

### Co-Patrons

**Sri. T.V.L. Narasimha Rao,**  
Vice-Chairman, Swarnandhra Educational Society

**Sri. R.R.S.S. Srinivas,**  
Treasurer, Swarnandhra Educational Society

### Chair person

**Dr. M. Murali Krishna,**  
Principal, RIET.

### Convener

**Mr. D. Harsha Vardhan ,**  
Head of the Department,  
Department of Electronics and  
Communication Engineering ,  
Email id: dasarivijay2003@gmail.com

### Co-ordinator

**Mr. N. Pavan Kumar,**  
Assistant Professor,  
Department of Electronics and  
Communication Engineering ,  
Mobile No: +91 8106397579,  
Email id: [nalampavankumar12@gmail.com](mailto:nalampavankumar12@gmail.com)

## A One Week Faculty Development Program on “Artificial Intelligence in VLSI Chip”

### REGISTRATION FORM

1. Name of the Faculty:
2. Designation:
3. Department:
4. College:
5. Phone Number:
6. Email ID:
7. Address for Communication:
  
8. Signature of Faculty:
9. Remarks (if any):

Date:  
Station:

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## A One Week Faculty Development Program on “Artificial Intelligence in VLSI Chip”

### Schedule:

**15-11-2021 to 20-11-2021**

**Venue: RIET LH-203, RIET (Second Floor)**



**Organized  
by**

**Department Of Electronics and  
Communication Engineering**

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AP, 533107.

## About the Institute

Rajahmendri Institute of Engineering and Technology popularly known as "RIET" was established in the year 2008 in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge. The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech., with 60 students each in EEE, ECE, CSE and Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 13 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its eleventh year of its existence. The college is making rapid strides in the field of technical education and has emerged as a reputed institution in the JNTUK, Kakinada, Andhra Pradesh region. The institution always tries to look ahead in pursuit of excellence. All the management members of the college believe in adapting to the changes in advanced technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes.

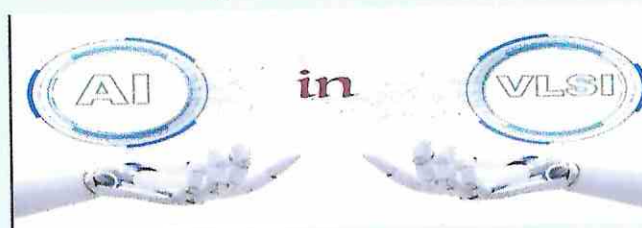


## About the Department

The Department of Electronics and Communication Engineering, Rajamahendri Institute of Engineering and Technology was established in the year 2008. The department of ECE has been known for its exceptionally strong Under-Graduate training programmes.

Ranked among the prominent in East Godavari, the department has always been on a progressive path, thanks to the experienced and dedicated faculty members who have a strong commitment towards providing quality engineering education.

## About the Program

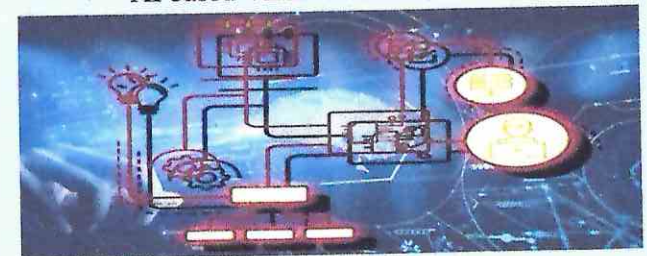


Enhance the faculty's skills and understanding in the fields of Machine Learning (ML) and Generative AI, equipping them to impart knowledge to their students effectively. The primary goal of the FDP is to promote research and developmental activities to solve problems related to Advanced VLSI (Chip) Logic Design, Physical Design in current AI era. This creates an

opportunity to equip with the ongoing Technological development in the area of VLSI and AI. The program is intended to provide a vibrant opportunity for Electronics.

## Topics to be Covered

- Artificial Intelligent (AI) techniques in  $\alpha$  VLSI design automation
- Learning algorithms for VLSI design  $\alpha$  automation
- Artificial Intelligence based  $\alpha$  architectural programming model in VLSI : WEAVER architecture
- Geometric methodology using  $\alpha$  object-oriented paradigm in VLSI layout placement and routing
- Structural perspectives for logical  $\alpha$  interconnection
- AI based VLSI CAD tools  $\alpha$ .



## Resource Person

**Dr. D. Nataraj,**

**Professor,**

Department of Electronics and  
Communication Engineering ,  
Pragathi Engineering College,  
Mobile No:+91 8309477369 ,

Email id: [dasari.nataraj@gmail.com](mailto:dasari.nataraj@gmail.com)





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Date: 05-11-2021.

## Week/Day-wise Schedule

Name of the Program : "A One-Week Faculty Development Program on Artificial Intelligence in VLSI Chip"

Sl. No	Day	Date	Duration	Topics to be covered
1.	Monday	15-11-2021	6hrs	Artificial Intelligent (AI) techniques in $\alpha$ VLSI design automation
2.	Tuesday	16-11-2021	6hrs	Learning algorithms for VLSI design $\alpha$ automation
3.	Wednesday	17-11-2021	6hrs	Artificial Intelligence based $\alpha$ architectural programming model in VLSI : WEAVER architecture
4.	Thursday	18-11-2021	6hrs	Geometric methodology using $\alpha$ object-oriented paradigm in VLSI layout placement and routing
5.	Friday	19-11-2021	6hrs	Structural perspectives for logical $\alpha$ interconnection
6.	Saturday	20-11-2021	6hrs	AI based VLSI CAD tools $\alpha$

Coordinator

HOD



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### LIST OF REGISTERED FACULTY

Name of the Program : "A One-Week Faculty Development Program on Artificial Intelligence in VLSI Chip"

Duration: 15-11-2021 to 20-11-2021. (One week)

S. no	Name of the faculty	Qualification	College	Designation	Department	Signature
1.	T. Gangadhara Rao	M.Tech	RIET	Assistant Prof	ECE	
2.	P. Salma	M.Tech	Pijayada RIET	Assistant prof	ECE	
3.	Vijay Harsha Varadhan D	M.Tech	RIET	Assistant Prof	ECE	
4.	Y. Acharyulu Karakoti	M.Tech	RIET	Assistant Prof	ECE	
5.	Sle. Reddanna	M.Tech	Nimra	Assistant prof	ECE	
6.	Ch Navendhara	M.Tech	Nimra	Associate Prof	ECE	
7.	D. Parvathi	M.Tech	RIET	Asst. Profem	ECE	
8.	D. Jyothi	M.Tech	RIET	Asst. Professor	ECE	
9.	Dr. R. Prabhakar	Ph.D	DIET	Professor	ECE	
10.	Dr. K. Vamsi Krishna	Ph.D	DIET	Professor	ECE	
11.	Nalam P.U. VSN Pavan	M.Tech	RIET	Asst. Professor	ECE	
12.	Bhemadolu vijaya	M.Tech	RIET	Asst. Professor	ECE	
13.	Dr. M. Apparao	Ph.D	GCE	Professor	ECE	
14.	B. Vijaysekhar	M.Tech	GCE	Asst. professor	ECE	
15.	K. Ravi Kumar	M.Tech	RIET	Asst. Profem	ECE	



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S. no	Name of the faculty	Qualification	College	Designation	Department	Signature
16	Gaxapati krishna	M.Tech	RIET	Assistant Professor	ECE	G. Krishna
17	M. Lakshmi Narayana	M.Tech	GCE	Assistant Professor	ECE	M. Lakshmi
18	S. Suresh babu	M.Tech	GCE	Assistant Prof.	ECE	S. Sureshbabu
19	R. Vamsi Sopala Krishna	M.Tech	RIET	Assistant prof	ECE	R. Vamsi
20	B. Sesharathnam	M.Tech	RIET	Assistant Prof	ECE	B. Sesharathnam
21	K. Sakrunaik	M.Tech	GCE	Assistant prof	ECE	K. Sakrunaik
22	D. Sunil	M.Tech	ECE	Assistant Prof.	ECE	D. Sunil
23	D.P. Yellamelli	M.Tech	RIET	Assistant prof	ECE	D.P. Yellamelli
24	V.D. Ramya Sni	M.Tech	RIET	Assit. Prof	ECE	V. Ramya
25	D. Ravishankar	M.Tech	NRI	Assistant Prof	E.C.E	D. Ravishankar
26	M. Maheeth	M.Tech	NRI	Assistant prof	E.C.E	M. Maheeth
27	Ch. Swapna	M.Tech	NRI	Asst prof	ECE	Ch. Swapna
28	B. Venkata Satya Sai	M.Tech	RIET	Assistant Professor	ECE	B. Venkata Satya Sai
29	M. Sirmathi	M.Tech	RIET	Assistant Prof	ECE	M. Sirmathi
30	Ch. Phani Kanth	M.Tech	VITW	Asst prof	ECE	Ch. Phani Kanth





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eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413



### Day-wise Attendance Sheet

Name of the Program : "A One-Week Faculty Development Program on Artificial Intelligence in VLSI Chip"

Date : 15-11-2021 to 20-11-2021 (oneweek)

Department : ELECTRONICS & COMMUNICATION ENGINEERING

S.no	Name of the faculty	Designation	College	Day1	Day2	Day3	Day4	Day5	Day6
1.	T. Gangadhar Rao	Assist. prof	RIET	A	A	A	A	A	A
2.	P. Salma	Assist. prof	RIET	A	A	A	A	A	A
3.	D. Vijaya Harsha Vardhan	Assis. prof	RIET	A	A	A	A	A	A
4.	V. Acharyulu Ballakoti	Assis. prof	RIET	A	A	A	A	A	A
5.	S. K. Reshma	Assis. prof	Nirmala	A	A	A	A	A	A
6.	CH. Narendhra	Assist. prof	Nirmala	A	A	A	A	A	A
7.	D. parvathi	Assist. prof	RIET	A	A	A	A	A	A
8.	D. Jyothi	Assis. prof	RIET	A	A	A	A	A	A
9.	Dr. K. Prabhakar	Professor	DIET	A	A	A	A	A	A
10.	Dr. K. Vamsi Krishna	Professor	DIET	A	A	A	A	A	A
11.	M. P. V. V. S. N. Param	Assist. prof	RIET	A	A	A	A	A	A
12.	B. Vijaya	Assist. prof	RIET	A	A	A	A	A	A
13.	Dr. M. Apparao	Professor	GCE	A	A	A	A	A	A
14.	B. Vijaya Sekhar	Assis. prof	GCE	A	A	A	A	A	A
15.	K. Ravi Kumar	Assis. prof	RIET	A	A	A	A	A	A
16.	G. Krishna	Assis. prof	RIET	A	A	A	A	A	A
17.	M. Lakshmi Narayana	Assis. prof	GCE	A	A	A	A	A	A
18.	S. Suresh Babu	Assis. prof	GCE	A	A	A	A	A	A
19.	R. Vamsi Gopalakrishna	Assis. prof	RIET	A	A	A	A	A	A
20.	B. Sesha Ratnam	Assis. prof	RIET	A	A	A	A	A	A
21.	K. Sakrunaik	Assis. prof	GCE	A	A	A	A	A	A







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Date:24-11-2021

### PROGRAM REPORT

<b>Name of the Program</b>	: “A One-Week Faculty Development Program on Artificial Intelligence in VLSI Chip”
<b>Date/Duration</b>	:15-11-2021 to 20-11-2021(One Week).
<b>Timings</b>	:09:30AM to 04:00PM

#### Resource Person Details:

- **Name** : Dr. D.Nataraj
- **Designation** : Professor
- **Department** : ECE
- **Organization** : Pragathi Engineering College
- **Email Id** : [dasari.natraj@gmail.com](mailto:dasari.natraj@gmail.com)
- **Contact Number** :8309477369

#### Program Objectives:

Enhance the faculty's skills and understanding in the fields of Machine Learning (ML) and Generative AI, equipping them to impart knowledge to their students effectively. The primary goal of the FDP is to promote research and developmental activities to solve problems related to Advanced VLSI (Chip) Logic Design, Physical Design in current AI era. This creates an opportunity to equip with the ongoing Technological development in the area of VLSI and AI. The program is intended to provide a vibrant opportunity for Electronics.

#### Topics Covered:

- Artificial Intelligent (AI) techniques in VLSI design automation
- Learning algorithms for VLSI design automation
- Artificial Intelligence based architectural programming model in VLSI : WEAVER architecture
- Geometric methodology using object-oriented paradigm in VLSI layout placement and routing
- Structural perspectives for logical interconnection
- AI based VLSI CAD tools



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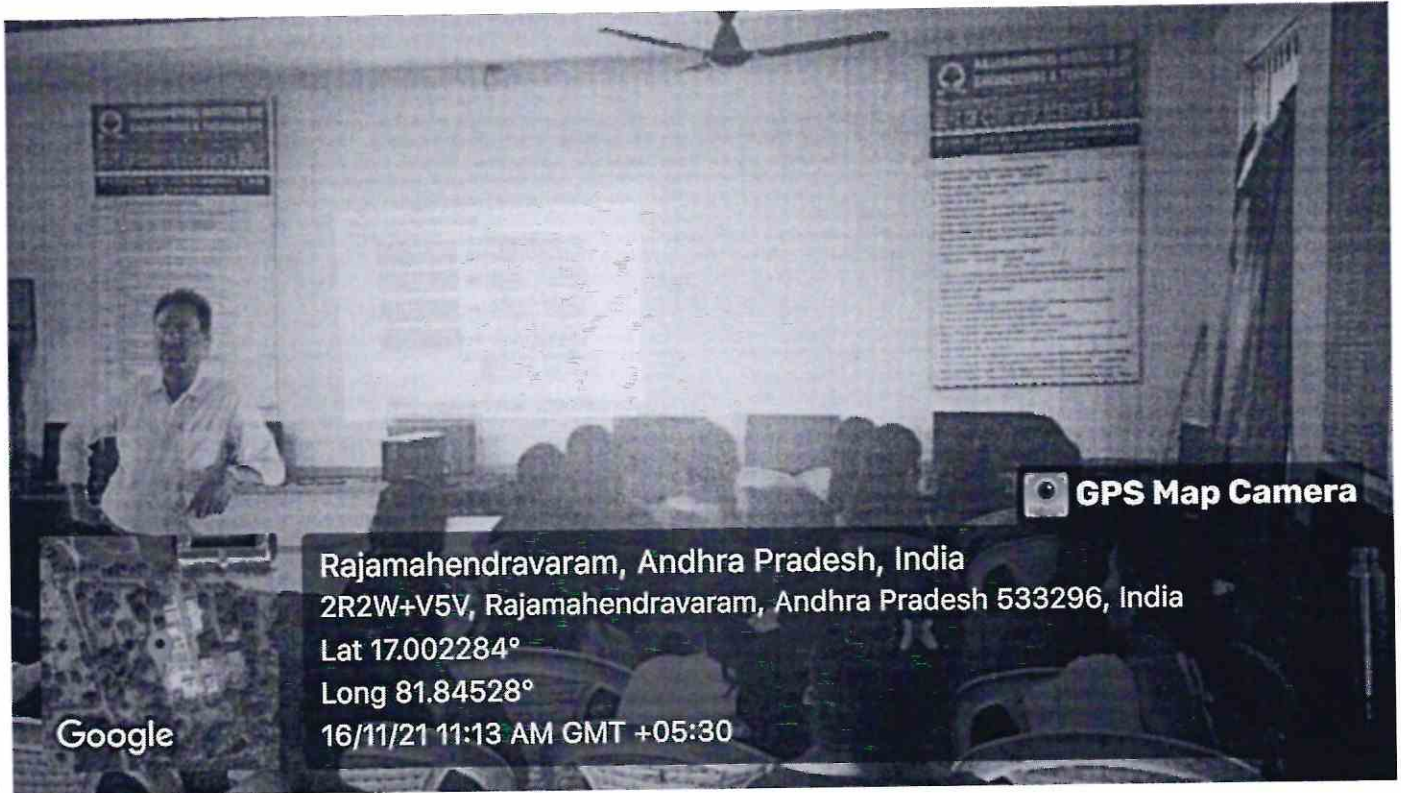
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## Program Outcomes:

At end of the Faculty Development Program all the participants will be able to

- Solve practical and state of the art AI problems to serve VLSI & MEMS industries.
- Apply AI design approaches to solve energy efficient Memory chips and Processors.
- Develop AI compatible systems by assembling solutions to produce advanced circuits.



COORDINATOR

HOD



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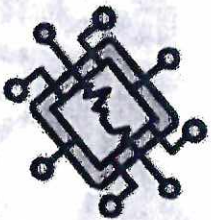
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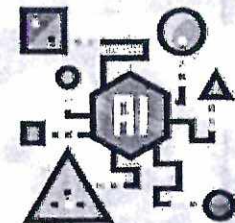
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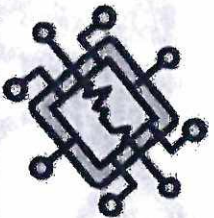
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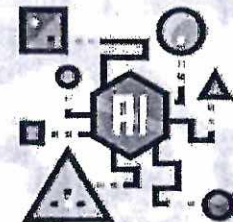
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*g*  
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*M. Asha*  
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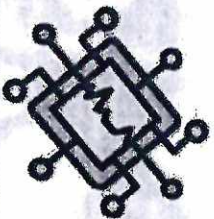
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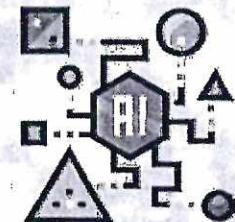
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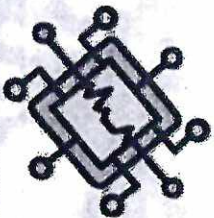
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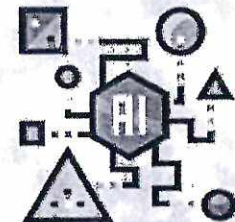
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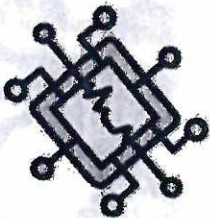
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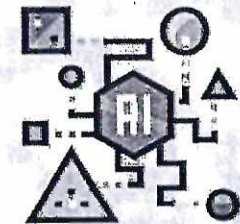
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*A.*  
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*H. Ash*  
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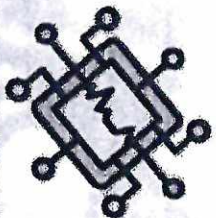
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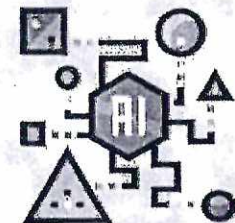
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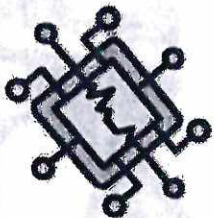
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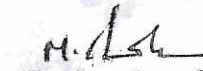
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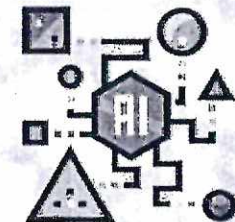
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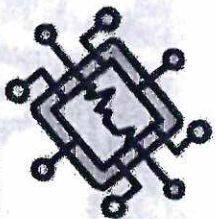
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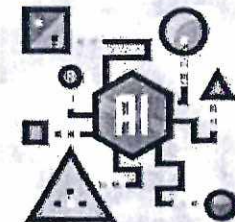
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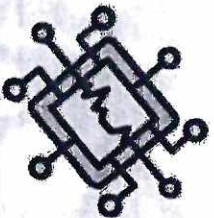
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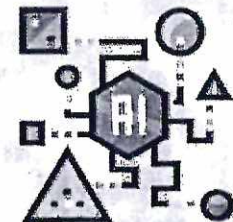
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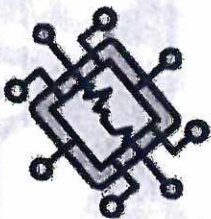
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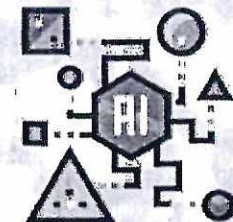
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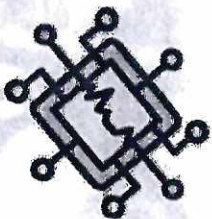
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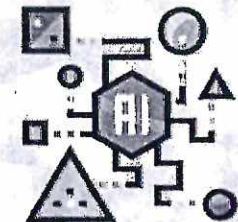
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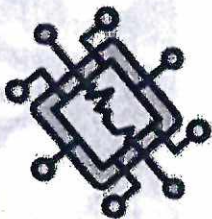
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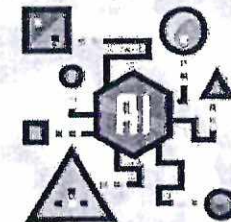
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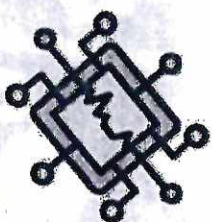
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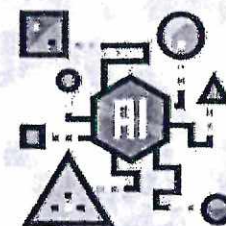
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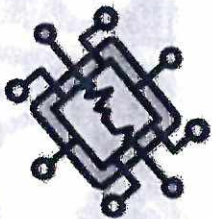
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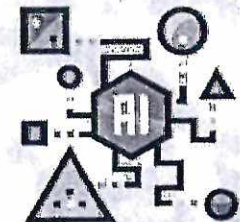
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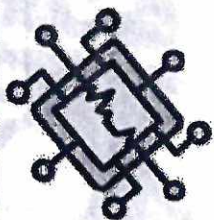
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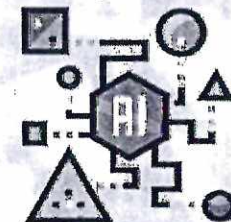
*This is to Certify that Dr./Ms./Mr./Mrs. Mr. Siromani  
working as Prof./Assoc. Prof./Asst. Prof. in RIET COLLEGE  
has participated as delegate in the "A One Week Faculty Development Program on  
Artificial Intelligence in VLSI Chip" from 15-11-2021 to 20-11-2021*



*[Signature]*  
Coordinator

*[Signature]*  
HOD

*[Signature]*  
Principal





# RAJAMAHENDRI

21-22

## INSTITUTE OF ENGINEERING & TECHNOLOGY

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eMail: [office@rietry.co.in](mailto:office@rietry.co.in)

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Ph: +91 91212 14413



Date: 24.03.2022




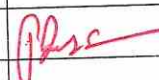
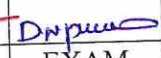


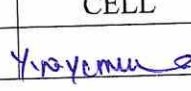
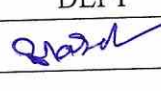

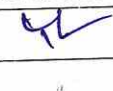
### CIRCULAR

This is to inform all the Teaching Faculty members that as a part of RIET's initiative to offer continuous support for the faculty members A One Week Faculty Development Program on "Student Engagement Strategies for Technical Educators" will be conducted in the college from 04.04.2022 to 09.04.2022. So, all the faculty members are advised to avail the opportunity and participate in the program without fail.

Venue: RIET Seminar Hall.  
Time: 9:00 AM

- Copy to : Secretary
- Copy to : All HODs for circulation to Staff
- Copy to : Admin. Office
- Copy to : Library

  
**PRINCIPAL**  
 (Dr. M Murali Krishna)  
**Principal**  
 Rajamahendri Institute of Engineering & Technology  
 Bhoopalapatnam, Rajahmundry-533 107  
 E.G. Dist., (A.P)

BRANCH	CSE	Mech.	ECE	EEE	S&H
B.Tech. I Year					
B.Tech. II Year					-----
B.Tech. III Year					-----
B.Tech. IV Year					-----
ALL HOD'S					
IQAC	ACCOUNTS	PLACEMENT CELL	TRANSPORT DEPT	LIBRARY	EXAM SECTION
					

## Organizing Committee

### Chief Patron

**Shri. A.V.V. Satyanarayana,**  
Chairman, Swarnandhra Educational Society

### Patrons

**Shri. K. Venkatesh,**  
Vice-chairman, Swarnandhra Educational Society

**Sri. G. Sai Radha Krishna,**  
Secretary & Correspondent, Swarnandhra Educational Society

### Co-Patrons

**Sri. T.V.L. Narasimha Rao,**  
Vice-Chairman, Swarnandhra Educational Society

**Sri. R.R.S.S. Srinivas,**  
Treasurer, Swarnandhra Educational Society

### Chair person

**Dr. M. Murali Krishna,**  
Principal, RIET.

### Convener

**Dr. D. Naga Purnima,**  
Head of the Department,  
Department of Sciences and Humanities ,  
Email id: [sh.hod@riet.rjv.co.in](mailto:sh.hod@riet.rjv.co.in)

### Co-ordinator

**Mr. P. Satish Kumar,**  
Assistant Professor,  
Department of Sciences and Humanities ,  
Mobile No: +91 91 9949493825,  
Email id: [satishkumar.english@.com](mailto:satishkumar.english@.com)

## A One Week Faculty Development Program on

## “Student Engagement Strategies for Technical Educators”

### REGISTRATION FORM

1. Name of the Faculty:
2. Designation:
3. Department:
4. College:
5. Phone Number:
6. Email ID:
7. Address for Communication:
  
8. Signature of Faculty:
9. Remarks (if any):

Date:  
Station:

  
PRINCIPAL  
PRINCIPAL  
**RAJAMAHENDRI**  
INSTITUTE OF ENGINEERING TECHNOLOGY  
BHOOPALAPATNAM.  
RAJAMAHENDRAVARAM-533 107. E.G.Dist



## A One Week Faculty Development Program on

## “Student Engagement Strategies for Technical Educators”

### Schedule:

04-04-2022 to 09-04-2022

Venue: RIET Seminar Hall.



Organized  
by

Department Of Sciences and Humanities

**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING &**  
**TECHNOLOGY**

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AP, 533107.

### About the Institute

Rajahmendri Institute of Engineering and Technology popularly known as “RIET” was established in the year 2008 in Rajahmundry by “The Swarnandhra Educational Society” pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge. The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech., with 60 students each in EEE, ECE, CSE and Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 13 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its eleventh year of its existence. The college is making rapid strides in the field of technical education and has emerged as a reputed institution in the JNTUK, Kakinada, Andhra Pradesh region. The institution always tries to look ahead in pursuit of excellence. All the management members of the college believe in adapting to the changes in advanced technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes



### About the Department

The Department of Sciences and Humanities was established in the year 2008 with an intake of 264 students. The main objective of the department is to provide a conceptual base in Basic Sciences which form a foundation to the Engineering subjects and it is instrumental in grooming the students into competent Engineers and individuals through training in Soft Skills, to compete for global opportunities. In view of the rapid development of knowledge and the technological changes, the department seeks to strengthen itself by integrating it with the engineering departments for a productive knowledge base. The department has been encouraging to conduct of workshops and seminars to enable the faculty to keep abreast of the knowledge and methodologies in the respective fields of research. The department can also help engineers understand the broad social and cultural impacts of applying knowledge to address challenges and opportunities in the workplace and in their communities.



### About the Program

The objective of the “Student Engagement Strategies for Technical Educators ” FDP was to More than ever, educators need to employ student engagement strategies that inspire and prepare children to embrace science and potentially pursue it in their college and career choices. Science is the systematic study of the structure and behaviour of the physical, social, and natural worlds through observation and experimentation. It’s key to innovation, global competitiveness, and human advancement. It’s important that the world continues to advance the field of science, whether it’s finding new cures for cancer and other diseases or identifying and exploring new galaxies.

### Topics to be Covered

- Introduction The Value of Learning Science
- Teaching Strategies for Educators
- Hands-on experiments
- Inquiry-based learning
- Using technology in the classroom
- Collaborative learning
- Gamification, Field trips
- Project-based learning.



### Resource Person

Name : V. R. V. Winson,  
Designation : Assistant Professor,  
Department : HBS,  
Organization : GIET Engineering College,  
Email Id : [winson.elt@gmail.com](mailto:winson.elt@gmail.com)  
Contact Number: 9444985477.



Date: 24-03-2022

**Week/Day wise Schedule**

Name of the Program: "Student Engagement Strategies for Technical Educators"

Sl.No	Day	Date	Topics to be covered
1.	Monday	04-04-2022	Introduction
2.	Tuesday	05-04-2022	Hands-on experiments
3.	Wednesday	06-04-2022	Inquiry-based learning
4.	Thursday	07-04-2022	Using technology in the classroom
5.	Friday	08-04-2022	Collaborative learning, Field trips
6.	Saturday	09-04-2022	Project-based learning

  
Coordinator

  
HOD



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eMail: office@rietriety.co.in Website: www.rietriety.co.in Ph: +91 91212 14413



### List of Registered Faculty

Name of the Program: A One Week Faculty Development Program on "Student Engagement Strategies for Technical Educators"

Duration : 04.04.2022 to 09.04.2022 (One Week)

Sl. No.	Name of the Faculty	College	Designation	Dept.	Signature
1	D.N. Prudhomo	RIET	Professor	SEH	D.N. Prudhomo
2	P. Satish Kumar	RIET	Asst. Prof	SEH	P. Satish Kumar
3	P. Durgasoumya	RIET	Asst. Prof	EEE	P. Durgasoumya
4	CH. SURESH KUMAR	RIET	Asst. Prof	SEC	CH. SURESH KUMAR
5	K.K.S. Lakshmi Sailaja	RIET	Asst. Prof	SEH	K.K.S. Lakshmi Sailaja
6	D. Mohali Krishna	RIET	Asst. Prof	Mech	D. Mohali Krishna
7	K. Abhijeeth	RIET	Asst. Prof	SEH	K. Abhijeeth
8	Ch. Seetha Rao	RIET	Asst. Prof	SEH	Ch. Seetha Rao
9	S. Sandya	RIET	Asst. Prof	SEH	S. Sandya
10	P. N. Y. Suman	RIET	Asst. Prof	SEH	P. N. Y. Suman
11	M. N. Suman	RIET	Asst. Prof	Mech	M. N. Suman
12	M. Gopi Krishna	RIET	Asst. Prof	SEH	M. Gopi Krishna
13	V. L. Sailaja	RIET	Asst. Prof	SEH	V. L. Sailaja
14	P. Murali Krishna	RIET	Asst. Prof	MECH	P. Murali Krishna
15	P. Akhila Rao	RIET	Asst. Prof	MECH	P. Akhila Rao
16	K. V. Lakshmi	RIET	Asst. Prof	SEH	K. V. Lakshmi
17	V. Nandhana	RIET	Asst. Prof	SEH	V. Nandhana
18	K. Satyanarayana	RIET	Asst. Prof	SEH	K. Satyanarayana
19	K. Sripathi	RIET	Asst. Prof	SEH	K. Sripathi
20	U. Dhanalakshmi	RIET	Asst. Prof	SEH	U. Dhanalakshmi
21	V. Bhavani	RIET	Asst. Prof	SEH	V. Bhavani
22	S. Shresha	RIET	Asst. Prof	SEH	S. Shresha
23	K. V. V. Pawan Kumar	RIET	Asst. Prof	EEE	K. V. V. Pawan Kumar
24	M. Ram Prasad	RIET	Asst. Prof	EEE	M. Ram Prasad
25	M. Murali Krishna	RIET	Asst. Prof	EEE	M. Murali Krishna
26	P. Kondala Rao	RIET	Asst. Prof	EEE	P. Kondala Rao
27	M. Mehar Krishna	RIET	Asst. Prof	Mech	M. Mehar Krishna
28	K. S. R. Kumar	RIET	Asst. Prof	Mech	K. S. R. Kumar
29	V. Ravi Kumar	RIET	Asst. Prof	Mech	V. Ravi Kumar
30	V. Amal Babu	RIET	Asst. Prof	Mech	V. Amal Babu
31	Y. Rajesh	RIET	Asst. Prof	Mech	Y. Rajesh
32	N. V. R. Anant Kumar	RIET	Asst. Prof	SEH	N. V. R. Anant Kumar
33	K. Pawan Kumar	RIET	Asst. Prof	EEE	K. Pawan Kumar
34	K. Raju	RIET	Asst. Prof	EEE	K. Raju
35	B. Kiran	RIET	Asst. Prof	EEE	B. Kiran
36	B. V. Satya Sai	RIET	Asst. Prof	Mech	B. V. Satya Sai
37	H. V. Navneet Sekar	RIET	Asst. Prof	Mech	H. V. Navneet Sekar
38	M. Narendra	RIET	Asst. Prof	Mech	M. Narendra







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eMail: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413



### List of participants

Name of the Program : A One Week Faculty Development Program on "Student Engagement Strategies for Technical Educators"

Duration : 04.04.2022 to 09.04.2022 (One Week)

Organized Department: S&H

Sl.No	Name of the Faculty	College	Day 1	Day2	Day3	Day4	Day5	Day6
1.	D.N. Pruthi	RIET	D	D	D	D	D	D
2	P. Satish Kumar	RIET	S	S	S	S	S	S
3	P. Durga Srinivas	RIET	P	P	P	P	P	P
4	CH. SURESH kumar	RIET	C	C	C	C	C	C
5	K.K.S. Lakshmi Sarojini	RIET	L	L	L	L	L	L
6	D. Murali Krishna	RIET	M	M	M	M	M	M
7	K. Abhilash	RIET	A	A	A	A	A	A
8	S. Sandhya	RIET	S	S	S	S	S	S
9	M. Gopi KRISHNA.	RIET	G	G	G	G	G	G
10	Ch. Sesha Rao	RIET	C	C	C	C	C	C
11	P. Akhila Rao	RIET	A	A	A	A	A	A
12	V-L. Seelajani	RIET	V	V	V	V	V	V
13	M. Manjari	RIET	M	M	M	M	M	M
14.	P. Murali Krishna	RIET	P	P	P	P	P	P
15.	A.N. Yemuna	RIET	A	A	A	A	A	A
16	K. Vajra Lakshmi	RIET	K	K	K	K	K	K
17.	V. Nandhana	RIET	V	V	V	V	V	V
18.	K. Satyanarayana	RIET	S	S	S	S	S	S
19.	V. dhana lakshmi	RIET	V	V	V	V	V	V
20	V. Bhavani	RIET	V	V	V	V	V	V
21	S. Shrinani	RIET	S	S	S	S	S	S
22	K.V. Pawan kumar	RIET	K	K	K	K	K	K
23	M. Ram Prasad	RIET	M	M	M	M	M	M
24	D. Murali Krishna	RIET	M	M	M	M	M	M
25	P. Kondala Rao	RIET	P	P	P	P	P	P
26	M. Mehar Krishna	RIET	M	M	M	M	M	M
27	K.S.R. Iceman	RIET	K	K	K	K	K	K
28	V. Ravi kumar	RIET	V	V	V	V	V	V
29	U. Anant Babu	RIET	U	U	U	U	U	U
30	Y. Rajesh	RIET	Y	Y	Y	Y	Y	Y
31	D. Anand Kumar	RIET	D	D	D	D	D	D
32	K. Pawan Kumar	RIET	K	K	K	K	K	K
33	K. Raju	RIET	K	K	K	K	K	K
34	B. Kiran	RIET	B	B	B	B	B	B
35	B.V. Satya Sai	RIET	B	B	B	B	B	B
36	H.U. Nabeensekar	RIET	H	H	H	H	H	H





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Website: [www.rietrijy.co.in](http://www.rietrijy.co.in)

Ph: +91 91212 14413



Date : 12-04-2022

### PROGRAM REPORT

**Name of the Program :** A one Week Faculty Development Program on “Student Engagement Strategies for technical Educators”

**Date/Duration :** 04.04.2022 to 09.04.2022 (One week)

**Timings :** 9:30 AM to 4:00 PM

#### Resource Person Details

**Name :** Mr. V R V Winson

**Designation :** Assistant Professor

**Department :** HBS

**Organization:** GIET Engineering College

**Email Id :** [winson.elt@gmail.com](mailto:winson.elt@gmail.com)

**Contact Number:** 9444985477

**Name of the Coordinator:** Mr. Satish Kumar, Assistant Professor, S&H Dept

**Number of Participants :** 46

#### Program Objective:

The objective of the “Student Engagement Strategies for Technical Educators" FDP was to More than ever, educators need to employ student engagement strategies that inspire and prepare children to embrace science and potentially pursue it in their college and career choices.

Science is the systematic study of the structure and behaviour of the physical, social, and natural worlds through observation and experimentation. It's key to innovation, global competitiveness, and human advancement. It's important that the world continues to advance the field of science, whether it's finding new cures for cancer and other diseases or identifying and exploring new galaxies.

#### . Topics Covered:

- Introduction: The Value of Learning Science
- Teaching Strategies for Educators
- Hands-on experiments
- Inquiry-based learning



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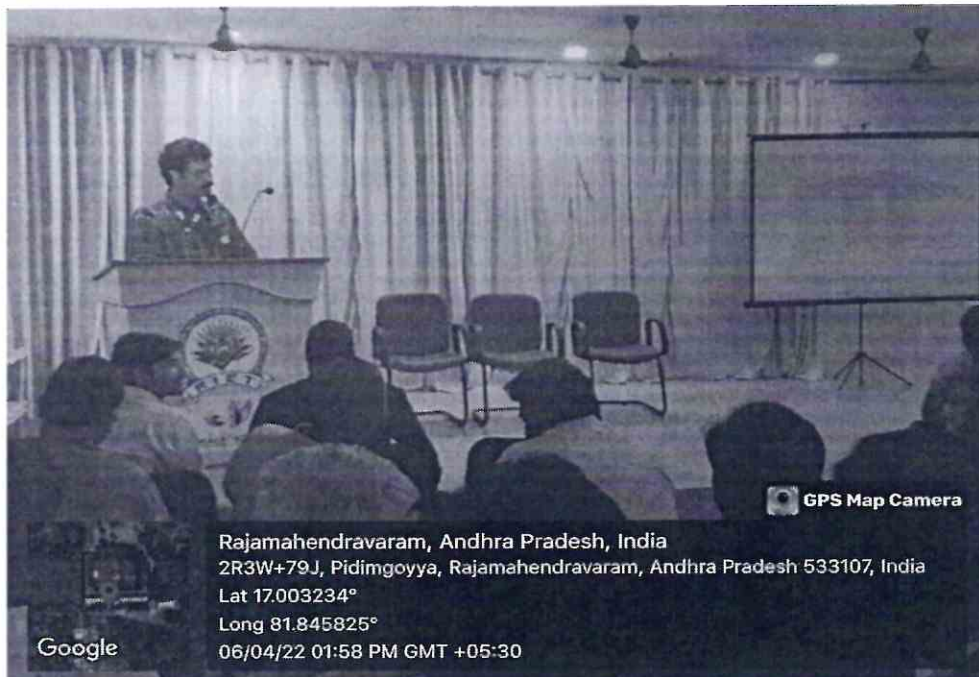
- Using technology in the classroom
- Collaborative learning
- Gamification, Field trips
- Project-based learning

### Program Outcomes:

At the end of the Faculty Development Program all the participants and Faculty will be able to proper planning when working towards completing the tasks

Engaging students in technical content requires educators to help students see themselves as scientists and engineers instead of passively observing other people doing the work of science. It is about creating opportunities for them to see science in application instead of just reading about it in a textbook." Complex textbooks are important to have, but if young learners can't grasp the information and educators aren't effectively teaching the content, then it limits students' chances for success.

The "Student Engagement Strategies for technical Educators" FDP was instrumental in equipping engineering faculty with, empowering them to excel in their roles and contribute positively to the development of their students and the institution.



Resource person: Mr. V R V Winson created awareness on "Student Engagement Strategies for technical Educators" for faculty members

Coordinator

D. N. S. R. V. V. Winson  
HOD



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This is to Certify that Dr./Ms./Mr./Mrs. D. N. Naga Purnima working as  
Prof. /Assoc. Prof./Asst. Prof. in RIET College has participated as  
delegate in the “A One Week Faculty Development Program on Student Engagement  
Strategies for Technical Educators ” from 04-04-2022 to 09-04-2022.

  
Coordinator

  
HOD

  
Principal



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Prof. /Assoc. Prof./Asst. Prof. in RIET College has participated as  
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Strategies for Technical Educators" from 04-04-2022 to 09-04-2022.

  
Coordinator

  
HOD

  
Principal



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This is to Certify that Dr./Ms./Mr./Mrs. P. Durga Srinivas working as  
Prof. /Assoc. Prof./Asst. Prof. in RIET College has participated as  
delegate in the “A One Week Faculty Development Program on Student Engagement  
Strategies for Technical Educators ” from 04-04-2022 to 09-04-2022.

  
Coordinator

  
HOD

  
Principal



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This is to Certify that Dr./Ms./Mr./Mrs. Ch. Suresh Kumar working as  
Prof. /Assoc. Prof./Asst. Prof. in RIET College has participated as  
delegate in the “A One Week Faculty Development Program on Student Engagement  
Strategies for Technical Educators ” from 04-04-2022 to 09-04-2022.

  
Coordinator

  
HOD

  
Principal





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### Certificate of Participation

This is to Certify that Dr./Ms./Mr./Mrs. K.K.S. Lakshmi Sailaja working as  
Prof. /Assoc. Prof./Asst. Prof. in RIET College has participated as  
delegate in the “A One Week Faculty Development Program on Student Engagement  
Strategies for Technical Educators ” from 04-04-2022 to 09-04-2022.

  
Coordinator

D.N. Prudhuma  
HOD

  
Principal



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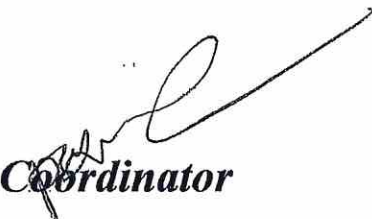
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email: office@rietrjy.co.in Website: www.rietrjy.co.in Ph: +91 91212 14413



### Certificate of Participation

This is to Certify that Dr./Ms./Mr./Mrs. D. Murali Krishna working as  
Prof. /Assoc. Prof./Asst. Prof. in RIET College has participated as  
delegate in the “A One Week Faculty Development Program on Student Engagement  
Strategies for Technical Educators ” from 04-04-2022 to 09-04-2022.

  
Coordinator

  
HOD

  
Principal



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### Certificate of Participation

This is to Certify that Dr./Ms./Mr./Mrs. K. Abhilash working as  
Prof. /Assoc. Prof./Asst. Prof. in RIET College has participated as  
delegate in the "A One Week Faculty Development Program on Student Engagement  
Strategies for Technical Educators" from 04-04-2022 to 09-04-2022.

  
Coordinator

  
HOD

  
Principal



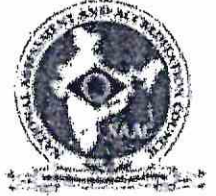
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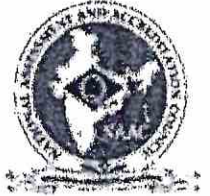
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## A One Week Faculty Development Program on

## “Recent Trends in Security:”

IOT, Block-chain, and Cyber Security

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## A One Week Faculty Development Program on

## “Recent Trends in Security:”

IOT, Block-chain, and Cyber Security

### Schedule:

**23-05-20 22 to 28-05-20 22**

**Venue: RIET Seminar Hall.**



Organized  
by

Department Of Computer Science And  
Engineering

**RAJAMAHENDRI**  
**INSTITUTE OF ENGINEERING &**  
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## About the Institute

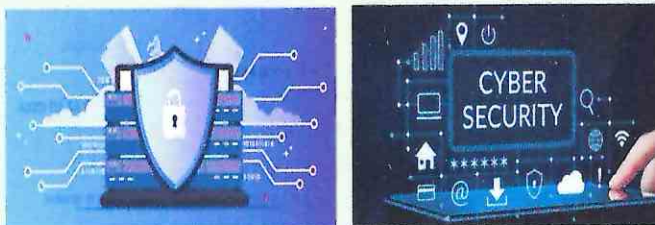
Rajamahendri Institute of Engineering and Technology popularly known as "RIET" was established in the year 2008 in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge. The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech., with 60 students each in EEE, ECE, CSE and Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 13 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its eleventh year of its existence. The college is making rapid strides in the field of technical education and has emerged as a reputed institution in the JNTUK, Kakinada, Andhra Pradesh region. The institution always tries to look ahead in pursuit of excellence. All the management members of the college believe in adapting to the changes in advanced technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes.



## About the Department

The Computer Science and Engineering department was established in the year 2008 with initial intake of 60 seats, increased to 120 in the year 2010. The Department of Computer Science and Engineering has a mission to empower every student to be industrious, creative and quality conscious in the field of Information Technology by imparting quality technical education and inculcating human and ethical values. The faculty members are highly qualified and experienced with specialization in Machine Learning, Data Science, Networking, Algorithms, Data Mining, Image Processing, Software Engineering, Network Security, Computer Vision, Web Technologies, Internet of Things, Cloud Computing Services etc. Students are given proper exposure to current trends including IOT applications design and development, Cisco network management and administration, cloud services, bio-informatics, software architecture, sensor networks, cloud computing, mobile computing, soft computing, block chain technology, and artificial intelligence etc. through workshops, guest lectures, seminars by industry experts and professionals.

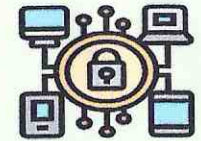
## About the Program



This Faculty Development Program or workshop that enlightens the knowledge of all the participants in the following aspects:

- To explore recent trends in cyber attacks and defense against cyber risks with a practical approach
- To Understanding the concepts in Theoretical & Analytical way that improves the chances of getting research ideology in these domains such as

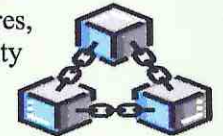
- ✓ Internet-of-Things,
- ✓ Block chain technology
- ✓ Cyber Security .



## Topics to be Covered

Introduction and Importance of Block chain Technology and Cyber Security Cyber Attacks with Hands-on Session: Recent trends, prevention and protection

- IOT/CPS Fundamentals with Hands-on Session: Components, architectures, applications, protocols, security attacks, security methods, and past attacks.
- Web Attacks and Countermeasures with Hands-on Session: Principles of Authentication and Authorization, Cookie Stealing Attacks, Cross Site Scripting, Cross Site Request Forgery, Click jacking, SSRF, Security Policies and Countermeasures



## Resource Person

**Dr. Y. Venkateswarlu,**

**Professor,**

Department of Computer Science and Engineering ,

B. V. C College Engineering and Technology,

Mobile No: +91 9948388000 ,

Email id: [dr.yallavenkat@gmail.com](mailto:dr.yallavenkat@gmail.com)







# RAJAMAHENDRI

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DATE: 14-05-2022

### Week/Day-wise Schedule

Name of the Program: "Recent Trends in Security: IoT, Blockchain, and Cyber Security"

Sl. No	Day	Date	Topics to be covered
1.	Monday	23-05-2022	Introduction and Importance of Block chain Technology and Cyber Security
2.	Tuesday	24-05-2022	Cyber Attacks with Hands-on Session: Recent trends, prevention and protection
3.	Wednesday	25-05-2022	IoT/CPS Fundamentals with Hands-on Session: Components, architectures, applications, protocols, security attacks, security methods, and past attacks
4.	Thursday	26-05-2022	Web Attacks and Countermeasures with Hands-on Session: Principles of Authentication and Authorization, Cookie Stealing Attacks, Cross Site Scripting, Cross Site Request Forgery, Clickjacking, SSRF, Security Policies and Countermeasures
5.	Friday	27-05-2022	Block Chain with Hands-on Session: Consensus protocols and requirements to build any smart application
6.	Saturday	28-05-2022	Blockchain development Tools and Frameworks with use cases follows Hands-on Session.

  
Coordinator

  
HOD



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### LIST OF REGISTERED FACULTY

Name of the Program : "Recent Trends in Security: IoT, Blockchain, and Cyber Security"

Duration : 23-05-2022 to 28-05-2022 (Six Days)

Sl. No.	Name of the Faculty	College	Designation	Dept.	Signature
1	S.N.V.J.K Devi	RIET	Asst. professor	CSE	
2	K. Gowthami	RIET	Asst. professor	CSE	
3	S. Bharathi Devi	RIET	Asst. professor	CSE	
4	K. Ramya Devi	RIET	Asst. Professor	CSE	
5	T. Sushma	RIET	Asst. Professor	CSE	
6	P. Seshavalli	RIET	Asst. professor	CSE	
7	Dr. R. Rambabu	RIET	Profen	CSE	
8	Rehana Begum	NIMRA	Asst. professor	CSE	
9	SK. Lal Mohammad	Potiyadhasthi	Asst. Professors	CSE	
10	K. Jyoth	RIET	Asst. Profen	CSE	
11	R. Padmathi	RIET	ASST. PROSE	CSE	
12	SK Abdul Magid	NIMRA	Asst. prof	CSE	
13	V. Lakshma Reddy	GEC	Asst. Prof	CSE	
14	M. Sasmitha	RIET	ASST. Prof	CSE	
15	M. Koteswarao	GEC	ASST. Prof	CSE	
16	A. Joth May	RIET	Asst. Prof	CSE	
17	B. Babu	GEC	ASST. Prof	CSE	
18	N. Mamatha	RIET	ASST. Prof	CSE	
19	V.L.S.S.V. Prasad	RIET	Asst. Prof	CSE	
20	K. Suruh	RIET	Asst. Prof	CSE	
21	Dr. G. Vinay Kumar	RIET	Prof	CSE	
22	P. S. S. K. Same	RIET	ASST Prof	CSE	
23	G. Vyshnavi	GEC	Asst. Prof	CSE	
24	D. Kondababu	RIET	Asst. Prof	CSE	
25	G. Jayaraju	RIET	ASST. PROF	CSE	
26	Dr. K. Sowmya	DIET	Prof	CSE	
27	M.V.N. Sarath	RIET	ASST. Prof	CSE	
28	V. Ashok Ganapathi	RIET	ASST. PROF	CSE	
29	K. Navja Lalitha Kumari	GEC	ASST. Prof	CSE	
30	Ch. Chitra	RIET	Asst Prof	CSE	

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### LIST OF PARTICIPANTS

Name of the Program : "Recent Trends in Security: IoT, Blockchain, and Cyber Security"

Date : 23-05-2022 to 28-05-2022

Department : Computer Science and Engineering

Sl.No	Name of the Faculty	College	Day 1	Day2	Day3	Day4	Day5	Day6
1.	S.N.U.J.K.Devi	RIET	Devik	Devik	Devik	Devik	Devik	Devik
2.	K.Gowthami	RIET	K.gow	K.gow	K.gow	K.gow	K.gow	K.gow
3.	S.Bharathi Devi	RIET	S.B	S.B	S.B	S.B	S.B	S.B
4.	K.Ramya Devi	RIET	K.RamyaDevi	K.RamyaDevi	K.RamyaDevi	K.RamyaDevi	K.RamyaDevi	K.RamyaDevi
5.	T.Sushma	RIET	T.Sushma	T.Sushma	T.Sushma	T.Sushma	T.Sushma	T.Sushma
6.	P.Seshavalli	RIET	P.Seshu	P.Seshu	P.Seshu	P.Seshu	P.Seshu	P.Seshu
7.	Dr. R. Rambabu	RIET	Rambabu	Rambabu	Rambabu	Rambabu	Rambabu	Rambabu
8.	M.Sulmittha	RIET	Sulmittha	Sulmittha	Sulmittha	Sulmittha	Sulmittha	Sulmittha
9.	B. Babu	GEC	B.Babu	B.Babu	B.Babu	B.Babu	B.Babu	B.Babu
10.	SK.Lal Mohammad	Priyadhrashini	Lal	Lal	Lal	Lal	Lal	Lal
11.	K.Padmathi	RIET	Padma	Padma	Padma	Padma	Padma	Padma
12.	V.Lakshmi Reddy	GEC	V.Lakshmi Reddy	V.Lakshmi Reddy	V.Lakshmi Reddy	V.Lakshmi Reddy	V.Lakshmi Reddy	V.Lakshmi Reddy
13.	Rehana Begum	NIMRA	Rehana	Rehana	Rehana	Rehana	Rehana	Rehana
14.	N.Mamatha	RIET	Mamatha	Mamatha	Mamatha	Mamatha	Mamatha	Mamatha
15.	Y.L.S.S.V. Prasad	RIET	Y.L.S.V.	Y.L.S.V.	Y.L.S.V.	Y.L.S.V.	Y.L.S.V.	Y.L.S.V.
16.	K.Suresh	RIET	Suresh	Suresh	Suresh	Suresh	Suresh	Suresh
17.	K.Jayaram	RIET	K.Jay	K.Jay	K.Jay	K.Jay	K.Jay	K.Jay
18.	M.Koteswarao	GEC	M.Kotesw	M.Kotesw	M.Kotesw	M.Kotesw	M.Kotesw	M.Kotesw
19.	A.Jashwanth	RIET	A.Jash	A.Jash	A.Jash	A.Jash	A.Jash	A.Jash
20.	Dr.G.Vinaykumar	RIET	G.V.Kumar	G.V.Kumar	G.V.Kumar	G.V.Kumar	G.V.Kumar	G.V.Kumar
21.	D.Konda Babu	RIET	D.Konda	D.Konda	D.Konda	D.Konda	D.Konda	D.Konda
22.	G.Jayaraju	RIET	G.Jayaraju	G.Jayaraju	G.Jayaraju	G.Jayaraju	G.Jayaraju	G.Jayaraju
23.	K.Nayalalitha Kumari	GEC	K.Nayalalitha	K.Nayalalitha	K.Nayalalitha	K.Nayalalitha	K.Nayalalitha	K.Nayalalitha
24.	Sk Abdul Masjid	NIMRA	Abdul	Abdul	Abdul	Abdul	Abdul	Abdul
25.	V.Ashok Ganpathi	RIET	V.A.Ganpathi	V.A.Ganpathi	V.A.Ganpathi	V.A.Ganpathi	V.A.Ganpathi	V.A.Ganpathi
26.	Dr.K.Sourmya	DIET	K.Sourmya	K.Sourmya	K.Sourmya	K.Sourmya	K.Sourmya	K.Sourmya
27.	MVN. Sarath.	RIET	MVN Sarath	MVN Sarath	MVN Sarath	MVN Sarath	MVN Sarath	MVN Sarath
28.	G.Vyshnavi	GEC	G.Vyshnavi	G.Vyshnavi	G.Vyshnavi	G.Vyshnavi	G.Vyshnavi	G.Vyshnavi
29.	P.Srinivas Rao	GEC	P.Srinivas	P.Srinivas	P.Srinivas	P.Srinivas	P.Srinivas	P.Srinivas
30.	P.S.S.L. Sarma	RIET	P.S.S.L. Sarma	P.S.S.L. Sarma	P.S.S.L. Sarma	P.S.S.L. Sarma	P.S.S.L. Sarma	P.S.S.L. Sarma

*P. Manoj*  
Coordinator





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DATE: 30-05-2022

### PROGRAM REPORT

<b>Name of the Program</b>	: "Recent Trends in Security: IoT, Blockchain, and Cyber Security"
<b>Date/Duration</b>	: 23-05-2022 to 28-05-2022 (Six Days).
<b>Resource Person</b>	: Dr. Yalla Venkateswarulu, Professor, CSE Dept, Head of Department, BV CR (Autonomous),
<b>Phone</b>	: 9948388000
<b>Email</b>	: dr.yallavenkat@gmail.com
<b>Name of the Coordinator</b>	: Mrs. P Manasa, Assistant Professor, CSE Dept.
<b>No of the Participants</b>	: 45

### **Program Objectives:**

This Faculty Development Program or workshop that enlightens the knowledge of all the participants in the following aspects:

- To explore recent trends in cyber attacks and defense against cyber risks with a practical approach
- To gain insights of cyber physical system security and IoT security with hands-on experience on security assessment tools.
- To understand the web security, web attacks and its countermeasures using various tools.
- To provide conceptual understanding of block chain technology using various development tools and frameworks.
- To Understanding the concepts in Theoretical & Analytical way that improves the chances of getting research ideology in these domains such as
  - ✓ Internet-of-Things,
  - ✓ Block chain technology
  - ✓ Cyber Security

The followed Hands-on sessions on theoretical topics that imparts knowledge to participants about the applications and tools that may ease our day to day and real life activities and the problems.

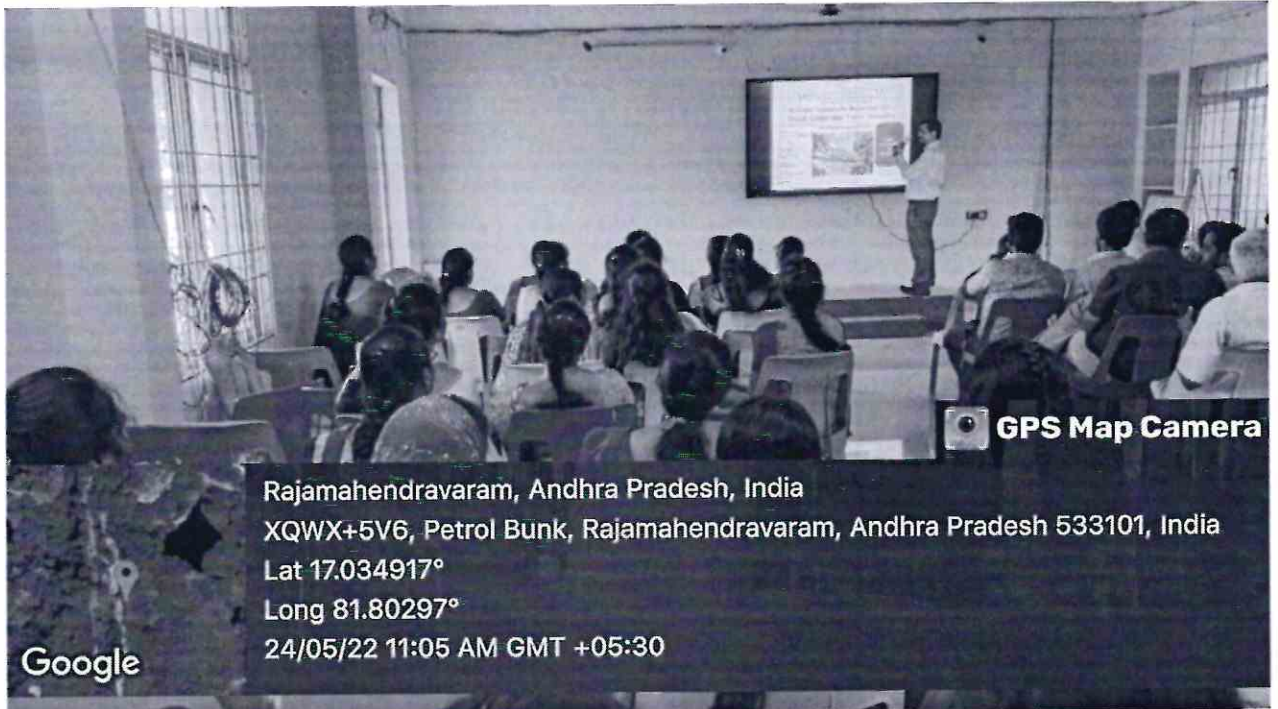
### **Topics Covered:**

- Introduction and Importance of Block chain Technology and Cyber Security
- Cyber Attacks with Hands-on Session: Recent trends, prevention and protection
- IoT/CPS Fundamentals with Hands-on Session: Components, architectures, applications, protocols, security attacks, security methods, and past attacks
- Web Attacks and Countermeasures with Hands-on Session: Principles of Authentication and Authorization, Cookie Stealing Attacks, Cross Site Scripting, Cross Site Request Forgery, Clickjacking, SSRF, Security Policies and Countermeasures
- Block Chain with Hands-on Session: Consensus protocols and requirements to build any smart application.
- Block-chain development Tools and Frameworks with use cases follows Hands-on Session.



### Program Outcomes:

- At end of the Faculty Development Program all the participants and Faculty will be able to
- Understood Recent Trends in Cyber attacks that on going on Front end and Back end soft computing devices and knew the importance of Cyber Security, Block Chain Technology and IoT that effect on everyday life activities.
  - Got the grip on these domains and enlighten the students and learners with their guidance and build the students careers in relevant domains like Cyber Security, Block Chain Technology and IoT.
  - Developing a smart system incorporating the thrust areas by using the knowledge learned in these domains and solve the problems in theoretical and analytical way.
  - Adapting new trends and technologies of accessing and retrieving the data and analyze it and provide Security by prevent and protection way.
  - Doing research and partitioning from academia and industry to gain insights into the developments along with the already existing research challenges in these domains, as well as a practical exposure to effective smart systems, tools, and related applications.



  
Coordinator

  
HOD



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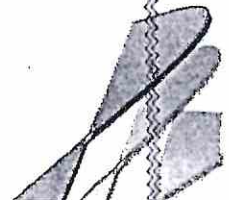
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as Prof. /Assoc. Prof. /Asst. Prof. in RIET Engineering College College  
has participated "A One Week Faculty Development Program on Recent Trends in Security:  
IOT, Block chain, and Cyber Security" from 23-05-2022 to 28-05-2022*

  
Coordinator

  
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Principal







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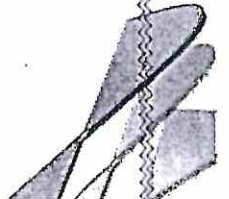
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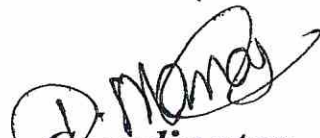
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Coordinator

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*M. Lakshmi*  
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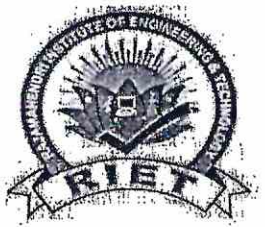
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Coordinator

*[Signature]*  
HOD

*M. Ash*  
Principal



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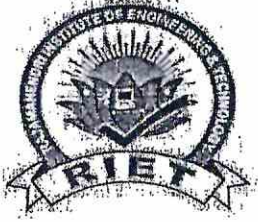
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*P. Manoj*  
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*Dr.*  
HOD

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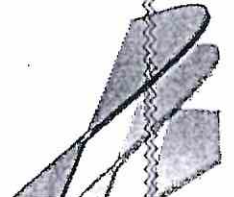
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*Das*  
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*M. Asha*  
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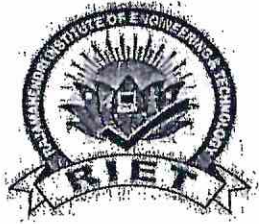
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*Coordinator*

*HOD*

*M. Ach*  
*Principal*



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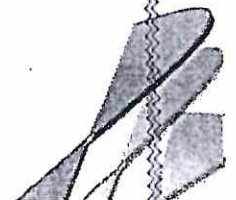
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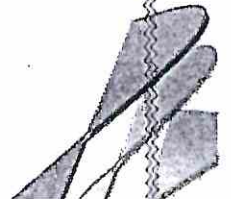
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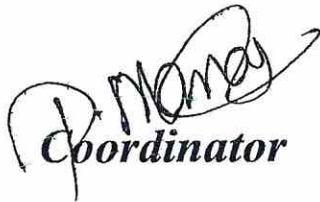
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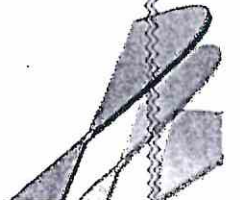
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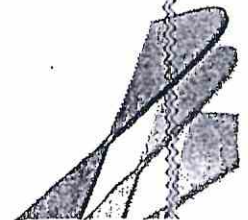
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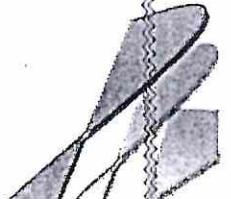
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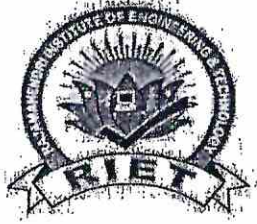
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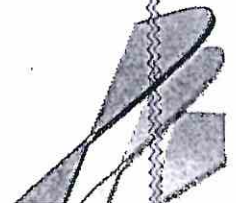
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**Dr. M. Murali Krishna,**  
Principal, RIET.

### Convener

**Mr. P. Atcharao,**  
Head of the Department,  
Department of Mechanical Engineering,  
Email id: [patcharao.666@gmail.com](mailto:patcharao.666@gmail.com),

### Co-ordinator

**Mr. P.Murali Krishna,**  
Assistant Professor,  
Department of Mechanical Engineering ,  
Mobile No: +91 9490041529,  
Email id: [pvmkrishna.423@gmail.com](mailto:pvmkrishna.423@gmail.com)

## A One Week Administrative Training Program on

## “Administrative Skills for Professional Development”

### REGISTRATION FORM

1. Name of the Faculty:
2. Designation:
3. Department:
4. College:
5. Phone Number:
6. Email ID:
7. Address for Communication:
  
8. Signature of Faculty:
9. Remarks (if any):

Date:

Station:



PRINCIPAL

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## A One Week Administrative Training Program on

## “Administrative Skills for Professional Development”

Schedule:

*25-04-2022 to 30-04-2022*

*Venue: RIET Seminar Hall.*



Organized  
by

Department Of Mechanical Engineering

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## About the Institute

Rajahmendri Institute of Engineering and Technology popularly known as "RIET" was established in the year 2008 in Rajahmundry by "The Swarnandhra Educational Society" pioneered by Technocrats, Academicians and Philanthropists with a concrete plan to offer excellence in technical education and to meet the present as well as the changing needs of the corporate sector. The college is located in a peaceful and lush green environment away from the din and bustle of the crowded city life which is free from pollution and congenial to attain technical knowledge. The college is affiliated to JNTUK Kakinada and approved by AICTE, New Delhi, Accredited by NAAC and Govt. of Andhra Pradesh. The college was started in the year 2008 with an intake of 240 students in 4 branches of B.Tech., with 60 students each in EEE, ECE, CSE. Mechanical Engineering branch were started with an intake of 60 in the year 2011. RIET has completed 13 years of successful functioning in the areas of Teaching, Learning, Evaluation, Research, Career planning, Training and Placement and is now in its eleventh year of its existence. The college is making rapid strides in the field of technical education and has emerged as a reputed institution in the JNTUK, Kakinada, Andhra Pradesh region. The institution always tries to look ahead in pursuit of excellence. All the management members of the college believe in adapting to the changes in advanced technologies. They continuously develop the infrastructural and instructional facilities of the institution for better performance in Engineering & Technology programmes.



## About the Department

The Department of Mechanical Engineering. At present, the department offers Graduate degree. Mechanical Engineering Department is highly reputed for producing eminent engineers. Mechanical Engineering Department is highly reputed for producing eminent Engineers as professionals, researchers and entrepreneurs. Department has strong industry The Department has well-equipped laboratories such as pneumatics and hydraulic, Refrigeration and Air Conditioning, hydraulics Machinery, Theory of machines, thermal engg Lab, heat transfer lab, metrology, mettargy machine tool lab. Engineering work shop , production technology lab. Instrumentation and measurements lab. Many of its alumni occupy key positions in industries and institutions in India and abroad. The department is proud to be collaborated with well-known industries in niche areas.

## About the Program



These are skills of responsibility. It is about proper documentation – the process of doing things the

right way or the accepted way, working on developing new processes to make the experience for customers, employees, and stakeholders better, answering any questions and solving challenges that employees are facing

Organizations wouldn't be able to function effectively if these skills lacked. Administrative skills or administrative experience is crucial when working in a team, as these skills will help you meet the team's needs and listen to their requirements.



## Topics to be Covered

- Introduction
- The importance of Administrative skills/ administrative experience
- How to improve your administrative skills
- Require technical knowledge regarding Administrative
- Require Communication skills include both written and oral
- Tips to make office work more friendly

## Resource Person

**Mr. D. Ramana Kumar ,**

**Associate Professor,**

Department of Computer Science and

Engineering, Organization : Rajamahendri

Institute of Engineering and Technology,

Mobile No: +91 9774375311,

Email id: [ramanakumar.dulam@gmail.com](mailto:ramanakumar.dulam@gmail.com)





DATE: 11.04.2022

**Week/Day wise Schedule**

**Name of the Program:** A one Week Administrative Training Program on “Administrative Skills for Professional Development”

**Duration:** 25.04.2022 to 30.04.2022. (Six Days)

Sl.No	Day	Date	Topics to be covered
1.	Monday	25.04.2022	Introduction
2.	Tuesday	26.04.2022	The importance of administrative skills/ administrative experience
3.	Wednesday	27.04.2022	How to improve your administrative skills
4.	Thursday	28.04.2022	Require technical knowledge regarding Administrative
5.	Friday	29.04.2022	Require Communication skills include both written and oral
6.	Saturday	30.04.2022	Tips to make office work more friendly

  
Coordinator

  
HOD









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Ph: +91 91212 14413



DATE:04-05-2022

### PROGRAM REPORT

**Name of the Program** : "Administrative Skills for Professional Development"

**Date/Duration** : 25.04.2022 to 30.04.2022. (Six Days).

**Timings** : 9.30 AM to 4.00 PM

#### **Resource Person Details**

**Name** : Mr.D.N.V. Ramana Kumar

**Designation** : Assistant Professor,

**Department** : S&H

**College** : Rajamahendri Institute of Engineering and Technology

**Phone Number** : 9774375311

**Email Id** : [ramanakumar.dulam@gmail.com](mailto:ramanakumar.dulam@gmail.com)

**Name of the Coordinator** : Mr.P.Murali Krishna, Assistant Professor, Mech

**Dept. CollegeNo of the Participants** : 9

#### **Program Objectives:**

These are skills of responsibility. It is about proper documentation – the process of doing things the right way or the accepted way, working on developing new processes to make the experience for customers, employees, and stakeholders better, answering any questions and solving challenges that employees are facing.

Organizations wouldn't be able to function effectively if these skills lacked. Administrative skills or administrative experience is crucial when working in a team, as these skills will help you meet the team's needs and listen to their requirements.

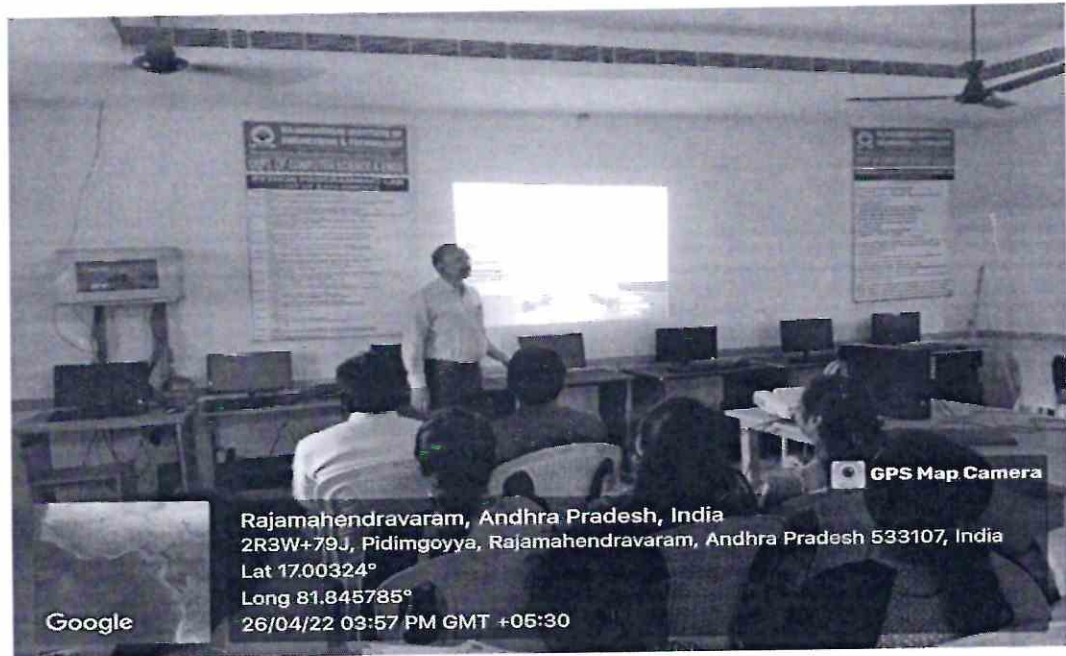


### Program Outcomes:

At end of the Administrative Training Program all the participants and Administrative Staff will be able to proper planning when working towards completing the tasks

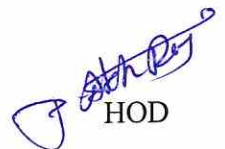
1. Organizational skills organize digital workspace. Keeping all important files labeled saves, a lot of time and allows to be quick when someone asks about a piece of particular information.
2. Communication skills they can solve challenges for them when you listen attentively. Communication skills also help you answer questions of your customers and employees and provide great services.
3. Customer Service they will also be able to solve that problem. Since customer service is an important skill for an administrator, you must develop communication skills and help customers perform tasks they are having trouble with.
4. Creating awareness on Effective time management skills to meet the dead lines.
5. Implementation of Team work among employees through effective leadership.

Increasing digitalization and implementation of new technologies set the stage for newer and more advanced administrative skills. It's no surprise that administrative professionals now are required to perform a variety of different tasks.



Resource person Mr.D.N.V.Ramana Kumar created awareness on “Administrative Skills for Professional Development” for Administrative Staff.

  
Coordinator

  
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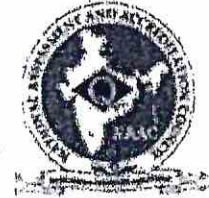
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