

Rami Reddy Subbarami Reddy Engineering College [ ARI-C-26852 ][ C-26852 ]

# Section 1: Policy And Institutionalization Of I&E Activities In HEIs (Academic Calendar Year 2020-21 & 2021-22)

1.1) Adoption Level of Innovation and Entrepreneurship (I&E) Policy in HEIs: Registration; Policy Formulation; Policy	
Implementation	

Completion of Action Items (status as on 7th November 2022 )	Status
Registered in the NISP portal for I&E Policy Adoption	Yes
Institute has Formulated an Innovation and Entrepreneurship (I&E) Policy	No
Institute has Action Plans for Implementation of the I&E Policy	No

#### Contact:

Faculty Name:	Mr. KASI JAGADEESH
Designation:	Assistant Professor
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Mobile No.	8320853919

Annual Performances of IIC Institute	Stars Secured
IIC 1.0 (2018-19)	
IIC 2.0 (2019-20)	
IIC 3.0 (2020-21)	0
IIC 4.0 (2021-22)	0 ( On Progress )
Contact:	
IIC President of the Institute:	Dr N. KRISHNA CHAITANYA
Designation:	Professor
Email ID:	nosinakc@gmail.com
Mobile No.	8019255212

1.3) Activeness of Trained Innovation Ambassadors in Driving Campus I&E Ecosystems in HEIs: Trained I Nos of Prescribed Activities undertaken by IA								
Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted					
1	Ezra Sadepalli	Basic	0					

### 1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-26852	Yes
HEI Participated in the Smart India Hackathon (2022)	C-26852	No
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## Section 2: Teaching and Learning: Academic Programs related to Innovation and Entrepreneurship (I&E) Offered by the HEI

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
1	Automobile Engineering	19A03504a	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	15-11- 2021 00:00:00	04-02- 2022 00:00:00	82	59	Offline
2	Fundamentals of Additive Manufacturing	19A03603b	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	25-03- 2022 00:00:00	01-05- 2022 00:00:00	38	58	Offline
3	Refrigeration and Air Conditioning	15A03704	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	24-11- 2021 00:00:00	25-01- 2022 00:00:00	63	45	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
4	Automation and Robotics	15A03708	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	20-11- 2021 00:00:00	29-01- 2022 00:00:00	71	54	Offline
5	Non Conventional Sources of Energyy	15A03606	2020-21	Elective Course	Bachelor	Mechanical Engineering	3	28-04- 2021 00:00:00	17-08- 2021 00:00:00	112	78	Online
6	Data Warehousing and Data Mining	19A05505a	2021-22	Elective Course	Bachelor	Computer Science and Engineering	3	18-10- 2021 00:00:00	27-01- 2022 00:00:00	102	66	Offline
7	Compiler Design	19A05603a	2021-22	Elective Course	Bachelor	Computer Science and Engineering	3	14-03- 2022 00:00:00	01-05- 2022 00:00:00	49	70	Offline
8	Artificial Intelligence	15A05606	2020-21	Elective Course	Bachelor	Computer Science and Engineering	3	07-04- 2021 00:00:00	27-07- 2021 00:00:00	112	72	Blended Mo
9	Digital Image Processing	15A04708	2021-22	Elective Course	Bachelor	Electronics and Communication Engineering	3	21-10- 2021 00:00:00	29-01- 2022 00:00:00	101	57	Offline
10	Radar Systems	15A04705	2021-22	Elective Course	Bachelor	Electronics and Communication Engineering	3	21-10- 2021 00:00:00	29-01- 2022 00:00:00	101	57	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
11	Principles and Techniques of Modern Radar Systems	19A04605e	2021-22	Elective Course	Bachelor	Electronics and Communication Engineering	3	17-03- 2022 00:00:00	01-05- 2022 00:00:00	46	66	Offline
12	Managerial Economics and Financial Analysis	19A052602b	2021-22	Elective Course	Bachelor	Electronics and Communication Engineering	3	16-03- 2022 00:00:00	01-05- 2022 00:00:00	47	58	Offline
13	Rehabilitation and Retrofitting of Structures	15A01710	2021-22	Elective Course	Bachelor	Civil Engineering	3	20-10- 2021 00:00:00	28-01- 2022 00:00:00	101	58	Offline
14	Environment Pollution and Control	19A01505c	2021-22	Elective Course	Bachelor	Civil Engineering	3	20-10- 2021 00:00:00	29-01- 2022 00:00:00	102	58	Offline
15	Ground Improvement Techniques	15A01706	2021-22	Elective Course	Bachelor	Civil Engineering	3	28-10- 2021 00:00:00	31-01- 2022 00:00:00	96	55	Offline
16	Ground Improvement	19A01603b	2021-22	Elective Course	Bachelor	Civil Engineering	3	08-03- 2022 00:00:00	01-05- 2022 00:00:00	55	48	Offline

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
17	PROGRAMMABLE LOGIC CONTROLLER AND ITS APPLICATIONS	15A02605	2021-22	Elective Course	Bachelor	ELECTRICAL AND ELECTRONICS ENGINEERING	3	20-10- 2021 00:00:00	29-01- 2022 00:00:00	102	60	Offline
18	SWITCHED MODE POWER CONVERTERS	15A02705	2021-22	Elective Course	Bachelor	ELECTRICAL AND ELECTRONICS ENGINEERING	3	21-10- 2021 00:00:00	29-01- 2022 00:00:00	101	55	Offline
19	POWER QUALITY	15A02709	2021-22	Elective Course	Bachelor	ELECTRICAL AND ELECTRONICS ENGINEERING	3	20-10- 2021 00:00:00	29-01- 2022 00:00:00	102	53	Offline
20	SOFTWARE ARCHITECTURE	15A05704	2020-21	Elective Course	Bachelor	COMPUTER SCIENCE AND ENGINEERING	3	20-10- 2021 00:00:00	29-01- 2022 00:00:00	102	60	Blended Mo

### 2.2) Non-Academic Courses in Innovation, Entrepreneurship and IPR

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mo Del
1	3D Building Design Using REVIT Architecture	2020-21	Short-term Certificate Program	Self Sponsored/Supported	CIVIL Engineering	18-01- 2021 00:00:00	21-01- 2021 00:00:00	4	30	Off
2	STADD Pro Design Software	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Civil Engineering	01-02- 2021 00:00:00	05-02- 2021 00:00:00	5	35	Off
3	Computer-Aided Design and Drafting	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Civil Engineering	15-02- 2021 00:00:00	19-02- 2021 00:00:00	5	35	Off
4	Primavera P6 Project Management	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Civil Engineering	29-03- 2021 00:00:00	02-04- 2021 00:00:00	5	33	Off
5	SKETCH UP	2020-21	Short-term Certificate Program	Self Sponsored/Supported	CIVIL Engineering	19-04- 2021 00:00:00	23-04- 2021 00:00:00	5	30	Off
6	Object Oriented Programming through JAVA	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Computer Science and Engineering	14-09- 2020 00:00:00	18-09- 2020 00:00:00	5	33	Onl
7	Web and Internet Technologies	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Computer Science and Engineering	08-12- 2020 00:00:00	12-12- 2020 00:00:00	5	30	Onl

8	Software Quality Assurance	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Computer Science and Engineering	21-09- 2020 00:00:00	25-09- 2020 00:00:00	5	30	Onl
9	Technical Training on C Programming	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Computer Science and Engineering	05-07- 2021 00:00:00	09-07- 2021 00:00:00	5	35	Onl
10	Big Data Technologies	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Computer Science and Engineering	05-07- 2021 00:00:00	09-07- 2021 00:00:00	5	33	Onl
11	Recent Emerging Trends in Wireless Communication using IoT	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Electronics and Communication Engineering	07-12- 2020 00:00:00	12-12- 2020 00:00:00	6	38	Off
12	DSP Processors - LDCKC6748	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Electronics and Communication Engineering	05-04- 2021 00:00:00	10-04- 2021 00:00:00	6	42	Off
13	ARM Cortex M4	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Electronics and Communication Engineering	16-11- 2020 00:00:00	21-11- 2020 00:00:00	6	42	Off

14	Android App Development	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Electronics and Communication Engineering	05-04- 2021 00:00:00	10-04- 2021 00:00:00	6	40	Off
15	PCB Design	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Electronics and Communication Engineering	02-11- 2020 00:00:00	06-11- 2020 00:00:00	5	42	Off
16	Introduction to HEV Using MATLAB or SIMULINK	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Electrical and Electronics Engineering	05-04- 2021 00:00:00	09-04- 2021 00:00:00	5	30	Off
17	PCB Design	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Electrical and Electronics Engineering	01-02- 2021 00:00:00	05-02- 2021 00:00:00	5	32	Off
18	DSP Processors- LDCKC6748	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Electrical and Electronics Engineering	19-04- 2021 00:00:00	24-04- 2021 00:00:00	6	32	Off
19	Electrical System Design	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Electrical and Electronics Engineering	15-03- 2021 00:00:00	19-03- 2021 00:00:00	5	36	Off
20	Introduction to Electric Vehicles	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Electrical and Electronics Engineering	18-01- 2021 00:00:00	22-01- 2021 00:00:00	5	32	Off

21	AUTO CAD	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Mechanical Engineering	04-01- 2021 00:00:00	09-01- 2021 00:00:00	6	36	Of
22	Solid Works	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Mechanical Engineering	18-01- 2021 00:00:00	23-01- 2021 00:00:00	6	36	Of
23	ANSYS	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Mechanical Engineering	01-02- 2021 00:00:00	06-02- 2021 00:00:00	6	36	Of
24	CATIA	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Mechanical Engineering	22-02- 2021 00:00:00	27-02- 2021 00:00:00	6	36	Of
25	HYPERMESH	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Mechanical Engineering	08-03- 2021 00:00:00	13-03- 2021 00:00:00	6	36	Of
26	Data Analytics	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Master of Business Administration	04-10- 2021 00:00:00	08-10- 2021 00:00:00	5	30	Of
27	Entrepreneurship	2020-21	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Master of Business Administration	06-12- 2020 00:00:00	10-12- 2020 00:00:00	5	30	Of

28	DATA SCIENCE AND ANALYTICS	2021-22	Short-term Certificate Program	Self Sponsored/Supported	COMPUTER SCIENCE AND ENGINEERING	15-11- 2021 00:00:00	19-11- 2021 00:00:00	5	30	Off
29	BLOCK CHAIN TECHNOLOGY	2021-22	Short-term Certificate Program	Self Sponsored/Supported	COMPUTER SCIENCE AND ENGINEERING	06-12- 2021 00:00:00	10-12- 2021 00:00:00	5	32	Off
30	COBRA PROGRAMMING LANGUAGE	2021-22	Short-term Certificate Program	Self Sponsored/Supported	COMPUTER SCIENCE AND ENGINEERING	17-01- 2022 00:00:00	21-01- 2022 00:00:00	5	35	Off
31	NATURAL LANGUAGE PROCESSING	2021-22	Short-term Certificate Program	Self Sponsored/Supported	COMPUTER SCIENCE AND ENGINEERING	18-04- 2022 00:00:00	22-04- 2022 00:00:00	5	30	Off
32	COMPUTATIONAL THINKING FOR PROBLEM SOLVING	2021-22	Short-term Certificate Program	Self Sponsored/Supported	COMPUTER SCIENCE AND ENGINEERING	16-05- 2022 00:00:00	20-05- 2022 00:00:00	5	32	Off
33	IMAGE PROCESSING WITH MATLAB	2021-22	Short-term Certificate Program	Self Sponsored/Supported	ELECTRONICS AND COMMUNICATION ENGINEERING	08-11- 2021 00:00:00	12-11- 2021 00:00:00	5	30	Off

34	IoT IN HOME APPLICATIONS	2021-22	Short-term Certificate Program	Self Sponsored/Supported	ELECTRONICS AND COMMUNICATION ENGINEERING	13-12- 2021 00:00:00	17-12- 2021 00:00:00	5	35	Off
35	PYTHON PROGRAMMING	2021-22	Short-term Certificate Program	Self Sponsored/Supported	ELECTRONICS AND COMMUNICATION ENGINEERING	03-01- 2022 00:00:00	07-01- 2022 00:00:00	5	30	Off
36	ARDUINO BASED EMBEDDED SYSTEM DESIGN	2021-22	Short-term Certificate Program	Self Sponsored/Supported	ELECTRONICS AND COMMUNICATION ENGINEERING	04-04- 2022 00:00:00	08-04- 2022 00:00:00	5	30	Off
37	PCB DESIGNING	2021-22	Short-term Certificate Program	Self Sponsored/Supported	ELECTRONICS AND COMMUNICATION ENGINEERING	09-05- 2022 00:00:00	13-05- 2022 00:00:00	5	32	Off
38	HOW TO USE EXCEL	2021-22	Short-term Certificate Program	Self Sponsored/Supported	MASTER OF BUSINESS ADMINISTRATION	25-04- 2022 00:00:00	29-04- 2022 00:00:00	5	30	Off
39	EMPLOYEE RETENTION	2021-22	Short-term Certificate Program	Self Sponsored/Supported	MASTER OF BUSINESS ADMINISTRATION	07-03- 2022 00:00:00	11-03- 2022 00:00:00	5	35	Off

40	DC-DC CONVERTERS VOLTAGE LIFT FOR RENEWABLE ENERGY APPLICATIONS	2021-22	Short-term Certificate Program	Self Sponsored/Supported	ELECTRICAL AND ELECTRONICS ENGINEERING	25-10- 2021 00:00:00	29-10- 2021 00:00:00	5	30	Off
41	MATLAB APPLICATIONS IN THE FIELD OF POWER ELECTRONICS AND POWER SYSTEMS	2021-22	Short-term Certificate Program	Self Sponsored/Supported	ELECTRICAL AND ELECTRONICS ENGINEERING	16-11- 2020 00:00:00	20-11- 2020 00:00:00	5	35	Off
42	IoT AND ITS APPLICATIONS IN ELECTRICAL POWER SYSTEMS	2021-22	Short-term Certificate Program	Self Sponsored/Supported	ELECTRICAL AND ELECTRONICS ENGINEERING	14-02- 2022 00:00:00	18-02- 2022 00:00:00	5	30	Off

Section 3: Pre-Incubation and Incubation Infrastructure & Facilities are Currently in Operation to Promote I&E Agenda (AY 2020-21 & 2021-22)

#### 3.1) Existence of Pre-incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Cell/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Sr. No.	Type of the Unit	Name of Unit	ln- charge Name	Contact no	Email	Govt. Schemes
1	Start- Up Cell	Pre- Incubation Center	Mr. Manu Kumar	7907106243	manukumarr@epigesessisedu.com	Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & amp; Growth Stage),Investment - Angel and (or) Venture Capital Fund Support

3.2) E	xistence of Incubation Facili	ty (>= 1500 Sq. Ft. Floor Area)	]		
Sr. No.	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	Institutions Innovation Council	Mr. Nosina Krishna Chaitanya	8019255212	nosinakc@gmail.com	Own Resource

#### 3.3) Existence of IPR Cell / Patent Facilitation Unit / Technology Transfer Centre at the institute

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	IPR Cell	Intellectual Property Rights (IPR)	Mr. Nosina Krishna Chaitanya	8019255212	nosinakc@gmail.com	Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)

# Section 4: Generation and Support of Prototypes / Innovations at HEI and Recognition received (AY 2020-21 & 2021-22)

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020- 21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubation	Awards/ (Nationa level) Re
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Section 5: Start-ups/Ventures Established and Supported at HEI and & Recognitions Received (AY 2020-21 & 2021-22)

5) Total no of Ventures/Startups (Verified and Recommended) are Recorded in the YUKTI National Innovation Repository of the IIC Institute (Status as on 7th November 2022 )

Sr. No.	Startup/Venture Name	Startup/Venture Registered as	CIN No/LLP/OPC/RC No	GST No	FY of Establishment	Startup/Venture Recognized by DPIIT/Startup India	FY of Started Receiving Support from the Incubation unit at the Institute	Team Lead/Founder Name	Current Engagement of Team lead/Founder in Institute	DI of Fc Le
No D	ata Found									
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## Section 6: Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)

- ·		on with Other Incub ovation & Startups	-		-	iations to Strengthen Better Services and
Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on	View
1	Epigenesis Edu Private Limited	Knowledge/Mentoring Agency	THRE	Active	09-03-2021	View (/Uploads/Institute/ARI-C-26852/2021-22/CollaboratExter

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on	View
2	Ladder Survey Institute of Technology	Non Govt. Agency	THRE	Active	03-01-2020	View (/Uploads/Institute/ARI-C-26852/2021-22/CollaboratExter
3	Sree Devi Motors	Corporate/Industry Association	FIVE	Active	10-01-2020	View (/Uploads/Institute/ARI-C-26852/2021-22/CollaboratExter
4	Young Minds Technology Solutions Pvt. Limited	Educational Institute	FIVE	Active	07-09-2020	View (/Uploads/Institute/ARI-C-26852/2021-22/CollaboratExter
5	Young Minds Technology Solutions Pvt. Ltd.	Educational Institute	THRE	Active	08-04-2021	View (/Uploads/Institute/ARI-C-26852/2021-22/CollaboratExter
6	Screening Services Pvt. Limited	Non Govt. Agency	THRE	Active	06-01-2020	View (/Uploads/Institute/ARI-C-26852/2021-22/CollaboratExter
7	CANTER CADD India Private Limited	Educational Institute	тwoo	Active	18-03-2020	View (/Uploads/Institute/ARI-C-26852/2021-22/CollaboratExter

### Section 7: Intellectually Property (IP) Generated and Commercialization

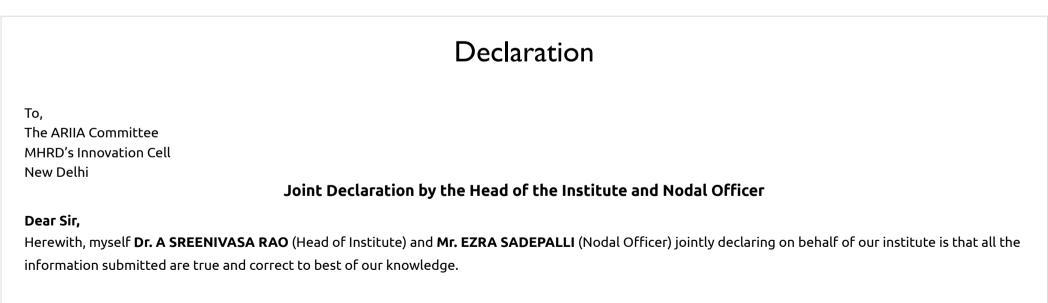
7.	1) IPR Filed and Publis	shed (C	opyrights & Design only	y)	
Sr. No.	Title/Name of IP (Copyright/Design Only)	Туре of IP	IP Registration Number of Copyright/Design	Date of Filed/Published	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
No D	ata Found				

7.2) Paten	ts Filed by HEI		
Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
No Data Found			

7.3	8) Patent Published /	Granted [	Data				
Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
No Da	ata Found						

#### 7.4) IP Commercialized and Transferred to Industry/Startup

Sr. No.	Name of Technology Licenced/Transferred/Commercialized	Technology Type	Patent/Licence Holder name (Institute Co-ownership is Must)	Technology Transferred to	Name of Licensee	Date of Transferred Technology
No D	ata Found					



Thank you

11/18/22, 12:03 PM

The Head of Institute

15/10/22

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Dr. A SREENIVASA RAO, Head of the Institution, Rami Reddy Subbarami Reddy Engineering College, Kavali, Andhra Pradesh

Mr. EZRA SADEPALLI, Nodal Officer, Rami Reddy Subbarami Reddy Engineering College, Kavali, Andhra Pradesh