



**RAMIREDDY SUBBARAMI REDDY
ENGINEERING COLLEGE: KADANUTHALA**

**NH-5, Kadanuthala (Vi), Bogole (Md), SPSR Nellore
(Approved by AICTE and Affiliated to JNTUA, Ananthapur)**

ANNUAL REPORT

ACADEMIC YEAR: 2020-2021

**PRINCIPAL
RAMIREDDY SUBBARAMI REDDY
ENGINEERING COLLEGE
NH-5, KADANUTHALA - 524 142.**

Approved By

Dr. A. Sreenivasa Rao,

Principal.



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Introduction:

Ramireddy Subbarami Reddy Educational Trust, Kavali was setup in the year 2007. Under this trust, Ramireddy Subbarami Reddy Engineering College, Kadanuthala was promoted.

Mr. R PRATAP KUMAR REDDY who is a renowned educationalist and philanthropist is the chairman of the institution. The institution has been built upon a spacious 12 acres campus, aesthetically and articulately designed with lush green landscape with a vision to promote technical education to rural students. It is **located in a pollution free ambience** at Kadanuthala village on NH-16. It is well linked with road transport and is just 14 km South of Kavali town and 40 km North of Nellore city. The HEI is **approved by AICTE**, New Delhi and **affiliated to JNT University Anantapur**. The programs offered by the institution include: CE, EEE, ME, ECE, CSE and MBA. The institution is having an overall student intake of 540 students.

The institute offers safe and friendly environment with a **strong team of well-trained faculty** (including Professors, Associate Professors, Asst. Professors and Supporting Staff). With this motivation, the Students of RSREC bagged three Gold Medals in the years 2012(EEE – K. Lakshmi Prasanna) 2016 (EEE – V. Vani) and 2018(ECE – Irfaz Ahmed). . **Counseling of students** will be taken up for several times in every semester to drive the fear and homesick out of them. Students are actively involved in social activities like 'Blood Donation Camps', 'Awareness Camps', 'Adoption of Villages', 'Plantation Programs' etc., through two clubs viz.: NSS & Rotoract Club.

This report is a documentation of its developments and achievements for the academic year 2020-2021.

Four-year Engineering course and Two-year Management course:

1. Civil Engineering
2. Mechanical Engineering
3. Electrical and Electronics Engineering
4. Electronics and Communication Engineering
5. Computer Science and Engineering
6. MBA

Computer laboratory:

Our institute has full-fledged infrastructure facilities of Computer Laboratory containing numbers of 350 Computer systems with High-speed internet.

Library:

Around 16867 books are available for usage of our students also the Book bank facility has created by the first-year students.

List of students who received first class in University Examinations:

S. No	DEPARTMENT	YEAR	NAME OF THE STUDENT	% OF MARKS
1	CIVIL	II	D.KIRAN KUMAR	73.40%
2	CIVIL	III	SK. IMRAN BASHA	80%
3	CIVIL	IV	M.CHENCHU KRISHNA MOHAN	80%
4	MECH	II	N. AKHIL KUMAR	85.20%
5	MECH	III	P. PRATHAP REDDY	79.00%
6	MECH	IV	S. AKHIL	83.90%
7	EEE	II	A. SOWKHYA	83.38%
8	EEE	III	E. DAYA SANKALP	84.26%
9	EEE	IV	G. SIRISHA	78.35%
10	ECE	II	K. SIREESHA	82.13%
11	ECE	III	P. SRIDEVI	82.41%
12	ECE	IV	N. TEJASWINI	86.70%
13	CSE	II	A. HYNDHAVI	86.17%
14	CSE	III	D.SRILEKHA	81.26%
15	CSE	IV	D.VYSHNAVI	85.34%
16	MBA	II	M.DIVYA	74.39%

Department of Civil Engineering

Certificate courses/Add-On programs are organized to improve the skills of students. Add-On programs are conducted on 'Computer- Aided Design & Drafting', 'Primavera P6', '3D Building design using Revit Architecture', 'STAAD Pro Design Software' and 'SketchUp Software'.

The Department organizes a variety of capacity building and skills enhancement programmes in Soft skills, Language and communication skills, Life skills (Yoga, physical fitness, health and hygiene) and ICT/computing skills.

The MoU is intended to recognize the general basis for a cooperative and a collaborative working relationship between the Institution and Company/Industry. The department is collaborated with 'LADDER SURVEY INSTITUTE OF TECHNOLOGY' and 'CANTER CADD INDIA PRIVATE LTD' to provide internship to students.

Department of Mechanical Engineering

Certificate courses/Add-On programs are organized to improve the skills of students. The Add-On programs are conducted on 'INTRODUCTION TO HEV USING MATLAB & SIMULINK', 'AUTOCAD', 'SOLID WORKS', 'ANSYS' and 'CATIA'.

The Department organizes a variety of capacity building and skills enhancement programmes in Soft skills, Language and communication skills, Life skills (Yoga, physical fitness, health and hygiene) and ICT/computing skills.

The MoU is intended to recognize the general basis for a cooperative and a collaborative working relationship between the Institution and Company/Industry. The department is collaborated with 'Sridevi Motors' and 'CANTER CADD INDIA PRIVATE LTD' to provide internship to students.

Department of Electrical and Electronics Engineering:

Certificate courses/Add-On programs are organized to improve the skills of students. Add-On programs are conducted on 'DSP PROCESSORS-LDCKC6748', 'Introduction to Electric Vehicles', 'Electrical System Design' and 'PCB Design'.

The Department organizes a variety of capacity building and skills enhancement programmes in soft skills, Language and communication skills, Life skills (Yoga, physical fitness, health and hygiene) and ICT/computing skills.

The MoU is intended to recognize the general basis for a cooperative and a collaborative working relationship between the Institution and Company/Industry. The department is collaborated with 'EPIGENESIS EDU PRIVATE LTD' to provide Skill development programmes/ Internships/ Guest Lectures to students.

Department of Computer Science and Engineering:

Add-on programs are organized at the departments for Third year and Final year students. The certificate programs are conducted on 'Object oriented Programming through Java' and 'Big Data'. The add-on programs are conducted on 'Web and Internet technologies', 'Software Quality Assurance'. Technical training program is conducted on "C Programming".

The department is collaborated with "Young Minds technology" to provide the internship to the students of third and final year. The students are capable to enhance their skills through internships. The students have done their internships on 'Big Data', 'Java Programming' and 'Web & Internet technologies'.

The Department organizes a variety of capacity building and skills enhancement programmes in Soft skills, Language and communication skills, Life skills (Yoga, physical fitness, health and hygiene) and ICT/computing skills. Under this programme, the Department conducted Seminar on 'Guidance for Competitive Exams & Career Counseling', 'Seminar on Personality Development Program' and 'One day seminar on Data science'.

Department of Electronics & Communication Engineering:

Certificate courses/Add-On programs are organized to improve the skills of students. Add-On programs are conducted on 'Internet of Things', 'ARM Cortex M4', 'DSP Processors-LCDK6748', 'Android App Development', and 'PCB design'. The Department organizes a variety of capacity building and skills enhancement programmes in Soft skills, Language and communication skills, Life skills (Yoga, physical fitness, health and hygiene) and ICT/computing skills.

The MoU is intended to recognize the general basis for a cooperative and a collaborative working relationship between the Institution and Company/Industry. The department is collaborated with 'YOUNG MINDS TECHNOLOGY SOLUTIONS PVT.LTD' to provide internship to students.

Department of Master in Business Administration:

Add-on programs are organized at the department for first- and second-year students. The Add-On programs are conducted on 'Data Analytics', 'Research Methodology' and 'Fundamentals of digital marketing' for the students.

The department is collaborated with of ASPEYA and Screening Services companies to provide internship for students. The department organizes capacity building and skills enhancement programs and ICT/computing skills to enhance the skills of students.

Skill Development Courses:

Various skill developments for students are organised by the Institution as follows:

- Soft skills-How to Work under pressure
- Soft skills-Student to Professional
- Seminar on Personality Development Program
- Three-day Workshop on "Speaking Skills-To Express Our Thoughts and Feelings"
- A talk on "Writing and Personal Skills"
- Training program on ECAP
- Training program on MS-office
- How to use Google meet/ Zoom
- One day seminar on Data science

PHYSICAL EDUCATION DEPARTMENT:

The College was allotted a National Service Scheme (NSS) Unit by JNTUA. NSS Unit of RSR Engineering College organized various activities like Swatch Bharat, and Awareness program on sports and ethical values to students.

Regularly sports and cultural activities are organized at the institution. All the departments of students were participated actively in competitions. Competitions are being conducted on knockout basis for Boys and Girls.

Competition /programmes conducted

All the departments are joint together and conduct the programme, and organized the competition about Paper Presentation, Model making, Drawing, Critical minute. Finally, we used to distribute the prize winners who have shown their talent and knowledge in this programme.

IQACCELL:

- The list of programs organized under IQAC:

S.NO	Dates (from-to)	Title of the professional development program organized for teaching staff	Title of the administrative training program organized for non-teaching staff	No. of participants
1	03-08-2020 to 07-08-2020	-	Applications of MATLAB/SIMULINK in Electrical Engineering	20
2	24-10-2020	-	Recent Trend in Welding Technology	10
3	14-12-2020 to 18-12-2020	A FIVE DAY FDP ON "VLSI in Image Processing"	-	21
4	27-01-2021 to 2 8-01-2021	Intellectual Property Rights	-	22
5	08-02-2021 to 12-02-2021	A FIVE DAY(Online) FACULTY DEVELOPMENT PROGRAM ON "Role of Artificial Intelligence in Engineering Applications"	-	35
6	01-04-2021	Classroom Etiquette	-	50
7	17-05-2021 to 21-05-2021	Assessment and Accreditation Process of NAAC	-	44

- Under IQAC, Soft skills, Language and communication skills, Life skills (Yoga, physical fitness, health and hygiene), ICT/Computing skills programs are conducted for students to enhance their knowledge.

S.NO	Name of the capacity development and skills enhancement program	Date of implementation (DD-MM-YYYY)
1	A one-day training program on “Web-based learning	16-11-2020
2	Soft Skills - Interview Skills	14-12-2020
3	Yoga for Better Health	08-02-2021
4	Health and Hygienic Life Style	05-04-2021
5	Willingness to Learn and Unlearn	12-04-2021
6	Communication and its implications	21-05-2021
7	Critical thinking	28-07-2021
8	One day seminar on Cloud Computing	21-05-2021

Accreditation & Ranking:

The institute renewed its NIRF data by preparing and submitting it for the second time. The data was collected especially for the academic year 2018-2019 and the same was uploaded in the NIRF portal viz. www.nirf india.org. Data relevant to overall, engineering and management disciplines were uploaded. The institute showed its distinctiveness in engineering discipline. Financial resources were utilized for updating the library, purchase of new equipment for the laboratories and conducting workshops. In addition to this, as per regular practice the institute updated the faculty details as per statutory norms.

ARIIA- Report:

The institute, Ramireddy Subbarami Reddy Engineering College for the first of its kind, planned for uplifting its “Engineering Excellence Through Innovation” by registering with ATAL RANKINGS of INSTITUTIONS on INNOVATION ACHIEVEMENT (ARIIA). This was registered in order to motivate students of the institute get involved in “Innovation” related activities. A framework was designed to carry out the process and a team was setup for accomplishing the concerned task.

A new unit named “STARTUP CELL” was setup in collaboration with “EPIGENESIS EDU Pvt. Ltd, Bengaluru to carry out the innovation activities. Several activities were designed and implemented through collaboration. The data was prepared and submitted for uploading in the ARIIA official portal.

The institute is expecting a rank to be awarded in ARIIA under the category of BAND PERFORMER/ BAND PROMISING.

PLACEMENT AND TRAINING CELL:

- Training Programs are conducted at the Institution level through Placement Cell. The list of programs are as follows:

S.NO	Name of the Training program	Number of students attended
1	Connect with Work	150
2	Training Program on Competitive Coding	120
3	Training Program on Aptitude & English Verbal	120
4	Training Program on Quantitative Aptitude & Logical Reasoning	95
5	Training Program on Programming Skills	95

Students Placed through Placement and Training Cell:

S. No	Name of the Company	No. of Students Placed	Salary per Annum (in lakhs)
1	Sling Media Pvt Ltd	01	723974
2	Valuebound Consulting Services LLP	01	550000
3	BOSCH	01	500000
4	IBM	05	425000
5	ACCENTURE	04	450000
6	COFORGE	01	450000
7	COGNIZANT	02	401988
8	Deloitte	08	395008
9	TCS	03	360000
10	INFOSYS	03	360000
11	Wipro	05	350004
12	Prodapt Solutions Pvt Ltd	05	350000
13	ATOS	01	350000
14	TechMahindra	02	350000
15	Intellect Design Arena Limited	05	350000
16	HCL	04	275000

17	Expleo Solutions Ltd	01	250000
18	Genpact	02	168000
19	Opendoors Fintech Pvt Ltd	01	230028
20	LDR Survey Pvt Ltd	10	120000
21	Wipro Infra (through BSA Skills Corporation Ltd)	15	180000
22	ADMA Solutions Pvt. Ltd.	01	200952

College Bus Facility:

Our college provides safe and secure bus facility to pick-up and drops our students at notified timings and scheduled stops. We have our own fleet of 16 buses designed as per the government norms and manned by trained and skilled drivers. The transport of buses is from Kavali, Allur, Nellore, Atmakur, Vinjamur, Kaligiri, Lakshimpuram, Gudladonna and Bucchi. Buses are also used for student's outings like Campus Placement Drives outside the campus, study tours and industrial visits, NSS programme, etc.

College Hostel Facility:

Rami Reddy Subbarami Reddy Engineering College provides for Excellent Hostel Facilities. There is separate arrangement for both boys and girls. The rooms are spacious and follow rules and regulations for maintaining discipline at the hostel ambience. Resident students are provided furnished accommodation comprising cot, chair, cupboard, internet Wi-Fi, etc. Each hostel is provided with independent dining area and common rooms, TV, etc. Hostel has indoor games facility. Hot and cold drinking water facility is provided in the hostel.

Development of Teachers and Student scheme: (no. of COMMITTEES, CELLS & CLUBS)

List of Nodal Officers/Coordinators/Conveners/Officers for different Bodies are:

S.NO.	NAME OF THE BODY/ORGANIZATION	NODAL OFFICER/ COORDINATOR
1	AISHE (All India Survey on Higher Education)(DCF-II)	B. Jagadeesh Kumar (Asst. Prof. of Maths) Nodal Officer
2	NHERC (National Higher Education Resource Centre)	
3	ICC (Internal Complaints Committee) (Anti-Sexual Harassment Committee)	K. Sreelakshmi (Asst. Prof. of ECE) Presiding Officer (Chairperson)/Convener
4	WPC (Women Protection Cell)	
5	WEC (Women Empowerment Cell)	K. Lakshmi (Asst. Prof. of Maths) Women Ambassador
6	IQAC (Internal Quality Assurance Cell)	Mr. V. Suneel (Asso. Prof. of ECE) Coordinator

7	SWAYAM (NPTEL Local Chapter)	Dr. G. Srinivasu Mentor/ Coordinator
8	NITTTTr (Training for Asst. Profs by NITTT) (As per AICTE norms)	
9	NSS (National Service Scheme)	A. Kiran Kumar (Asst. Prof. of PE) Programme Officer/ Dedicated Faculty/Coordinator
10	UBA (Unnath Bharath Abhiyan)	A. Kiran Kumar (Asst. Prof. of PE) Programme Officer/ Dedicated Faculty/Coordinator
11	GRC(Grievance Redress Committee)	Dr.K.RajaReddy Ombudsman
12	SGRC(Students Grievance Redressal Committee)	Dr. AS Rao (Principal) Chairperson
13	IIPC(Industry-Institute Partnership Cell)	Dr. I. Malyadri (Asso. Prof. of MBA) Coordinator/Memb Sec.
14	SC/ST CELL	M. Kondaiah (Asst. Prof. of ECE) Memb Secretary
15	TPC(Training and Placement Cell)	Mr. A. Mahesh Reddy (Asst. Prof. of MBA) Training & Placement Officer
16	IC(Internships Cell)	Mr. A. Mahesh Reddy (Asst. Prof. of MBA) Training & Placement Officer
17	Alumni association	Dr. I Malyadri Reddy (CO Ordinator)
18	Cultural Club	Mr. K. Hemachandra (Asst. Prof. of English) Coordinator
19	NIRF (National Institute Ranking Framework)	S. Ezra (Asst. Prof. of EEE) Nodal Officer
20	VISAKA (Vittiya Sakshratha Abhiyan)	B. Srikanth (Asst. Prof. of MBA) Nodal Officer/ School Admin
21	EBSB /SB Clubs (Ek Bharath Shrestra Bharath) (Shikshit Bharath)	
22	360DFCRS (AICTE 360 Degree Feedback Capture & Reporting System)	
23	EISC (Entrepreneurship, Innovation and Start-ups Centre)	Dr. CV Subba Reddy (Professor of ME) SPOC/COORDINATOR
24	SIP (Students Induction Programme)	Dr. G. Srinivasu Mentor/ Coordinator
25	VHEP (Vidyanjali Higher Education Programme)	B. Jagadeesh Kumar (Asst. Prof. of Maths) Nodal Officer

26	ARIIA (Atal Ranking of Institutions on Innovation Achievements)	S. Ezra (Asst. Prof. of EEE) Nodal Officer
27	NISP (National Innovation and Startup Policy)	Dr. CV Subba Reddy (Professor of ME) SPOC/COORDINATOR/ President
28	IIC (Institution's Innovation Council)	
29	BCDE (Board of Community Development thr' Education)	A. Kiran Kumar (Asst. Prof. of PE) Programme Officer/ Dedicated Faculty/ Coordinator
30	UHVC (Universal Human Values Cell)	Mr. K. Hemachandra (Asst. Prof. of English) Coordinator
31	IPRFC (Intellectual Property Rights Facilitation Centre)	Dr. N. Krishna Chaitanya (Prof. of ECE) Coordinator

Conclusions:

This year, the institute created sensation in placements by placing the students with a highest pay package of Seven Lakhs INR. The credit goes to management for bringing such placements. The institute at the outset participated in ARIIA rankings of MHRD, India. This is another milestone for moving towards INNOVATION. Providing training and placements to majority of students was taken as a challenge this year and most of the students registered for placements were placed successfully in various MNCs.

The institute has also planned for assessment and accreditation related credits and heading towards NAAC and NBA.