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: 2019-2020

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

Approved By

Dr. A. Sreenivasa Rao,

Principal.

RAMIREDDY SUBBARAMI REDDY ENGINEERING COLLEGE

NH-5, Kadanuthala (Vi), Bogole (Md), SPSR Nellore

(Approved by AICTE and Affiliated to JNTUA, Ananthapur)

ANNUAL REPORT
FOR
ACADEMIC YEAR: 2019-2020

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 ambienc**e 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 2019-2020.

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

Computerlaboratory:

Our institute has full-fledged infrastructure facilities of Computer Laboratory containing numbersof 350Computer systemswithHigh-speedinternet.

Library:

Around 16843 books are available for usage of our students also the Book bank facility hascreatedby thefirst-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	O. TARUN KUMAR	81.36%
2	CIVIL	III	SK. SHEHAJAD	80.17%
3	CIVIL	IV	A. HARI KRISHNA	78.20%
4	MECH	II	S. AKHIL	87.31%
5	MECH	III	N. ANUSHA	83.76%
6	MECH	IV	B. VIJAYAKRISHNA	85.72%
7	EEE	II	K. PRABHAKAR	85.10%
8	EEE	III	K. MANASWI	82.35%
9	EEE	IV	K. VENKATESH	80.39%
10	ECE	II	N. TEJASWINI	91.25%
11	ECE	III	V.VISWA SWATHI	85.47%
12	ECE	IV	L.ANUSHA	80.57%
13	CSE	II	SK. AFZAL BASHA	89.81%
14	CSE	III	CH. SILPA	83.88%
15	CSE	IV	SD. AFRIN	81.65%
16	MBA	II	CH. CHANDANA	76.73%

Department of Civil Engineering

Certificate courses/Add-On programs are organized to improve the skills of students. Add-On programsare conducted on'Construction Project Scheduling using MS Project', 'Revit Architecture ', 'SketchUp Software ', 'STAAD Pro' and 'AutoCAD '.

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 MODERN QUALITY CONTROL LABS AND CONSULTANCY and SRI DWARAKA SAI CONSTUCTION INDIA PVT 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 'AUTOCAD', 'SOLID WORKS', 'CATIA' and 'TURNING -NC CONTROL PROGRAM '.

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 CANTERCADD, Nellore 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 'INTERNET OF THINGS AND ITS APPLICATIONS', 'DSP PROCESSORS-LDCKC6748', 'AN INTRODUCTION TO SCADA SYSTEMS'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 Takeoff Groupto provide internship to students.

Department of Computer Science and Engineering:

Add-on programs are organized at the departments for second, third and final year students. The certificate programs are conducted on 'Web and InternetTechnologies' and 'Software Testing '. The add-on programs are conducted on'Cloud Application development foundations 'and 'Python Programming'. Technical training program is conducted on "JAVA 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-LCDKC6748', '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 Takeoff GroupCompany 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-Onprograms are conductedon'Data Analytics ', 'Research Methodology' and 'Fundamentals of digital marketing' for the students.

The department is collaborated with ASPEYA company 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. women.

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	21-08-2019 to 22-08-2019	Two-Day FDP on "Smart Grid Technology"		20
2	08-12-2019 TO 12-12-2019	A FIVE-DAY FACULTY DEVELOPMENT PROGRAM ON "SPSS"		29
3	09-12-2019 to 13-12-2019	A FIVE-DAY SHORT-TERM TRAINING PROGRAM ON "LINUX Programming and Scripting"		25
4	16-12-2019 to 18-12-2019		MS OFFICE	12

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

S.NO	Name of the capacity development and skills enhancement program	Date of implementation
1	A one-day training program on ECAP	04-10-2019
2	Seminar on Personality Development Program	14-10-2019
3	A one-day training program on MS-office	14-11-2019
4	How to Work under pressure	30-12-2019
5	A talk on "Writing and Personal Skills"	03-02-2020
6	Three-day Workshop on "Speaking Skills-To Express Our Thoughts and Feelings"	04-02-2020 to 06-02-2020
7	Student to Professional	17-02-2020
8	One day seminar on Data science	02-04-2020
9	How to use Google meet/ Zoom	15-04-2020

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.

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	Training Program on Quantitative Aptitude	120
2	Training Program on Logical Reasoning and Verbal Ability	120
3	Training Program on Programming Skills	120
4	Training Program on Infosys Model Questions	120
5	Training Program on Aptitude	160

Students Placed through Placement and Training Cell:

S. No	Nameofthe Company	No.ofStudentsPlaced	SalaryperAnnum (inlakhs)
1	Wipro	02	350000
2	CTS	02	350000
3	L-Cube Innovative Solutions Pvt Ltd	03	260000
4	Savantis Solutions	14	216000
5	Mahavir Group	22	180000
6	LDR Survey Pvt Ltd	10	180000
7	HCL	01	275000

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 16buses designed as per the government norms and manned by trained and skilled drivers. The transport of busesis from Kavali, Allur, Nellore, Atmakur, Vinjamur, Kaligiri, Lakshimipuram, 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 OFTHEBODY/ORGANIZATION	NODALOFFICER/ COORDINATOR
1	AISHE (All India Survey on Higher Education)(DCF-II)	B. Jagadeesh Kumar (Asst.Prof.ofMaths) NodalOfficer
2	NHERC (National Higher Education Resource Centre)	
3	ICC (InternalComplaintsCommittee) (Anti-Sexual Harassment Committee)	K. Sreelakshmi (Asst.Prof.ofECE) Presiding Officer (Chairperson)/Convener
4	WPC (WomenProtectionCell)	
5	WEC(WomenEmpowermentCell)	K.Lakshmi (Asst. Prof. of Maths)WomenAmbassador
6	IQAC(InternalQualityAssuranceCell)	Mr.V.Suneel (Asso.Prof.ofECE)Coordinator
7	SWAYAM (NPTELLocalChapter)	Dr. G. Srinivasu Mentor/ Coordinator
8	NITTT (Training for Asst. Profs by NITTT) (As per AICTE norms)	
9	NSS (National Service Scheme)	A. Kiran Kumar (Asst. Prof. of PE) Programme Officer/ DedicatedFaculty/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	IPRFC (Intellectual Property Rights Facilitation Centre)	Dr. CV Subba Reddy (Professor of ME) Coordinator
19	Cultural Club	Mr. K. Hemachandra (Asst. Prof. of English) Coordinator
20	NIRF (National Institute Ranking Framework)	S. Ezra (Asst. Prof. of EEE) Nodal Officer
21	SIP (Students Induction Programme)	Dr. G. Srinivasu Mentor/ Coordinator
22	VISAKA (Vittiya Sakshratha Abhiyan)	B. Srikanth (Asst. Prof. of MBA) Nodal Officer/ School Admin
23	EBSB /SB Clubs (Ek Bharath Shrestra Bharath) (Shikshit Bharath)	
24	360DFCRS (AICTE 360 Degree Feedback Capture & Reporting System)	
25	EISC (Entrepreneurship, Innovation and Start-ups Centre)	Dr. CV Subba Reddy (Professor of ME) SPOC/CoOrdinator

Conclusions:

This year reminds the upliftment activities conducted through IQAC cell. As a result, the placements are improved and the no. of students placed also increased. NIRF data is updated and submitted. Workshops organized to students show the zeal of the institution in personal development of each and every student.