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: 2018-2019

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 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 Gold Medals in the years 2012(EEE – K. Lakshmi Prasanna) and 2016 (EEE – V. Vani). Another gold medal this year was awarded to 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 2018-2019.

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 16665 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	P. PENCHALA REDDY	81.44%
2	CIVIL	III	A. HARI KRISHNA	74.09%
3	CIVIL	IV	B. SRINAVEEN	75.56%
4	MECH	II	N. ANUSHA	82.75%
5	MECH	III	B. VIJAYAKRISHNA	80.41%
6	MECH	IV	M.BHANUSANKAR	87.08%
7	EEE	II	CH. MAHESWARI	88.25%
8	EEE	III	D.NISHITHA SAI	82.00%
9	EEE	IV	G.V. NAVEENA REDDY	85.56%
10	ECE	II	K. SHASHMITHA LAKSHMI	89.19%
11	ECE	III	B. ANITHA	90.56%
12	ECE	IV	CH. SREE LEKHA	90.56%
13	CSE	II	CH. SILPA	88.13%
14	CSE	III	V.MONIKA	82.09%
15	CSE	IV	L.SRAVANI	80.32%
16	MBA	II	B. ANUSHA	80.42%

Department of Civil Engineering

Certificate courses/Add-On programs are organized to improve the skills of students. Add-On programsare conducted on '.'Project management using MS Project', 'Quantity Surveying using QE pro', 'Sketch Up', 'STAAD Pro Design Software' and 'AutoCAD 2d planning'.

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 Samhita Builders Private Limited, Citadel Architects and Engineers and Ladders Survey Institute of Technology 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 Sree Devi Motors, Kavali 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 HIEE, Hyderabad to 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 'Software Testing'. The add-on programs are conducted on'Google ANDROID Developer fundamentals', 'Python Programming', and 'PHP and MYSQL. 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 'Software testing', 'Data ware Housing and mining', 'Java Programming' and 'Software Testing'.

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 'Soft skills-Interview skills', 'Communication and its Implication' and 'Artificial Intelligence'.

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 and Its Applications', '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 Group Company 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'TALLY ', 'STRESS MANAGEMENT' 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.

Skill Development Courses:

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

- Program on 'A Gateway to Success'

- Networking & being open for Knowledge Exchange

- Skill Development Program on Personality Development Through Life Enrichment Skills

- Two-Day training program on "Telephone Etiquette-Training Program"

- Training program on MS-word

- Training program on ECAP

- Three-Day program on "Listening Skills-To conflict resolution".

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, Awareness on purification of drinking water in villages, Tree plantation, awareness on enrollment of dropouts in schools, Conservation of rain water and awareness on water pits and Awareness program on sports and ethical values to children.

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 men & women.

The list of events conducted for students are:

Name of the event/activity	Date of event/activity
RSR volley ball tournament [Boys]	05-11-2018
RSR Chess tournament (Boys)	06-11-2018
RSR Chess tournament (Girls)	07-11-2018
RSR throw ball tournament [Girls]	10-11-2018
RSR Shuttle tournament [Boys]	23-11-2018
RSR Shuttle tournament [Girls]	24-11-2018
RSR Premier League3-cricket	16-02-2019
RSR Youth Carnival	29-03-2019

Competition /programmes conducted

All the departments are joined together and conducted several programs, and organized the competitions about Paper Presentation, Model making, Drawing, Critical minute.Finally, we used to distribute the prize winners who have shown their talent and knowledge in thisprogramme.

IQAC CELL:

The list of programs organized under IQAC:

S.NO	Dates (from-to)	Title of the professional development program organised for teaching staff	Title of the administrative training program organised for non-teaching staff	No. of participants
1	23-07-2018 to 24-07-2018	DSP Processors	-	26
2	11/10/2018	-	Recent Trend in Welding Technology	10
3	29-10-2018 to 30-10-2018	MATLAB	-	04
4	10-12-2018 to 14-12-2018	A FIVE-DAY SHORT-TERM TRAINING PROGRAM ON "Big Data and Hadoop Technologies	-	32

- 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	One day Seminar on 'Skill Development Program on Personality Development Through Life Enrichment Skills'	27-07-2018
2	Two-Day training program on "Telephone Ettiquette-Training Program"	10-09-2018 to 11-09-2018
3	A one-day training program on MS-word	14-09-2018
4	One day seminar on 'Empowering the students for creating better future through emerging technologies'	18-09-2018
5	A Gateway to Success	20-09-2018
6	A one-day training program on ECAP	10-04-2019
7	Networking & being open for Knowledge Exchange	28-01-2019

Accreditation & Ranking:

For the first time, the institute, Ramireddy Subbarami Reddy Engineering College prepared and submitted the data for National Institute Ranking Framework (NIRF). This data was exclusively collected for the academic year 2017-2018. Data was uploaded in the NIRF portal in three various disciplines viz. Overall, Engineering and Management respectively. The institute highlights its ability in arranging/conducting the workshops. In addition to this, the faculty details are also uploaded. The institute adheres to the central norms on budget, capital and operational expenditure, faculty allocation on academic activities and resources are mentioned as special accomplishments in NIRF data submission.

PLACEMENTANDTRAININGCELL:

➤ 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	A Training Program on Aptitude	105
2	A Training Program on Verbal Ability and Logical Reasoning	105
3	A Training Program on Personality Development and Communication Skills	105
4	A Workshop on Cyber Security	120
5	A Workshop on NI LabView	120

Students Placed through Placement and Training Cell:

S. No	Name of the Company	No.of Students Placed	SalaryperAnnum (inlakhs)
1	TCS	02	336875
2	Savantis Solutions	10	183000
3	Automotive Manufacturers Pvt. Ltd.	05	180000
4	Justdial	06	240000
5	Inzi Controls India Limited	05	150000

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 11buses designed as per the government norms and manned by trained and skilled drivers. The transport of buses is from Kavali, Allur, Nellore, Atmakur and Vinjamur. 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 (Internal Complaints Committee) (Anti-Sexual Harassment Committee)	K. Sreelakshmi (Asst.Prof.ofECE) Presiding Officer (Chairperson)/Convener
4	WPC (Women Protection Cell)	
5	WEC(Women Empowerment Cell)	K.Lakshmi (Asst. Prof. of Maths)WomenAmbassador
6	IQAC(Internal Quality Assurance Cell)	Mr.V.Suneel (Asso.Prof.ofECE)Coordinator
7	SWAYAM (NPTEL Local Chapter)	Dr. G. Srinivasulu Mentor/ Coordinator
8	NITTTr (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 Institutional Ranking Framework)	S. Ezra (Asst. Prof. of EEE) Nodal Officer

Conclusions:

This year is really remarkable and makes the institute stand as a pioneer since our student, 2018(ECE – Irfaz Ahmed). Won the university gold medal. Also, the institute stood competitive in the global world with the registration in National Institutional Ranking Framework (NIRF) portal. The data was uploaded successfully. Keeping the same spirit, certain communication skill development programs were organized to uplift student's vocabulary and speaking skills.

Let us continue the same in the next year.