



Rajiv Gandhi University of Knowledge Technologies RK Valley



**ANNUAL REPORT
2015-16**

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Message from the Director



Prof. G. Bhagavannarayana
Director

RGUKT RK Valley has scaled great heights since its inception in 2008 and is steadily progressing towards excellence. Since the day I took over as the Director of the Institute, I have been overwhelmed to witness the effectiveness with which the entire staff has dedicated itself to the progress of the University and the students who leave no square of opportunity to display their aptitude and intelligence. Equipped with state-of-art laboratories and modern infrastructure we aim at providing a holistic engineering education and to develop talented manpower for a brighter tomorrow. All possible steps are being taken to impart quality education and to get high-end jobs for every student of the Institute.

Message from the Administrative Officer (I/C)



Prof. E. Viswanatha Reddy
Administrative Officer (I/C)

I have been a part of this great institution in different capacities and I have witnessed it grow by leaps and bounds in a short span of 8 years. As the Administrative Officer (I/C) now I am fulfilling the mission of changing the landscape of this Institute into a student-centric one and to deliver the best of education to the students. We have already instituted construction of new Academic Blocks, Staff Quarters etc. The Central Library building will soon be operationalized to act as resource centre for all academic materials. We are utilising all available resources effectively to scale the dynamics of the modern world. I feel immense pleasure as I see students pass out in flying colours and wish the same to continue in future.

The University

Rajiv Gandhi University of Knowledge Technologies (RGUKT) was established in 2008 by the Andhra Pradesh Government vide Act. 18 Of 2008 as a full-fledged University which would admit roughly the top 1% of the rural students from within the state into the three residential Institutes located at Basara (Adilabad Dt.), Nuzvid (Krishna Dt.) and RK Valley (YSR Kadapa Dt.). Consequently, the first batch of about 6,500 students got admitted into a unique Six-year Integrated Program (PUC + B.Tech.) in August 2008 based on their merit at Class 10th level in the three Institutes. Post State Bifurcation in 2014, RGUKT was reorganized as **RGUKT Andhra Pradesh** with its two constituent Institutes at **Nuzvid** and **RK Valley** and were granted Autonomous Status with effect from August, 2014.

The key educational objective of RGUKT is to use advances in learning sciences and explore the use of modern cognitive science tools in education and learning by using an intuitive mix of IT capabilities. Phrases such as "**Learning by Example**", "**Learning by Doing**", "**Problem-Based Learning**", "**Self-Paced Learning**", etc. have been the foundation pillars of the University and its constituent Institutes and have played a vital role in achieving the below mentioned objectives.

Objectives:

- To reinforce core values of integrity, respect for all, and care for environment.
- To disseminate and advance knowledge in the emerging fields such as Information Technology, Nanotechnology, etc.
- To make special provisions for integrated courses including Humanities, Social Sciences and other interdisciplinary areas to impart broad-based education including soft skills.
- To function as a resource centre for knowledge management and entrepreneurship development in the emerging technologies.
- To establish close linkage with industry to make teaching and research at the institutes relevant to the needs of the economy, at national and global levels.

The Institute

RK Valley Institute is located in YSR Kadapa Dt. in the Rayalaseema region of Andhra Pradesh amidst the scenic Schechalam Hills. The lush green campus is well suited to providing a synergy of natural environment and quality knowledge and hence developing a student to actualize his/her potential. The Institute has developed at a very fast pace and today is well equipped with departmental buildings, hostels and other infrastructure necessary to impart high quality Technical education. RK Valley will be the study center for newly established Institute at Ongole (Estd. 2016) till the latter's infrastructure comes up.

Every student in the Institute is provided with a laptop for enabling ICT enabled education to be imparted effectively. All classrooms are well equipped with teaching aids like Projectors, Speakers, LAN/WAN connectivity and the Institute is in process to make the campus fully Wi-Fi and to provide Air-conditioning facilities pan campus. The Institute houses State-of-Art Laboratories making it one of the youngest Technical Institutions in the country to have such infrastructure. The Institute provides every student with free Uniforms, Shoes, Cots, Mattress, and Blankets etc. right at the point of entry in the Institute.

Area	354.46 acre
Academic Departments	15
Total Student Strength	5599* (*admitted till 2015)
Visiting Faculty	4
Teaching Staff	134
Non-Teaching Staff	94
Outsourced Staff	57
Classrooms	188
Hostels & Mess	4 Girls Hostel, 6 Boys Hostel, 6 Mess
Staff Quarters	218

Table 1: Institute Statistics

The Institute houses all necessary facilities including a Bank Branch, Post Office, Hospital, Bus conveyance facility, Staff Recreation Club etc. thereby hosting an entire supporting ecosystem for long term sustenance and success.

Institute Organization

Governing Council

The Governing Council (GC) is the Apex Administrative body of the University and is headed by the Chancellor of the University. All key policy and strategic decisions are discussed in the GC and are binding on both the constituent Institutes at RK Valley and Nuzvid and the two newly established Institutes at Ongole and Srikakulam.

S. No.	Name	Designation
1	Prof. D. Raj Reddy Chancellor, RGUKT AP	Chairman
2	Prof. L. Venugopal Reddy Chairman, APSCHE	Member
3	Sri P.S. Pradyumna (IAS) Secretary to Govt., IT & C Department, Govt. of AP	Member
4	Smt. Sumita Dawra (IAS) Principal Secretary to Govt., Higher Education Department, Govt. of AP	Member
5	Prof. B. Uday Desai Director, IIT Hyderabad	Member
6	Prof. P. J. Narayan Director, IIIT Hyderabad	Member
7	Prof. M. Venkateswarlu Director & Head, CETLS, IIIT Hyderabad	Member
8	Prof. R. Govindarajulu Registrar, IIIT Hyderabad	Member
9	Prof. Venkat Dasu Director, RGUKT Nuzvid	Member
10	Prof G. Bhagavannarayana Director, RGUKT RK Valley	Member
11	Maximum of 3 Eminent Persons Nominated by the Chancellor	
12	Prof. P. Vijaya Prakash Vice-Chancellor(I/C), RGUKT AP	Convener

Table 2: Governing Council

Executive Committee

The Executive Committee (EC) is established at each Institute level which takes regular administrative decisions with regards to each Institute. The EC for RK Valley Institute is

composed of eminent Academicians and people from Administration who effectively supervise and lead the Institute.

S. No.	Name	Designation
1	Prof. P. Vijaya Prakash Vice-Chancellor(I/C), RGUKT AP	Chairman
2	Prof. M. Venkateswarlu Director & Head, CETLS, IIIT Hyderabad	Member
3	Prof. R. Govindarajulu Registrar, IIIT Hyderabad	Member
4	Prof. K. Lal Kishore Former Vice Chancellor, JNTU Anantapur	Member
5	Prof. Ibrahim Khan Former Director, RGUKT Nuzvid	Member
6	Prof G. Bhagavannarayana Director, RGUKT RK Valley	Member
7	A Nominee of IT & C Department, Govt. of AP	
8	Prof. V. Venkaiah Former Vice-Chancellor, Krishna University	Special Invitee and Advisor to RGUKT AP
9	Prof. E. Viswanatha Reddy Administrative Officer(I/C), RGUKT RK Valley	Convener

Table 3: Executive Committee

Board of Studies

The Board of Studies (BoS) of RK Valley Institute is the key decision making body with regards to designing the Academic Curriculum. The Institute follows one of the most unique pedagogical systems to impart holistic Engineering education.

1	Prof. P. Vijaya Prakash Vice-Chancellor, RGUKT AP	Chairperson
2	Prof. G. Bhagavannarayana Director, RGUKT RK Valley	Member
3	Prof. M. Venkateswarlu Director, CETLS, IIIT Hyderabad	Member
4	Prof. V. Venkaiah Advisor, RGUKT AP	Member
5	Subject Experts (6-10 members) Nominated by the Director	Member

Table 4: Board of Studies

Apex Committee

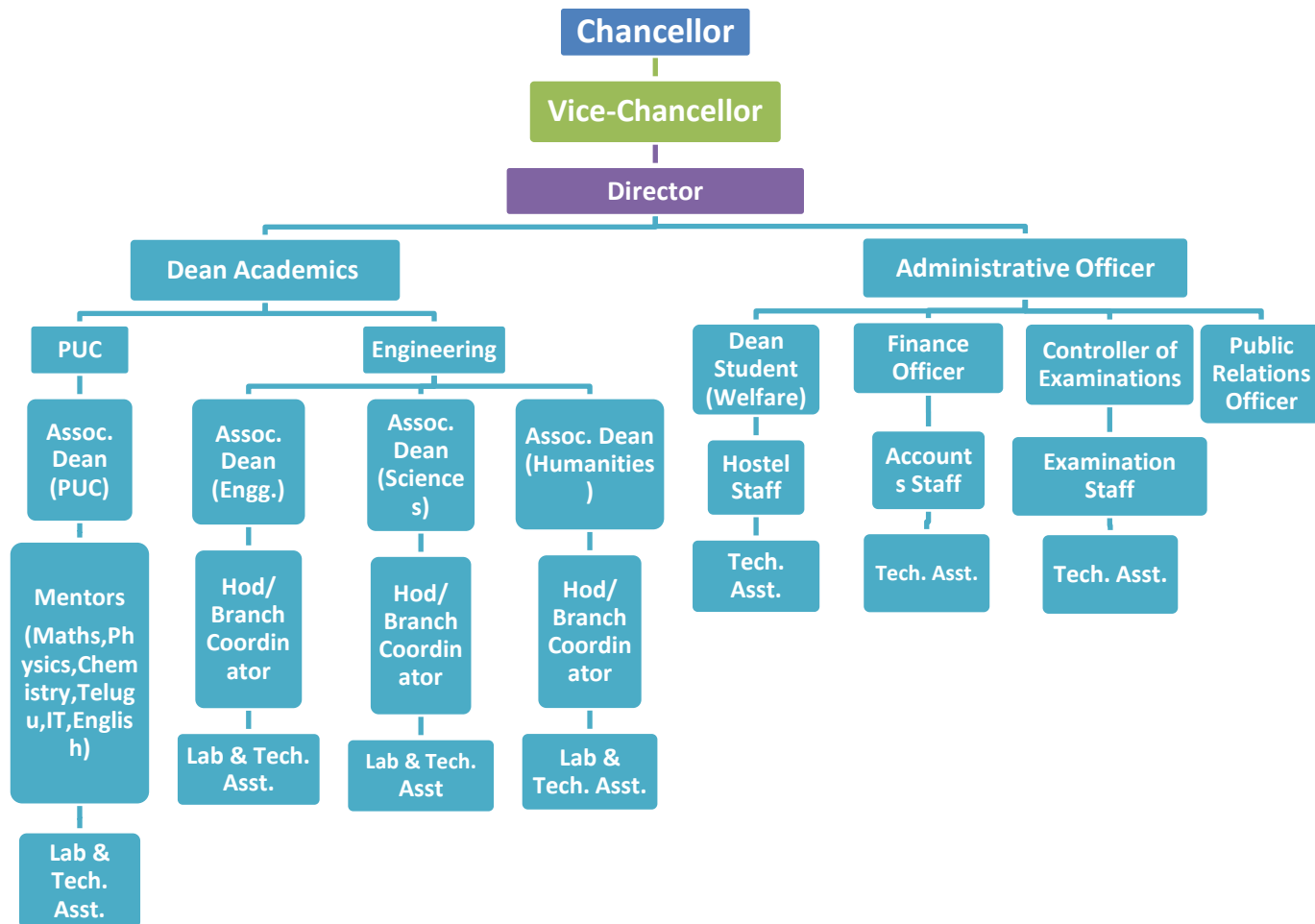
The Apex Committee is a special committee constituted to examine important issues before they are placed in EC for approval and ratification.

1	Prof. P. Vijaya Prakash Vice-Chancellor, RGUKT AP	Member
2	Prof. M. Venkateswarlu Director, CETLS, IIIT Hyderabad	Member
3	Prof. V. Venkaiah Advisor, RGUKT AP	Member

Table 5: Apex Committee

Administration

The hierarchical structure of Institute administration is as follows:



The Institute administration is well structured to maintain an adequate mix of centralized and decentralized decision making with powers and responsibilities distributed at different levels of Institute hierarchy. The prime officers of the Institute comprise of:

Name	Designation
Prof. Raj Reddy	Chancellor
Prof. P. Vijaya Prakash	Vice-Chancellor
Prof. G. Bhagavannarayana	Director
Prof. E. Viswanatha Reddy	Administrative Officer
Prof. K. Venugopal Reddy	Dean (Academics)
Prof. K. L. N. Reddy	Finance Officer
Prof. B.N.L Narasappa	Dean (Student Welfare)
Dr. S. Amarendra Kumar	Controller of Examinations and Chief-Coordinator, Infrastructure Planning and Support
Dr. B. Konda Reddy	Associate Dean (Academics)
Mr. Abdul Aziz Md.	Associate Dean (Academics)
Dr. A. J. Roger Binny	Academic Coordinator (PUC)
Mr. J. Chandra Reddy	Asst. Controller of Examinations
Mr. Y. Dinesh Reddy	Asst. Controller of Examinations
Ms. M. Koteshwari	Associate Dean (Student Welfare)
Dr. G. Thirupathi Reddy	Admissions Coordinator and Examinations Coordinator (PUC)
Mr. Sidharth Singh	Public Relations Officer and IQAC Coordinator
Mr. K. Mohanakrishna Chowdhary	Stores and Purchase Coordinator
Mr. K. R. Sekhar Reddy	Security Officer
Mr. M. Bhaskariah	NSS Coordinator
Director's Secretariat	
Mr. G. Mallikarjuna	PA to Director
Mr. P. Radhakrishnaiah	
Administrative Officer's Secretariat	
Mr. Panyam Sreenivasulu	PA to Administrative Officer

Table 6: Administration

Committees (Internal)

In order to streamline the functioning of the Institute and also to make the administrative setup more effective, the following committees were setup to look into all diverse aspects

of the day to day functioning of the Institute as well as to suggest future courses of action. The committees are well composed with adequate representation from Minority Communities, Women and members from Society, Industry, Academia and NGOs etc.

S. No.	Committee
1	Finance Committee
2	Technical Committee
3	Purchasing Committee
4	Works Committee-Engineering/Technical
5	Infrastructure Planning and Support Committee
6	Admissions Committee
7	Quarters Allotment Committee
8	Mess Committee
9	Anti-Ragging Committee
10	Task Force Committee (for Student Distress)
11	Internal Committees (Event Specific)
12	University Ombudsman
13	Disciplinary Committee
14	Student Grievance Committee
15	Academic Grievance Committee
16	Faculty/Staff Council
17	Student Council
18	Peace Committee
19	Parents' Committee

Table 7: Committees

Centers and Cells

In order to coordinate specialized activities within the Institute, centers and cells have been established which include:

S. No.	Centers and Cells
1	Career Development and Placement Cell (CDPC)
2	Internal Quality Assurance Cell (IQAC)
3	R&D and Consultancy Cell
4	International Desk
5	Entrepreneurship and Incubation Cell* <i>(*In-process)</i>

Table 8: Centers and Cells

Academic Programs

The Institute offers two courses presently:

1. **Six-year Integrated Program (PUC+ B.Tech.) for fresh SSC passed out students.**
2. **M.Tech. Program in Computational Engineering for GATE qualified students.**

Six-year Integrated Program (PUC+ B.Tech.)

The Six-year Integrated Program comprises of a 2-year Pre-University Course (PUC) recognized by the Board of Intermediate Education, Govt. of Andhra Pradesh equivalent to that of 2-year Intermediate course in Govt. of Andhra Pradesh and a 4-year Engineering Course in Bachelor of Technology (B.Tech.). It finally leads to a B.Tech. Degree in the following branches:

- a) **Chemical Engineering (CHE)**
- b) **Civil Engineering (CE)**
- c) **Computer Science and Engineering (CSE)**
- d) **Electronics and Communication Engineering (ECE)**
- e) **Mechanical Engineering (ME)**
- f) **Materials and Metallurgical Engineering (MME)**

The University imparts a broad based education to the students by supplementing Engineering curriculum with courses in Humanities, Management and Fine Arts. The University also lays emphasis on Physical Education and other Extra-curricular activities for a holistic development of the students.

Selection Procedure is based on **“Local Best Model”**, a unique selection mechanism which takes students from Rural Mandals of Andhra Pradesh on Percentage Marks at SSC or equivalent examination after 10th Class. The seats available to a Mandal are allocated to OC, BC, SC, and ST according to the reservation norms and fractional seats are rounded up or down to assign integer number of seats to each category. Fractional seats at Mandal level are aggregated to the district level and the best students at the district level are selected to fill the unallocated seats in each reservation category. One-third of the seats are reserved for women candidates in each category OC/SC/ST/BC/PH/CAP. 85% of total seats are reserved for local candidates (Andhra Pradesh) and the remaining 15% of the seats are open to students of Andhra Pradesh and Telangana as per State Govt. Norms.

Students of other states, children of Indians working in Gulf countries/International/NRI Students are eligible for admission in supernumerary seats (under unrepresented Mandals with at least one seat for each Mandal).

M.Tech. Program in Computational Engineering

This course has been designed incorporating Advanced Computing Techniques and Tools to suit the people seeking Teaching /Research Career in Computational Engineering competing with world class curriculum. An interdisciplinary M.Tech program in Computational Engineering offering specialization in core branches like Chemical Engineering/ Civil Engineering/ Computer Science & Engineering/ Electronics and Communication Engineering/ Mechanical Engineering/ Metallurgical& Material Science Engineering. Only engineering students from core branches having 60% and above and having qualified GATE exam are selected in order of merit and who successfully complete seven weeks "Introductory course in computing" with "A" grade or 80% marks are selected for pursuing the M.Tech. Program. Students from outside the state can also apply as per the AP Govt. norms.

Examination System

Exam pattern (2008-09 to 2014-15)

Examination Section at the Institute was established in the year 2008 and it functioned as a part of Centralized Examination System located at University HQ, IIIT Hyderabad. It became Autonomous from the AY 2015-16. Before AY 2015-16 the examinations were conducted as WAT (Weekend Assessment Test), MAT (Monthly Assessment Test) and EST (End Semester Test) wherein 9 WATs (Each test for 10 marks) were conducted from which best of 7 were considered and 10 marks of weightage was given to them, 3 MATs (Each test for 15 marks) were conducted from which best of 2 were being considered and 30 marks of weightage was given, finally EST for 60 marks was conducted with full weightage to sum up to total score of 100.

Exam pattern (2015-16 to till date)

The examination system was revised in the AY 2015-16 and a new system was proposed. In the new system of examination, beginning from AY 2015-16, WATs have been cancelled and now the system comprises of 3 MID examinations and one EST of 60 marks weightage have been proposed with the following components:

i. Monthly Assessment Tests (weightage 40%)

3 MIDs will be conducted, from which best of two will be considered. The exam is a paper based subjective written test.

ii. End Semester Examination (weightage 60%)

1. Computer based objective online tests (20% weightage).
2. Paper based subjective written test (40% weightage).

Examination will be conducted for 100 marks (40 for MID+60 for EST) in each Subject as well as in Laboratories.

Grading System

After consolidating the marks, cut-offs will be drawn for each subject individually. As per the guidelines, the failure % in a subject should not be more than **20**. And the grades % should be: **Ex-05%, A-20%, B-25%, C-20%, and D-10%** following a Normal Distribution. Since we follow the relative grading, the lower cut off margin is not fixed. Students are awarded **Ex, A, B, C, D, and R** grades where:

Ex – Best grade, **D**- Least grade and;

R- Remedial/Fail

Those who do not score cut off marks in a subject they will be awarded **R** grade in that particular subject.

Once the grading is done, then the SGPA (Semester Grade Point Average)/CGPA (Cumulative Grade Point Average) will be calculated based on the credits of the subjects and the grade obtained.

Remedial Examination

Student who gets **R** grade in a subject will be given one more chance to clear that subject. The grade secured in remedial examination will be awarded followed by an asterisk symbol (*) in the superscript. **However the grade of such students will be lowered down by one grade i.e. if a student gets a 'B' grade it will be reduced to a 'C' grade.**

Faculty

The Institute comprises of 6 Engineering Departments, Basic and Applied Sciences Department, Humanities, Management and IT Department that serve the academic needs of around 5600 students on campus.

S. No.	Name	Department	Designation
1	PROF. E. VISWANATHA REDDY	Telugu	Visiting Professor
2	PROF. K. VENUGOPAL REDDY	Chemistry	Visiting Professor
3	PROF. KLN REDDY	Economics and Management	Visiting Professor
4	PROF. BNL NARASAPPA	Physics	Visiting Professor
1	Dr. S. AMARENDRA KUMAR	Civil	Assoc. Prof.
2	Mr. DAUNDKAR RAMESH KAILAS	Civil	Asst. Prof.
3	Mr. M. RUPAS KUMAR	Civil	Asst. Prof.
4	Mr. RAMA KRISHNA MUNI	ECE	Asst. Prof.
5	Mr. CHANDRA SHEKAR N	CSE	Asst. Prof.
6	Mr. RATNAKAR NUTENKI	EEE	Asst. Prof.
7	Dr. BOGALA KONDA REDDY	ME	Asst. Prof.
8	Mr. T. CHANDRASHEKER	CSE	Asst. Prof.
9	Ms. MEENAKSHI DEVI PARRE	ME	Asst. Prof.
10	Mr. VENKATESU U.	ME	Asst. Prof.
11	Mr. K. DINESH REDDY	ME	Asst. Prof.
12	Mr. B IMRAN SHAREEF	ME	Asst. Prof.
13	Mr. SUDHAKAR REDDY	ECE	Asst. Prof.
14	Mr. S. CHANDRASEKHAR	CSE	Asst. Prof.
15	Dr. S MAHABOOB JILANI	MME	Asst. Prof.
16	Dr. G. BHANU KIRAN	ME	Asst. Prof.
17	Dr. G. RAMESH	MME	Asst. Prof.
18	Mr. MERUGU SIVA RAMA KRISHNA	EEE	Asst. Prof.
19	Ms. DSVJP M KOTESWARI	Chemical	Asst. Prof.
20	Mr. Y. ARUN KUMAR REDDY	ECE	Asst. Prof.
21	Mr. A. RAM BHUPAL REDDY	Civil	Asst. Prof.
22	Mr. MOHAN KRISHNA CHOWDARY	ME	Asst. Prof.
23	Mr. G. VENKATESH	Civil	Asst. Prof.
24	Mr. RATNAKUMARI CHALLA	CSE	Asst. Prof.
25	Mr. V NAGA PRASAD	Mechanical	Lecturer
26	Mr. LAKSHMANA NAIK R	Chemical	Lecturer
27	Mr. M. BHASKARAIHAH	Physics	Lecturer

28	Dr. P JUSTIN	Chemistry	Lecturer
29	Dr. BAL GOVIND TIWARI	Physics	Lecturer
30	Dr. NARNI NAGESWARA RAO	Mathematics	Lecturer
31	Mr. H. SESHAGIRI RAO	Chemistry	Lecturer
32	Mr. VINEET SHARMA	Physics	Lecturer
33	Mr. MEDEPALLI SANTHA RAJU	Mathematics	Lecturer
34	Mr. P. SUNIL KUMAR	Mechanical	Lecturer
35	Mr. NAGA RAJU DANDUBOINA	Mechanical	Lecturer
36	Mr. VIVEK KUMAR	Chemical	Lecturer
37	Ms. DEEPIKA BALA	Physics	Lecturer
38	Mr. SARAVANAKUMAR J	Civil	Lecturer
39	Mr. VIJAY PRAKASH CHAUDHARY	MME	Lecturer
40	Mr. SREEKANTH REDDY ARAVA	ECE	Lecturer
41	Mr. RAMAVAJJALA ANIL KUMAR	MME	Lecturer
42	Mr. SHAIK MOHAMMAD RAFI	ECE	Lecturer
43	Mr. P. NAGARAJA	Chemistry	Lecturer
44	Dr. NAGA RATNA KISHORE PUDI	Chemistry	Lecturer
45	Dr. TIRUPATHI PATRI	Physics	Lecturer
46	Mr. PENUGONDA RAVIKUMAR	CSE	Lecturer
47	Mr. SWARNA ASHOK	ECE	Lecturer
49	Mr. SIDHARTH SINGH	Management	Lecturer
50	Mr. GONUGUNTLA ANJIBABU	MME	Lecturer
51	Mr. SIVA RAMA SASTRY GUMMA	CSE	Lecturer
52	Mr. ABDUL AZIZ MD	CSE	Lecturer
61	Dr. RAGHUPATI RAO S	Chemistry	Lecturer
62	Mr. MEDIPATI CHANDRA SEKHAR	Mechanical	Lecturer
63	Ms. KANCHERLA VAISHNAVI	Civil	Lecturer
64	Mr. Y. DINESH KUMAR REDDY	Civil	Lecturer
65	Mr. RAHUL SHUKLA	Chemical	Lecturer
66	Mr. GUBBALA CHAITANYA	Civil	Lecturer
67	Ms. G. LAKSHMI SHIREESHA	ECE	Lecturer
68	Mr. DHANYASI VINAY KUMAR	Civil	Lecturer
69	Mr. PARIMISSETTY HARINADHA	CSE	Lecturer
70	Mr. SEKHAR GHOSH	Mathematics	Lecturer
71	Mr. BISWAJIT MANDAL	Mathematics	Lecturer
72	Mr. T. SANDEEP KUMAR REDDY	CSE	Lecturer
53	Mr. V RAMASUBBAIAH	Chemical	Ad-hoc Lecturer
74	Mr. INDRAJIT DEBNATH	Mathematics	Ad-hoc Lecturer
75	Mr. MERAM MUNIRATHNAM	Mathematics	Ad-hoc Lecturer

76	Mr. M DINESH REDDY	ECE	Ad-hoc Lecturer
77	Mr. VISWANADH BISAI	English	Ad-hoc Lecturer
78	Mr. J. CHANDRA REDDY	ECE	Ad-hoc Lecturer
79	Mr. Y SURAVARDHANAREDDY	ECE	Ad-hoc Lecturer
80	Mr. ANAPAGADDI SUDHIR KUMAR	Mathematics	Ad-hoc Lecturer
81	Mr. KUMAR BELLIKATTI	ECE	Ad-hoc Lecturer
82	Mr. ASHISH JOE S. S.	English	Ad-hoc Lecturer
55	Ms. A. ANJILI	English	Mentor
56	Mr. B.RAMU	Chemistry	Mentor
57	Ms. K.PAVAN KUMAR REDDY	Mathematics	Mentor
58	Ms. GAJJALA APARNA	Physics	Mentor
59	Dr. HEMAVATHI BOBBU	Biology	Mentor
60	Dr. M.N.BRAHMANANDAIAH	Telugu	Mentor
83	Mr. SATYANANDARAM NANDIGAM	IT	Mentor
84	Mr. J. USHASREE	English	Mentor
85	Mr. DEEPTHI JANKE	Mathematics	Mentor
86	Mr. B NARASIMHULU	Chemistry	Mentor
87	Dr. A. JOB ROGER BINNY	Biology	Mentor
88	Mr. BOILLA BRAHMAIAH	Physics	Mentor
89	Mr. N. RAJA GOPAL REDDY	Mathematics	Mentor
91	Mr. AKULA NAGAMANI	IT	Mentor
92	Mr. J. VIJAYA KUMAR	IT	Mentor
93	Mr. B. RAMESH	IT	Mentor
94	Ms. S. PRATHIMA	IT	Mentor
95	Ms. GONA INDUMATHI	IT	Mentor
96	Ms. A. SARASWATHI	IT	Mentor
97	Ms. KOPPALA PRANITHA DEVI	IT	Mentor
98	Mr. GNANA VENKAT KUMAR D.	IT	Mentor
99	Mr. R. MADAN KUMAR	Mathematics	Mentor
100	Mr. SWARAJYA LAKSHMI PITTA	Mathematics	Mentor
101	Ms. E.BHAWANI	Physics	Mentor
102	Mr. ASADI VENKATRAMANA	English	Mentor
103	Dr. L. SRIKANTH REDDY	Chemistry	Mentor
104	Ms. K. MADHU SUDHANA	Mathematics	Mentor
105	Mr. G. VISWANATHA REDDY	Chemistry	Mentor
106	Mr. S. SAMBA SIVA REDDY	Physics	Mentor
107	Ms. GOLLA KAVITHA	Mathematics	Mentor
108	Mr. P. VEERA RAGHAVA REDDY	Physics	Mentor
109	Mr. RUADRARAVIKUMAR PALEGARI	Mathematics	Mentor

110	Mr. M. KISHAN KUMAR	English	Mentor
111	Ms. S. JYOTHI	Mathematics	Mentor
112	Mr. A. V. DURGA KISHOR REDDY	Chemistry	Mentor
113	Mr. JETTI BHANUMURTHY	Mathematics	Mentor
114	Ms. KALPANA K.	Mathematics	Mentor
115	Ms. DEVARASETTY RAJESWARI	Mathematics	Mentor
116	Ms. N.SANDHYA RANI	Mathematics	Mentor
117	Ms. C. UMA MAHESWARI	Biology	Mentor
118	Dr. D. PRABHAVATHI	Telugu	Mentor
119	Dr. G. TIRUPATI REDDY	Biology	Mentor
120	Mr. KUNCHAPOLLU RAMU	Telugu	Mentor
121	Ms. SOBHA PERUSOMULA	Biology	Mentor
122	Mr. S. N. V. HARINATH BABU	Physics	Mentor
123	Ms. RUKALA SHASIKALA	Physics	Mentor
124	Ms. KOVI. RAJESWARI	Physics	Mentor
125	Mr. K. SURESH KUMAR	English	Mentor
126	Mr. BUKKE ESWARA NAIK	Chemistry	Mentor
127	Ms. SARITA RANI	English	Mentor
128	Ms. THANDA SUVARNA	Biology	Mentor
129	Ms. SOPHIA HARATHI GADDALA	English	Mentor
130	Mr. VENKATESWARLU A.	Chemistry	Mentor
90	Mr. M. JYOTHEESWARAN	Fine Arts	Trainer in Music
131	Mr. K. CHIDAMBARA NATARAJU	Fine Arts	Trainer in Music
132	Ms. DANNANA SRILAXMI	Fine Arts	Trainer in Music
133	Mr. PATAN MOHIDEEN KHAN	Fine Arts	Kuchipudi Trainer
134	Mr. P.VENKATA RAMANA REDDY	Physical Education	Physical Director
135	Mr. V BALA OBAIAH	Physical Education	Physical Director
136	Ms. SK. SHAMSHAD BEGAM	Physical Education	Physical Director

Table 9: Faculty List

Events and Highlights (2015-16)

The year 2015-16 recognized a series of development activities in areas of Infrastructure Development, Academics and Institute's First Convocation, Cultural Events, Events of International, National and State Importance etc.

Events

Institute's First Convocation

The first ever Convocation of the Institute was held on 9th January, 2016 which in itself achieved several milestones. The Convocation was graced by the Hon'ble Chief Minister of Andhra Pradesh Shri. Nara Chandrababu Naidu as the Chief Guest and Hon'ble State Human Resource Development Minister Shri. Ganta Srinivasa Rao as the Guest of Honor and arrangements made it possible for the entire 6000 students and their parents to witness the event thereby making it a grand event in the history of the Institute.









Hon'ble HRD Minister Visit

Hon'ble HRD Minister of Andhra Pradesh Shri. Ganta Srinivasa Rao visited the Institute on 14th September, 2015 and laid the Foundation Stone for Central Library Building and also inaugurated the Wi-Fi facility.



Appointment of new Director

Prof. G. Bhagavannarayana joined as the new Director of the Institute on 16th January, 2016. A Former Chief Scientist and Head of the Crystal Growth and X-ray Analysis Activity & Former HOD of Sophisticated Analytical Instruments Division, CSIR-National Physical Laboratory, New Delhi with a knowledgeable 32 years of experience in Research, Development and Teaching. With more than 285 publications in SCI Journals, 139 Conference proceedings, 90 Invited Talks etc. Prof. G. Bhagavannarayana brings with him vast knowledge and expertise to lead the Institute forward. He has a process patent for VLSI technology and developed a state-of-the art High-resolution X-ray Diffractometer at NPL. He also invented two materials characterization techniques. He has been awarded INSA-DFG and CSIR-DAAD fellowships and has also been honored with the Prof. P. Ramasamy National Award for the year 2009 by the Indian Association for Crystal Growth.

Appointment of Regular Faculty

24 Regular Faculty including 1 Associate Professor and 23 Assistant Professors have joined the Institute since February 2016 in different Engineering Departments. They have been fully inducted into service and they are currently serving their probation period and executing all Academic and Non-academic duties as conferred on them with full determination.

Guest Lectures

The Institute witnessed some eminent Academicians and Industry Experts visiting the campus to deliver Talks and Seminars, notably:

1. **Prof. T. Subbaiah**, Former Scientist, CSIR and Professor, KL University
Talk: Waste to Wealth-Recovery of Metal Values from Secondaries
2. **Prof. U. V. Varadaraju**, Department of Chemistry, IIT Madras
Talk: Energy Storage and Conversion
3. **Dr. T. G. K. Murthy**, Eminent Scientist, ISRO and Scientific Advisor to the Department of Science and Technology, Govt. of India.
Talk: Imagination in Engineering
4. **Prof. Y.V. Gopala Krishna Murthy**, Director, ACE Engineering Academy
Talk: Career Development Program
5. **Prof. G. Bhagavannarayana**, Director, RGUKT RK Valley and Former Chief Scientist, NPL
Talk: Structure determination by X-Ray Crystallography & Atomic Absorption Spectroscopy and Field Emission Scanning Electron Microscopy

Events of International, National and State Importance

National Mathematics Day

On occasion of the 128th birth anniversary of Dr. Srinivasa Ramanujan on the 22nd December, 2016, Mathematics Day was celebrated in RGUKT RK Valley. The ceremony took place in presence of Dean (Student Welfare) Prof. BNL Narsappa and Faculty of Mathematics Department. Dr. Narni Nageswara Rao, Lecturer, elucidated on published articles/researches and about the unsolved theories of Dr. Ramanujan. The ceremony concluded with the Prize distribution for competitions like Mathematics Talent Test and Presentations (Electronic/Poster) etc. which were held on 18th December, 2015 at the campus.

Republic Day Celebration

The newly appointed Director of the Institute Prof. G. Bhagavannarayana inaugurated the 67th Republic Day Celebrations, 2016. He hoisted the National Flag and the program began with students reciting the National Song-Vande Mataram. Later he inaugurated the ECG machine in the Institute Hospital. The event was further graced by the presence of Administrative Officer (I/C) Prof. E. Viswanatha Reddy, Dean (Academics) (I/C) Prof. K. Venugopal Reddy, Finance Officer (I/C) Prof. KLN Reddy and Dean (Student Welfare) (I/C) Prof. BNL Narsappa.





National Science Day

On 27th and 28th February, 2016 all the students celebrated the National Science Day under the guidance of Science Departments. Oral and poster presentations were conducted for students. Exhibition of prototypes took place. The stalls were inaugurated by the Director Prof. G. Bhagavannarayana, Administrative Officer (I/C) Prof. E. Viswanatha Reddy, Dean (Student Welfare) (I/C) Prof. BNL Lakshmi Narsappa by garlanding the photo of Sir CV Raman. NSS volunteers provided the required material for projects and presentations and were actively involved in stage management and decoration. The event witnessed Guest Lectures from eminent people including:

1. **Dr. G.V. Rama**, Scientist G (R), SDSC SHAR/ISRO
2. **Prof. K. Vijaya Kumar**, Dept. of Physics, KL University
3. **Prof. G. Bhagavannarayana**, Director, RGUKT RK Valley



National Women's Day

International Women's Day was celebrated at the Institute on 8th March, 2016. Celebrations ranging from respect towards feminism to the display of their talents were organized. Students and staff members actively participated in competitions and cultural events.

Navnirman Varotsavulu Week

The Institute, post the Nava Nirmana Deeksha administered by the Hon'ble Chief Minister of Andhra Pradesh organized the Navnirman Varotsavulufrom 2nd to 9th June, 2016 as part of the Andhra Pradesh State Formation Day Celebrations marking two successful years of State bifurcation.

Under this program rallies were taken out in nearby villages of Idupulapaya, Maruti Nagar, Veerangattupalle and Kummarimpalle. During this week awareness drives were undertaken by NSS volunteers on the five campaign modes– for Poverty Alleviation, Promoting Education and Skill Development, Making Agriculture Profitable, Cleanliness Drive and Improvement in Health Parameters, Promoting Greenery and Water Conservation.



World Environment Day

The Institute celebrated the World Environment Day on 5th June, 2016 as a part of National Environmental Awareness Campaign – 2016. Elocution competitions were conducted for students. NSS volunteers prepared the index of Bio-Diversity registry in nearby villages. The Director Administrative Officer (I/C), Dean (Student Welfare) participated in planting saplings along with NSS volunteers and students.



International Yoga Day

International Yoga Day initiated, pioneered, emphasized and advocated by our Honorable Prime Minister of India Shri. Narendra Modi and which has come in vogue to be celebrated on 21st June 2016. It was observed in the Institute with the Physical Director Shaik Shamshad Begum training the students on different Yoga postures on the day as depicted in the picture. Consequently, the Institute has aligned itself with the practice of Yoga, meditation and spreading awareness about yoga.



M.Tech Admissions

The Institute advertised for M.Tech admissions in Computational Engineering on the 30th April, 2016 whereby the application were taken till 28th May, 2016.

Highlights

Infrastructure Development

The Institute expedited the construction of Departmental Buildings in last year to set in place state-of-art infrastructure for facilitating construction of new laboratories, dedicated classrooms and R & D facilities etc. Consequently around two departmental buildings and a Central Library building will be commissioned in the early part of AY 2016-17.



Biometric Attendance System

The Institute took a strategic measure by implementing Biometric Attendance System for all students and staff members with effect from 1st April, 2016 in order to aid the academic system to ensure regularity, discipline and transparency in various Institute transactions. Also the system will aid in ensuring smooth flow of Scholarships to all the students who maintain the requisite attendance and hence support the Govt. in disbursing scholarships. There are a total of 42 machines placed at Academic Blocks which are segregated for use based on departments and staff type.



Institute Bus

State Bank of Hyderabad through its Institute branch (Idupulapaya) dedicated a Tata Marcopolo 38 seat bus to the Institute as part of its Community Service Banking Scheme on 16th April, 2016. The Institute is in the process to put it to the use of staff and students to provide connectivity between the Institute campus and the city, for Industrial visits, NSS Programs and for other inter-city events like Conferences etc.



Wi-Fi Facility

In the process to become a fully Wi-Fi campus, Wi-Fi facility was installed in Boys and Girls Hostels in the Engineering Campus and now the Institute is going in for campus wide Wi-Fi installation which is expected to be completed by the next year in phases.



Commissioning of new Telecom tower

In order to provide seamless and uninterrupted connectivity to the entire staff and students staying on campus, the Institute got a private Telecom Tower commissioned from which Airtel, Idea and Vodafone started operating in January, 2016. The Institute is in process to get 3G/4G services started in the near future to solve all internet connectivity issues.



Renovation of campus

The Institute in order to keep the campus infrastructure robust implemented renovation in the areas of painting works in hostels and mess, repairing of window glasses pan campus in the Summer break of 2016.



Green Campus Initiative

As a part of Green Campus Initiative Prof. G. Bhagavannarayana, Director implemented a Green Campus initiative to carry out campus wide plantations and their proper maintenance to make the campus greener and cleaner. In this regard 2000 numbers of around 50 varieties of flora have been planted in the campus and the same is to increase in phase wise manner. Appropriate infrastructure for watering facility is being laid down for uninterrupted supply of water.



ICT based Seminar Halls for MOOC Lectures

In order to conduct Massive Open Online Course (MOOC) lectures for around 300-400 students at the same time without any dilution in teaching effectiveness, modern ICT based seminar halls have been put in place with all modern teaching aids. The halls shall be used for specialized purposes for imparting academic content.

SIEMENS-Centre of Excellence

The Skill Development Entrepreneurship & Innovation Department of Government of Andhra Pradesh has selected RGUKT RK Valley as one of the University/ Institutes for setting up the SIEMENS Centre of Excellence and Technical Skill Development Institute in collaboration with APSSDC, SIEMENS and Design Tech Companies.

IB Group Soft Skills Training

The Institute is providing soft skills training to students from PUC level till the Engineering level through the IB Group, a social enterprise that works to develop talented manpower for the industry needs. This has resulted in improvement in internship and placement figures and in enhancing the overall quality of students.

Academic Improvement Program

The Institute implemented a coordinated Student Monitoring Program in February, 2016 in the evening classes to ensure that students make the best possible use of the Evening Classes and all their doubts are solved with due attention.

Student Amenities

The Institute distributed student amenities to all the students including uniforms, shoes etc. as per the details mentioned below thereby ensuring that all students have adequate number of uniforms.

S. No	Item Name	Boys/Girls	Quantity
1	Class Uniforms	3702/3732	7434
2	Sports Uniforms	3702/3732	7434
3	Black Leather Shoes	1338/1420	2758
4	White Canvas Shoes	400/450	850
5	Bed Sheet with pillow covers	400/450	850
6	Soft Towel	800/900	1700

Table 10: Student Amenities Statistics

Achievements

Pratibha Awards




14 students from the Institute received the auspicious Pratibha Award from the Andhra Pradesh Govt. at PUC, B.Tech. and M.Tech. level in a ceremony held at Tirupati on the 14th November, 2015. The recipients are:

Roll. No.	Name	Branch
R091165	Gulla Abhishek Reddy	CHE
R091635	B. K. Lakshmipriya	CHE
R092799	Ambavarapu Rafi	CE
R091230	Mogadala Suresh	CE
R092167	Gugulothu Raju	CE
R092749	B. Babu	CSE
R092480	U. Venkatajaswanth	CSE
R092602	Padi Jagadeesh	ECE
R092572	V. B. Sai Kumar	ECE
R091157	Venkatesh	ECE
R092292	R. Archana	ECE

Table 11: Pratibha Awardees

Institute Gold Medalists

The Institute awarded gold medals at its First Convocation on 8th January, 2016 for the 2009 Batch Graduands of the Six-year Integrated Program, and 2014 Batch M.Tech. Program for being toppers in their respective streams.

Topper at/in	Student Name	Student Image
Campus	Padi Jagadeesh	
Girls	R. Archana	
M.Tech.	P. Nagendra Babu	
CHE	G. Abhishek Reddy	






CE	Ambavarapu Rafi	
CSE	B. Babu	
ECE	Padi Jagadeesh	
MME	P. Venkateswarlu	
ME	B. Mannikanta	

Table 12: Gold Medalists-2016

Placement Packages

13.2 LPA highest package (CTC) was offered to RK Valley students for the AY2015-16. The selection was made by **IB Group** for the positions of "Managerial Trainee" & "Technical Trainee" in which five students were selected from our Institute. **Thoughtworks** selected 5 students from our Institute, the highest number amongst the two Institutes of RGUKT at 6.2 LPA CTC. It may be mentioned here that campus recruitment drives have been conducted by 32 companies (both On-campus & Off-campus) for 2016 Graduands.

Students selected for NASA Ames Space Settlement Contest 2016

In an aspiring feat, Pre University Course (PUC) students of RGUKT RK Valley have won laurels at the NASA Ames Space Settlement Contest 2016 at the class 12th level in different categories. Two teams of seven students each from the Institute respectively bagged the First Prize for project **Hector-The Defender**, a laser technology enabled asteroid destroyer that attains energy through Aneutronic nuclear fusion with 90% efficiency and second prize for **COD: City of Destiny**, an innovative settlement in the orbit of Saturn's moon Titan thereby finding alternative human settlements in space using advanced technologies and futuristic designs.

Hector - The Defender (1st Prize)

Team Members: Y. Guru Prashanth, P. Siva Kumar, H. Stella Kumari, V. Sai Surya, G. Aravind, B. Tinku Naik and D. Madhuri

COD - City of Destiny (2nd Prize)

Team Members: C. Rohith Kumar, S. Madhu, V. Raj Kumar, A. Yaswanth Kumar, V. Hima Sree, A. Navya, K. Namratha

Student wins Tata Building India Essay Competition

A student of CSE First Year, **A.V. Yugesh** secured the National Level Runner-up position in the Tata Building India Essay Competition whereby he was invited to visit the **Rashtrapati Bhavan** and also to get addressed by the Hon'ble President of India Shri. Pranab Mukherjee.



First Prize at International Conference at IIT Tirupati

Two student teams from the Institute participated in an International Conference held at Indian Institute of Technology Tirupati in association with Amara Raja Industries India, Southern University (USA) and A&M College (USA) et.al. on emerging trends in **Sustainable Energy Technologies for Smart and Clean Cities (SETS&CC-2016)** during 27th-29th July, 2016 at Amara Raja Auditorium, Karakambadi, Tirupati. Both teams stood First in the Model Presentation.



First Prize-Advanced Anywhere Automatic Irrigation System



First Prize-Sustainable Energy Production in Smart Cities

Sports Achievements

Institute students have won several laurels at District, State and National Level in all major sports and games. The institute focuses of all round development and hence provides all attention to sports activities too.

S. No.	Student's Name	Level	Sport	Level	Achievement
1	J. Enosh	Under 19	Gymnastics	National	4 Silver & 1 Gold Medal
2	T. Sai	Under 19	Hockey	State	1 st Place
3	P. Sai Kiran	Under 19	Hockey	State	3 rd Place
4	T. Hari Babu	Senior	Swimming	State	Silver Medal
5	T. Hari Babu	Under 19	Swimming	State	1 Gold & 2 Silver Medals
6	Muni Sekhar	Under 19	Swimming	State	1 Gold & 2 Silver Medals
7	P. Mani Kiran	59 kg	Power lifting	State	2 nd Place
8	T. Parvateswam	83 kg	Power lifting	state	2 nd Place
9	B. Harish Kumar	74 kg	Power lifting	State	2 nd Place
10	K. Narendra	66 kg	Power lifting	State	2 nd Place

Table 13: Sports Achievements

Student Profile

Six-Year Integrated B.Tech. Admitted Students (as on 1 st July, 2016)				
BRANCH	R10 Batch	R11 Batch	R12 Batch	R13 Batch
CSE	180	192	269	297
CE	189	191	236	163
CHE	70	72	4	3
ECE	187	189	324	395
ME	183	188	74	83
MME	124	120	23	13
TOTAL	933	952	930	954

PUC Students	
PUC-1 (R14)	875
PUC-2 (R15)	955

Table 14: Student Profile Statistics

Infrastructure and Facilities

Departmental Buildings and Laboratories

The Institute is in the process of commissioning seven Departmental Buildings dedicated to each branch of Engineering, Humanities and Social Sciences etc. Three departmental buildings are nearing completion and will be commissioned by August, 2016. The Institute is currently functioning with two Academic Blocks in Engineering campus and Pre-fabricated classrooms for PUC campus.



Laptop for Every Student

Each student is provided with a laptop and its accessories (pen-drive, laptop bag and a laptop charger) for the entire course period of six years. The Academic Blocks/Department Buildings in the campus are well connected by high speed LAN for internet access. Class rooms are fully ICT based having Projectors, Screen, and Speakers etc. in addition to regular mode of white board teaching. Students can have access to the detailed content of prescribed syllabus, modules of each course and corresponding pre-recorded video lectures delivered by the experts in the area of specialization across the country.



Hostel and Mess Facility

The Institute provides free hostel accommodation to all the students along with providing cots, beds, bed-spreads, uniforms and shoes. In all there are 6 boys' hostels and 4 girls' hostels. Every room is provided with a fan, tube lights and connected with common bath rooms at either ends of hostel's corridor. A new Cafeteria building has been commissioned and will soon start operating. It is equipped with all modern facilities.

The housekeeping staff cleans and maintains hygiene on a regular basis. Every hostel is connected to a well-furnished mess with modern kitchenware that strictly follows the menu recommended by the National Institute of Nutrition to provide proper diet for the students. The Mess Committee comprising of Dean (Students Welfare), Wardens and Chef keep a strict check on quality and discipline.



High capacity RO plants

Water being amongst the most crucial natural resource, the Institute has three high capacity RO Plants to provide safe and potable drinking water to the students and staff round the clock. Continuous water supply for all the hostels and messes is ensured all through the year using ground water and water from Papagni river bed. Regular cleaning of water tanks and rectification of plumbing problems is carried out to ensure uninterrupted supply of water.

Medical and Health Care facilities

There is a 30 bedded hospital with 3 Resident Doctors, 5 Nurses, 2 Technicians and 2 Clinical Assistants available in the campus round the clock. Clinical laboratory is fully equipped to undertake blood culture tests, bandage facilities, emergency care measures. Since the campus is located in a forest place, Medical and Para medical staff of the hospital is always alert by keeping sufficient quantity of medicines for common occurrence diseases.

Ambulance facility is available to transport the chronic cases to RIMS, Kadapa for immediate better treatment. Proper disposal of medical waste is taken on priority.



Library and Reading Rooms

The Institute Library has a good collection of text books and reference books pertaining to the major engineering disciplines serving the academic needs of students and nearly 300 staff members. The Library resources stand at about 90,000 volumes of books, 450 Print and Online Journals, 5 daily newspapers including The Hindu and Business Line etc. The library is equipped with KOHA Library Management System for maintaining computerized records of issue and returns. The new Central Library building will soon be commissioned which has the capacity to meet the demands of all 6000 students on campus regarding books, e-journal access etc. Hostels are equipped with Reading Rooms where students can read Newspapers and Magazines at their leisure time.



Sports and Games Facilities

There Institute has dedicated a vast playground for outdoor games. Indoor games facility is being provided in the Academic Blocks and Hostel premises. There are 2 Physical Directors for boy students and one lady Physical Director for girl students to coordinate and facilitate games and sports events in the campus throughout the year. The campus maintains enough numbers of sports and games materials for all major Outdoor and Indoor sports and games. Students are encouraged to participate in the Intra and Inter-state games and sports events and have won many laurels for the Institute.



Sports Equipment



Badminton Courts

Bank, Post-office, Fancy Stores and Guest-house

There is a full-fledged branch of State Bank of Hyderabad and two ATMs which cater to the banking needs of students and staff members. There is a Sub Post-Office facility for the students and staff of the campus providing all mail facilities. Fancy stores have been established at Hostels to provide all daily need items at an affordable price. Guest house equipped with all modern facilities is available for accommodating guests and visitors and conducting seminars and conferences.



SBH Branch at Institute



Post Office



Guest House-Seminar Hall



Guest House-Conference Room

Staff Quarters

The Institute has a fully residential campus including on-campus accommodation for staff members proportioned as Duplex Bungalows, A, B, C and D Type Quarters for different staff cadres. In 2016, the Institute commissioned two new B Type Quarters and is in the process of constructing 1 A type, 4 B Type, 4 C Type Quarters, 1 D type building for enhancing the existing capacity. In addition construction of parks, parking lots is being taken for providing a comfortable living to staff members.



Placements and Internship

Career Development and Placement Cell (CDPC) is entrusted with the job of identifying Internship and Job Opportunities for the students and to train the students with necessary soft skills for ensuring success in interviews. CDPC is established at each Institute and is composed of a Campus Placement In-charge (CPI), Assistant Campus Placement In-charge (ACPI) and Placement officer (PO), Student Representatives and other technical staff. There are rules in place in order to streamline both the Pre-placement and Post-placement process.

OBJECTIVES OF CDPC

- To guide and help in imparting quality practical experience through internship opportunities
- To develop confidence building to face the selection process of job recruiters
- To provide employment opportunities through campus placements by inviting reputed companies to the campus
- To provide information and training for the competitive examinations conducted by Govt. of India like Civil Services, Indian Engineering Examination, Banking and Railway recruitment board examinations etc., and the state level competitive examination
- To inform on off campus job and research position opportunities
- To guides in higher education and research opportunities and motivate the students for better career.

The Institute has sound placements and has performed well in providing internships and placement opportunities to its students. Below mentioned table indicated branch wise and year wise placement figures. In addition many students get admitted in Master's Program in reputed Universities abroad and in India through GRE, GATE and CAT etc., in PSUs and the Institute is promoting a culture of Entrepreneurship and will soon establish a dedicated cell for nurturing Innovation and Entrepreneurship and providing Incubation to successful proposals and plans thereby aiding in this upcoming culture of self-employment. The job-offers batch wise are illustrated below:

	Job Offers Batch Wise								
	2008 (Students: ~2000)			2009 (Students: ~2000)			2010 (Students: 934)		
Branch	M	F	Total	M	F	Total	M	F	Total
CHE	8	0	8	24	3	27	10	0	10
MME	10	2	12	0	1	1	7	2	9
Civil	21	2	23	2	4	6	5	0	5
ECE	93	35	128	96	43	139	64	59	123
ME	29	4	33	20	3	23	30	5	35
CSE	38	44	82	50	29	79	36	60	96
Total	199	87	286	192	83	275	152	126	278

Table 15: Placement Statistics

The Institute's educational pedagogy mandates for a compulsory 2 month Internship after 3rd year of engineering. In addition, the Institute provides flexibility to pursue Long-term Internship (≥ 6 months) in the 4th Year. The data on Long-term Internship is as given below:

	Internship Offers Batch Wise					
	AY 2016-17			AY 2015-16		
Branch	M	F	Total	M	F	Total
CE	2	1	3	0	0	0
ECE	7	5	12	3	8	11
CHE	0	0	0	2	0	2
MME	1	0	1	1	1	2
ME	2	0	2	3	0	3
CSE	6	4	10	5	3	8
			28			26

Research Publications& Projects

Publications

S. No.	Name of the Department	Faculty Participated in Research Activities		
		Presented in Seminars	Published in Journals	Total
1	Chemical Engineering	-	4	4
2	Civil Engineering	1	9	10
3	Computer Science Engineering	3	5	8
4	Electronics and Communication Engineering	8	5	13
5	Mechanical Engineering	4	30	34
6	Metallurgical and Materials Engineering	-	6	6
7	Mathematics	3	9	12
8	Physics	24	36	67
9	Chemistry	7	14	21
10	Management	1	2	3
11	English	-	1	1
12	Telugu	3	-	3
		54	121	175

Table 16: Research publications and projects

Projects

The exiting research projects at the Institute sponsored by Govt. Agencies like DST, DIT etc. are as follows:

- 1. Mechanical Development of High Performance Plastic Gears Using Carbon Nano Tubes reinforced Acetal/PTFE blend**
PI: Dr. G. Bhanu Kiran
Sponsoring Agency: DST-SERB
Year of Sanctioning: 2013
Project Funding: Rs. 25.31 Lakhs
Project Status: Completed
- 2. Mechanical Development of high strength bio composite from natural fibers and biopolymer blends**
PI: Dr. G. Bhanu Kiran

Sponsoring Agency: UGC
Year of Sanctioning: 2013
Project Funding: Rs. 9.10 Lakhs
Project Status: Completed

3. Mechanical Development of high strength bio composite from natural fibers and biopolymer blends

PI: Dr. G. Bhanu Kiran
Sponsoring Agency: UGC
Year of Sanctioning: 2009
Project Funding: Rs. 9.65 Lakhs
Project Status: Completed

4. Mechanical Effect of process parameters and surface treatments on mechanical and abrasive wear performance of bio-composites

PI: Dr. G. Bhanu Kiran
Sponsoring Agency: GITAM University
Year of Sanctioning: 2009
Project Funding: Rs. 1.00 Lakhs
Project Status: Completed

5. Assessment of wetting and heat transfer characteristics of edible and Non-edible vegetable oils for industrial heat treatment

PI: Dr. G. Ramesh
Sponsoring Agency: DST-SERB
Year of Sanctioning: 2016
Project Funding: Rs. 26.05 Lakhs
Project Status: Ongoing

6. Design, Synthesis and Studies of Structural and Magneto-Electrical Properties of PZT Based Multiferroic Materials

PI: Dr. B. Govind Tiwari
Sponsoring Agency: DST-SERB
Year of Sanctioning: 2013
Project Funding: Rs. 9.31 Lakhs
Project Status: Ongoing

7. Mechanical Design and Development of Biomass Fired wood Gas Stoves for Rural Applications

PI: Dr. B. Konda Reddy & Mr. K. Dinesh Reddy

Sponsoring Agency: MHRD and Design Innovation Centre, JNTU Kakinada

Year of Sanctioning: 2016

Project Funding: Rs. 97.80 Lakhs

Project Status: Ongoing

Social Responsibilities

Helping Hands

Helping Hands is a noble initiative of the students whereby they help people in need both inside and outside the Institute monetarily and non-monetarily through donation camps, fund collection and social service. In a major achievement Helping Hands collected Rs. 3, 39, 500/- in the year 2015-16 and donated for around 19 social causes.

Person (Problem)	Problem	Money Given	Date
Mr. Ramanjaneyulu (HRT)	Blood Cancer	80,000	28-09-2015
Mr. Shiva (B13)	Brain Tumor	25,000	30-10-2015
Mr. Murali Krishna (R12)	Nose Problem	25,000	22-12-2015
Mr. Govardhan (R12)	Kidney Stones	18,000	28-12-2015
Mr. Ram Murthy (R09)	Blood Cancer	1,00,000	22-01-2016
Mr. Ratna Kumar (R14)	Liver Problem	20,000	12-07-2016

Table 17: List of main donations in 2015-2016

National Service Scheme (NSS)

The Institute has a fully functional NSS with 5 units and participation of around 1100 students. In the previous year, NSS units conducted awareness programs in adopted villages, organized Blood Donation camps, organized Vanmahotsavam week amongst a plethora of items to list from.



Financial Statements

Annual Financial Statements (FY 2015-16)

(Annexure 1)

Proposed Budget Statement (FY 2016-17)

(Annexure 2)

This Annual Report has been prepared following a meticulous process. Compiled and Edited by Mr. Sidharth Singh, PRO with assistance of Mr. G. Mallikarjuna, Mr. P. Radhakrishnaiah and Mr. Panyam Sreenivasulu.

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