

## **5. Faculty**

## 5.1 Faculty Details

Faculty is the backbone for any educational institute and there is no exception for IIIT RK Valley. Currently, IIIT RK Valley has 125 faculty members among them 26 are regular faculty members. All the faculty members have been involved in primarily in academics and fulfilling additional responsibilities in various capacities in administration.

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

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

<b>72</b>	Mr. Y SURAVARDHANAREDDY	ECE	Lecturer
<b>73</b>	Mr. ANAPAGADDI SUDHIR KUMAR	Mathematics	Lecturer
<b>74</b>	Mr. KUMAR BELLIKATTI	ECE	Lecturer
<b>75</b>	Ms. A. ANJILI	English	Mentor
<b>76</b>	Mr. B.RAMU	Chemistry	Mentor
<b>77</b>	Ms. K.PAVAN KUMAR REDDY	Mathematics	Mentor
<b>78</b>	Ms. GAJJALA APARNA	Physics	Mentor
<b>79</b>	Ms. HEMAVATHI BOBBU	Biology	Mentor
<b>80</b>	Dr. M.N.BRAHMANANDAIAH	Telugu	Mentor
<b>81</b>	Mr. SATYANANDARAM NANDIGAM	IT	Mentor
<b>82</b>	Mr. J. USHASREE	English	Mentor
<b>83</b>	Mr. DEEPTHI JANKE	Mathematics	Mentor
<b>84</b>	Mr. B NARASIMHULU	Chemistry	Mentor
<b>85</b>	Mr. Dr. A. JOB ROGER BINNY	Biology	Mentor
<b>86</b>	Mr. BOILLA BRAHMAIAH	Physics	Mentor
<b>87</b>	Mr. N. RAJA GOPAL REDDY	Mathematics	Mentor
<b>88</b>	Mr. AKULA NAGAMANI	IT	Mentor
<b>89</b>	Mr. J. VIJAYA KUMAR	IT	Mentor
<b>90</b>	Mr. B. RAMESH	IT	Mentor
<b>91</b>	Ms. S. PRATHIMA	IT	Mentor
<b>92</b>	Ms. GONA INDUMATHI	IT	Mentor
<b>93</b>	Ms. A. SARASWATHI	IT	Mentor
<b>94</b>	Ms. KOPPALA PRANITHA DEVI	IT	Mentor
<b>95</b>	Mr. GNANA VENKAT KUMAR D.	IT	Mentor
<b>96</b>	Mr. R. MADAN KUMAR	Mathematics	Mentor
<b>97</b>	Mr. SWARAJYA LAKSHMI PITTA	Mathematics	Mentor
<b>98</b>	Ms. E.BHAWANI	Physics	Mentor
<b>99</b>	Mr. ASADI VENKATRAMANA	English	Mentor
<b>100</b>	Dr. L. SRIKANTH REDDY	Chemistry	Mentor
<b>101</b>	Ms. K. MADHU SUDHANA	Mathematics	Mentor
<b>102</b>	Mr. G. VISWANATHA REDDY	Chemistry	Mentor
<b>103</b>	Mr. S. SAMBA SIVA REDDY	Physics	Mentor
<b>104</b>	Ms. GOLLA KAVITHA	Mathematics	Mentor
<b>105</b>	Mr. P. VEERA RAGHAVA REDDY	Physics	Mentor
<b>106</b>	Mr. RUDRARAVIKUMAR PALEGARI	Mathematics	Mentor
<b>107</b>	Mr. M. KISHAN KUMAR	English	Mentor
<b>108</b>	Ms. S. JYOTHI	Mathematics	Mentor
<b>109</b>	Mr. A. V. DURGA KISHOR REDDY	Chemistry	Mentor
<b>110</b>	Mr. JETTI BHANUMURTHY	Mathematics	Mentor
<b>111</b>	Ms. KALPANA K.	Mathematics	Mentor
<b>112</b>	Ms. DEVARASETTY RAJESWARI	Mathematics	Mentor



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

## 5.2 Faculty Achievements

Currently, three research projects are going-on at the Institute which are sponsored by Govt. Agencies of worth around Rs. 127 lakh. In AY 2016-17, IIIT RKV faculty members have published over 24 papers in reputed journals. Many of them engaged in research projects with external or internal start-ups. Besides evolving in innovative academic activities members of the faculty engaged in writing and editing books, contributing chapters to volumes, publishing papers and articles, organizing and participating in seminars, conferences, workshops and managing research projects.

During the academic year 2016 – 2017 the following are the papers published by the faculty in International Conferences and Reputed Journals.

### 5.2.1 Conferences

- 1 Patri Tirupathi, K. Raju, Naresh P, Ramakrishna P and Mukul Pastor, Actively participated and presented a paper titled "*Giant Dielectric Permittivity and Weak Ferromagnetic behavior in Bi0.5La0.5Fe0.5Cr0.5O3 Ceramic*" organized by Amity University Noida UP, 2016, India.
- 2 G. Bhanu Kiran et al. "Efforts towards minimization of delaminations in abrasive water jet drilling of nano MMT reinforced Glass fiber/Epoxy composite", 6th International and 27th National AIMTDR Conference 16th -18th Dec, 2016 College of Engg., Pune.
- 3 Shaik Mohammad Rafi B, Manikumar T "Band Power Tuning of Primary Motor Cortex EEG for Continuous Bimanual Movements""4th International Conference on Advanced Computing, Networking, and Informatics (ICACNI)"September 2016 NIT Rourkela, India.
- 4 Shaik Mohammad Rafi B, Manikumar T "Phase Reversal and Suppressed Carrier Characteristics of Neo- Cortical Electroencephalography Signals"4th International Conference on Advanced Computing, Networking, and Informatics (ICACNI)" September 2016NIT Rourkela, India.
- 5 G. Ramesh, et al Characterization of microstructure and hardness of friction stir welded brass plate International Conference on Advanced Materials and Applications (ICAMA 2016)15-17 June 2016 BMS College of Engineering , Bangalore.
- 6 B.N. Lakshminarasappa et al Luminescence and ESR investigation of gamma and beta irradiated Y2O3:Eu3+ nanophosphors National inference on Luminescence and its applications.February 18-20,2016 Nagpur, India
- 7 B.N. Lakshminarasappa et al Enhancement of green emission from Y2O3: Tb by swift heavy ion National conference on Materials for specific applications.February 18-20, 2016 Nagpur, India.
- 8 B.N. Lakshminarasappa et al Ionoluminescence of oxide nanophosphors National conference on Materials for specific applications. February 18-20, 2016 Nagpur, India.

### 5.2.2 Journals

- 1 Tirupathi P, Anil T, Nawanith K , Mukul P and RNP Choudhary, "Effect Of Sr-Substitution On Structural, Dielectric And Impedance Characteristics Of MPB-PZT" Advanced Matter letters.
- 2 K. Santarao, G. Musalaiah, K. Mohanakrishna Chowdary, "Finite Element Analysis of a Four wheeler Auotomobile car Chassis" Indian Journal of Science and Technology.
- 3 Punya Murthy kathari, Amarendra Kumar S, G avinash and Sravana P, "Rheological properties of Polypropylene Reinforced Asphalt Binder", Transportation Infrastructure Geotechnology.
- 4 R. S. Rao, V. Pralong and U. V. Varadaraju, "Facile Synthesis and Lithium Reversible Insertion on Iron Hydrated Trifluorides  $\text{FeF}_3 \cdot 0.5\text{H}_2\text{O}$ ", Materials Letters.
- 5 R. S. Rao, V. Pralong and U. V. Varadaraju, "Facile synthesis and reversible lithium insertion studies on hydrated iron trifluoride  $\text{FeF}_3 \cdot 0.33\text{H}_2\text{O}$ " Solid state Sciences.
- 6 Tirupathi Patri et. al., "Effect of oxygen annealing on the multiferroic properties of  $\text{Ca}^{2+}$  doped  $\text{BiFeO}_3$  nanoceramics" Journals of applied Physics 2016 116/244105 244105-14 ISSN: 0021-8979(Impact factor 2.12).
- 7 Tirupathi Patri et. al., Diffuse Phase transitions in  $\text{Pb}(\text{Zr}_{0.65}\text{Ti}_{0.35})\text{O}_3$ -  $\text{Pb}(\text{Fe}_{2/3}\text{W}_{1/3})\text{O}_3$  Multiferroics Journals of applied Physics 2016 117/074105 74105-8 ISSN: 0021-8979, (Impactfactor 2.12, 2 citation).
- 8 Tirupathi Patri et. al., "Effect Of Sr-Substitution On Structural, Dielectric And Impedance Characteristics Of MPB-PZT" Advanced materials letter 2016 Vol: 7(10) , 918-925, ISSN : 0976-3961(Impact factor 1.99) 0 citations).
- 9 Tirupathi Patri et. al., "Raman and Dielectric Spectroscopic Analysis of Magnetic Phase Transition in  $\text{Y}(\text{Fe}_{0.5}\text{Cr}_{0.5})\text{O}_3$  Multiferroic Ceramics", Ceramic ternational 2016 42,12, 13834-13840, ISSN : 0272-8842, (Impact factor 2.77) 0 citations).
- 10 Tirupathi Patri et. al., Origin of giant dielectric permittivity and weak ferromagnetic behavior  $(1-x)\text{LaFeO}_3$ - $(x)\text{BaTiO}_3$  ( $0.0 \leq x \leq 0.25$ ) solid solutions", Journals of advanced dielectrics 2016 Vol. 6, No. 4 1650031(8 pages) ISSN : 2010-135X, 0 citations).
- 11 G Bhanu kiran et al. "Performance evaluation of grinding wheels impregnated with graphene nanoplatelets", The International Journal of Advanced Manufacturing Technology 2016 ,Vol 85 Issue 9.

- 12 MERAM MUNIRATHNAM et. al. "Prime Cyclic Rings", International Journal of Mathematics Trends and Technology (IJMTT). 2016 V31(1):5-7, 31 issue: 1 ISSN:2231-5373.
- 13 MERAM MUNIRATHNAM et. al."Some Results For Semi Derivations of Prime Near Rings", International Journal of Mathematics And its Applications 2016 Volume 4, Issue 1{C (2016), 41-44 ISSN: 2347-1557.
- 14 MERAM MUNIRATHNAM et. al."semi prime derivations alternator rings" International Journal of Scientific & Engineering Research 2016 Volume 6, Issue 9, September ISSN 2229-5518.
- 15 MERAM MUNIRATHNAM et. al."Simple Antiflexible Rings" International Journal of Scientific & Engineering Research, 2016 Volume5, Issue3, March 2014,.ISSN 2229-5518.
- 16 B. Konda Reddy, C. Balaji "Bayesian estimation of heat flux and thermal diffusivity using liquid crystal thermography", International Journal of Thermal Sciences 2016 8731-48 .
- 17 Y.Suravardhana Reddy et.al "The Effect of NCT Techniques on SC-FDMA System in presence of HPA", International Journal of Research in Computer and Communication Technology 2016 Vol 3, Issue 8, August - 2014"Page 844-848 /ISSN (Online) 2278- 5841.
- 18 A. Venkataramana "Strengthening English Language and Learning". Excel India Publishers, New Delhi.2016 ISBN NO. 978-93- 83842-50-6.
- 19 A. Venkataramana, "English Language and Learning: Issues and Challenges", ELTA@I Tirupati Chapter, Andhra Pradesh. 2016 ISBN NO. 978-93- 5126-355-5.
- 20 B.N. Lakshminarasappa, et.al , "Ion beam induced luminescence studies of sol gel derived Y2O3:Dy3+ nanophosphors", Journal of Luminescence 2016Volume 169 Pages 627–634.
- 21 B.N. Lakshminarasappa, et.al "Synthesis characterization and luminescence studies of gamma irradiated nanocrystalline yttrium oxide Spectrochimica Acta Part A: Molecular and Bio molecular Spectroscopy 2016 Volume 154 Pages 220–231.
- 22 B.N. Lakshminarasappa, et.al "Ion Beam Induced Cubic to Monoclinic Phase transformation of Nano crystalline Ytria", Nuclear Instruments and Methods in Physics Research B 2016 Volume 379 Pages 73-77.
- 23 B.N. Lakshminarasappa, et.al "Effect of 100 MeV swift Si8+ ions on structural and thermo luminescence properties of Y2O3:Dy3+ nano phosphor", Radiation effects and Defects in Solids 2016 Volume 171, No.5-6 Pages 408-420

- 24 B.N. Lakshminarasappa, et.al Effect of lithium incorporation on luminescence properties of nanostructured Y<sub>2</sub>O<sub>3</sub>:Sm<sup>3+</sup> thin films Journal of Analytical and Applied Pyrolysis 2016 (In Press).

### 5.2.3 Sponsored Research Projects

1. B. Konda Reddy and K. Dinesh Reddy, "*Design and development of Bio-mass fired Gas stoves*" sponsored by MHRD in Feb 2016, cost of the project is Rs 97.8 Lakhs
2. G. Ramesh, "Assessment of wetting and heat transfer characteristics of edible and non-edible vegetable oils for industrial heat treatment" SERB Young Scientists Scheme (Fast Track) Project – cost of the project is Rs 26.05 (Ongoing)
3. P. Tirupathi, "Exploring of magnetic structure and spin dynamics in doped Bismuth Titanate Bi<sub>4</sub>Ti<sub>3</sub>O<sub>12</sub> multiferroics from nano to bulk crystallites" sponsored by UGC-DAE CRS BARC Mumbai of work Rs 10 Lakhs

### 5.3 Faculty Council

The Faculty Council is the representative body for the faculty of IIIT RK Valley. It serves as a common platform for the mutual exchange of policies between institute administration and the faculty.

The following are the members of Faculty Council

S. No	Name	Designation
1	Prof. G. Bhagavannarayana, Director, IIIT R K Valley	Chairman
2	Dr. S. Raghupati Rao, Lecturer in Dept. of Chemistry	Convener
3	Mrs. P. Meenakshi Devi, Asst. Prof. in Dept. of ME	Co-Convener
4	Dr. G. Ramesh, Asst. Prof. in Dept. of MME	Member
5	Mr. R. Lakshmana Naik, Lecturer in Dept. of CHE	Member
6	Mr. P. Ravi Kumar, Asst. Prof. in Dept. of CSE	Member
7	Ms. G. Lakshmi Shireesha, Lecturer in Dept. of ECE	Member
8	Mr. A. Sudhir Kumar, Lecturer in Dept. of Mathematics	Member
9	Mr. P. Veera Raghava Reddy, Mentor in Dept. of Physics	Member
10	Dr. B. Hemavathi, Mentor in Dept. of Biology	Member
11	Mr. N. Satyanandaram, Mentor in Dept. of IT	Member

The following are the activities and decisions taken in Faculty Council meeting

- 1 Regulations to register in Ph.D. Program for the faculty members
- 2 Regulations to guide PhD research scholars
- 3 Providing contingency and establishing office for each department
- 4 Availing the services of Pediatrician and Gynecologist in the hospital at least twice in a week and other specialists once in a week
- 5 Counselling unit for students has to be established
- 6 Establishment of school (Kendriya Vidhyalaya) in the campus
- 7 Parking sheds for vehicles at quarter and academic premises
- 8 Avoiding Poultry at residing areas of the campus
- 9 Proper waste management at quarter premises
- 10 Bus service from academic premises and to Vempalli at least once in a week.

## **6. Students**

The students of IIIT R K Valley have showcased their creativity exceptionally well during their stay in the institute. Carrying on the baton of excellence in overall performance from their seniors, the students have been an epitome and a guiding light to their juniors and a source of learning for the Institute. In learning and innovatively building new things, our students have proven their worth to get into society with confidence and ready to face the turbulent job market and make their mark in the society.

## 6.1 Admissions

For the academic year 2016-17 over 30000 students applied for their admission into RGUKT, among them 883 students got admission into IIIT R K Valley campus based on their performance in SSC exams and following the rule of reservations. Out of 883 students, 472 are girl students and 411 are boy students. The details of students admitted category wise, over all cut off GPA of the student category wise, total admitted students region wise, total admitted students school management wise are given below tables.

**Table 6.1 Total Admitted Students Category Wise**

Gender	BC-A	BC-B	BC-C	BC-D	BC-E	OC	SC	ST	Grand Total	Percentage
Female	62	87	4	46	34	156	60	23	472	53.45%
Male	50	90	3	42	29	88	88	21	411	46.55%
Grand Total	112	177	7	88	63	244	148	44	883	100.00%

**Table 6.2 Over all cut off GPA Category Wise**

Gender	BC-A	BC-B	BC-C	BC-D	BC-E	OC	SC	ST	Final Cut off
Female	10.1	10.1	9.7	10	10.1	10.1	9.9	9.7	9.7
Male	10.1	10.1	9.7	10	10.1	10.1	9.9	9.7	9.7



**Table 6.3 Seat Matrix**

Total Available Seats									770	
CAP Category (2 %)									15	
Remaining Seats									755	
Open Merit Allocation (15 %)									113	
SVU Allocation (85 %)									642	
After Special Category(NCC/CAP/Sports/PH) (4.50 %) available seats in Merit Allocation									109	
After Special Category(NCC/CAP/Sports/PH) (4.50 %) available seats in SVU Allocation									612	
Allocation Type	Gender	BC-A	BC-B	BC-C	BC-D	BC-E	OC	SC	ST	Grand Total
		7%	10%	1%	7%	4%	50%	15%	6%	100%
Merit Allocation Total		8	11	1	8	4	54	16	6	108
Merit Allocation (15%)	Open	5	7	1	5	3	36	11	4	72
	Female	3	4	0	3	1	18	5	2	36
SVU Allocation Total		42	61	6	42	25	307	92	37	612
SVU Allocation (85%)	Open	28	41	4	28	17	206	62	25	411
	Female	14	20	2	14	8	101	30	12	201
Grand Total Allotted		50	72	7	50	29	361	108	43	720
BC – A/D (1 Seat) in Merit Allocation, Grand Total										721

**Table 6.4 Total Admitted Students Region Wise**

Region	Gender	BC-A	BC-B	BC-C	BC-D	BC-E	OC	SC	ST	Grand Total	Percentage
<b>AU</b>	Female		2	1	4		13	2		22	51.16%
	Male		3		3		8	7		21	48.84%
AU Total			<b>5</b>	<b>1</b>	<b>7</b>		<b>21</b>	<b>9</b>		<b>43</b>	<b>100.00%</b>
<b>OU</b>	Female		1				1		1	3	37.50%
	Male		2					2	1	5	62.50%
OU Total			<b>3</b>				<b>1</b>	<b>2</b>	<b>2</b>	<b>8</b>	<b>100.00%</b>
<b>SVU</b>	Female	62	83	3	42	34	142	57	22	445	53.74%
	Male	50	85	3	39	29	78	79	20	383	46.26%
SVU Total		<b>112</b>	<b>168</b>	<b>6</b>	<b>81</b>	<b>63</b>	<b>220</b>	<b>136</b>	<b>42</b>	<b>828</b>	<b>100.00%</b>
<b>Other</b>	Female		1					1		2	50.00%
	Male						2			2	50.00%
Other Total			<b>1</b>				<b>2</b>	<b>1</b>		<b>4</b>	<b>100.00%</b>
Grand Total		<b>112</b>	<b>177</b>	<b>7</b>	<b>88</b>	<b>63</b>	<b>244</b>	<b>148</b>	<b>44</b>	<b>883</b>	

Other – From Other than Andhra Pradesh and Telangana

**Table 6.5 Total Admitted Students School Management Wise**

SSC School Management Type	No of Students Admitted
Government	768 (87 Model School)
Government-Aided	2
Government-Kendriya	9
Government-Residential	8
Government-Social	4
Government-Tribal	3
Private	89
Grand Total	<b>883</b>

## 6.2 Examination Evaluation Pattern

Each registered course will be evaluated for 100 marks and based on the marks gained; the six point letter grade will be allotted to each course individually. In the process of evaluation, each course will be evaluated in two stages: Monthly Assessment Tests (MAT) and End Semester Test (EST). Three MATs and one EST will be conducted for each course. Each MAT is for 20 marks. Out of three MATs, best of two MAT marks will be considered. EST is for 60 marks.

### GENERAL INFORMATION

1. The six point letter grade system followed by the university in assessing student's performance in a course is as follows:  
In addition, there exists one Letter Grade, P (pass) to show the status of a non-credited course
2. The asterisk (\*) on the top of the grade indicates that the grade is obtained in a supplementary examination and weightage of one grade less is considered for CGPA and SGPA calculation. However, D\* weightage is same as grade D.
3. A Semester Grade Point Average (SGPA) will be computed for each semester. The SGPA is calculated as follows:

Performance	Letter Grade	Grade Point value per Credit
Excellent	Ex	10
Very Good	A	9
Good	B	8
Fair	C	7
Average	D	6
Fail	R	0

$$SGPA = \frac{\sum_{i=1}^n C_i GP_i}{\sum_{i=1}^n C_i}$$

Where  $C_i$  = Credit for the course.  $GP_i$  = the Grade Points per credit obtained for the course and the summation over all the 'n' courses taken in that semester.

4. A Cumulative Grade Point Average (CGPA) will be computed for every student at the end of each semester. The CGPA would give the cumulative performance of a student from the first semester upto the end of the semester to which it refers and calculated as follows.

$$CGPA = \frac{\sum_{i=1}^m S_i CP_i}{\sum_{i=1}^m CP_i}$$

Where 'm' is the total number of semesters under consideration,  $CP_i$  the total number of credits registered for during a particular semester and  $S_i$  is the SGPA of that semester. Both SGPA and CGPA will be rounded off to the second place of decimal and recorded as such.

The students who secure highest CGPA in their respective engineering branches would be awarded with gold medal in the convocation. The details of 2016 passed out students with highest CGPA in each branch of engineering is given below.

S.N o.	Department	ID Number	Name of the student	CGPA
1	Civil Engineering	R101133	P Sravani	9.40
2	Chemical Engineering	R102002	Y Nagarjuna	8.86
3	Computer Science& Engineering	R101939	K Vedaasree	9.47
4	Electronics & Communication Engineering	R101398	N Divya Sri	9.83
5	Mechanical Engineering	R101293	K Karunakar Reddy	9.47
6	Metallurgical & Materials Engineering	R101375	C Lokesh	9.16

### 6.3 Wi-Fi and LAN facilities in the class room

All education is mediated through the use of Information and Communication technologies. Each academic complex is being connected by high speed LAN which extends to each student's desk and a laptop is provided to each student right from his or her first year.



Figure : Classrooms at IIIT R K Valley

In coherence with the vision of Hon'ble Chief Minister and our Chancellor, as a further move towards the fully Wi-Fi enabled campus, recently we have installed Wi-Fi in the Lab Complex, Central Library and the APSSDC Skill Development Centers in ECE and Mechanical Engineering Departmental buildings. These are in

addition to the existing AV & Wi-Fi facilities in Academic Blocks, Hostels and Guest House.

Wi-Fi facility has been extended to the newly constructed Library and Skill Development Centers. Five MOOC Lecture Halls in Central Library and two in Lab Complex have been established with modern Audio-Video systems with uninterrupted power supply. The Institute has implemented Biometric Attendance System for all students and staff members.

The campus is on the verge of becoming a fully Wi-Fi campus with majority of the installation having been completed and all efforts being made to dramatically improve the bandwidth from its current capacity. The Institute has taken 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, which was launched at the same juncture last year.

#### **6.4 e-mail facility**

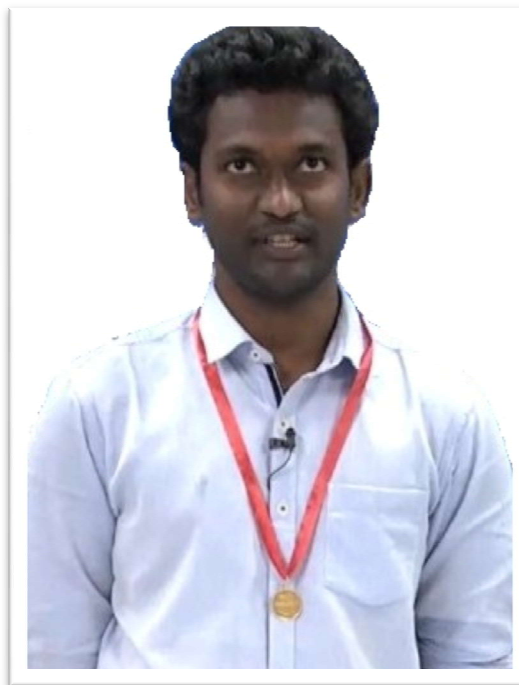
All students are instructed to use e-mail and for any doubts regarding the usage of e-mail, they may take the help of IT teachers or software Engineers. For all the students the institute is providing one RGUKT e-mail account with ID No. @rguktrkv.ac.in. For all official e-mail communications one should use the institute mail only. For any complaint regarding hostel and their stay in the campus one should send the mail to the warden first and if there is no response, he or she is supposed to send it to Dean, Student Welfare and next to the Administrative Officer and then to the Director. If there is any complaint regarding academy, the students should send the mail to their class teacher, next to the HOD, then to the Dean, Academy and finally to the Director as per the need.

- As of now WiFi equipment have been installed in following places,
- BH1, BH2, GH1, GH2 (200 access points)
- Guest House (6 access points)
- Central Library (MOOC Lecture halls)
- UPS facility is provided in above said locations
- We have also initiated talks with Special Chief Secretary to the CM regarding AP Fiber net in campus.

- We have also initiated talks with JIO for installation of WiFi equipment throughout the campus and JIO personal have conducted a preliminary survey.
- We are in the process of creating a Fiber Back bone which will serve entire campus (which includes new departmental buildings, Staff quarters and CCTV cameras installed throughout the campus)
- As of now, we have ESSL K990 (42 No.) bio metric device installed in campus, which registers students and staff biometric attendance locally.  
Following are the items for which we have released notice inviting quotations:
  - IRIS based aadhaar biometric devices (5 No.) for biometric devices for specially abled students.
  - Aadhar Enabled biometric devices (50 No.) for biometric attendance as per A.P Government norms

### 6.5 Ranks in GATE-2017

The Graduate Aptitude Test in Engineering Exam was organised by IIT Roorkee in the month of February 2017. The students of IIIT R K Valley excelled in GATE-2017 with top ranks in each branch of engineering.



Mr. Sudheer of IIIT R K Valley secured All India Rank **1** in GATE-2017 in Mechanical Engineering

Our Mechanical Engineering student, Mr. Sudheer secured All India Rank 1 in Mechanical Engineering in GATE-2017. Other prominent ranks in GATE examination are given in the Table below which reflects the strength of academics at IIIT R K Valley campus.

S. No.	Name of the student	Department	All India Rank in GATE-2017
1.	Mr. Sudheer	Mechanical Engineering	1
2	Mr. Anand	ECE	9
3	Mr. Hari Prakash	Civil Engineering	17

The summary of GATE Ranks secured by the students of IIIT RK Valley is given below.

GATE 2017 Ranks Summary from RKV			
Department	No. of students secured Ranks below 1000	No. of students secured Ranks below 5000	No. of students secured Ranks below 10000
CHE	0	1	0
CE	1	4	5
CSE	1	4	1
ECE	4	0	0
ME	1	4	1
MME	1	0	0
Total	8	13	7

## 6.6 Students all round achievements

- R121665 :
  - Folk group dance
    - Division level – First Prize
    - District level – First Prize
    - State level – Participation
  - Silicon Andhra Guinness Record by performing Classical Kuchipudi



- R131432 :
  - IoT based National conference at Tirupathi – First Prize under the guidance of Mr. Sandeep Kumar Reddy, RGUKT, RK Valley.
  - IoT based National conference at Vijayawada – First Prize under the guidance of Mr. Md. Abdul Aziz, RGUKT, RK Valley.
- R131380 :
  - IoT based National conference at Tirupathi – First Prize under the guidance of Mr. Sandeep Kumar Reddy, RGUKT, RK Valley.
  - IoT based National conference at Vijayawada – First Prize under the guidance of Mr. Md. Abdul Aziz, RGUKT, RK Valley.
- R131650 :
  - IoT based National conference at Tirupathi – First Prize under the guidance of Mr. Sandeep Kumar Reddy, RGUKT, RK Valley.
  - IoT based National conference at Vijayawada – First Prize under the guidance of Mr. Md. Abdul Aziz, RGUKT, RK Valley.
- R131440 :
  - IoT based National conference at Tirupathi – First Prize under the guidance of Mr. Sandeep Kumar Reddy, RGUKT, RK Valley.
  - IoT based National conference at Vijayawada – First Prize under the guidance of Mr. Md. Abdul Aziz, RGUKT, RK Valley.
- R131336 :
  - IoT based National conference at Tirupathi – First Prize under the guidance of Mr. Sandeep Kumar Reddy, RGUKT, RK Valley.
  - IoT based National conference at Vijayawada – First Prize under the guidance of Mr. Md. Abdul Aziz, RGUKT, RK Valley.
- R131874 :
  - IoT based National conference at Tirupathi – First Prize under the guidance of Mr. Sandeep Kumar Reddy, RGUKT, RK Valley.
- R131454 :
  - IoT based National conference at Tirupathi – First Prize under the guidance of Mr. Sandeep Kumar Reddy, RGUKT, RK Valley.

- R13582 :
  - Attended workshop on Image Processing using MAT LAB at RGUKT, RK Valley.
- R141553:
  - Smart City PPT Presentation at KORM College got First Prize under guidance of Mr. N Chandra Shekar, RGUKT, RK Valley
- R141561:
  - Smart City PPT Presentation at KORM College got First Prize under guidance of Mr. N Chandra Shekar, RGUKT, RK Valley
- R141270:
  - Gunnies Record by performed Kuchipudi dance at Vijayawada
  - Got 2<sup>nd</sup> Prize by performed SrinivasaKalyanam at RGUKT, RK Valley.
  - Got 1<sup>st</sup> Prize for NSS Essay Writing at RGUKT, RK Valley.
- R141743:
  - Eenadu Cricket Championship Tournament Trophy at Kadapa – Runners
- R141200:
  - Eenadu Cricket Championship Tournament Trophy at Kadapa – Runners
- R141928:
  - Got 3<sup>rd</sup> Prize by performed Drawing at NSS, Rajamundry.
- R141423:
  - Gunnies Record by performed Kuchipudi dance at Vijayawada
  - Got 2<sup>nd</sup> Prize by performed Srinivasa Kalyanam at RGUKT, RK Valley.
- R141499:
  - Attended Entrepreneur awareness camp workshop at Basara
- R141443:
  - Got 3<sup>rd</sup> Prize for Hackathon at RGUKT, RK Valley.
  - Selected Poster Presentation named as Cashless Transactions by NSS.
  - Got 3<sup>rd</sup> Prize Debate Competition named as Cashless Transactions.
- R141048:
  - Attended Android Control Robotics workshop at IISc. Bangalore.

- R141059:
  - Got 1<sup>st</sup> Prize for performed Western Dance Competition.
  - Got Extra Prize for performed Western Dance Competition at RGUKT, RK Valley.
- R141629:
  - Folk dance
    - District Level – 1<sup>st</sup> Prize
    - Division Level – 1<sup>st</sup> Prize
    - State level : Participation
- R141050:
  - Senior State power lifting – Bench press – Silver Medal
  - University Sports Meet – Bronze Medal
  - Junior state Power Lifting champion ship – 2 Bronze Medals
- R141813:
  - Got Second Prize in Singing Competition at RGUKT, RK Valley Convocation - 2.
- R141345:
  - Qualified to Final Round in Hackathon at RGUKT, RK Valley.
- R141880:
  - Got 1<sup>st</sup> place in Hackathon at RGUKT, RK Valley
  - Got 1<sup>st</sup> Place in Math Talent Test
- R141191:
  - Got 1<sup>st</sup> Prize in National Science day at RGUKT, RK Valley
  - Presented Project Expo using Perpetual motion machine produce electricity.
  - Winners of the hockey team at RGUKT, RK Valley.

## 6.7 ZF Innovation Challenge



The third prize winners, RGUKT-RK Valley for the project Smart Irrigation and Monitoring System

ZF Technologies, a more than 100 year old company is a most admired one among the Fortune 500 companies. ZF technologies organised an Innovation Challenge on the occasion of its inauguration of a new technology centre at Hyderabad. Eight of IIIT R K Valley students in two teams participated in the competition and our two teams grabbed the 1<sup>st</sup> and 3<sup>rd</sup> places in the ZF Innovation Challenge which reflects the technical capabilities of IIIT R K Valley students. The occasion was graced by the presence of Mr. K T Rama Rao, Minister of IT, Govt. of Telangana.

Hundreds of teams competed in the challenge in several rounds. Among these teams only 42 teams from various Universities of Andhra and Telangana were shortlisted for quarter finals and demonstrated their working models at Hyderabad on 24<sup>th</sup> February 2017. Finally, the following four teams declared winners in which two are from IIIT R K Valley:

S No	Prize	Institute	Working Model
1	1 <sup>st</sup> Prize	IIIT R K Valley, RGUKT-AP	Autonomous Driving Vehicle
2	2 <sup>nd</sup> Prize	BITS Pilani, Hyderabad campus	Smart window cleaner
3	3 <sup>rd</sup> Prize	IIIT R K Valley, RGUKT-AP	Smart Irrigation Monitoring system
4	3 <sup>rd</sup> Prize	SRK Engineering college, Bhimavaram	Driver drowsiness detection by pupil detection

The Smart Irrigation Monitoring system developed by the student of IIIT R K Valley is an innovative project executed in half acre land in the campus. It helps the farmers in pumping sufficient amount of water to the crop with minimum wastages. A moisture sensor is implanted into the soil, whenever, the moisture content in the soil decreases certain defined value, the microcontroller connected to the moisture sensor would pump the water in a controlled manner. Once the water content reaches a maximum value, the pumping of water would stop automatically without any human intervention. The concept is simple; however, it was executed in real life situation.

### **6.8 Career Development and Placement Cell**

Apart from providing top class education the novel method of teaching and learning through Information and Communication Technology (ICT), Career development and Placement Cell (CDPC) is established to act as a catalyst in providing students with various facilities that support career decision-making, exploration and building and provide opportunities to develop confidence and skills that are necessary to choose proper and right career.

Dr M. Amaranatha Reddy, Faculty of Civil Engineering on deputation from IIT Kharagpur has served as first Faculty-in-charge (FIC), Career Development and Placement cell from January 2013 onwards. Further, Prof R. Bhaskaran, a former Professor-in-charge of placements at IIT Kharagpur is on honorary advisory role and helping in activities of CDPC.

Career Development and Placement Cell is developed at IIIT R.K.Valley campus. Currently, Mr. R. Lakshman Naik, faculty in Chemical Engineering appointed as Campus Placement In-charge (CPI) and Mr. Swarna Ashok, Faculty in Electrical Engineering appointed as Assistant Campus placement In-charge (ACPI) and Mr. G. S. Sundar performing his duties as Placement officer (PO) are taking care of all activities of CDPC at IIIT R. K. Valley campus.

#### **Objectives of Career Development and Placement Cell (CDPC)**

- Guides and helps in imparting quality practical experience through internship opportunities
- Confidence building to face personal and group discussion interviews of job recruiters
- Employment opportunities through campus placements by inviting reputed companies

- 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 of A.P.
- Information on off- campus job and research position opportunities
- Guides in higher education and research opportunities

## 6.9 Summer Internships

- All 3<sup>rd</sup> year B. Tech students from three campuses (total 6000) including from IIIT R.K. Valley have undergone summer internships of 08 week duration in prominent organizations like AMAZON, BARC, BSNL, DMRL, ECIL, Hindustan Ship Yard, HMT, IICT, NRSC, SAIL, TCS, Vizag Steel Plant, etc as a part of their curriculum.
- Apart from these, students have also successfully undergone summer internship in Andhra Pradesh State Irrigation Department, Road Transport Corporation (APSRTC), A.P Genco, A.P TRANSCO.
- Successful internship in relevant organizations make the students have exposure to job-work, suitable for employment and RGUKTians
- perfectly fit into this category



**Figure: students during their summer internship**

# PLACEMENT STATISTICS OF RK-VALLEY 2016-17

Sl. No	Name of the Company	BRANCH WISE SELECTED LIST																				
		CSE			ECE			MECH			CHEM			CIVIL			MME			TOTAL		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Discovery Idea Labs	2	2	4	1	1	2			0			0			0			0	3	3	6
2	Cigital Asia pvt Ltd	1	0	1			0			0			0			0			0	1	0	1
3	Rockwell industries			0			0	9	1	10			0			0			0	9	1	10
4	PRODX	1	0	1			0			0			0			0			0	1	0	1
5	WIPRO	8	4	12	14	13	27	3	1	4			0			0			0	25	18	43
6	NETENRICH	2	3	5			0			0			0			0			0	2	3	5
7	TCS	1	4	5	9	4	13	2	0	2	0	0	0	1	0	1	0	0	0	13	8	21
8	TechMahindra	0	0	0	6	2	8	3	0	3			0	0	1	1			0	9	3	12
9	Osmosys	0	0	0	0	0	0			0			0			0			0	0	0	0
10	MedhaIndia			0	0	0	0	0	0	0			0			0			0	0	0	0
11	Alacriti info systems	3	2	5			0			0			0			0			0	3	2	5
12	Efftronics	2	2	4	2	1	3	1	0	1			0			0			0	5	3	8
13	Way2Online	8	5	13			0			0			0			0			0	8	5	13
14	Polmon(17+3+2+1)	0	1	1	3	5	8	8	0	8	2	4	6			0			0	13	10	23
15	TCS-Codevita	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3
16	Nutra Specilities pvt ltd.			0			0			0	6	2	8			0			0	6	2	8
17	Color Software	4	1	5			0			0			0			0			0	4	1	5
18	Saksham&nort east broking cmnpy	3	2	5	5	0	5			0			0			0			0	8	2	10
19	GoLive	2	1	3			0			0			0			0			0	2	1	3
20	Effectual			0			0			0			0			0			0	0	0	0
21	Net connect			0			0			0			0			0			0	0	0	0
22	Infosys	4	1	5	1	3	4			0			0			0			0	5	4	9
23	Plianto technologies	1	0	1	3	0	3			0			0			0			0	4	0	4
24	Tessolve			0	7	1	8			0			0			0			0	7	1	8
25	Thoughtworks			0			0			0			0			0			0	0	0	0
26	Vee Technologies			0			0	1	0	1			0			0			0	1	0	1
27	Aarvee Associates			0			0			0			0	5	1	6			0	5	1	6
28	ECLAT			0			0			0			0	2	2	4			0	2	2	4
29	Discovery Laboratories			0			0			0	7	0	7	0	0	0			0	7	0	7
30	Mfinos	0	1	1			0			0			0			0			0	0	1	1
31	way2Online - offcampus	2	1	3			0			0			0			0			0	2	1	3
32	Rayalaseema Alkalies(off campus)	0	0	0			0			0	3	0	3			0			0	3	0	3
33	Ctrl's data centers(off campus)	0	0	0	0	1	1			0			0			0			0	0	1	1
34	vedaIIT(off campus)-soctronics	0	0	0	0	1	1			0			0			0			0	0	1	1
35	Cloud Big data technologies(off camp)	0	1	1			0			0			0			0			0	0	1	1
36	MindTree			0	2	0	2												0	2	0	2
37	Athiberi			0													15	0	15	15	0	15
	Geo infosys	0	1	1																0	1	1
<b>Total selected students</b>		<b>45</b>	<b>34</b>	<b>79</b>	<b>53</b>	<b>32</b>	<b>85</b>	<b>27</b>	<b>2</b>	<b>29</b>	<b>18</b>	<b>6</b>	<b>24</b>	<b>8</b>	<b>4</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>166</b>	<b>78</b>	<b>244</b>



### R12\_Internship companies

Sl. No	Name of the Company	BRANCH WISE SELECTED LIST																				
		CSE			ECE			MECH			CHEM			CIVIL			MME			TOTAL		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
38	Efftronics(Internship)	2	1	3	2	3	5			0			0			0			0	4	4	8
39	saksham(internship)	5	2	7			0			0			0			0			0	5	2	7
40	Intel(Internship)	0	0	0	1	1	2			0			0			0			0	1	1	2
41	Way2online(intern-E3-16&E4_3)	11	5	19			0			0			0			0			0	11	5	16
42	Akamai(E3_cse-intern)	5	2	7			0			0			0			0			0	5	2	7
43	meeami technologies(intern)	0	0	0	0	4	4			0			0			0			0	0	4	4
44	KOACHR(internship_cse)	4	0	4			0			0			0			0			0	4	0	4
45	OYO rooms pvt. Ltd(internship)			0	1	0	1			0			0			0			0	1	0	1
46	IB Group(Intern_all branches)	1	2	3	0	1	1			0			0			0			0	1	3	4
47	IIT kharag(ir(internship)			0			0			0			0	3	1	4			0	3	1	4
48	Introsotftech(intern)	9	11	20			0			0			0			0			0	9	11	20
49	uolo(intern)	1	0	1			0			0			0			0			0	1	0	1
50	Hamari mitti	0	6																	0	6	6
51	IIT Medras							1	0											1	0	1
52	Aconex	3	0																	3	0	3
	Internship total selected	41	29	64	4	9	13	1	0	0	0	0	0	3	1	4	0	0	0	49	39	88
53	ZF Automobile(E3_6&E2_2)			0	8	0	8			0			0			0			0	8	0	8
	E3 total selected	41	29	64	12	9	21	1	0	0	0	0	0	3	1	4	0	0	0	57	39	96
	Grand total	86	63	143	65	41	106	28	2	29	18	6	24	11	5	16	0	0	0	223	117	340

### Statistics of RK Valley 2017

E4 placements									E3_Internship			Grand Total
Branch	Total Strengt	Not Register	Registered			selected			Selected			
			Total	Male	Female	Total	M	F	M	F	Total	
CSE	191	3	188	86	102	79	45	34	43	29	72	151
ECE	190	4	186	113	73	85	53	32	10	9	19	104
MECH	188	4	184	135	49	29	27	2	1	0	1	30
CHEM	72	0	72	24	48	24	18	6	0	0	0	24
CIVIL	189	7	182	103	79	12	8	4	3	1	4	16
MME	116	3	113	56	57	15	15	0	0	0	0	15
TOTAL	946	21	925	517	408	244	166	78	57	39	96	340



## 6.10 Students' welfare measures

### Students Accommodation





Since IIIT R K valley is a fully residential campus, separate Hostel facility is provided for Girl and Boy students. Total 6 hostels are available to accommodate 6000 students of IIIT R K valley and 1001 students of IIIT Ongole. Out of 6 hostels 3 hostels are allocated for boys and 3 hostels for girl students. Two hostels (each one for boy and girl students) is available in the old campus for PUC students.

S.No	Hostel Name		No. Students	Total
1	PUC – Girls Hostel (PUC-I students)	Θ (Theta) Block (Ongole students)	520	987
		P (Rho) Block (RKV Students)	467	
2	PUC – Boys Hostel(PUC-I students)	α (Alpha)Block ( RKV Students)	288	862
		B (Beta) Block (RKV Students)	117	
		Γ (Gamma) Block (Ongole students)	264	
		δ (Delta) Block (Ongole students)	193	
3	Engg – GH-I(Girls Hostel)	E2 - Students	457	939
		E3 - Students	482	
4	Engg – GH-II(Girls Hostel)	PUC –II Students	479	1354

## **6.11 Hostel room facility**

The hostel rooms are generally called as “Dorms” at IIIT R K Valley campus. The Dorms are allotted to students on sharing basis. Each Dorm is equipped with a minimum set of furniture and fittings, consisting of a cot with bed, blanket, bed sheets/bed spray, pillow for each inmate as well cupboard (if possible), ceiling fan and reasonable light fitting to the students.

### **Wi-Fi**

- Each hostel is enabled with Wi-Fi access. External internet usage of 1 GB per day is permitted for each student in predefined timings (10 PM to 8 AM).

### **Recreation Rooms**

- National and regional Newspapers are provided in common room.
- A big wall mounted Television with home theatre is available for the entertainment of the residents.

### **Water facilities**

- Each hostel is provided with RO drinking water and utility water is provided round the clock

### **Waiting and Sick Rooms**

- Parents’ waiting rooms are provided in each hostel to facilitate parents of the students during visiting hours.
- Sick rooms are provided for students to take bed rest during working hours in case of any illness.

### **Hygiene and cleanliness**

To maintain hygiene and cleanliness in hostel, house keepers are appointed to clean the hostel premises and toilets every day.

## 6.12 Extra-Curricular activities

If Academics are the walls then Extra-Curricular activities are the frescos on them which add spectacular grandeur to the plain walls of academia. Two teams of IIIT RK Valley Students were selected for NASA International Space Development Conference (ISDC 2016). A student of CSE First Year Mr. A.V. Yugesh secured the National Level Runner-up position in the Tata Building India Essay Competition and he was invited to meet the Hon'ble President of India. A total of 17 students were awarded "Pratibha Awards" in 2016 in B. Tech for their exemplary merit. Two student teams got first prize in Engineering Working Model Presentation in an International Conference on emerging trends in Sustainable Energy Technologies for Smart and Clean Cities held at IIT Tirupati. The list has many more achievements and we wish this spirit continues endlessly. Sports Activities are another area where we encourage our students to actively participate and this has resulted in their achieving laurels at district and state level sports meets comprising of sports like Hockey, Gymnastics, Swimming and Power Lifting.

## 6.13 Physical Education & Sports

***"Our main motto is to achieve Goals and prove our organization and best state and national level as well as in the country."***

Since IIIT R K Valley is a fully residential campus and according to our curriculum Physical training classes are conducting every day in the morning at 5.30 to 7.00 AM for RK Valley & Ongole PUC Boys & Girls in systematic manner. Physical activities classes should handle under the department of physical education and sports. Our physical directors look after their fitness Jogging, Running, Strengthening Exercises, Endurance, Yoga and Meditation. Our primary importance is through physical activities for the overall development like physically strong, mentally alertness, socially and emotionally balance. Around 3000 students were actively participating and improving their fitness in the campus. And also our physical directors giving coaching for all discipline which is available games in RGUKT, RK Valley like Hockey ,Cricket, Football, Kabaddi, Kho-Kho etc.

In engineering section we are engaged for the state level and national level tournaments which is already winners in eenadu cricket champions' trophy from 2010

to till now and also Hockey boys and girls represented in state and national level and also swimming, gymnastics and yoga also participated in all India national level. Keeping all the facts above the following things have been designed for the smooth conduct of the Games and Sports and other activities in the University.

Department of Physical Education & Sports is one of the Departments in the RGUKT, R K Valley IIIT AP. From 2010 onwards Intra class Sports meet (Annual Sports meet) were conducting every year in the month of February or March.

### **Junior groups (PUC 1 & PUC 2)**

For the development of RGUKT R K Valley in the field of it may be planned to divide two groups puc & engineering like Junior group (p1&p2) and Senior group (E1to E4) .So all the interested students from p1 and p2 may be selected best 8 teams .From 2017 onwards Ongole PUC Girls and Boys divided another group they were consist 4 Teams. It made before conducting the Tournament. It is advisable as per the university state/national and IIT system.

### **Senior Groups (Eng-1 to Eng-4)**

All major games Organized through department of physical Education and sports. The players may be selected from each branch. From Engineering they were consists 6 branches. IIIT RK Valley has wide range facilities for sports such as cricket, football, basketball, volleyball, throw ball, table-tennis, badminton and athletics. Inter-house sporting competitions are held every year with inter-batch competitions. There are Basket Ball, Badminton, Cricket, Football, Hockey, Handball, Kabaddi, Kho – Kho, Softball, Tennikoit, Throw Ball, Volley Ball, Chess, Table Tennis and Athletics (100 mtr, Long jump Shot-put ,Disk, High jump ,2km run).





**Figure: IIIT R K Valley Hockey Team (Boys & Girls)**



**Figure: Hockey ground opening 2016**



**Figure: students playing volleyball**

### Summary of State Championship Report 2016-17

S.No	Date	Location	Championship	Participated	Medals
1	17-18 <sup>th</sup> July 2016	Nandigama Krishna Dist	3 <sup>rd</sup> Senior AP State Power lifting and 1 <sup>st</sup> Bench Press	07(1 girl, 5 boys) 1 faculty	6 Medals (1 gold, 5 silver)
2	19-20 <sup>th</sup> November 2016	Peral, Cherala PrakhasamDist.	3 <sup>rd</sup> AP State Junior and Masters Power lifting and 1 <sup>st</sup> Bench- press championship.	15 (06 girls, 08 boys and 1 Faculty)	16 Medals (6gold,4bronze and 6silvers)

## Summary of Power-lifting Report 2016-17

S.No	Name	Body Weight (Kg)	Powerlifting	Bench Press	Deadlift
1	K. Sreelakshmi	43	Silver	Bronze	Gold
2	C. Madhavi	43		Silver	Gold
3	G. Anuradha	52			Gold
4	A. Sireesha	57	Bronze	Silver	Gold
5	Vishnu Vardhan	53			Participated
6	K. Narendra	53		Participated	Participated
7	P. Mani Kiran	59	Participated	Participated	Participated
8	M. Vamsi Yadav	66			Participated
9	T. Parvateswam	66	Participated		Participated
10	B. Harish Kumar	83	Participated		Participated
11	P. Channakesulu	93			Participated
12	Dr.Bal Govind Tiwari	83	Bronze	Bronze	Silver

## Anti Ragging Measures

- Separate hostels facility is provided for the first year students to minimize the chances of ragging. Further, a separate dining hall is provided for reducing the unnecessary interaction between the seniors and junior students.
- The display boards related to information on “Prohibition of Ragging” and “Anti-ragging Act” etc. are arranged in various places in the campus for bringing awareness among the students.
- CC cameras are arranged at the specific locations for monitoring students’ behaviour and for checking any possible anti- ragging activity.
- All the students are engaged from 8pm to 10pm in study hours thereby preventing unwarranted interaction during late hours.

## Vigilance measures

- Anti-ragging Squads are constituted with teaching and Non- teaching faculty of the institute for continuous monitoring of any incidence of ragging.



- Anti-Ragging squads are deputed for Girls hostels and Boys hostels, frequently apart from conducting for surprising visits to the class rooms to check for any anti ragging activities.
- Students were given provision to approach Administration, Head of the Department or any Faculty directly or through grievance portal to report any kind of issues related to ragging activities. Any complaint of Anti-ragging Squads, faculty regarding any sort of ragging activity is dealt strictly where in further investigation is ordered through a Anti ragging committee.

#### **Details of Ragging complaints received and actions taken**

- No complaint is received till date in the RGUKT-Idupulapaya campus, Kadapa. This can be regarded as a Ragging free campus.
- Ragging activity of any sorts or in any forms is not practiced within or outside the premises of the campus.

#### **Students Counselors and Psychologists**

- Class teachers are deputed to every class to counsel the students in academic and personnel perspectives. The students are constantly being given the information about the ragging activity and every student is personally monitored through Tutor-ward system.
- The institution has already initiated the process of recruiting a Psychologist, and the advertisement to this effect was already issued.
- As and when the need is arise the help of private Psychologists is being taken to counsel the students.

## 6.14 Helping Hands

Helping hands the student voluntary charity program aimed to reach the needy and not-so-fortunate has been growing from strength to strength with the unflinching support and cooperation from the student community. The activities of the voluntary program in the year 2016-17 are as hereunder.

S.No	Name of the student	Reason	contribution	Year
1	Saikullayappa (R14)	Appendicitis	20000	2016
2	Komal (R12)	Eye Problem	15000	2016
3	Santhosh Kumar (R12)	Leg operation	10000	2016
4	Ramayya Naik	Accident	18000	2016
5	Rathna Kumar (R14)	Liver Problem	20000	2016
6	Ramaiah (R14)	Accident	5000	2017
7	Ramesh (R13)	Accident	10000	2017
8	Vijay (R14)	Nose Problem	7000	2017
9	Lal Bahadur Sastri (Faculty)	Accident-Death	12000	2017
10	Subbarayudu	Accident-Death	5000	2017
11	Abdul Riyaz(R16)	Appendix	10000	2017
12	Rathna Kumar	Medicine	1000	2017
13	Karthik(R14)	Leg Problem	1000	2017
		<b>TOTAL</b>	<b>134000</b>	

This total budget distributed to different grounds by considering the expenditure statistics and inflow of money in previous years. Around 134000 /- was spent towards the students' health related problems inside the campus to undergo the medical treatment, accidents and the minor surgeries etc.

### Design Innovation Centre

Design-centred innovation is a force multiplier that can help the country move up the value chain, making Indian industry globally competitive. In this context, Ministry of Human Resource Development proposes to launch a National Initiative for Design Innovation in the Twelfth Plan. Under this initiative, 20 new Design Innovation Centres (DIC), one Open Design School (ODS) and a National Design Innovation Network (NDIN), linking together all these schools, would be set up. In this scheme JNTU Kakinada was given the design innovation centre as Hub and IIIT RK Valley is the Spoke. In this program, we got a project of design and development of Biomass stoves for rural application.