



## CONTACT DETAILS

For Career Development and Placement

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Career Development & Placement Cell

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### REGISTRAR

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## CAMPUS PLACEMENT CELL

### Basar Campus

#### Campus Placement Incharge

RGUKT Basar Campus

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### Nuzvid Campus

#### Campus Placement Incharge

RGUKT Nuzvid Campus

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### R K Valley Campus

#### Campus Placement Incharge

RGUKT R K Valley Campus

Rajiv Gandhi University of Knowledge Technologies

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**Rajiv Gandhi University of Knowledge Technologies**  
Catering to the Educational Needs of Gifted Rural Youth of AP

(A Government of Andhra Pradesh Initiative)



**INFORMATION BROCHURE**





## The Mission

Rajiv Gandhi University of Knowledge Technologies (RGUKT) is committed to provide high quality technological education to meritorious students from rural and low-income- background of Andhra Pradesh through an innovative blend of modern computer-assisted, learner-centric instructional methodology along with rigorous traditional teaching in a world class ambience.

## About the University

RGUKT is guided by the combined vision of the members of an eminent Governing Council. Prof Raj Reddy, Mozah Bint Nasser University Professor of Computer Science, Carnegie Mellon University, USA, a World renowned Computer Scientist, is the Chancellor of the University and Chairman of the Governing Council. Prof. R V Raja Kumar, former Dean Academic and a Professor of Electronics and Electrical Communication Engineering of IIT Kharagpur is the Vice Chancellor of RGUKT. At present, the headquarters of the university is located at Gachibowli, Hyderabad.

Established in the year 2008 by the Government of Andhra Pradesh, RGUKT provides an ambience of excellence for the pursuit of knowledge leading to B.Tech degree in different branches of Technology. The students are admitted after their Class X and earn their B. Tech degree in six years. The first two years provides a strong foundation in mathematics, physics, chemistry and life sciences, blended with courses in humanities and social sciences, essential to take up a modern four year engineering degree curriculum that follows. About 85% of the students of RGUKT are gifted children from rural Andhra Pradesh, who may otherwise be deprived of opportunities for high quality technological education. The Government of Andhra Pradesh provides almost everything free including education, food and other amenities. The students are admitted on the merit order of their performance in class X with a reservation given for rural students and mostly from the meritorious top 1 percent of graduates from rural high schools of Andhra Pradesh. The campuses are residential and cater to the all-round development of the students in a healthy ambience. The academic programme is rigorous and modern. The B.Tech. curriculum of the programmes offered at the University are comparable to those offered at the other prestigious technical educational institutions in the country such as the IITs. All students are provided with a laptop each when they join, making them savvy with computers.

RGUKT has three residential campuses located one each at Basar, Adilabad District (about 240 km from Rajiv Gandhi International Airport, Shamshabad, Hyderabad), Nuzvid, Krishna District (about 50 km from Gannavaram Airport, Vijayawada) and Rajiv Knowledge Valley, YSR Kadapa District (about 220 km from Bengaluru International Airport, Bengaluru). Prof. Rajendra Sahu, Prof. Ibrahim Khan and Prof. Y. Krishna Reddy are the directors of Basar , Nuzvid and R.K. Valley campuses respectively.

- Basar campus is almost on the banks of the river Godavari. The temple of Goddess Saraswati (Gnana Saraswati- Goddess of knowledge and learning), one of the two famous Saraswati temples in India, the other being in Jammu & Kashmir, is the other neighbour of the campus. According to the Brahmanda Purana, the poet Vyasa Maharshi installed Saraswati made of sand and wrote MAHA BHARATH here.



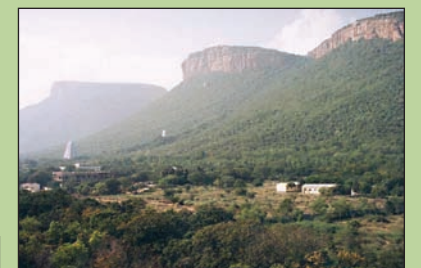
Godavari River near Basar Campus



- Nuzvid is a historical fort town in Krishna District of Andhra Pradesh state. It was founded in 1321AD by late Meka Basavarayudu, the chieftain of Rani Rudrama Devi of Orugallu dynasty. This town is well known for its mangoes, which are exported worldwide. The Nuzvid campus is 50 km away from Vijayawada city, the commercial city of Andhra Pradesh and the third largest after Hyderabad and Visakhapatnam, originated on the northern bank of the river Krishna. Some of the prominent places to visit are: Prakasam barrage, Kanaka Durga temple, Gandhi hill, Bhavani Island and Mogalarajapuram Caves.

Prakasam Barrage on Krishna River near Vijayawada

- RK Valley (Rajiv Knowledge Valley) is formally Idupulapaya, located in lush green lands surrounded by a pleasant landscape. It is near the famous tourism spot of Gandi that was believed to be a part of the Ramayan. The world famous, ancient sacred Sri Venkateswara (Lord Balaji) temple is located around 180 kms (3 h journey by car) from the campus. The temple of Sri Venkateswara has a unique sanctity in Indian religious lore.



Tirumala Hills near Tirupati



**Prof. Raj Reddy**  
Chancellor, RGUKT



**Prof. Rajendra Sahu**  
Director,  
Basar Campus



**Prof. Ibrahim Khan**  
Director,  
Nuzvid Campus



**Prof. Y. Krishna Reddy**  
Director,  
RK valley Campus

## From the desk of Vice Chancellor



My service at RGUKT as the first full-time Vice Chancellor so far has been of foundation laying and creative in nature, gives me possessive feelings and makes me eagerly wait for the sense of fulfilment the first batch of students are going to deliver.

RGUKT admits students with top performance into its 6 – year Integrated B.Tech degree after their class X. The students are intelligent raw material and we shape them into excellent individuals and highly capable technocrats. The same is valid for the incumbents in to our postgraduate programmes who are all GATE qualified and selected through a multi-level process. At RGUKT, we have been building a competent faculty base, putting curricula of high standard and relevance in place, creating high academic standards and practices, and creating a good academic and social culture amongst students, from day one.

RGUKT is determined to produce engineers with excellent domain knowledge, work culture and values. A unique ICT based pedagogy, where self-learning is emphasized, video lectures from professors of high academic standing in the country and abroad and also live classes followed by interactive sessions from the best of brains recruited from the cream of the IITs, IISc and other top institutions in the country, is in place. Emphasis is placed on conceptual learning, problem solving, extensive laboratory practice that matches theory, and significantly high computational skills and expertise. The education is made to be learning-centric and participatory rather than examination centric. The effect of the innovative practices is already showing up in the numerous awards being won by our students at national and international fora.

While shaping the students into high calibre technocrats, RGUKT provides broad based education with a significant component of humanities, teaches 'human values' to its students, makes them participate in related service activities and creates the right social sensitivities in them to shape them into responsible and good personalities. Extra academic activity involving NCC, NSS, sports, classical performing arts and Yoga add to their personality building process.

In short, RGUKT is a place where people can find engineering graduates with not only a strong engineering foundation but also with capacity to solve new engineering problems, good work culture, order and I believe that any employer would have a pleasant experience during the selection process itself and would be happy for recruiting RGUKTians. Perhaps, RGUKT is a one stop institution for those who are in search of highly competent young technocrats.

**Prof. R. V. Raja Kumar**  
Vice Chancellor, RGUKT

## THE COURSES AND THE STUDENTS

- Undergraduate Programmes
- Postgraduate Programmes
- Doctoral Programme

### Undergraduate Programmes

RGUKT has the following several unique features in imparting quality technical education to rural students, comparable in terms of curriculum followed at the IITs:

- 6-year integrated B.Tech in the following major engineering disciplines (3 terms per year) with minors in Technology, Science, Management, Humanities and Social Sciences including classical performing arts streams in each campus. The major engineering disciplines are:
  - Chemical Engineering
  - Civil Engineering
  - Computer Science and Engineering
  - Electronics & Communications Engineering
  - Metallurgical & Materials Engineering
  - Mechanical Engineering
- The pedagogy employs concepts such as "Learning by Example", "Learning by Doing", "Problem-Based Learning", "Self-Paced Learning", blended with class room teaching through a personal laptop provided to every student on the first day of joining the institute.
- The education is provided through both video lectures from eminent and selected faculty members from the IIT's, IISc and other premier institutions and also through highly competent faculty recruited from the campuses of premier institutes and universities of the country, trained in engineering problem solving and extensive use of ICT.
- All students are given extra exposure to IT subjects related to Programming & Data Structures, DBMS, Algorithms and Internetworking besides other computer tools.
- Course curriculum and syllabi are designed to provide a strong foundation in analytical skills and modern tools at a level similar to those provided at premier Institutes like IITs, IISc and IIMs.
- Three spaciouly well developed campuses with excellent classrooms, laboratory facilities with latest equipment and residential facilities in a healthy environment for a large intake of 6000 students per year, about 2000 in each campus (2008, 2009 year admissions)
- The education is broad based with many students taking Minors in other engineering disciplines, sciences, management, bio-engineering and classical performing arts.
- The academic excellence is already showing up through the numerous achievements and awards our first batch students have secured at National/ International level. Glimpses of the same are enclosed.
- More than 300 faculty with Ph.D / M.Tech / M.E / M.S / M.Sc / M.A degree graduated from reputed institutions are teaching the courses.





## Post Graduate Programmes

- Two year M.Tech programme in Computational Engineering started in the year 2011 in Nuzvid campus.
- Course designed by incorporating advanced computing techniques and tools to suit the people seeking teaching/research career in computational Engineering/Sciences competing with world class curriculum.

## Admission Procedure

Selection is through GATE score and Interview followed by performance in introductory course in Computing conducted by RGUKT.



## Doctoral Programme

Faculty members without Ph.D are encouraged to do their research work leading to Ph.D degree of RGUKT. Ph.D Supervisors are eminent Professors from top rated Engineering, Science and Humanities Institutions in the country willing to help RGUKT faculty as single or joint Supervisors. The rules governing the award of Ph.D are framed to ensure quality at a level maintained in the top-rated Institutions of excellence.

## Some initiatives

- |   |  |
|---|--|
| ▪ MOUs for research collaboration with reputed institutions | ▪ Establishment of Center for Technology Innovation for Rural Sector |
| ▪ Hosting of international conferences and events           | ▪ Encouragement for entrepreneurs                                    |
| ▪ Focussed research in thrust areas of societal relevance   |  |



## Infrastructure

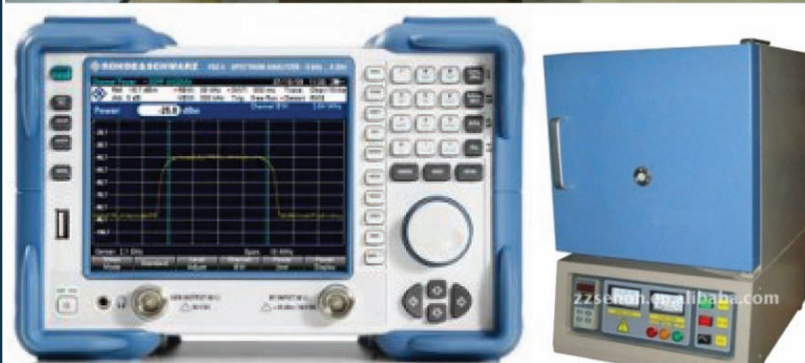
- Well planned, designed and built infrastructure in three campuses to meet the requirements of all students, staff and faculty members.
- Spacious administrative building, well equipped classrooms for teaching, modern laboratories with advanced equipment for all academic activities.
- Accommodation to all students and faculty members in each campus. At present there are about 8000 students in each campus.
- Excellent guesthouse facilities with adequate number of rooms to visitors in each campus.
- About 150 spacious semi e-class rooms with audio facility are available in each campus. Some of them are available for campus placement activities.



## Laboratory Facilities

RGUKT has developed modern laboratory facilities in each campus for all discipline of engineering with latest and advanced equipment to expose students to these equipment and gain best practical knowledge in their respective discipline. Following are the some of the equipment available in each campus

- Servo hydraulic 200kN Machine
- Rohde & Schwarz Spectrum and Network Analyzer
- Spectral Analyzer, HF-60100 V4 (10GHz)
- Field emission scanning electron microscope (FE- SEM)
- X-Ray Diffractometer
- Creep Testing machine
- Spark Emission Spectrometer
- High Temperature Ceramic Sintering Furnace





# Computer Network

- High speed LAN and wireless connectivity through Fiber Optic back bone network to provide gigabit uplinks in each campus
- LAN and Internet connectivity to all classrooms, laboratories, faculty and officers chambers and hostel rooms.

# Prominent Visitors

- Interaction with students on different occasions by a number of eminent academic personalities such as Bharat Ratna Dr A.P.J. Abdul Kalam, Padma Vibhushan Prof. P. Rama Rao, Prof G S Raju, Prof M S Ananth, Dr. Jennifer Mankoff, Prof J.S. Rao and Prof. G. Prasada Rao.
- Interaction with students of AP-IIIT Nuvzid campus by honorable Chief Minister of Andhra Pradesh Sri N. Kiran Kumar Reddy.



# Career Development and Placement Cell (CDPC)

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 at the head quarters under the supervision of a Faculty in charge (FIC) 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. Prof R. Bhaskaran, a former Professor-in-charge of placements at IIT Kharagpur is advising in an honorary role and Dr M. Amaranatha Reddy a Faculty of Civil Engg on deputation from IIT Kharagpur is serving as Faculty-in-charge.

Mr. K. Nitin Kumar Reddy, officer on special duty is also helping all placement activities.

Similarly CDPCs are developed at three campuses to cater the needs of the students to choose the better career based on their interest. Mr. Keshave Swarnkar, Mr. Veera Sreenu and Mr. Lakshmana Naik are the Campus Placement Incharges of Basar, Nuzvid and R K Valley campuses respectively.



Mr. K. Nitin Kumar Reddy



Mr. Keshave Swarnkar



Mr. Veera Sreenu



Mr. Lakshmana Naik

# From Faculty Incharge Career Development and Placement Cell



It gives me immense pleasure to invite all potential employers to recruit students graduating from RGUKT campuses. RGUKT is a unique technical university in India and enriched with highly talented and top quality students pursuing their engineering. At this university, knowledge is imparted to the students through concepts such as "Learning by Example" and "Learning by Doing". High quality instruction by eminent faculty members of reputed institutions of the country through ICT technologies supplemented by rigorous and traditional instruction and practical summer internship makes students of RGUKT campuses well ahead in terms of knowledge compared to students from the various other ordinary engineering colleges of the country. As RGUKT campuses being residential the University also ensures the all round development of its students. The fact that each campus has a large pool of close to 2000 students passing out each year provides a great opportunity to the employers to pick and choose as many as required from the knowledge enriched and enthusiastic students of the university to be absorbed in their organizations. I am sure that students of RGUKT would stand up to your expectations.

I heartily welcome all employers of engineering and technology to visit our campuses and participate in the recruitment process commencing from 1 st September, 2013. I am sure that you would certainly extend all possible support to this great mission undertaken by RGUKT for preparing the highly talented rural youth of the country to engage in meeting the technological challenges of nation building. We look forward for hearing from you positively.

Dr M. Amaranatha Reddy  
Faculty in charge, Career Development and Placement Cell

# 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







## Summer Internships

All 3<sup>rd</sup> year B.Tech students from three campuses (total 6000) 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 jobwork, suitable for employment and RGUKTians perfectly fit into this category.

- Two students of RGUKT have been awarded the **prestigious Dr. Srinivasa Iyengar Ramanujan shield and cash prize** in the documentary test on factorial themes that was conducted by Dr. Srinivasa Iyengar Ramanujan Institute, Hyderabad. Also received prestigious award from Her Excellency Smt. Pratibha Patil, the President of India.
- Two Civil Engineering students have presented a paper at **National Level Technical Symposium** and won 2nd prize and Rs.5000/- cash prize.
- 6 students of Engineering 3<sup>rd</sup> year from Nuzvid campus have won Prestigious NCC Sahara Scholarships of Rs.12000/- each at the all India level.
- Authored a book “Pharaoh and the King”**, by a student and published by Author House Publications, USA and the student has started writing the book at the age of 11. Several other students have written Shatakams, collection of 100 poems in Telugu.



## Placement

Highly talented and meritorious students are available for campus placements from **1<sup>st</sup> September, 2013**. Companies can contact Career Development and Placement Cell, RGUKT Hyderabad (tnp@rgukt.in (or) tnpoff@rgukt.in) for Pre-Placement Talks (PPT), job recruitment or other information. Also visit <http://www.rgukt.in/stu-placement.html> for more details.



## Beyond Academics

- Student training and activity through mandatory extra academic activity and courses like Human values
- Student activities through Arts, Cultural, Film and Sports clubs
- Celebration of important days such as Science Day, National Mathematics Day, Teachers Day, International white Cane Day for Blind ..etc
- Organizes Blood donation Camps, Social welfare activities
- Charitable activity to help the poor and needy in the name of “IIIT Helping Hands”.

## Some of the Glimpses of achievements by students of RGUKT

- Won first prize for the project **Titan: The Dream World** and third prize for project **GARUDA Swayer of the space** by students of RGUKT in **NASA Ames Space Settlement Design Contest 2013** conducted by NASA Ames Research Center, held at San Diego, from May 21st to 27th. USA.
- A student of RGUKT has secured the internship in Amazon R&D, Bangalore by winning the **TWITMINER contest of the CSA**, IISc, Bangalore in the area of Natural Language Processing (NLP). The student has secured the first rank in the contest by surpassing the other contestants mostly research scholars in IITs and other reputed Universities.
- The students of RGUKT have been participating and winning several prizes student achievement awards in the NASA Ames Space Settlement Design Contest conducted by International Space Development Conference (ISDC) and more than 10 tens students have participated in the annual conferences.

