Rajiv Gandhi University of Knowledge Technologies – Basar

Mudhole Mandal,
Adilabad District,
Telangana State - 504107

Admission notification for Masters Programme in Computational Engineering (2015-16)

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 curricula.

Prospectus/Instructions

1. **Name of the program:** Interdisciplinary M.Tech program in Computational Engineering
2. **Degree to be awarded:** M.Tech in Computational Engineering (with a specialization in core branch in Computer Science & Engineering / Electronics & Communication Engineering)

Eligibility required

- Qualified in GATE (2014/2015) or PGECET 2015
- B.Tech /B.E with a core branch such as (Computer Science & Engineering / Electronics & Communication Engineering)

Prescribed Qualifications

- 60% or above marks in B.Tech/B.E, Intermediate and SSC
- SC/ST candidates: 55% or above marks in B.Tech/B.E, Intermediate and SSC

Selection process

- GATE (2014, 2015) or PGECET-2015 in order of merit followed by an INTERVIEW.
- In Interview, 80% marks will be taken from GATE marks (2014/2015) or PGECET (2015) marks and 20% marks from the interview score.
- First priority will be given to GATE (2014/15) qualified candidates. If the seats are left vacant, those seats will be filled with PGECET qualified candidates.
- Prospective National Students having qualified in GATE from States other than Telangana can also apply. Admissions of these candidates is subject to rules of Govt. of Telangana as in force treating them as **Non-Local candidates under supernumerary.**

Allocation of seats

i. The admissions to 85% of the total available seats shall be reserved for the "Local Candidates (Osmania University area, TS) and the remaining 15% of the seats

shall be un-reserved (these seats will be filled with students from Telangana and Andhra Pradesh based on merit) as specified in the Presidential Order 371 Article D in consonance to Section 95 of the A.P. Reorganisation Act, 2014.

ii.   Rule of reservations as per Govt. of Telangana is applicable.

Duration of the course

2 years (five terms)

Intake of students

48 in two disciplines as per the AICTE approvals.

Engineering Branches (TWO)

Computer Science Engineering (seats 24)
Electronics and Communication Engineering (seats 24)

Fee payable by the students

Rs.6, 000/- (At the time of entering to First year) and Rs.4,000/- (At the time of entering to Second year)

- a. Course Fee : Rs. 48,000/- per year (Rs. 96,000/- per two years)
- b. Admission Fee : Rs. 1,000/- (one time in first year)
- c. Special Fee : Rs. 4,000/- (first year and second year)
- d. Caution Deposit : Rs. 1,000/- (one time in first year & refundable)
- e. Food and Accommodation : Rs. 40,000 per year

Method of Teaching

"Learning by Doing" adopting cognitive technologies through e-learning and smart class rooms, self-learning availing NPTEL, Webcourses/webnars etc under the guidance of Coordinator / Mentor.

Method of Examinations

A midterm exam and final exam is conducted for each course and the courses are sequential. Only successful candidates in-each course will be allowed for the next course sequentially.

- 60 marks for CIE (Internal assessment) - this will include topics for testing like Seminar, Assignments and Quizzes.

- 10 marks for MT (Mid-term exam) - there will be one midterm exam for each subject.

- 30 marks for FE (Final Examination) - it can be either paper based or computer based test depending on the course taken.

Teaching Assistance

All the admitted candidates shall be offered "Teaching Assistance" utilizing their services **FOUR HOURS** a day for conducting theory/practical classes for B.Tech and P.U.C students.

a. A proportionate honorarium of Teaching Assistance not exceeding Rs.10,000/- per month shall be paid to all admitted M.Tech students.
b. For the students, those are availing GATE scholarship, the University will withdraw the payment of Rs.10,000/- per month and the students are to repay the Teaching Assistance amount which was given by the University.
c. The PGECET students will get Rs. 10,000/- per month towards Teaching Assistance.

How to Apply

The mode of applying is online.

i. The candidate has to pay an application fee of Rs.350/-(For SC/ST candidates: Rs.300/-) from any nationalized bank through a Demand Draft drawn in favor of "**The Director, RGUKT(M.Tech Programme) Basar**" payable at Basar. The serial number of the D.D shall be used in filling the online application by logging in the RGUKT site through www.rgukt.in or http://117.211.116.41/pgadmissions

ii. The printout along with original DD and copies of certificates including GATE/PGECET score card (Mandatory) shall be sent to "**The Administrative Officer, RGUKT – Basar campus, Mudhole Mandal, Adilabad District, Telangana State - 504107**" with an inscription as "**Application form for M.Tech-2015**" on the top side of the mailing cover

iii. The hard copy of print-out without original D.D and GATE score card will not be considered for admission process

Important Dates :

Publishing of advertisement in news papers	**August, 21ᵗʰ , 2015**
Online application window opens	**August, 22ᵗʰ, 2015**
Last date to receive online applications and printed hard copy	**September, 07ᵗʰ, 2015**
Last date to receive printed hard copy along with original DD and Xerox copies of certificates	**September, 09ᵗʰ, 2015**
Interviews will commence to the short listed candidates.	**September, 3ʳᵈ week**
Commencement of M.Tech program	**September, 21ˢᵗ, 2015**

Note:
- No application of hard copies will be accepted beyond September 09ᵗʰ, 2015.
- RGUKT is not responsible for delayed deliveries by postal/courier services.

For further details, please contact
Administrative Officer,
RGUKT- Basar campus,
Mudhole Mandal,
Adilabad District,
Telangana State - 504107
Email: mtech.basar@rgukt.in

RGUKT-M.Tech Curriculum

Specialization:	Computational Engineering	Discipline: CSE

SEMESTER-I

Subject Code	Subject Name	Credits
CS6002	Object Oriented Programming	3
CS6009	Advanced Data Stractures and Algorithms	3
MA6001	Numerical Methods and Computation	3
***	Web Technologies and Programming	3
HS6701	English&Softskills-I	2
***	Survey Paper-I	2

SEMESTER-II

Subject Code	Subject Name	Credits
	Advanced Computer Archiecture	3
CS6041	Database Management Systems	3
***	Compiler Design	3
HS6703	English&Softskills-II(Entrepreneurship)	2
	Operating Systems	2
***	Survey Paper-II	2

SEMESTER-III

Subject Code	Subject Name	Credits
CS6011	Computer Netwotks and Information Security	3
CS6042	System Software Design	3
HS6702	Privacy, E-Business , Entertainment Technologies	2
EC6703	Language Processors	2
	Computational tools(Matlab,latex,python,shell scripting)	2

SEMESTER-IV

Subject Code	Subject Name	Credits
CS6010	Software Engineering	3
***	Research Writing and Frontiers of Research paper	20

SEMESTER-V

Subject Code	Subject Name	Credits
***	Project Work	20

RGUKT-M.Tech Curriculum

Specialization:	Computational Engineering	Discipline: ECE

SEMESTER-I

Subject Code	Subject Name	Credits
CS6002	Object Oriented Programming	3
CS6009	Advanced Data Stractures and Algorithms	3
MA6001	Numerical Methods and Computation	3
***	Wireless Communications	3
HS6701	English&Softskills-I	2
***	Survey Paper-I	2

SEMESTER-II

Subject Code	Subject Name	Credits
	Advanced Computer Archiecture	3
CS6041	Database Management Systems	3
***	Digital Image processing	3
HS6703	English&Softskills-II(Entrepreneurship)	2
	Digital system design	2
***	Survey Paper-II	2

SEMESTER-III

Subject Code	Subject Name	Credits
CS6011	Computer Netwotks and Information Security	3
CS6042	System Software Design	3
HS6702	Privacy, E-Business , Entertainment Technologies	2
EC6703	Language Processors	2
	Computational tools(Matlab,latex,python,shell scripting)	2

SEMESTER-IV

Subject Code	Subject Name	Credits
CS6010	Software Engineering	3
***	Research Writing and Frontiers of Research paper	20

SEMESTER-V

Subject Code	Subject Name	Credits
***	Project Work	20