RGCET - The Pioneer of Private Engineering in Pondicherry

Welcome aboard, the freshly bloomed blossoms of India. Come join in an institution which had been known to produce quality techies since 18 years. You're into the vast ocean called 'life' that houses the most dreaded creatures. Fear not dear, as you've boarded into RGCET, the ship of dreams for many aspiring engineers. Started to sail by the year 1999, the management of RGCET affiliated the Bachelor in Technology (B.Tech) Degree under Pondicherry University registering 40 students from Computer Science & Engineering, Electrical & Electronics Engineering and Electronics & Communication Engineering streams and 60 students in the Information Technology stream. The millennium year marked the start of the first Post-Graduate degree programme in Computer Applications i.e Master in Computer Applications with a sanctioned intake of 60 students.

After the millennia, by the academic year 2001, Computer Science & Engineering and Electronics & Communication engineering streams scaled-up with 90 students intake and Electrical & Electronics Engineering intake was upgraded to 60 students. With great pride and honour, in 2004, Bio-Medical Engineering stream

was established for the first time in any private college under Pondicherry University with 60 students. After MCA, MBA was started in 2009, for all graduates who wish to choose their career in Business and Management domains. The student's strength of Electronics & Communication Engineering was increased to 120 students by 2010.

By 2011, the oldest and most dominant engineering stream, Mechanical Engineering, was started with 60 students and by the year 2012 Computer Science & Engineering students was sanctioned with 120 intake. Year 2014, marked the start of first Post-Graduate course in Engineering called Master in Technology for Computer Science & Engineering and Electronics & Communication Engineering graduates in Engineering. By 2015, a staggering figure of 120 students from Bio-Medical Engineering and Mechanical Engineering was sanctioned.

Apart from the above Under Graduate and Post Graduate courses affiliated under Pondicherry Central University, RGCET ties up with two online courses from Indian Institute of Technology. Firstly, in 2014, Spoken Tutorial was an official sign-up with IIT-B. Later by the

year 2015, National Programme on Technology Enhanced Learning (NPTEL) with IIT-M rendered a much stronger relation between our college and the Nation's best technical university.Both online courses were successfully running till date and students are creating excellent track records. Our college was rated 'AA' certification by the IIT and is nationally ranked in top 50 colleges. The college also encourages sports and our students won medals and gold in inter-collegiate Basketball. Social activities like National Service Schemes (NSS) are regular here.

Now, at the 19th year, the college is successfully running with 6 departments for Under Graduate professional engineering courses and 4 Post Graduate courses.

DEPARTMENT TOPPERS

BME
NANDHINI .S
CGPA-9.56

CSE
PAVITHRA .M
CGPA-8.75

ECE
VETHIYADEVY .V
CGPA-9.33

EEE
GOUTHAM M
CGPA-8.27

IT
MANJERI KUMAR .G.N
CGPA-9.1

MECH
BALASUBRAMANIYAN.R
CGPA-9.47

RGCET students at ISRO

On 2nd August, final year students from Department of Electronics and Communication Engineering went to Sriharikota High Altitude Range (SHAR) / Satish Dhawan Space Centre (SDSC) at ISRO Sriharikota.

The Industrial Visit was spearheaded by the department head Mrs. B. Shoba and coordinated by department faculties Mr. A. Kannan, Mr. T. Kaviarasan and Mr. L. Arun Jeeva.
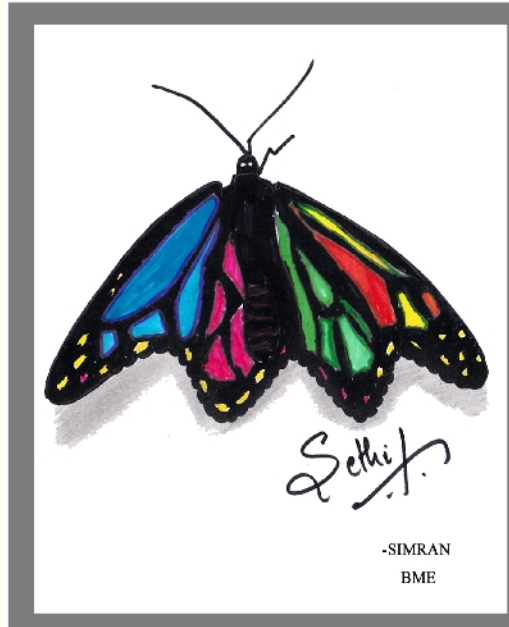
SPOKEN TUTORIAL SCHEDULE FOR ACADEMIC YEAR 2017-18

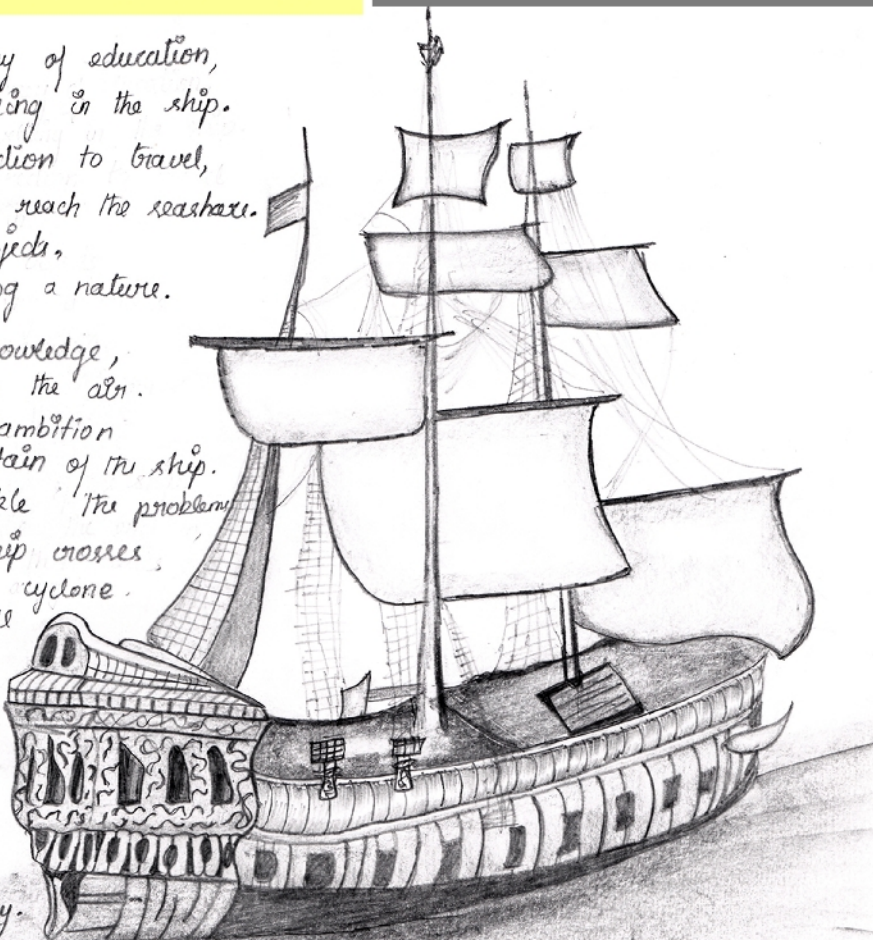| DEPARTMENT	YEAR / SECTION	NAME OF FOSS
Computer Science & Engineering (CSE)	II year – A and B Section III year – A and B Section IV year – A and B Section	Java and NetBeans PHP/MYSQL PERL/Python
Information Technology (IT)	II year III year IV year	C and C++ Linux & Ubuntu Drupal
Electronics and Communication Engineering (ECE)	II year III year IV year – A and B Section	C and C++ PHP/MySQL Linux
Electrical & Electronics Engineering (EEE)	II year III year IV year	Introduction to Computers Latex and Xfig LibreOffice Suite
Bio Medical Engineering (BME)	II year – A and B Section III year – A and B Section IV year	C and C++ SciLab BioPython
Mechanical Engineering (MECH)	II year III year IV year	QCad Linux & Ubuntu Python
MCA	II Year III Year	C and C++ PHP/MySQL
MBA	I year II year	LibreOffice Suite Latex and Xfig

அன்னைத் தமிழே!

ஏழ்கடல் தாண்டியும் உந்தன் மணம்வீசி

வீழாத இசையமுதை கொண்டவளே!

விண்ஆண்ட மொழிகளிலே உயர் ஆரியமொழியாய்

திகழ்ந்து பாமரன் போற்றியவளே!

வேதியன் கண்டுமகிழ பலச்சாத்திரங்கள் கொண்டு

தர்மத்துடன் வீரத்தையும் வென்றவளே!

ஆரிய மைந்தரென கம்பர் வள்ளுவர்

இளங்கோவை வளர்த்த தாரகையே!

தெவிட்டாத தித்திப்பாய் அலைப்பொங்கும் அன்பொளியாய்

இனிமையான இளமை தமிழே!

ஏந்தன் உயிரின் உணர்வே!

ம.சுப்ரபா CSE – III'B'
ராஜீவ் காந்தி பொறியியல் கல்லூரி.

-SIMRAN
BME

Start a journey of education,
as travelling in the ship.
Select a direction to travel,
as ship to reach the seashore.
Observe a subject,
as observing a nature.

Inhale the knowledge,
as inhaling the air.
Focus on an ambition
as a captain of the ship.
Learn to tackle the problem
as a a ship crosses
a cyclone.
Oneday we will
be landed on
our destination.
to start another
journey as
our life leads
to various
levels of journey.

journey is more
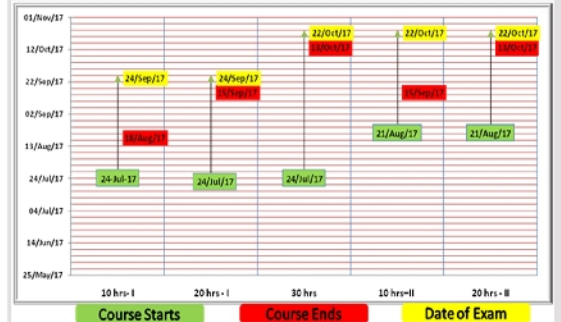important than
the destination....

-PUNITHAVATHI BAKKIAM
(IT)

NPTEL @ RGCET

Summary of January 2017 Examinations

• RGCET Students excelled in various examinations and RGCET-NPTEL Local chapter was one among the TOP 100 colleges among 1026 colleges that host NPTEL.

• Ms C. Sakthimeenu , IV CSE Topped in the course – Wireless and Adhoc Sensor Networks, mentored by Mrs R Vivadha, AP/CSE.

• The following Faculty members have successfully completed National level NPTEL certifications in Various courses – Mrs V Hemamalini, AP (Sr.G)/CSE, Mrs H Vishnu priya AP/CSE, Mr M Pradeep AP/IT.

Important Dates for June 2017 Examinations:

Final score calculation for certification

• Online assignments: ~25%
• 4 weeks course: Best 3 out of 4 assignments
• 8 weeks course: Best 6 out of 8 assignments
• 12 weeks course: Best 8 out of 12 assignments

• Proctored exam: ~75%

Types of certificates

• Elite certificate with gold medal >= 90%
• Elite certificate >= 60%
• Successful completion >= 40%
• No certificate < 40%

-DINESH RAJ
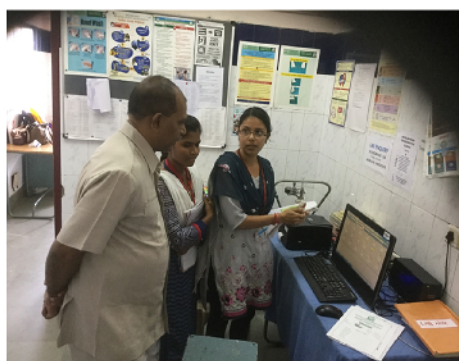BME

ENGINEERS ACCESS INTO HEALTHCARE DOMAINS

Internships add great value to the students. It provides an exquisite avenue for an individual to acknowledge their respective roles in the workplace, encounter various situations, thereby providing a perspective of the working modules in an institution.

Whilst students very busy looking out for internships that adds credit to their resume, the prestigious 'Sri Balaji Vidhyapeeth University' offered an opportunity to the students of RGCET to apply for month duration in 'Mahatma Gandhi Medical College and Research Institute (MGMCRI)', Pondicherry for Hospital Information Management System (HIMS) software.

Among the various final year applicants of RGCET, 30 students from Bio-Medical Engineering, 4 students from Electrical and Electronics Engineering and 6 students of Information Technology were selected to work on different areas at MGMCRI.

The BME students assisted with the perfect functioning of the HIMS software module. The IT and EEE students play their role in the smooth functioning of the computing system, rendering their part in IT troubleshooting and power management modules of the multi-speciality hospital.

The students of RGCET actively and efficiently took part in various allocated modules of the hospital namely MRD, Central lab, Radiology, Intensive Care Unit (ICU), General Wards, Pharmaceuticals, Blood Bank and Billing. This exposure allowed the students to experience the working environment in the hospital and also to understand the day-to-day challenges faced by the employees in their work module. The regular 9 to 4 timing has made it more interesting for the students, as they have taken it as an opportunity to acquire as much knowledge as possible to understand the population at the hospital thereby improving their skills.

WORKSHOP FROM MECHANICAL ENGINEERING DEPARTMENT

A two day workshop on "Mechanical designing software training" was conducted by Design destination team at Lawspet, Puducherry from 18.08.2017 to 19.08.2017. The objective of the programme was to motivate and guide the students to learn about industrial based practical knowledge on Auto CAD and CREO parametric. This Programme was particularly useful to create awareness for Mechanical Engineering students. On first day, the basic concepts of product life cycle management, 3D modelling, way of responding, orthogonal views, isometric views, drafting and annotation, etc were explained through Auto CAD. On second day, layout, sketch, part, assembly, sheet metal and industrial oriented diagrams were explained through CREO parametric. There was an active participation from Mechanical Engineering students, RGCET.

A participant, Mr. V. Arikaran , III year Mechanical Engineering says, "I have learnt more advanced commands and functions about Auto cad and CREO parametric through this workshop. This workshop was really attractive and more useful to me."

UPSC made Easy at RGCET

Department of Electronics and Communication Engineering inaugurated Indian Institute of Public Administration (IIPA) – IAS training program for all pre-final year students of RGCET for the academic year 2017-2018 first-time in Puducherry on 05.07.2017. A MoU between IIPA and RGCET has been made for "UPSC-IAS foundation Test Batch/coaching" program in the presence of our beloved Principal Dr. E.R. Vijayakrishna, Dr. K. Ayyappan, Vice Principal, Mrs. B. Shoba, HoD/ECE, RGCET. Dr. R.R. Dhanapall, Chairman, IIPA Puducherry branch, ERR Narasimmamurthy, HONY secretary, Mr. D. Jayavijayan, Joint Secretary, IIPA Puducherry branch. On par with the MoU, the training program for civil service (UPSC) competitive examination and skill development for pre-final year students will be conducted every month in the college premises. For the final year students, motivational program will be conducted in the college and the training will be provided every Saturday and Sunday at IIPA office Puducherry Branch.

SOCIAL SCHOOL AT THE TALENT POOL

Confederation of Indian Industry (CII) has formed an Industry Institute Connect Panel for the year 2017-18. Industry Institute Connect Panel propose to form a Puducherry Talent Pool by identifying young talents in the CII Puducherry member Colleges to garnish and acquire appropriate soft and social skills that are critical to achieve individual and professional success.

As part of the program this year, CII in connection with Eaton Power Quality Pvt. Ltd. will design and organize focused training sessions for all the participants, spread over a period of two-months. These sessions were aimed at providing the participants with sound exposure to social and business communication, soft skills, professional networking techniques, presentation skills, public speaking and business ethics. The above panel is headed by Mr. I. Syed Sajjadh Ali, Convener, Industry Institute Connect Panel, CII Puducherry & Managing Director, Eaton Power Quality Pvt. Ltd. From our college, 20 students from different branches in Engineering are participating in the program, every Saturday of July and August.

IITs Robotic Research Centre at RGCET

"Robotic Research Centre" is going to be established in our institution in association with SakRobotix Lab Pvt. Ltd., IIT   Bhubaneswar. Students from all the Engineering disciplines are eligible to register as members in Robotic Research Centre (RRC). The RRC members will be benefited by the way of Robotic Training and Product development with hands on training throughout the year. An exclusive 6-day programme will be offered in our college premises solely for the registered students of RRC. This will be a challenging opportunity for young budding Engineers to Create,   Imagine, Explore and Express themselves through an interactive robotics program that utilizes Physics, Mathematics, Electronics and Computer Engineering. Mrs.B.Shoba, Asst.Professor(Stage-III) & HOD/ECE, Mr.A.Kannan, Asst.Professor(Sl.Gr.)/ECE and Mr. K.Gowrishankar, Associate Professor & HOD / EEE will be the Faculty Coordinators for RRC.

Literary Column

Riddles

1.The man who invented it doesn't want it. The man who bought it doesn't need it. The man who needs it doesn't know it. What is it?
Ans: Coffin

2.What belongs to you but other people use it more than you.
Ans: Ur name

3. 4 fathers, 2 grand-fathers and 4 sons went to watch the movie.What is the minimum number of the tickets they need to buy ?

4.Find Me! I start with 'P' and end with 'x', but I have thousands of letters. Who am I?

5.When you do know me about me, them I am definitely something. You will always search for me. But when you know me, I am nothing. Who am I?

6.I have all the knowledge you have. But I am so small that your hands can't hold me. Who am I?

7.I am the biggest alphabet, as I contain the most water in the world. Who am I?

8.Scientists are trying to find out what is between earth and heaven. Can you find me?

9.A cipher puzzle .

n 🧊 al 👜 ity

10. Which direction does this show ?

4+n05

11. Maze.

12.Find the animal hidden the picture ?

- Antony Tristan - BME Dept.,

Full-filling a Daydream through NIGHTMARE

A few days back, I was streaming and watching   a short-film called NIGHTMARE. I was horrified by the screenplay as well as astounded by the actors in the movie. They were not professional actors from the industry but the students of RGCET belonging to Mechanical Engineering. I always thought that Mechanical students are known only for their academic performance but they proved me wrong. On seeing their creativity and hard-work I realised that being a bookworm is not sufficient. They've set an example for the well known fact that "Qualities can be developed through experiencing and experimenting and not through reading alone". Let's hope that they come up with more fascinating ideas as this. This must inspire other students to try and work parallel on curricular and extra-curricular activities to improve both their knowledge and talents. Producing a short-film is a dream for many students but these have fulfilled their dream through their short-film - Nightmare.