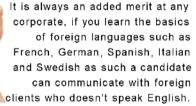# "Where there's an ENGINEER there's an EMPLOYER"

Decades before, were the days you must seek an engineer when you step in a city or a metro and end up not finding one. But, these days it is a surprise if you don't find an engineer at home or at least a couple in your neighbourhood. Over 3 million graduates from various engineering streams graduate every year from over 6200 engineering colleges across our nation. A study shows, about 30% among these freshers are unemployed. On the darker side, there is both underemployment and unemployment. *"Several engineers end up working as sales executives, so there is no link between what they studied and what they do"*, says Mr. E. Balaji, CEO from RANDSTAD, a Manpower Consulting Firm. Engineering graduates fail to grab an employment in their respective industry. When surveyed to know the reason behind this unemployment or underemployment, it was found that these graduates lacked expectations needed from IT or non-IT industry.

Talking about these expectations, Reshmi Nair, *a journalist and a mechanical engineer*, briefs in her article about the major expectations of the industry from engineering graduates. According to her article, the prime expectation in any private MNC is your communication skill with right accent, which is vital to communicate with foreign delegates and significant clients of the company. Sadly, 97% of Indian engineers can't get their accent right. Second is your ability to think like an inventor, come up with novel and innovative ideas and acquire knowledge way beyond your curriculum, which is obsolete in the country. *"Student's skills must be based on their ability to think 'out-of-box', rather than to repeat the*

text-book knowledge in the exams "says Prof. Dr. Ashok Jhunjhunwala, *HOD of Electrical Engineering, IIT-Madras*. Your knowledge must be in-line with latest developments in technology and make sure you work towards that for your academic project. Third important expectation is a well-tailored Curriculum Vitae. Avoid sending the same CV to all employers. Rather than mentioning that you're a good engineer, tailor your resume that you're the right person for that particular job. Maintain a positive attitude towards working in an appropriate firm and you must abhor from negative thoughts such as getting fired from a company. You must be ambitious to travel to different countries and corporate giants prefer such smart engineers to be always by their side.

It is always an added merit at any corporate, if you learn the basics of foreign languages such as French, German, Spanish, Italian and Swedish as such a candidate can communicate with foreign clients who doesn't speak English. Learn them through crash courses within small time-span.

If you think getting a job for a fresher-engineer is a tough task, then staying in most companies is even tougher. The biggest challenge is dirty-politics thrown by your senior team members in firms.

You may be placed in the company of your choice and much better projects at your disposal, yet you may be in a team, with unhappy members to work with you. To manage these situations, you must practise working your academic level projects with different-natured students and make it inter-departmental too. Next challenge is to keep learning. As the old saying goes, "You learn to earn, but when you earn, don't cease to learn". Keep yourself updated on latest technologies and cling-on to a good company. The third challenge is to pursue an MBA degree that can help you to climb up quickly and promote you to managerial positions. This is important as you get older you cannot work in pace with the younger generations so you must be higher to them in corporate ladder. The final challenge is to build your social skills. In some huge MNCs, develop your practical skill that comes out of sports or social-clubs with other members of the company. Nicky Bassett, HR director of MNC Eaton, UK says that "We're looking for lots of dimensions that give a person character and not for intellectual geeks who can't interact socially".

To summarise everything, you must be a skilled communicator who is ambitious and innovative with the right CV to enter your desired firm. For the old saying, which was "Where there's a will, there's a way", there is a new saying, which is "Where there's an ENGINEER there's an EMPLOYER" and it takes you, the budding engineer, to see your right employer and be prepared for it. Remember one more thing, that every opportunity you miss pushes you a step closer to next one.

-by Editorial Team, RGCET TIMES.

SUCCESS IS DELIVERED
ONLY TO THE DESERVING

On 24th Oct, 2016 Inter – collegiate Basketball tournament held at Pondicherry Engineering College, conducted by Pondicherry University was the icing on the cake for RGCET Basketball Men's team. The evening was graced by Prof. (Mrs.) Anisa Basheer Khan, Vice Chancellor (officiating) of Pondicherry University, Dr.P.Dananjayan,Principal of Pondicherry Engineering College, Dr.D.Sultana, Director of Physical Education, Pondicherry University and Dr. B. Kumaran, Principal of Indira Gandhi College of Arts & Science and presented the Gold Medal to our champions:

NAME	YEAR	DEPARTMENT
Poovanna Pemmaiah / Aravindan	Final	CSE
Karthick.S / Gowtham.E / Antony Dharmaraj	Third	CSE
M.Atchuthan	First	CSE
Dennies Alexio	Final	MECH
M. Prem Kumar / Benjamin	Third	MECH
Arun Kumar.P	Second	MECH
Sebin	First	MECH
Dhinesh kumar.A	Final	BME

GOLD MEDALIST

Winning is a great accomplishment. Sending a congratulation message to the winner is a must! And to celebrate that glorious moment of of victory, here is an amazing list of Toppers of RGCET

NAVITHA.M
(2008-12) / ECE

SHANMUGAPRIYAN@RAHUL.M
(2010-14) / ECE

ANANDHA LAKSHMI.A
(2009-13) / BME

SIVASUBRAMANIYAN.N
(2010-14) / BME

PRAVINA.A
(2011-15) / BME

INSTITUTIONAL TOPPER IN NPTEL EXAMINATION

Ms.A.Priyadarshini

National Programme on Technology Enhanced Learning (NPTEL) is a certified online short term course organised by the IITs. Around 300 students of RGCET attended their NPTEL exams during September and October. Our third year student, Ms.A.Priyadarshini, from the Department of Bio-Medical Engineering,is placed as topper in All-India level NPTEL Examination for the course "Developing Soft Skills and Personality". The Management, Principal, Vice Principal and Heads of the department extend their congratulations to Ms.A.Priyadarshini and the mentor of the student Mr.A. Allwyn Gnanadas, Assistant Professor from Department of Bio-Medical Engineering.

CAMPUS HIGHLIGHTS

With the semester exams for the undergraduates round the corner, MODEL EXAMINATIONS were conducted from 22.10.2016 to 27.10.2016. Students from all the UG departments took their examinations for detailed answers in the morning from 10.45AM to 1.00 PM and short answers by the same afternoon from 2.30 PM to 4.00 PM. The answer sheets were evaluated by the respective subject faculties and the marks secured by the student were sent to the parents as usual. A detailed analysis of model exam results was also discussed by the Principal with the HODs of all departments.

On 27th October, 2016 the student volunteers of Rajiv Gandhi College of Engineering and Technology with our NSS programme officer Dr.A.Jayaprakash and Dr.N.Sinouvassane, MBA HOD conducted a demographic study on "Latrine Usage and Factors Influencing the non usage of Latrine".
This survey was initiated in Kamarajar Nagar, Bahour by Mr.Sovundirarajan, Bahour Municipality Commissioner and our Principal Dr.E.Vijayakrishna Rapaka. The survey area was covered by the students with the help of local revenue officer and self help group leader. The subsequent analysis and actions will be carried after data analysis.

Diwali is festival of lights, glow of happiness and sparkle of joy. Hailing from places like Mahe, Cochin, Yanam,Kottayam, Kanniyakumari, West Bengal, etc our girls hostel residents celebrated Diwali by bursting crackers.

Diwali is one of the most important festivals in India that is celebrated with great joy and austerity. It is understandable that there is nothing more depressing and morbid than spending this day alone. But our students from boys hostel made this Diwali a happy occasion inspite of being separated from their loved ones.
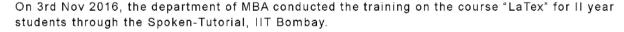
On 2nd Nov 2016, Mr.HasenAli A, recruiter from Amazon.com, had pre-recruitment talk with UG and PG students. He emphasised the need for enhancement of communication skills along with technical skills. He highlighted the importance of preparing good curriculum vitae which reflects the image of a person and to develop positive attitude. This program was arranged by our placement officer Mr.J.Jagatheesh and Dr. S.Sundaramurthy Reddy.

The Department of Computer Science and Engineering conducted Spoken-Tutorial online test for III and IV year students for the courses PHP/MySQL and SciLab respectively on 02-11-2016. Totally 108 students appeared for test and 47 got certified from IIT Bombay.

On 3rd Nov 2016, Ms.Rhea Cheryl Shivan, Manager-Campus France Chennai, visited our campus and briefed our students about higher education in France and the facilities extended by the French government. She stated that the government also renders two years extended Visa after completion of the course, 100% reimbursement of fee if the students pursued admission through government colleges and Visa charges are free. She also stated that there are 300 French companies all over India out of which 130 are in Tamil Nadu. Some of the renowned companies are CapeGemini, Reynold, Saint Gobain, etc.

On 3rd Nov 2016, the department of MBA conducted the training on the course "LaTex" for II year students through the Spoken-Tutorial, IIT Bombay.

On 4th Nov 2016, an interactive speech cum discussion on "Research Methodologies & Trends in Engineering" was delivered by Dr.J.Amudhavel, Research and Development Coordinator, KL University. The inaugural speech was delivered by Dr.E.Vijayakrishna Rapaka, Principal, RGCET. The chief guest while addressing the faculties discussed major challenges in writing scientific articles and the obstacles in publishing research papers. Finally, the vote of thanks was given by Dr. S. Sundaramurthy Reddy.

National level Skill Assessment Online Test sponsored by AICTE in association with CII under the banner "WHEEBOX" (India's leading online talent assessment company in Gurgaon) was conducted for all final year students of all the streams successfully in the month of November. The ranking will be sent to 250 companies who will recruit based on their performance. The program was organized by the Placement cell, RGCET.

"Ugliness — awakens the Beauty"

Things may come and things may go,
As is the law of the nature.
The ever proceeding waves of time,
Can it be put on hold? Never.
The flow of the seasons,
Uninterrupted it always goes.
Hot summer, pearly rain, dry winter, all precedes,
The beautiful spring with its misty does.
The flow of the silvery trail,
Try to stop it but to no avail.
Along its path, showering everything with life.
They blossom later, with the fruits sweet and ripe.
The ugly caterpillar, and the larvae making people wry,
The dawn of the pupae,
Resulting in the charming butterfly.
Thus from the fore mentioned is seen,
A simple yet enticing thing...
Beneath the dark coal always lies,
The diamond making the beautiful ring...

-Sachin Sinha(III EEE),RGCET.

"Change of Timings -
Time management begins with planning"

Time management is the key. Although it seems hectic, as long as you manage your time properly you can get everything done. Our College TIMING is rescheduled and will come into effect from 28.12.2016.

Rajiv Gandhi College of Engineering and Technology
(Approved by AICTE & Affiliated to Pondicherry University)
(Sponsored by Sri Balaji Educational and Charitable Public Trust)
Pondy-Cuddalore Main Road, Kirumampakkam, Puducherry – 607403.
Phone Number: 2615309, 2615310. Fax : 0413-2611421
E-mail:info@rgcetpdy.ac.in * Website: www.rgcetpdy.ac.in

College Timings
(2016-2017 Even Semester)

With effect from the Re-opening date for the Even Semester as per Pondicherry University Academic Schedule.

Period/Hour	Timings
I	9.00.AM - 9.55.AM.
II	9.55.AM. - 10.50.AM.
BREAK	10.50.AM. - 11.05.AM.
III	11.05.AM. - 12.00 Noon
IV	12.00 Noon - 12.55.PM.
LUNCH BREAK	12.55.PM. - 01.40.PM.
V	01.40.PM. - 2.30.PM.
VI	2.30.PM. - 3.20.PM.
VII	3.20.PM. - 4.10.PM.

PRINCIPAL.
Dr. E.VIJAYAKRISHNA RAPAKA
PRINCIPAL
Rajiv Gandhi College of Engineering & Technology
Pondy - Cuddalore Main Road,
Kirumampakkam, Puducherry.

"TENTATIVE SCHEDULE OF PONDICHERRY UNIVERSITY THEORY EXAMINATIONS - NOV/DEC 2016"

DATE	DAY	FORENOON SESSION	AFTERNOON SESSION
29.11.2016	TUE		
02.12.2016	FRI		
06.12.2016	TUE		
09.12.2016	FRI	7th Semester #$@	4th Semester #$@
14.12.2016	WED		
17.12.2016	SAT		
21.12.2016	WED		
30.11.2016	WED		
03.12.2016	SAT		
07.12.2016	WED		
10.12.2016	SAT	5th Semester #$@	8th Semester #$
15.12.2016	THU		
19.12.2016	MON		
22.12.2016	THU		
26.12.2016	MON		
01.12.2016	THU		
05.12.2016	MON		
08.12.2016	THU		
12.12.2016	MON	3rd Semester #$@	6th Semester #$@
16.12.2016	FRI		
20.12.2016	TUE		
23.12.2016	FRI		
27.12.2016	TUE		
06.01.2017	FRI		
09.01.2017	MON		
11.01.2017	WED	1st Semester #$@	2nd Semester #$@
17.01.2017	TUE		
19.01.2017	THU		
21.01.2017	SAT		

NOTE : # - 2009-10 Regulations , @ - 2013 – 2014 Regulations and $ - 2003-04 Students will be taking the Examinations under the 2009-10 Syllabus.

INTERVIEW QUESTIONS - "JAVA"

1. What is the recent version of Java SE?   (TCS)

Answer:

Java SE 8 Update 112

Date of Updation: 18-10-2016

2. Can you tell Autoboxing and Unboxing in Java?   (HCL)

Answer:

The automatic conversion of primitive data types into its equivalent wrapper type is known as boxing and opposite operation is known as unboxing. This is the new feature of Java5. So java programmer doesn't need to write the conversion code.

3. What is mean by Java Card?   (IGATE)

Answer:

Java Card refers to a software technology that allows Java-based applications (applets) to be run securely on smart cards and similar small memory footprint devices. Java Card is the tiniest of Java platforms targeted for embedded devices.

4,Can you define Java ME?   (IBM)

Answer:

Java ME was formerly known as Java 2 Platform, Micro Edition (J2ME). J2ME (Java 2 Platform, Micro Edition) is a technology that allows programmers to use the Java programming language and related tools to develop programs for mobile wireless information devices such as cellular phones and personal digital assistants (PDAs).

5. How java is helping in developing Web oriented and Enterprise things?

Answer: (TCS)

Java Platform, Enterprise Edition or Java EE is a widely used computing platform for enterprise software. The platform provides an API and runtime environment for developing and running enterprise software, including network and web services, and other large-scale, multi-tiered, scalable, reliable, and secure network applications.

"Connect Central Asia"

India and Russia signed $13 billion energy deal at the BRICS Summit 2016 in Goa. A deal of such volume is possible because of India - Iran signed a deal to develop Chabahar Port in Iran. Chabahar Port is located in the southern part of Iran. The location of the Port will give India a strategic advantage over Pak - China who are building a port 50 mile away in Pakistan. This port will decrease the cost and travel time connecting Central Asia and Europe. The major advantage will lie with Indian companies who will have access to Central Asia and Eastern Europe.

Central Asia consists of five countries and all end with 'stan'. India is having good relationship in the region and with Chabahar Port the trade volume is bound to increase. India is also going to construct a 500 km rail - link to Afghanistan for exploring mineral resources. Iran will act gateway to Central Asia which is rich in energy resources.

Central Asia has large oil and gas reserves which India needs. The long awaited Iran - Pakistan - India gas pipeline will not come into presence due to turmoil relationship between India-Pakistan. So India has planned underwater pipeline in Arabian Sea which will right pass Pakistan.

With G5+1 lifting economic ban on Iran India is investing $ 750 million. Indian companies like SAIL will start steel plants in the region. Russia's North-South corridor will be complete allowing road access to Europe.

Major challenge in the area lies with the 6 year long Syrian Civil war. With ISIL destabilizing the area economic development will become challenging. Iran and Saudi rivalry in the Middle East will also play a major factor. India's Balochistan card may also back fire. The exploration of Central Asia is based on Chabahar Port which falls under Iranian Balochistan.An independent Balcohistan uniting all Baloch people might threat India-Iran relationship. As uprising continues in Pakistan's Balochistan it may spread to Iranian side. India also needs to address the Kurdistan issue. Kurdistan is a province in Iraq which is all set to become a independent country.

China's S 50 billion investment in Pakistan to develop a trade route is under the scanner. As Pakistan MPs are calling it East India Company. Reports of misconduct and unequal share of investment is making Pakistan wary. As people of Pakistan fear the country will be drained further economically.

As for now India needs to boost investment and play proactive role in the region to ensure peace and stability.

- Niladri Ghosh (III Year EEE) RGCET

-NO MATTER WHAT, I FOLLOW MY DREAMS-

I get laughed at,
I get ignored,
I often feel trapped,
and keep my thoughts stored.
People can be cruel and very mean,
but no matter what,
I follow my dreams

Life has waves,
I know that.
But I stand brave,
and just take the crap.
I may feel exhausted and totally creamed,
but no matter what,
I follow my dreams.

I know what I want,
and I won't stop trying.
Quitting? I can't,
for now I'm flying.
It's impossible, it seems,
but no matter what,
I follow my dreams.

-Prajisha. J (III CSE "A") RGCET.

"A Cute Fake Smile"

Life resembles a game of mysteries..
Passing through the levels and no way to rest...
With the credits you get on the way to best..
And with a hoard of memories to cherish..

A gravity that keeps you in the right path..
That always puts you out of traps of fate..
The mystic energy that boosts your mind..
To bear the miseries and make you shine..

The interesting chapter that gears the flow..
Accelerates your zeal to open the next reel..
With the crisp of charisma to make it real..
Off course! Life is not easy as you think..

But it always brings you few loveable things..
For you to unwrap with joy and forget the pain..
So, that will make you rise back to your phase...
At least, with A Cute Fake Smile on your face...

-Ebanazer Pon Navisha.D (IV BME) RGCET.