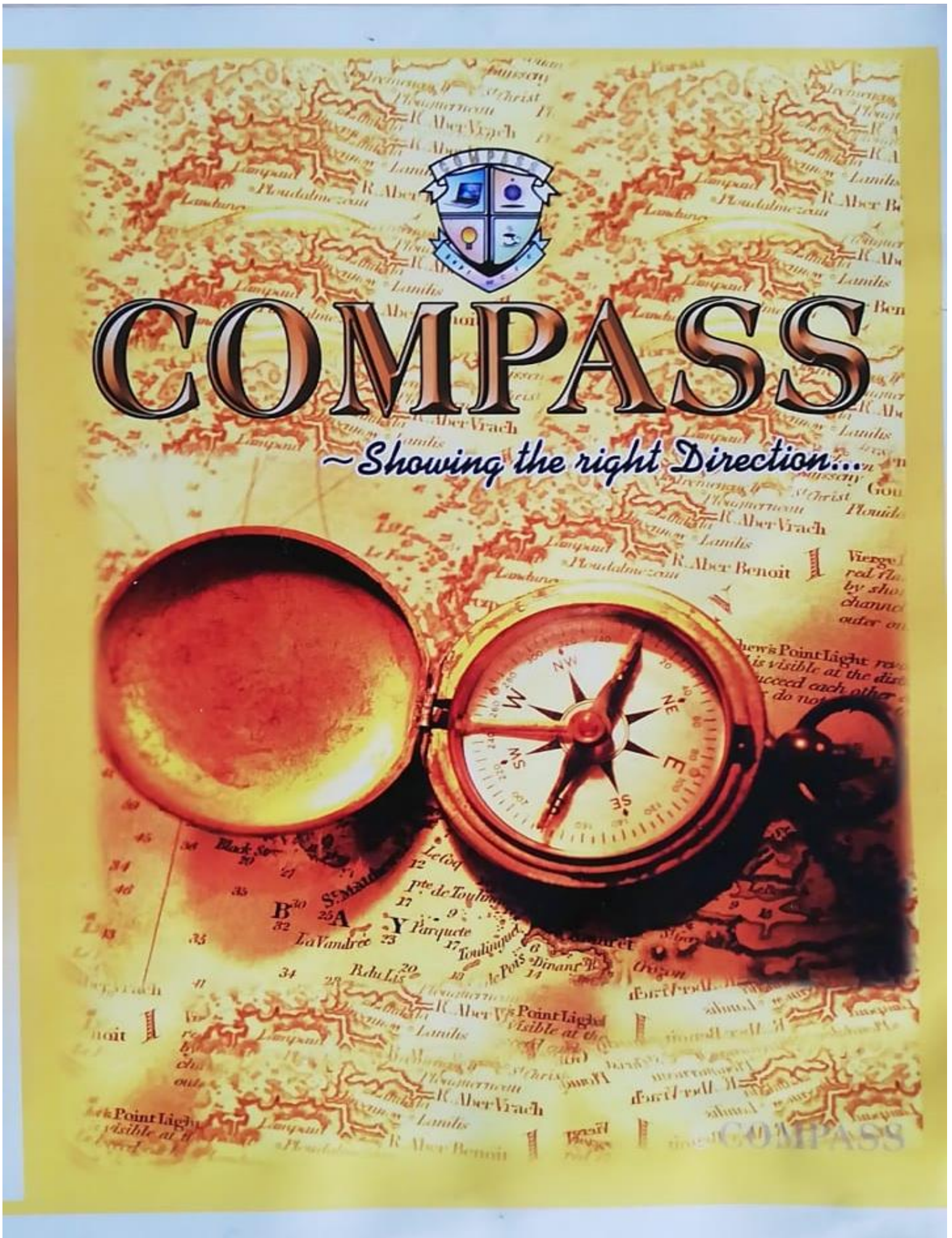

COMPASS
~Showing the right Direction...

RAJEEV GANDHI MEMORIAL COLLEGE OF ENGINEERING AND TECHNOLOGY

(AUTONOMOUS)

NANDYAL

(ESTD-1995)

Editor in Chief

Mr. K. E. NARESH KUMAR

Asst. Professor, CSE Dept.,

EDITORIAL BOARD

Editors	Management	Design
1.P.PAVAN POOJITH REDDY	1.M.KARTHEEK	1.G.ARITHA REDDY
2.B.SAI KIRTHY VARDHAN		2.M.LAVANYA

About RGMCET

Rajeev Gandhi Memorial College of Engineering and Technology was founded in the year 1995. It is located in a 32.04 acre sprawling campus on NH-40 (old NH-18) at Nandyal, Kurnool (Dist), Andhra Pradesh.

It is the dedicated commitment and efforts of our Chairman, the man with vision "Vidyarathna" Dr. M. Santhiramudu, who started the institution with a motto "**EDUCATION FOR PEACE**". RGMCET is a road of elegant educational journey, yet path breaking in different dimensions.

RGMCET Vision

- To develop this rural based engineering college into an institute of technical education with global standards.
- To become an institute of excellence which contributes to the needs of society.
- To inculcate value based education with noble goal of " Education for peace and progress".

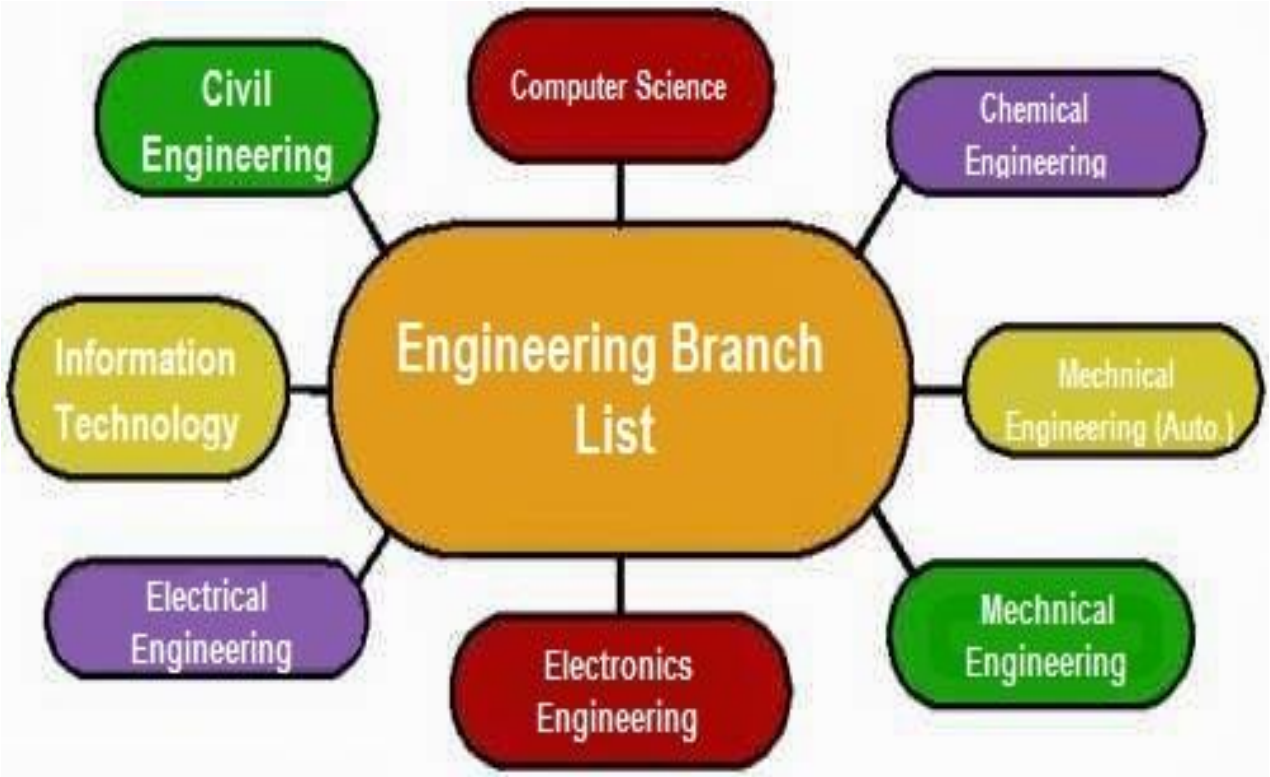
RGMCET Mission

- To build a world class undergraduate program with all required infrastructure that provides strong theoretical knowledge supplemented by the state of art skills.
- To establish postgraduate programs in basic and cutting edge technologies.
- To create conductive ambiance to induce and nurture research.
- To turn young graduates to success oriented entrepreneurs.
- To develop linkage with industries to have strong industry institute interaction.
- To offer demand driven courses to meet the needs of the industry and society.

- To inculcate human values and ethos into the education system for an all-round development of students.

RGMCET Quality Policy

- To improve the teaching and learning.
- To evaluate the performance of students at regular intervals and take necessary steps for betterment.
- To establish and develop centers of excellence for research and consultancy.
- To prepare students to face the competition in the market globally and realize the responsibilities as true citizen to serve the nation and uplift the country's pride.



About COMPUTER SCIENCE AND ENGINEERING

CSE Department Vision

- To empower students with cutting edge technologies in computer science and engineering.
- To train the students as entrepreneurs in computer science and engineering to address the needs of the society.
- To develop smart applications to disseminate information to rural people.

CSE Department Mission

- To become the best computer science and engineering department in the region offering undergraduate, post graduate and research programs in collaboration with industry.
- To incubate, apply and spread innovative ideas by collaborating with relevant industries and R & D labs through focused research groups.
- To provide exposure to the students in the latest tools and technologies to develop smart applications for the society.

Program Specific Outcomes (PSO's)

1. Students will have the ability to understand the principles and working of computer systems to assess the hardware and software aspects of computer systems.

2. Students will have the ability to understand the structure and development methodologies of software system, that possess professional skills and knowledge of software design process.
3. Students will have the ability to use knowledge in various domains to identify research gaps and hence to provide solution to new ideas and innovations.

Program Educational Outcomes (PEO's):

1. To Pursue a successful career in the field of Computer Science & Engineering or a related field utilizing his/her education and contribute to the profession as an excellent employee, or as an entrepreneur.
2. To be aware of the developments in the field of Computer Science & Engineering; continuously enhance their knowledge informally or by pursuing graduate studies.
3. To Engage in research and inquiry leading to new innovations and products.
4. To be able to work effectively in multidisciplinary and multicultural environments.
5. To be responsible members and leaders of their communities, understand the human, social and environmental context of their profession and contribute positively to the needs of individuals and society at large.

Program Outcomes (PO's) - Engineering Graduates will be able to:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Editorial Desk:

Firstly, I would like to thank the readers for being with us and helping us in shaping of our compass magazine. This time we forged the magazine in an exuberant manner, without giving place to any restraints published the articles which are worth enough. In the present edition, we concentrated more on thought provoking articles which touches the heart of the readers. Sharing such a proficient stuff in our department magazine is really a great work I should appreciate the people who had contributed the articles.

By this edition of compass magazine, we have overcome all the black shades which we had in previous editions. From the improvements that took place in the present edition compass magazine has gained its fleet I assure the reader will get benefitted with the magazine. The collective workout from our editors with increased enthusiasm influenced the way the magazine turned in. I wish the same coordination would continue for the upcoming editions that would bring out the best.

The productiveness of this edition is a ripe fruit from the reader's feedback. When the previous edition hit the stores, we felt happy with the positive response from most of the readers and felt even happier on listening the negative sides. We tried to tackle with those in our present edition and we hope the triumph is with us. It's a sincere request for each and every reader to post their feedback about the magazine, if there are any flaws feel free to express and see that your words reach the editorial board. Hope you enjoy reading compass.

I thank each and every individual who took part in bringing out the magazine, first of all I should thank our editorial board for their team spirit and maintaining such coordination, hope the same continues till the end. It will be incomplete if I wouldn't thank our beloved HoD sir for his all over encouragement in developing the magazine without him there is no word called 'COMPASS' in our campus our sincere thanks from the bottom of our hearts.

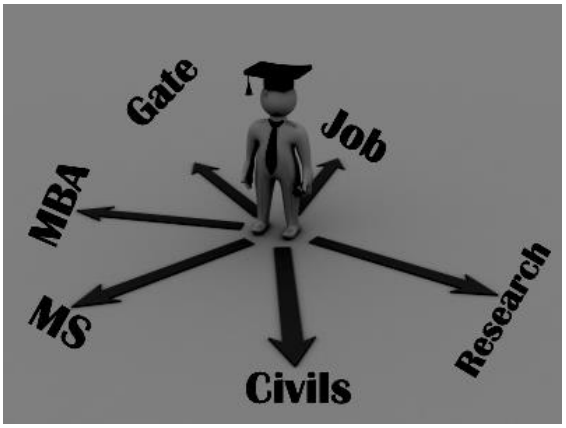
Index:

CAREER GUIDANCE

As soon as we enter into our 3rd year, twisting starts from our parents on "what next?" Sounds awkward, isn't it? It is also our responsibility to decide our career as we are about to get into a highly competitive world where nearly 5L of graduates steps out yearly. So its time to know what to do whether to get placed or go for higher studies, to reduce your dilemma we tried to put some useful information in concise and it's upto you to choose one among them based on your own interests don't rely on others, live your life don't survive on others.

"As you live your life, so you craft your life."

M.Tech:



There is great MYTH well known to us "**M.Tech is only useful for teaching field only".** It's absolutely false and very good mistake heard to us. Teaching is one of the ways only. Finally coming to the placements through Master's program in the reputed colleges (in top of hierarchy) you will get placed into some top Multi-National Companies across the world with a handsome salary that was hard to believe to you. And also to go to R&D labs of product oriented companies.

Actual motivation of Master's Program is to see the subject in the application orientation. As able to solve the real time industry problems (not only our IT industry) with new innovative ideas and challenging questions to existing ideas, unlike in Bachelors where we just learn the concepts. Another main way to drive the students towards RESEARCH i.e., getting them into subject from roots to top leafs and making the same tree useful for advanced usage, is initiated in Master's program itself (where India is currently lagging, although it has increased in last couple or more years)

Coming to the Master's program various colleges throughout India is offering the courses. The level hierarchy is:

1) IIT's
2) NIT's
3) IIIT's
4) Central Universities (like HCU, BHU etc.)
5) Reputed private Universities (Bits etc.)
6) University colleges
7) Top Private Engineering Colleges across the country are preferable selection for doing Masters.

The only way to step into these colleges is to Crack the GATE. After doing this, the master's program is financially aided program by MHRD (Ministry of Human Resources & Development) by providing a stipend of 8k per month atleast which will be useful to stand on your own shoes. In few or more colleges in above hierarchy there is flexibility that you can choose your favorite subjects from the list of all offering and do their respective advanced courses in following semesters and doing the Dissertation(final project) in that area itself, making you good enough in that area. If your thrust is unfilled then you can move for DOCTORIAL program also. Most of the colleges are offering this Masters in 2year T.A(Teaching Assistantship) category & 3year R.A(Research Assistant ship) category.

Nothing differs in two categories only the way the subjects in respective semesters are taken and Assistantship type (Of course one year is extra also, but you can learn a lot from it, if are only you interested in learning.

Coming to the part of the specialization in masters, the following are some areas:

1. Computer Science
2. Information Technology
3. Information Security
4. Software Engineering
5. Distributed Computing
6. Computer Systems and Hardware
7. Database and Information Systems
8. Programming languages
9. Computer Networks and Distributed Systems
10. Algorithms
11. Artificial Intelligence
12. Machines related etc..

Which is a long list but the above are most commonly seen in many colleges. The specialization depends purely on your taste and interest, really there is no such thing called only some specialization has more priority and some other are less. As i said it is purely depend on you and each one has its significant presence in every walk of our career.

MASTERS:

Usually most of the Graduates who aspire for greater knowledge in their respective fields especially computer science students choose masters. The only way to get into masters is by taking GRE, which has its preferences throughout the world. So here we have a concise description.

GRE (Graduate Record Exam) is an online adaptive test for students wishing to pursue higher education in the abroad mainly U.S.(Masters and doctoral program) some universities also consider GRE scores for admission into MBA programs. GRE is especially designed to measure the scholastic potential of the candidate and not the subject knowledge, evaluates applicants from different backgrounds on a common yardstick.

GRE scores are valid for 5 years. You can take multiple times with a gap of 3 months the preceding one, either the latest or best of all your scores will be considered. It is conducted throughout the year except on Saturdays, Sundays and all public holidays.
Eligibility: Any graduate is eligible to take the GRE for pursuing M.S/ PhD programs in US, CANADA & GERMANY. US is most preferable as most of the top 100 colleges belongs to US. Students aspiring to pursue MBA can also appear for GRE, as mainly Universities like Harvard, Stanford have started accepting GRE for MBA admissions.

Pattern of new revised GRE:

According to new pattern of ETS (organization which conducts GRE) which came force from August 2011. Previously it was 1600 marks/exam, now this is chopped down to 340 marks/exam.

Exam is totally of 4 ½ hours and consists of 3 sections

- MATH (quant section)
- ENGLISH (vocabulary section)
- AWA (analytical writing section)

The Math section and English section is equally divided, each worth 170 marks, making a total of 340. The syllabus for the Math section is basics that we've studied in Higher Secondary and in our 1st & 2nd years.
The English section is the pain for us most of Engineers, it consists of Sentence Completion (Fill in the blanks – but not as easy as in schools), Sentence Equivalence (Choosing 2 words or the same blank) and the Reading Comprehension.
And finally comes the AWA section, this consists of an "Argument" wherein you get an extract from some newspaper, editorials, etc., and you have to give your perspective/critique on the abstract. Basically find out the flaws and put them forward – this section checks the reasoning skills and ability to understand stuff. Next in line is the "Issue", here you'll be given a topic and you need to write down as much as you can about the topic given to you. You have 60 mins for this section with 30 mins for each of the above. This will help you in getting the Research Assistantships and Teaching Assistantships.

Benefits of writing GRE:

- ✓ More options after graduation: Explore better opportunities to learn abroad.
- ✓ More courses: colleges offering wide variety of courses, right from psychology to structural engineering, accept the GRE.
- ✓ Access to better colleges: A high GRE score, along with good academic qualifications, can open doors to some of the top U.S. universities.
- ✓ Financial Aid: Students with high GRE scores are usually preferred for financial aid, so you can sponsor part of your higher education with this aid.

How our GRE score enables admission to Universities:

- ✓ Admission panels usually give 25-30% weightage based on your Aggregate/ percentage, Academic achievements.
- ✓ Your GRE score gets a weightage of about 50%, if your aggregate is low, GRE is a good chance to strengthen your case.
- ✓ Remaining 20-25% depends on statement of purpose (SOP) and recommendations. These should be obtained from your project guide, Dean, HoD who knows you very well and have observed your working abilities.

This is the basic information that a serious aspirant required to know. If you are strong at vocabulary you can easily crack GRE with a good score, and you can get admitted into one of the top universities.

MBA:

In India MBA has an unparalleled charm for the students, who endeavor to do MBA course after having completed their graduation. This is probably due to exceptionally high salaries of the graduates of Indian Institutes of Management, a pragmatic course of study and jet-setting lifestyles of corporative executives.

The top Notch B-schools and management Institutes either affiliate themselves to a Common National level Entrance test or take their own aptitude test to select candidates. Some of the exams are CAT, XAT, SNAP, JMET, and CMAT. Their providence into various institutes are

CAT- All IIM's and 100+ more institutes.

XAT- XLRI Jamshedpur, XIM Bhubaneswar, S.P. Jain, GIM etc.,

SNAP – Institute affiliated with SYMBIOSIS University.

JMET – IIT's and NIT's Management program.

CMAT – All India council of Technical Education's various individual tests are IBSAT, IRMA, NMAT, IIFT.

These tests have selection process in three stages.

STAGE -1: Computer based test, which tests candidate skills in Data interpretation, Reading comprehension, Data sufficiency, logical reasoning, verbal ability, quantitative ability.

To ensure a chance of promoting to next stage, the candidate's need to secure marks above half of the total marks in order to get a good percentile. Even though it is difficult for anybody to prognosticate accurately regarding the scores, it depends a lot on level of difficulty of test.

STAGE – 2: Having secured good percentile scores, in order to enter into their dream institutes, the candidates need to apply to concerned institutes. There they need to go through GD & personal Interview where their personality traits are tested.

STAGE – 3: Being cleared off all the above rounds, the candidate is given a call letter for admission.

Admission in MBA institutes make the graduates train in team work skills as you learn to work with different people on different projects and teaches them how to manage themselves their time, people, situations, success and failure.

Having trained in these skills, there is tendency for IT outsourcing and technology companies to recruit MBA's in large numbers is continuing across India. Not only in IT sector, their opportunities are increasing gradually year by year. This can be known from facts like share of MBA job market in 2011, in India is alone accounts to 26%. Services and Finance are the other two dominant sectors where students are getting most opportunities. What abundantly clear is that employer demand for MBAs is stronger than ever and MBA qualification has a truly global appeal.

Getting into software – MNC:

The ultimate goal and destiny a computer science student is to associate with a multinational company (MNC), and to exhibit his atmost talents in the development of the company. Most of the students feel that the opportunity to get a job is only through campus

placements. But it is merely a conjecture. Getting placed in campus placement is really a boon, reduces the twisting from our parents and relatives. Even if you don't get placed in campus placements there are number of possibilities to get placed into a MNC.

We have different Hiring Potential tests (pH) that can fetch you a direct possibility to interview round. The pH Test is conducted every few weeks across the country. The test has been designed to measure the natural ability of test takers rather than your ability to learn by rote. To this end, all necessary formulae are provided in the question paper. Those who focus on building fundamentals and broad skills, rather than on learning "tricks" to solve specific topics perform better on this test. Most popularly known ph tests are ELitmus and RSAT which are online exams and are 24X7 flexible, exams are held throughout the year. Even 3rd years can take the exam and with a good score they are eligible for off- campus interviews.

Presently RSAT exam is conducted over online you need to answer 50 questions to be answered within 30 minutes. So you need to manage your time and try to answer all the questions within the stipulated time. Mostly the questions are all of objective type and covers topics: General English, general knowledge, quantitative aptitude, reasoning ability. With an average knowledge on these topics one can easily get a good score and the chances of getting hired with this score are high.

ELitmus or pH test is a written examination and consists of aptitude questions only and often has only three sections Quantitative, verbal and analytical sections. The test is designed to complete within two hours. The maximum marks are 600 and in the hiring process the scores are evaluated based on percentiles. Most of the companies choose candidates with more than 90 percentile for direct interviews.

These are some of the chances for an aspirant to get into MNCs, there are more number of chances waiting for you out there if the zeal is within you the triumph is yours.

CIVILS:

After attaining a basic degree certificate, an individual is eligible for applying CSAT-civil services aptitude test. If you have a special interest in service and you are keen in getting through it then go for preparing civils. In this process you need to go through three stages.

(i) Civil Service Aptitude Test (CSAT)

(ii) Civil Services Main Examination

(iii) Personality Test

Civil Service Aptitude Test consists of two papers. Each paper carries a maximum of 200 marks. Questions are objective type. The syllabus includes subjects like Current Events of National and International, History of India, Geography, Economic and Social Development, general issues on Environmental Ecology, General Science, Logical Reasoning and Analytical Ability and English Language Comprehension skills. Once you qualify the Civil Service Aptitude Test, you are eligible to take the Main Examination.Civil Services Main Examination consists of nine papers. All the papers are of descriptive type. These papers are intended to assess the overall intellectual abilities and knowledge of the candidates.The Personality Test is an interview conducted to assess the candidate's personality in terms of his intelligence, abilities, traits and values.

Virtual Reality 'The Disruptor'

'Virtual Reality (VR) will be as trans-formative for our society as the Internet and smartphone before it.'

Philip Rosedale (High Fidelity's Co-founder & CEO) spoke recently at the CTO Forum on the future of Virtual Reality (VR). Philip is the creator of the virtual world Second Life. In his talk he spoke about the next steps for VR, and the software/hardware that is needed to get us there.

Here is a summary of what Phil said:

- With VR we can achieve 18 degrees of continuous freedom (six on each hand & six on the head), and this allows us to see and manipulate the things we are working on. Therefore, the interface in our computer will become a natural interface.
- If we can transmit data from these new devices across the network, we can create not only the interface, but completely life-like communication. However, there are problems in doing that, but if we can transmit the information with less than 1/10th of a second delay, we will be soon using this technique to achieve face-to-face interaction. VR will therefore, have a disruptive impact on human communication.
- If VR climbs the adoption ramp, like the smartphone did, it could literally be less than a decade before VR becomes widely adopted. In the past, the Internet infrastructure (for VR in a shared context) in a space other than gaming and entertainment, required fast capabilities. Today we have achieved that after the Netflix explosion in service (reciprocal property with very low ping delays).
- We have now achieved less than 100 milliseconds in connection speed between the US and Singapore (1/2 way around the world). Therefore, the speed with which data can be transmitted is now below the 2003 ITU recommended level required to 'feel in conversational connection' with someone.
- When you bring all of these factors together, you create an opportunity to essentially put two people in a room together.

"***Reality is shaped by the forces that destroy it.***" ~D.Harlan Wilson

-K.V.Sainth, 3rd CSE

Bluetooth Broadcasting

Introduction

The purpose of this article is to know the students and professors about the Bluetooth broadcasting and what usage areas it can be used for. The wireless technology Bluetooth has rapidly become more commonly supported by electronic devices like mobile phones and PDAs. Several companies are currently developing Bluetooth broadcasting systems to use for marketing. This article is a result of researching the use of Bluetooth broadcasting for delivering information for more general purposes, how well Bluetooth actually works for broadcasting, and also on the topic of user privacy.

Why Bluetooth broadcasting?

Using the Bluetooth technology for broadcasting information allows for a way of broadcasting that is quite different from any other currently common broadcasting technologies. Bluetooth broadcasting will most likely not be able to replace broadcasting systems like television and radio broadcasts, or even message transmission technologies like e-mail, SMS/MMS and instant messengers (one example on instant messengers is MSN Messenger). However, Bluetooth broadcasting can be used in situations where the other technologies are not as suitable. The following kind will describe what kind of usages Bluetooth broadcasting will be most suited for.

Area broadcasting instead of group broadcasting

Unlike other digital channels for sending information, Bluetooth broadcasting allows for directing broadcasted information towards all people that are in the area, rather than a group of known people.
The reason for this is that the Bluetooth technology is quite limited range. The main difference between digital messaging service and Bluetooth is that digital messaging service requires list of known users to transmit the information whereas Bluetooth for unknown or temporary recipients.

“Cost free” distribution

While SMS and MMS messages could to some extent fill the same purpose as Bluetooth broadcasting, using Bluetooth has the additional advantage of being free to use. There is no need to pay for each message sent to users. It is not completely free of course, since it will still cost money for the hardware used for broadcasting, and for maintenance.

Examples of a current system for Bluetooth Broadcasting

1. Filter UK – BlueCasting
2. Alterwave

Filter UK – BlueCasting

BlueCasting is developed by Filter UK, and is described as "The Proximity Marketing System".
The system bases itself on adding small Bluetooth station boxes on for example advertising posters.
When mobile devices with Bluetooth enabled are in range, the device information is sent to a central server, which decides what contents to send, and sends it to the device via the Bluetooth station. The website also states that a transaction history will be stored for each device. The transaction history, together with other rules like what time of day it is, or how many users have already received the broadcasts, can be used to adjust the information sent to each device.

Supportive file types in this sytem are

1. Text [as TXT files]
2. Still images [as GIF or JPG files]
3. Animated images [as animated GIF files]
4. Audio [as WAV, RMF, MP3, MP4 or ring tone files]
5. Video [as RM, 3GP or MP4 files]
6. Java Applications [as JAR files]
7. vCard [Business card files]
8. vCal [Calendar event files]

Alterwave

Has developed Distri-Lite and Distri-Full, which are two slightly different Bluetooth broadcasting systems, though both use the same infrastructure.

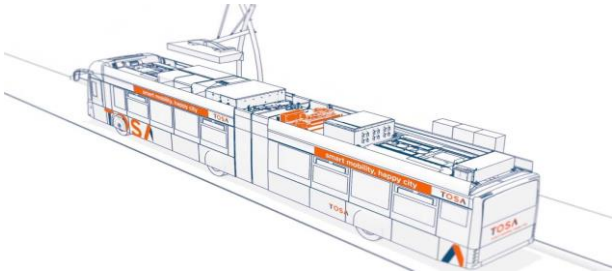
Distri-Lite: works by broadcasting a few messages (welcoming messages, ads) automatically, and then allowing distribution of further information on demand, allowing users to request content by sending messages to the Bluetooth station. It also stores statistics about system activity for the store owners to see the broadcasting traffic.

Distri-Full: Requires users to download a client application in order to access the contents of the broadcast. This client is broadcasted to the users in range, though how their system differs between different types of devices or even if they differ between them at all is uncertain. Anyway, the client can then be used to browse through and request content from the broadcast, and the content is sent to the user devices' inbox.

-B.Sai Teja Reddy, 3rd CSE

TOSA

With the fast growth of civilization ,there is also rapid using of fuel in automobiles. Fuel may be in the form of petrol or diesel. The world appears to have reactivated the energy liquid fuels. This is likely to be exhausted in the course of a few years at the rate man is using it .Everybody is caught up with the problem of conservation of fuel. On day to day life, The technology keeps on changing and there are more number of projects and concepts are still on research on reducing the usage of fuel.



One of concept called TOSA (Trolleybus Optimization System Alimentation) which is implemented successfully by the Swiss power and automation technology group at Geneva in Switzerland. The innovative TOSA e-bus with award-winning flash-charging technology replaces diesel buses on Geneva's Line 23, enabling emission-free urban transport. The charging infrastructure and onboard traction equipment supplied by ABB will help to save as much as 1,000 tons of CO2 per year on the 24.5-kilometer circular line that connects the airport with suburban Geneva. The buses serve 10,000 commuters per day and clock up 600,000 kilometers per year.

ABB has drawn up plans for India to become a fully electric vehicle nation by 2030, including an offer to supply electric buses that can be charged within 15 seconds.

India has plans to convert around 1.5 lakh diesel buses run by state transport corporations into electric buses in a bid to reduce its Rs.8 lakh crore annual crude oil import bill and check pollution, Union Road Transport and Highways Minister Nitin Gadkari had said last year.

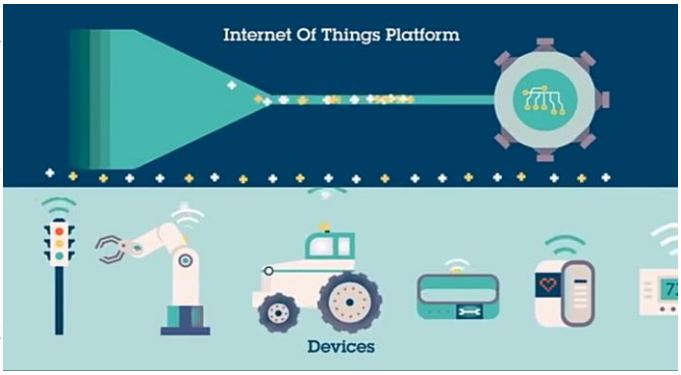
With no overhead lines, the electric buses by ABB connect to a high-power charging contact at bus stations through its controlled moving arm. It is equipped with on-board batteries and gets charged at various 'flash-charging' bus stations within 15 seconds.At the terminals, buses can be fully charged within five minutes and can help save up to 1,000 tonnes of carbon dioxide emissions ever year, compared with existing diesel buses.

-Poojith, 2nd CSE

IoT(Internet of Things)

The IoT is changing much relavent from the weavy drive to have we make purchases and even get energy for our homes.sofisticated sensors and chips are inbuild in the physical things around us through some special applications.All of these transmitting valuable data.Data will result in better understanding of how it works ?and how it works together?Devices plays a major role in it they are exactly connected among them and shares such large quantity of data

and they put theinformation together.



IoT acts as a platform which communicates all the devives that are connected to it.Many devices applies analytics to share the most valuable data with applications and addresses.

Examples of this kind of implementations are

1)Giving city recidences real time updates at where to park their vehicles

2)weather broadcasting

3)increasing the productions of the factories

4)we can give traffic updates to the people at the same time to airways,waterways and so on.

-Geethanjali, 2nd CSE

-Art by Pranavi, 3rd CSE

Recurrence

WORDS FROM FINAL YEARS (13-17)

To succeed anywhere in the world, the first thing to be taken into consideration is to believe in yourself. When you involve or take up something to do, never get into a thought that whether we can do or not. If this thought strikes in your mind it is the first step to failure. We want to specify this in the beginning because this has happened recently among yourself and which is a sad moment for every senior. One thing we want to say is not to depend only on one choose an alternate for every job, the way we usually cover things which we go wrong.

To be successful, select and elect, one among you whom you think is more commendable as your leader and collaborate with the people who are good and work with dedication. Identify the people who are good in different fields and assign the work for them in that field they are interested in. Even there might be many clashes among you come together and collaborate with the work till success reach your feet.

Never underestimate any one because the one whom you underestimate might be in a good position than you. Never estimate a person based on the academics. Stay connected with each other and help each other forever.

Here are some of the key words to all our lovable juniors from some of your seniors

- Let the world get changed, but be you and follow yourself.
- Dedicate and love the work you do.
- Create your own rules and rule the world.
- Maintain a healthy relationship with all your seniors and juniors.

"We wish you all the very best and full fill your dreams with a cheerful smile on your face"


Gallery
(13-17)
CSE
Rajeev Gandhi Memorial College of Engineering & Technology
Dept. Of Computer Science
their memory will last forever;
And we know your memory will be forever

COMPASS WINGS [13-17]

"If u find anyone Talented Support them if u can or else keep calm and enjoy but never Discourage or dissapoint them"

-P.PavanPoojiithReddyy

"Life is a game of obsatcles , cross over and chase your dreams"

-B.Sai Kirthy Vardhan

"Good thing
but better t
work for it"

o wait,
who

-G.Haritha

"If it was not hard everyone would do it. it is the hard that makes it great"

-M.Manikanta

"Never stop Learning,Because Life Never stop Teaching"

-N.Manasa

Pawan kalyan is a renowned personality for his humanity. He is the person of love and kindness towards poor. Even though he is engaged in cinema and earning good, he is a person of melancholy.He feels satisfied by helping people in miseries.He always wanted to serve the nation.He even come out his own family to be with people of Andhra Pradesh.

Pawan kalyan did many service activities for the people of Andhra pradesh.He recently addressed a epidemic mishap that exists in Uddanam,a village in Srikakulam.He travelled there and interacted with the victims and families affected by `Uddanam Nephropathy',a chronic kidney-related ailment.He demanded that the government announce a releif package for the patients and the children of those who died of the disease within 48 hours.He asked the government,that children should be given financial aid for their education.He constituted a five member committee of his party to study the reasons for the epidemic of large scale kidney disease in the area.By seeing this all our honourable chief minister N.Chandrababu Naidu announced some relief measures for patients of Chronic Kidney Disease(CKD).Pawan kalyan,the soul of kindness fulfilled the wish of a terminally ill 12 year old Srija,whose desire is to meet her favourite actor Pawan kalyan.He was saddened to see the state of Srija who wasn't responding to his attempts to talk to her.He donated 2 lakh to Srija's parents and assured his full support to aid the childs treatment.

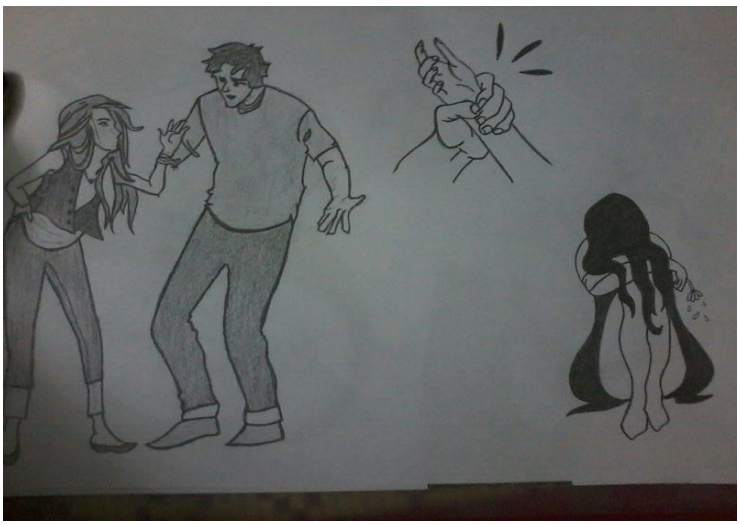
Pawan kalyan,the heart of concern donated 1 lakh rupees to Pavala Syamala,a veteran junior artist. She did a small role in Pawan's Suswagatham movie.When she was suffering from fatal illness,she tried to meet kalyan at shooting spot.

Pawan kalyan, the youth icon did many charity works for people in need. He lives in hearts of people.

JAI HO PAWAN KALYAN...JAI HO JANASENA.

-Syed Mahaboob Basha, 3rd CSE

CSE's Got Talent...



-Art by Pranavi, 3rd CSE

-Art by Lokesh, 1yr CSE

OBJECTIVES OF COMPASS

- INVOLVE STUDENTS IN DIFFERENT FORMS OF PEER-LEARNING
- ENCOURAGE STUDENT PARTICIPATION IN ACTIVITIES THAT REQUIRE THEM TO ACQUIRE AND DEMONSTRATE RATIONAL THINKING, COMMUNICATION SKILLS AND LOGICAL ABILITY.
- BRING OUT THE LEADERSHIP SKILLS AMONG INDIVIDUALS BY PROVIDING THEM SUFFICIENT EXPOSURE TO UTILIZE THE SKILLS ACQUIRED.
- HELP STUDENTS RECOGNIZE THE IMPORTANCE OF SMART-WORK & THINKING OUTSIDE THE BOX, THUS INCULCATE CREATIVE THINKING.
- CONTRIBUTE TO ALL ROUND DEVELOPMENT OF INDIVIDUALS THROUGH LEARNING OUTSIDE THE CLASSROOM.