The 2014 Commonwealth Games (officially the XX Commonwealth Games) were held in Glasgow, Scotland, from 23 July to 3 August 2014. It was the largest multi-sport event ever held in Scotland with around 4,950 athletes from 71 different nations and territories competing in 18 different sports, outranking the 1970 and 1986 Commonwealth Games in Edinburgh. England finished top of the medal table for the first time since the 1986 Commonwealth Games, also held in Scotland. Kiribati also won its first ever medal at a Commonwealth Games, a gold in the 105 kg men's weightlifting competition.

Sports: A total of 18 sports and 261 medal events were contested at the 2014 Commonwealth Games. A record 22 para-sport events were contested in five different sports (athletics, cycling, lawn bowls, swimming and weightlifting) and para track cycling was held for the very first time. Archery and tennis from the 2010 games were replaced on the sports programme with triathlon (for the first time since 2006) and judo (first time since 2002). Among sport disciplines removed from 2010 include the walking events in athletics, synchronized swimming and Greco-Roman wrestling, while mountain biking was contested for the first time since 2006. The ranking in the table is consistent with International Olympic Committee convention in its published medal tables. India’s Gagan Narang did the country proud today by winning a silver medal in men’s shooting in 50m Rifle Prone event. He won the 11th silver medal for the nation and overall his 9th medal in the commonwealth games, as the shooters continued to enhance India’s medal tally at Glasgow.

Quick Facts:
- The first Commonwealth Games took place in Hamilton, Canada in 1930. Four hundred athletes from eleven countries competed over 6 sports and 59 events.
- The Games were originally called the British Empire Games and went through various incarnations over the years until the current title of Commonwealth Games was introduced in 1978.
- There were no Games in 1942 and 1946 due to World War II and its economic aftermath.
- The Kuala Lumpur Games of 1998 saw the introduction of team sports.
- Scotland hosted the Games in 1970 and 1986, both times in Edinburgh.
- In 2000 the CGF created the Commonwealth Youth Games, open to athletes from 14 to 18 years of age. The inaugural Games were held in Edinburgh.
- Willie Wood, a lawn bowler from Scotland, is the first competitor to have competed in seven Commonwealth Games, from 1974 to 2002.
- Greg Yelavich, a sports shooter from New Zealand, won twelve medals in seven games from 1986 to 2010.
10 Tips for the Success of Engineering Students

We are always interested in finding out what current engineering students could do to put themselves on the fast track to career success. Here are some tips, most of which would work for any career-aspiring college student:

1. **Identify the people who inspire you, and find out what makes them tick.**
You can easily find out a lot of information about Steve Jobs and Bill Gates—or just about any other prominent person in technology—so use it to look into what's helped these people and their companies become so successful. Then emulate their good traits in your personal, scholastic, and professional life.

2. **Develop a portfolio of projects.**
Participate in every hands-on, experiential learning opportunity that a balanced schedule allows. This way, you'll have something unique to show a prospective employer (or venture capitalist) when you graduate, while other students will only be able to list their courses.

3. **Learn the value of networking.**
When it comes to being a leader, whom you know is almost as important as what you know. Attend lectures on your campus and introduce yourself to the speakers.

4. **Work in teams as much as you can.**
Whether it's creating a solar-powered car, participating in a sport, or writing for the school paper, get involved with an organization that requires a team effort to produce great results.

5. **Seek informal leadership roles.**
You're always a leader, whether you're officially in charge of a team or not. Sounds counterintuitive, but you can lead from any position in an organization by influencing how people work together and how they make decisions.

6. **Find your flaws—and fix them.**
As with any skill, leadership needs constant improvement. When you are part of a team, try to create a way to get feedback from team members, group leaders, and professors.

7. **Participate in competitions and create a portfolio.**
If you have free tools at your disposal, why not start learning by doing? For example, you can participate in various student society competitions to show everybody what you have learned.

8. **Keep Learning and Updating.**
We know that technological methods evolve quickly in any industry. Graduating and finding work as an engineer does not mean that you will stop learning. Work is a lifelong learning experience, and updating to the latest tools with all necessary training material included is a great way of keeping up with the development of the trade in the future.

9. **Make your summers productive.**
Employers place tremendous value on practical experience. Seek out internship opportunities actively and early in your academic career. Try to demonstrate through your internships a series of evolving leadership experiences, and use the internships to build your portfolio of actual projects/products.

10. **Recruit and develop your personal board of directors.**
As an undergraduate, you might feel alone when confronted with hard decisions about the courses to take, jobs to apply for, or even balancing school work and your personal life. You won't feel alone if you develop a personal board of directors just for you.

**Extra Pointer.** Be sure to "nurture" your board of directors: Keep in touch with them, provide them regular updates, ask them for guidance, and be sure to thank them for any help they provide. And don't be afraid of conflicting advice. If members offer different suggestions, you'll have the occasion to balance off one idea against another and make your own decision—just like at a real company.

“Always forgive your enemies; nothing annoys them so much.” — Oscar Wilde
Amazon has launched its Kindle PaperWhite e-reader in India. The WiFi-only version of the device is available at a price of Rs 10,999, while the 3G+WiFi version is priced at Rs 13,999. Kindle Paperwhite features new display technology with improved built-in light; a 25% faster processor and new touch technology with 19% tighter touch grid for better sensitivity. The e-reader also boasts of some new features such as Kindle Page Flip in-line footnotes, Freetime and Vocabulary Builder. The e-reader now also offers Facebook and Twitter integration for sharing recommendations, highlighted sections and quotes. As per the company, the new e-reader offers higher contrast and better reflectivity for whiter whites and blacker blacks. The new Paperwhite weighs 206gm and offers battery backup of 8 weeks on a single charge.

LG has launched its first curved screen smartphone, G Flex, in India. With a price tag of Rs 69,999, it is the most expensive Android smartphone in the Indian market. When sufficient force is applied, the smartphone’s screen bends a little as well. The G Flex is also the first handset in the world to feature a self-healing back panel, which repairs minor scratches and cuts on the back automatically. The new LG G Flex has a 6-inch 720p display that curves across the vertical line and runs on Android 4.2 (Jelly Bean). Other key specifications of LG G Flex include 2.2GHz quad-core Snapdragon 800 processor, 2GB RAM, 13MP rear camera and 3,500mAh battery.

Memristor: A Groundbreaking New Circuit

This simple memristor circuit could soon transform all electronic devices. Since the dawn of electronics, we’ve had only three types of circuit components—resistors, inductors, and capacitors. But in 1971, UC Berkeley researcher Leon Chua theorized the possibility of a fourth type of component, one that would be able to measure the flow of electric current: the memristor. Now, just 37 years later, Hewlett-Packard has built one.

What is it? As its name implies, the memristor can "remember" how much current has passed through it. And by alternating the amount of current that passes through it, a memristor can also become a one-element circuit component with unique properties. Most notably, it can save its electronic state even when the current is turned off, making it a great candidate to replace today’s flash memory.

Memristors will theoretically be cheaper and far faster than flash memory, and allow far greater memory densities. They could also replace RAM chips as we know them, so that, after you turn off your computer, it will remember exactly what it was doing when you turn it back on, and return to work instantly. This lowering of cost and consolidating of components may lead to affordable, solid-state computers that fit in your pocket and run many times faster than today’s PCs.

Someday the memristor could spawn a whole new type of computer, thanks to its ability to remember a range of electrical states rather than the simplistic "on" and "off" states that today’s digital processors recognize. By working with a dynamic range of data states in an analog mode, memristor-based computers could be capable of far more complex tasks than just shuttling ones and zeroes around.

When is it coming? Researchers say that no real barrier prevents implementing the memristor in circuitry immediately. But it’s up to the business side to push products through to commercial reality. Memristors made to replace flash memory (at a lower cost and lower power consumption) will likely appear first; HP's goal is to offer them by 2012. Beyond that, memristors will likely replace both DRAM and hard disks in the 2014-to-2016 time frame. As for memristor-based analog computers, that step may take 20-plus years.

“You only live once, but if you do it right, once is enough.” — Mae West
Farewell of Col. H. V. Goel

Farewell of Col. H. V. Goel, Administrative officer cum registrar, MIT was organized on 17th June’14. He served the institution for approx. 15 years. He was a very dedicated person towards his work.

Sri Y.P. Gupta, Secretary, Sri Adarsh Agarwal, Treasurer, Sri Anil Agarwal, Joint Secretary, Prof. (Dr.) S. Mukherjee, Director General, Prof. (Dr.) Vineet Tirth, Director and all HODs honoured him by offering the garland.

All the dignitaries and many other member of MIT family shared their experiences which they had with Col. H. V. Goel. The wife of Col. H. V. Goel also graced this auspicious occasion.

Presently Dr. Manish Saxena, Associate Professor, Deptt. of AS & H is working as Registrar and Mr. Nitin Saxena, Asst. Professor, Deptt. of EE Engg. is working as Deputy Registrar.

“Bright Idea Award and Techvagnza”

A project exhibition had been organized for final year students of all branches on 17 June’14. In this exhibition 31 projects based on latest technology had been displayed by the students. The projects were very innovative and helpful for the modern era.

In this Exhibition 12th standard students had been invited to make them motivated towards the various technical fields.

In this exhibition, a contest “Bright Idea Award” was also organized for the 12th standard students. In which they had to come up with technical and innovative ideas for the application in modern era.

The chief guest of this function was Mr. Ajeet Kumar Gupta, Principal, R. N. Inter College. He visited the exhibition and appreciated the students for their brilliant ideas.

Sri Y.P. Gupta, Secretary, Sri Adarsh Agarwal, Treasurer, Prof. (Dr.) S. Mukherjee, Director General, Prof. (Dr.) Vineet Tirth, Director motivated and appreciated the students by giving them certificates.

“In three words I can sum up everything I’ve learned about life: it goes on.” — Robert Frost
INSTITUTE NEWS

Felicitations programs...

For U. P Board School Toppers

MIT always motivates brilliant brains by honoring them and in this series a felicitation program was organized in the college campus on 4th June’14 to honor the topper students of 12th standard of U. P. Board schools in Moradabad region. MIT felt honored to have Mr. A. K. Gupta Principal, R. N. Inter College, Dr. D. K. Agarwal, Principal, Maharaja Agarsen Inter College and Ms. Archna Sahu, Principal, Sahu Ramesh Inter college as guests for this occasion. Through this program, those talented students got awareness about technical education and they got motivated for developing their career in various technical fields.

Prof. (Dr.) Vineet Tirth, Director invited 12th standard students for the career counselling so that they may get proper guidance for their future.

Students felt very happy by visiting the college campus. They got valuable information about various technical fields and placement of the college.

All the respected members of MET, Prof. (Dr.) S. Mukherjee, Director General, Prof. (Dr.) Vineet Tirth, Director, and all HODs wished them a very bright future.

For CBSE School Toppers

A Felicitation Program was organized in the college campus on 7th June’14 to honor the topper student of 12th standard of C. B. S. E. schools in Moradabad region. We felt honored to have Mr. Anupam Jagga Principal, D. P. S. College, Mr. M. M. Sharma, Principal, G. K. Welhams College and Ms. Babita Agarwal, Principal, S. S. Children Academy as guests for this program.

The aim of this program was to provide awareness about technical education to those talented students so that they may get motivated for developing their future in various technical fields.

Prof. (Dr.) Vineet Tirth said that the 12th standard students always welcome for the career counselling.

Students were very happy by visiting the college campus. They got valuable information about various technical fields and placement of the college.

Students shared their views about the visit and felicitation program and they felt very honored and happy by receiving certificates from MIT, Moradabad.

They also said that when they have a quality educational organization in their city, they will develop themselves through this organization and will help the society.

All the dignitaries, Prof. (Dr.) S. Mukherjee, Director General, Prof. (Dr.) Vineet Tirth, Director, and all HODs wished them a very bright future.

“Wonder is the beginning of wisdom.” — Socrates
Movie review—Singham Returns...

Film: Singham Returns
Genre: Action-comedy
Director: Rohit Shetty
Cast: Ajay Devgn, Kareena Kapoor, Mahesh Manjrekar
Rating: ★★

Story line: Bajirao Singham (Ajay Devgn) takes on a corrupt politician (Zakir Hussain) and a godman (Amol Gupte) who are involved in black money racket and divisive politics. The film tracks Singham's fight against the system and the villains. Rohit Shetty is back with the sequel of his 2011 hit Singham. Ajay Devgn reprises his role of the good cop, Bajirao Singham, while Kareena steps into the shoes of Kajal Aggarwal, Singham's lady love. Rohit Shetty has often said that he does not make movies for critics and entertaining the audience is his sole motto. While Singham was a fun-filled entertaining movie, Singham Returns does not really match up to the standards set by it. Rohit has aimed his guns at black money and racketeering in elections and politics. The screenplay smartly takes digs at leaders who bank on divisive politics and the poverty of the people. The film highlights cash distribution for getting votes and stacking of black money.

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GK QUIZ

1. What is the India’s ranking in the Global Peace Index-2014, published by the Institute for Economics and Peace?
   A) 112  B) 165  C) 143  D) 76

2. Recently, “Gaofen-2” a most advanced high-definition Earth observation satellite was launched by which country?
   A) Russia  B) China  C) Japan  D) Pakistan

3. “Sakari Momoi”, a 111 year-old man, who has been recognised as the world’s oldest living man recently, belongs to which country?
   A) Japan  B) USA  C) Argentina  D) China

4. Name the person who recently won the singles title of the Dubai Duty Free Tennis Championship?
   A) Tomas Berdych  B) Roger Federer  C) Novak Djokovic  D) Andy Murray

5. Who won the doubles title of the Dubai Duty Free Tennis Championship?
   A) Rohan Bopanna and Aihsan ul Haq Qureshi  B) Daniel Nestor and N. Zimonjic  C) Bautista Agut and Istomin  D) Tomasz Bednarek and Lukas Dlouhy

Answers:

“Question everything. Learn something. Answer nothing.” — Euripides
There is no doubt that Wayanad is one of the best hill stations in South India. And this means, there is no lack of beautiful natural sights. Its strategic location in between the Western Ghats’ mountains gives travelers immense opportunities to trail trekking routes, mountain climbing, hiking etc.

**Chembra Peak**
At a height of 2100 metres, the towering Chembra Peak is located near Meppadi in the southern part of Wayanad. It is the tallest of peaks in the region and climbing this peak would test ones physical prowess. The climb up the Chembra Peak is an exhilarating experience, as each stage in the climb unfolds great expanses of Wayanad and the view gets wider as one goes up to its summit. Going up and coming down the peak would take a full day. Those who would like camp at the top are assured of an unforgettable experience.

**Neelimala**
Located in the southeastern part of Wayanad, and approachable from Kalpetta as well as Sulthan Bathery, Neelimala is a trekkers delight, with options for different trekking routes. At the top of Neelimala, the sight is a breathtaking one with a view to the Meenmutty falls located near by and the valley in the foreground.

**Meenmutty waterfalls**
Located close to Neelimala the spectacular Meenmutty falls can be reached through a 2 km trekking route from the main road connecting Ootty and Wayanad. It is the largest of waterfalls in the district of Wayanad, and adds to ones curiosity with its three stage falls dropping from about 300 metres.

**Chethalayam**
Yet another waterfall that attracts visitors to Wayanad is the Chethalayam falls, located close to Sulthan Bathery in the northern part of Wayanad. This waterfall is smaller in size when compared to Meenmutty. The falls and the adjoining areas are ideal locales for trekking and a haunt for bird watchers.

**Pakshipathalam**
Pakshipathalam is located deep within the forest in the Brahmagiri hills at an altitude of more than 1700 metres. The region predominantly comprises large boulders, some of them really massive. The deep caves found here are home to a wide variety of birds, animals and distinctive species of plants. While you take in the captivating sights, sounds and fragrance of Wayanad, you may also shop for some specialities of Wayanad like spices, coffee, tea, bamboo products, honey and herbal plants.

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**Monthly Health Tips...**

**Health Benefits of Peanuts:**
Here are some of the most well-known health benefits of Peanuts:
1. **Rich in energy:** Peanuts contain vitamins, minerals, nutrients and antioxidants and thus are rich energy sources.
2. **Cholesterol:** It lowers bad cholesterol in the body. Peanuts contain mono-unsaturated fatty acids especially oleic acid that prevents coronary diseases.
3. **Growth:** Peanuts are rich in proteins. The amino acids present in them are good for proper growth and development of body.
4. **Protects skin:** Vitamin E in peanuts helps in maintaining the integrity of cells of mucous membrane and the skin. This protects them from free radicals which cause great damage.

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**Website an Engineer must know**

- **http://www.w3schools.com/**
  W3Schools is a web developer information website, with tutorials and references relating to web development topics such as HTML, CSS, JavaScript, PHP, SQL, and JQuery.

- **http://www.cprogramming.com**
  A simple-to-understand introduction to C tutorial. Learn C today with examples, clear explanations and quizzes.

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**Team Reflections**

**President**
Mahim Gaur (EL-Final Year)

**Vice-President**
Kavya Bhatia (EC-Final Year)

**Coordinator**
Manvendra Singh (EC-Final Year)

**Moderators:** Harshit Agarwal (CS-Final Year)


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“Two things are infinite: the universe and human stupidity; and I’m not sure about the universe.” — Albert Einstein