Mission Clean Ganga

By: Shuchita Saxena, Asst. Prof., Deptt. Of EC

Will the 'Mission Clean Ganga by 2020' be the first priority for Prime Minister Narendra Modi, who is also the chairperson of National Ganga River Basin Authority (NGRBA) now? The cleaning of Ganga is a priority item on the agenda of PM Narendra Modi, who declared his commitment to the issue during his Ganga aarti on May 17 after winning the Lok Sabha elections.

“When I see the pitiable condition of the Ganga, I feel pained, but I feel it is Maa Ganga who has decided I have to do something for her. The need of the hour is to restore the glory of the Ganga. Today Maa Ganga is calling us, her children to make the river clean once again,” Modi had said.

The PM’s commitment to cleaning the holy river is reflected by the appointment of Uma Bharti as Minister for Water Resources and renaming the ministry as Ministry of Water Resources, River Development and Ganga Rejuvenation. Bharti, who launched a Ganga Samagra Yatra in Sept. 2012, travelled across the length of the river in five states and has also demanded national heritage status for the river.

With the constitution of NGRBA in 2009, it was decided to achieve the Mission Clean Ganga by 2020. The first meeting of NGRBA was held on October 5, 2009. It was decided that under Mission Clean Ganga, it will be ensured that by 2020 no untreated municipal sewage and industrial effluents into the river are sure to make its clean-up one of the most complicated tasks taken up by environmental authorities.

Fifty cities located along the more than 2,500-km river discharge 2,723.3 million litres a day (MLD) of wastewater into it, according to the latest assessment report of the Central Pollution Control Board (CPCB). On the other hand, existing treatment systems can handle only 44 per cent (or 1208.8 MLD) of the wastewater.

“The assessment of sewage generation and development of treatment capacities indicate a gap of 1,515 MLD, which should be reduced to improve water quality of river Ganges,” says the report that is yet to be released by the Environment Ministry.

The situation is further complicated by 138 drains that discharge thousands of litres of waste water into the Ganga and the critical condition of two of its tributaries, Ramganga and Kali.

Making comparison with river cleaning programmes for Thames, Rhine and Danube in Europe, the study mentioned that river cleaning programmes have a long history. It was observed that actions in these programmes have been taken over a period of 20 years or more. Therefore, it would be unreasonable for a developing country like India to expect to achieve in 10 years, what western countries with more resources could achieve in over 20 years.

We are hopeful that the commitment of the PM designate to Ganga will bring some encouraging results.
The two most prominent questions bewildering parents & engineering aspirant students these days are:

1. Which college?
2. Which branch?

Welcome to the admission season; in addition to summers, winter & rains, we in India have to acclimatize with this additional season. In this climate one get’s to savour enticing advertisements from various colleges imparting professional education.

Mechanical, Mechatronics, Electronics Electrical, Computer Science, IT or something else? There are hundred plus varieties of engineering branches and sub branches available in the prospectus to select from. Deciding upon the right engineering branch is too tricky for both students and their parents. “It is just like medicines; every composition has some value and is helpful to cure some or the other illness but this happens only when the doctor reads the symptoms rightly and prescribe the right medicine. Likewise all engineering branches lead to success – what is required is to have the right match.”

Here are a few tips to wisely select the right branch of engineering:

1. The big dilemma: Branch or College?

Both are important, branch as well as the college and you have to be really fortunate to be the one to get both. Nevertheless in a situation where one has to make a choice, the students should first weigh the options available with them and research the credentials of the institute thoroughly. Study the college websites and ensure the basics of accreditation etc. to be in place. Students have all the rights to ask for these details. Review the past performance of the institute in terms of placements, teaching faculty and infrastructure. The diagram depicts a typical engineering education which can aid one in choosing an engineering college as well.

A good engineering college would have all those linkages established. An engineering college should have adequate infrastructure, equipment, building space, funds and most of all the linkages with the industry, society. After checking the requirements, one should not fail to check on the outputs such as number of graduates, postgraduates, Ph.Ds graduating from the college. Moreover, check on the outputs parameters produced by the faculty in the form of publications, journals, books, patents and technology. Likewise all engineering branches lead to success – what is required is to have the right match.

2. Stick to your interest

Many children get compelled either by parents or by peers to select some particular branch of engineering. All such students should take into cognizance the fact that future scope would be worthwhile only when you have the desired aptitude to work in the particular field. The fact remains that every branch brings about decent set of opportunities. However if you end up selecting a branch only on the basis of presumed job prospects, irrespective of your interest, it might not lead you anywhere.

3. Look beyond four years

Engineering degree is not the end of journey for most of the students. A lot many students prepare for post graduation either in engineering or administration or management. It would be wise to plan for future. Students should try to understand the possible and understand their lifestyle and meet as many engineering professionals as possible and understand their lifestyle and meet as many engineering professionals as possible and understand their lifestyle and meet as many engineering professionals as possible and understand their lifestyle.

Life after graduation thoroughly. Every branch of engineering terminates into a specific job role. Before selecting a branch of engineering students should try and meet as many engineering professionals as possible and understand their lifestyle and career prospects. This will give them better clarity about the profession and enable them to take the right decision.

**FINAL WORD:**

All branches of engineering have the potential to deliver a great future to the student. **More than selection of the institute it is the selection of the right branch which is critical.** Before finalizing on any institute a student should necessarily be satisfied with the institution’s accreditation status. Understand & analyse your aptitude, interest & skills and apply these details to select the right branch of engineering. Where ever required, do not hesitate to take professional help to select the right branch and the right institute.

**Why MIT is the right choice?**

- Oldest Institute in Uttar Pradesh region. (Established in 1996)
- Approved by AICTE, affiliated to UPTU, Lucknow.
- Accredited by NBA (National Board of Accreditation) and TCS (TATA Consultancy Services).
- ISO 9001 compliant.
- 13.012 acres Wi-Fi campus with 10 highly skillfully designed academic blocks.
- Outstanding Institution Award from NITTTR, Chandigarh.
- Ranked in top 20 institutes of the state.
- Highly qualified faculty who love to teach & mentor their students.
- 100% placement (approx.) in top companies. And many more.....

Moreover, MIT Banks & Practices on:

Driven by quality education
Powered by innovative research

**Believe you can and you’re halfway.**
Apple iOS 8: New features to

iCloud Photo Library: In iOS 8, the Photos app and iCloud Photo Library give you access to all of your photos and videos anytime, anywhere. The Photos app can automatically straighten horizons and with smart editing tools, you can quickly adjust light and color or access individual tools for deeper fine-tuning. With iCloud Photo Library, every adjustment and effect is automatically updated across your devices.

Message features: Conversations in Messages become more immersive with the ability to communicate with just a swipe. Tap to Talk allows you to share your voice and the same simple gesture also works for sharing videos and photos within Messages. Group messaging now gives you the ability to add and remove contacts, leave a conversation and the option to not be disturbed. Users can easily browse through all of the photos and videos within a conversation and share multiple photos and videos at once. You can choose to share your current location from within Messages for an hour, a day or longer.

Health app: iOS 8 offers developers the ability for health and fitness apps to communicate with each other. With your permission, each app can use specific information from other apps to provide a more comprehensive way to manage your health and fitness. For example, the Nike+ apps using Nike Fuel will be able to pull in other key Health Kit metrics such as sleep and nutrition to build a custom user profile and improve athletic performance.

QuickType keyboard: New predictive typing for Apple's QuickType keyboard is smarter and more personalised, and intelligently takes context into account. QuickType understands the way you communicate, suggesting favourite phrases, so you can write entire sentences with just a few taps. What the keyboard learns is encrypted on your device and never sent to the cloud.

Family Sharing: Family members can browse and download each other's iTunes, iBooks or App Store purchases. Up to six members can participate, each with their own Apple ID. Parents can create Apple IDs for children, which include Ask to Buy, requiring parental permission for purchases. Family Sharing automatically keeps everyone connected by creating a shared family photo stream shared calendar and provides an option for locating family members and their devices.

iCloud Drive: With iCloud Drive, documents of any type can be safely stored, accessed and edited across your devices. Make edits on one device and the most up-to-date version of your documents will be available across all devices, whether an iOS device, Mac, Windows PC or on www.icloud.com.

Extended Spotlight capabilities that give you results beyond what's on your device, including articles from Wikipedia, findings from the news and results from places nearby.

Greater continuity between iPhone, iPad and Mac, including Handoff to start an activity on one device and finish on another, along with Instant Hotspot and the ability to make and receive calls and send SMS and MMS messages from your Mac or iPad.

The iOS 8 beta software and SDK are available immediately for iOS Developer Program members at developer.apple.com. iOS 8 will be available

Facebook, You're Not Alone: 5 Accidental App Launches That Aren't Slingshot
Facebook abandoned its longtime "MoveFast and Break Things" motto in April, but that doesn't mean the company is completely accident-free. Facebook jumped the gun on a product launch Monday, unveiling its new Snap chat-like messaging app Slingshot in multiple regions before pulling the app from the App Store entirely. The faux launch was an "accident" according to the company, claiming instead that the app will be "ready soon."

Don't judge each day by the harvest you reap but by the seeds that you plant.
Mohit Saxena student of Electronics and communication engg. 2012 batch has been selected for the Indian engineering services.

He secured **30th rank** in India and the **1st rank** in Uttar Pradesh.

Indian Engineering Services (IES/ES) constitute of engineers that work under the government of India to manage a large segment of public sector economy which constitutes of railways, public works, power, telecommunication, etc.

A combined competitive examination is conducted by the Union Public Services Commission (UPSC) for recruitment to the Indian Engineering Services. The Examination constitutes of a written examination followed by an interview for personality test.

Electronics and communication engineering department organized a felicitation program for him. In this program his parents were also invited.

Mohit Saxena shared his story of success and preparation strategy with the students. He also gave some tips to his juniors and motivated them to dream big and to work hard to get those dreams.

Prof. (Dr.) S. Mukherjee presented a token of regards to him.

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T & P Cell Activities...

We are fortunate enough that the following companies visited our campus in the May 2014 and selected students from different branches.

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<td>Designco</td>
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<td>Aon Hewitt</td>
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<td>Syntel</td>
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<td>Interglobe Technologies</td>
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- Interview date for Syntel will be declared very soon.
- Phonesupport will visit our campus for all branches on 4 june 2014. Phonesupport is a captive support center of Systweak which is a 500Cr enterprise in market since 1997. It is a Microsoft Gold Channel Partner which develops Software for Microsoft and all The Laptop Manufacturing Companies.
- Students Chemical Engineering will go for a off campus at Invertis University Bareilly for the Company BL Agro Limited Bareilly on 13 June 2014. there is no specific eligibility criteria.
Movie review— HOLIDAY...

Rating: ★ ★

Holiday is the remake of the Tamil film Thupakki. So here's a bit about the plot.

Soldier Kumar is home on a holiday but then remember the tag line, 'A soldier is never off duty', that's pretty much the story.

Once off duty, (officially) Virat Bakshi (Akshay Kumar) is chasing a terrorist who belongs to the sleeper cell. Sonakshi Sinha is his love interest; he initially rejects her because she is in a traditional look and not modern enough for him. But once he sees her in some western outfits he decides that she will be the love of his life. Since he is the hero, he will definitely do some 'heropanti'- he will check women out in public because looks are important! Subtlety is clearly not Murugadoss's strength.

If the biggest strength of Holiday is Akshay Kumar, then it's safe to say that the biggest weakness is its running time of almost three hours. Watch it if you are a die-hard fan of Akshay Kumar and if you have that kind of time!

Sudoku

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GK QUIZ

1. Brass gets discoloured in air because of the presence of which of the following gases in air?
   A) Oxygen  B) Hydrogen sulphide  C) Carbon dioxide  D) Nitrogen

2. Which of the following is a non metal that remains liquid at room temperature?
   A) Phosphorous  B) Bromine  C) Chlorine  D) Helium

3. Chlorophyll is a naturally occurring chelate compound in which central metal is
   A) Copper  B) Magnesium  C) Iron  D) Calcium

4. The Homolographic projection has the correct representation of
   A) Shape  B) Distance  C) Baring  D) Area

5. The latitudinal differences in pressure delineate a number of major pressure zones, which correspond with
   A) Zones of climate  B) Zones of oceans  C) Zones of land  D) Zones of cyclonic depressions

6. The intersecting lines drawn on maps and globes are
   A) latitudes  B) Longitudes  C) Geographic grids  D) None of the above

Answers:

We are what we repeatedly do. Excellence, therefore, is not an act but a habit.
Place To Visit……… KASAULI

Kasauli is a cantonment and town, located in Solan district in the Indian state of Himachal Pradesh. The upper and lower malls run through Kasauli’s length and one can enjoy long walks. A mixed forest of pine, oak and huge horse-chestnut encircles the town. Its colonial ambience is reinforced by stretch of cobbled road, quaint shops, gabled houses with charming facades and scores of neat little gardens and orchards.

ACCESS: Kasauli is connected by road. The closest broad gauge railhead is at Kalka, 37 km away. The closest airport are at Chandigarh, (65 km) and Shimla (73km). Taxis and buses for Kasauli are available from Delhi, Chandigarh, Kalka and Shimla.

CLIMATE: In winter, the temperature gets quite low and heavy woolens are required. In summer, the climate is mild light woolens/cottons are recommended.

PLACES OF INTEREST

MONKEY POINT: 3.5 km from Hotel Ros Common, a hill which derives its name from Rishi Man-Ki who used to worship an idol of Lord Hanuman and later the summit was crowned with a small temple dedicated to Lord Hanuman and presently being looked after by the personnel of Air Force, stationed here. The area being restricted from security point of view, no belongings like Camera etc are allowed.

OTHER ATTRACTIONS: Christ and the Baptist Church are examples of Kasauli’s colonial architecture. Central Research Institute established in 1906 by Dr. Sample prepares various vaccines. Kuthar (46 km) has an old palace with wall paintings. The small Sanwara Station (16 km) on the Kalka Shimla Railway line can make a good downhill hike from Kasauli.

BABA BALAK NATH TEMPLE: 3 km on the Hill top is a famous temple of Sidh Baba Balak Nath.

SHIRDI SAI BABA MANDIR: Built in 1989 the famous temple is located half km away from Garkhal. The idol of Sai Baba was built at Jaipur and the burning flame in this temple signifies the divine power of Sai Baba of Shirdi.

Give Your Diet a Berry Boost

If you do one thing this summer to improve your diet, have a cup of mixed fresh berries -- blackberries, blueberries, or strawberries -- every day. They’ll help you load up on antioxidants, which may help prevent damage to tissues and reduce the risks of age-related illnesses. Blueberries and blackberries are especially antioxidant-rich. A big bonus: Berries are also tops in fiber, which helps keep cholesterol low and may even help prevent some cancers.

Monthly Health Tips...

Website an Engineer must know

http://www.engineering.com/
A wealth of engineering related news, videos, resources and jobs.

http://www.eng-tips.com/
A fine collection of discussion forums, blogs, whitepapers and more. Covers a wide range of engineering fields.

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)


Once you replace negative thoughts with positive ones, you'll start having positive results.