




Sarvajanik Education Society
Sarvajanik College of Engineering & Technology, Surat.
Master of Computer Application Department

Date: 26-February-18

Report of Expert Talk on
“Stories on Innovative Astronomy for Engg. Students”




Have you ever dreamt of working for NASA? ISRO? IARC?
Are you aware of the ample opportunities for Engineers in Astronomy?
Do you wish to pursue your career in these directions?
Then be present to hear!!!

“Stories on Innovative Astronomy for Engineering Students”

By
Nitesh V. Pandey
Researcher, Indian Astrobiology Research Centre (IARC).

Date: 1st February 2018, Thursday
Time: 10.45 am to 11.45 am
Venue: N. J. Seminar Hall, SCET



We are glad to inform you that M.C.A Department had organized an Expert Talk on “*Stories on Innovative Astronomy for Engg. Students*” on **1st February 2018**, Thursday from 10.45 AM to 11.45 AM. The main aim of the talk was to throw light on various innovative aspects related to engineering domains.

Speaker: Mr. Nitesh V. Pandey

Designation: Researcher at Indian Astrobiology Research Centre (IARC),
Mumbai

Date & Time: 1st February 2018, 10.45 AM to 11.45 AM

Venue: N.J. Seminar Hall, SCET

Targeted Audience: Students and Faculty Members from the Institute

Coordinated By: Prof. Alpa Shah

Participants: 150+ Students and 15+ Faculties from the Institute

The session started with introduction of Mr Nitesh Pandey by Prof. Alpa Shah.

Mr Nitesh talked about various innovative work done by students across the world. He described about his own achievement of receiving **Chemist Award by Pacifichem 2015**, Selected as intern at **Nasa Lunar Exploration**, and many more in his crown. He emphasized that *Solving Problems through Innovative Approach* is most fundamental skill every engineer should learn. He laid a strong foundation with examples that how cross domains when mixed, foster innovations. He presented ideas like Biomimicry. He described about young scientists, who with their innovative ideas and approach served humanity, like:

- Sumit Dagar
- Myshkin Ingawale
- Aniruddha Sharma
- Kunal Shah
- Deepak Ravindran &
- Rifath Sharook
- Kenneth Shinozuka
- Pranav Sivakumar
- ...

Mr Nitesh also highlighted about **RIO + IDRC INDIA Program (<http://un.iarc.res.in/program/rio/>)**. The course is on **Art of Innovation** with the theme **War and Peace** this year. It is one of the India’s most prestigious certification course in coordination with **Indian Astrobiology Research Center** and **United Nations**.

Benefits for College & University Students *Get rewarded with Certificates with official logos of IDRC, IDPAD and ICUN*

Boost Job Prospects *Improve CV by scoring good grades in the most prestigious UN initiatives related program Expand your knowledge by learning from content created by national and international scholars*

Get decorated with Medallions *Special edition Medallions will be awarded to one winner per college*

Win Prestigious National Recognition *in the National Hall of Fame (24 national level winners)*

We would like to mention here that 20+ students from Department have taken up the RIO+ Certification Course. We humbly request Heads of Department to encourage students and faculties to enroll for the course. Prof Alpa Shah is the Institute Coordinator and can be contacted for the same.

We express our sincere thanks to **Prof. Gayatri Kapadia, Head, M.C.A. Department** for providing opportunity for such activities at our Department. We would like to thank **Principal, Dr. Vaishali Mungurwadi** for her relentless support for facilitating such activities at M.C.A. Department. We, also like to thank **Mr. Bhaskar Cheruku, Registrar** for his motivation to conduct such activities for the Institute.

A few glimpses are attached here...



BIOMIMICRY

Can Termites help to save \$3 Million? Well it seems so.

Two images illustrating biomimicry: a termite mound on the left and a modern building with a lattice structure on the right. The termite mound is a tall, conical structure made of earth and mud. The building is a multi-story structure with a complex, lattice-like facade that mimics the structure of a termite mound.