

A Brief Report of Industry Institute Interaction at the Department of Electronics & Telecommunication Engineering, Jadavpur University.

Title of the Lecture - Department of Atomic Energy: A Repository of Viable Technologies

Date, Time & Venue: 9th December 2022, Friday, 4.30-7.30 pm, Venue: T-3-7

Name of the Resource Person: Dr. Tapas Samanta

Brief resume of Dr. Samanta: Dr. Tapas Samanta, Senior Scientific Officer of VECC/DAE, Chairman of the Public Awareness Cell of Variable Energy Cyclotron Centre, VECC and Head of the Computer Division, VECC. He has worked in Nuclear Fuel Complex, Hyderabad and then joined VECC. He has worked in various National and International Collaborations like, LHC Computing Grid at CERN, Geneva, EU-India Grid etc. He has setup the ALICE Tier-2 Centre at Kolkata. He has worked with CERN collaboration over almost a decade. He has developed expertise in Automation & Control, Computer Networking, High Performance Computing, Computing Grid and precision hardware electronics.

Summary of the talk: Dr. Samanta presented the insight of Repository of Viable Technologies with his various agenda items like: Harnessing the power of Atom requires know-how of Basic Science, Material Science, Process, Electronics, Computation, Remote handling & Robotics technology. DAE has multiple R&D units all over India where groups are dedicated to achieve excellence in each of these areas. Innovation and Improvement are the continuous processes in DAE. Years of such sustained efforts of the best scientists and engineers from every discipline of science & technology working together have yielded the solution to grab the power of Atom. In the process, DAE has developed many spin-off technologies in almost all the discipline. They are Multidisciplinary in Nature, involve Lots of Technological Challenges, overcome Embargos & Impositions and build Self Reliance with Indigenous efforts, In-house Expertize over Multiple Technologies. These new technologies are commercially viable for production as well as for launching new startups. To extend the benefits of these cutting edge technologies to the society and public as a part of Make-in-India initiative, DAE has set up five incubation centers across India. These centers will incubate new technologies for commercialization as well as transfer the already developed technologies to private domestic entrepreneurs for commercial production.

Each of these five incubation centers targets at twenty five annual transfers of technologies and launching startups. This presentation will broadly cover these technologies as well as the procedures to have them for commercial production. Department of Atomic Energy opens up opportunities to your engineering graduates and Science post graduates as well through its various induction programs. The scopes, opportunities, challenges of these programs are very attractive as well as competitive.

Attendance Sheet:

Lecture - 6 Date: 09/12/22		Attendance Record 3rd year Induction Program E.T.C.E	
Sl. No.	NAME	Roll. No.	Signature
1	Mohammad Hatif Durrani	002210701087	Mohammad Hatif Durrani
2)	SARIL AKHTAR SARDAR	002210701121	SARIL AKHTAR SARDAR
3	Abdul Rehman Siddique	002210701016	Abdul Rehman Siddique
4	ARYA PANDIT	002210701071	ARYA PANDIT
5	SHIKSHENDU NANDAL	002210701110	SHIKSHENDU NANDAL
6.	Abhijit Ghosh	002210701109	Abhijit Ghosh
7	Subhanil Ghoshal	002210701122	Subhanil Ghoshal
8	NILADRI SEKHAR MANDAL	002210701121	NILADRI SEKHAR MANDAL
9.	ARKAPRABHA TAL	002210701106	ARKAPRABHA TAL
10.	Jaydeep Saha	002210701128	Jaydeep Saha
11.	RIVUPROVO DE	002210701125	RIVUPROVO DE
12.	SREETAN BOSE	002210701096	SREETAN BOSE
13.	JAYDEEP SINGH	002210701009	JAYDEEP SINGH
14.	SHRAVAN PATHANIA	002210701010	SHRAVAN PATHANIA
15	Sahil Ahmed	002210701021	Sahil Ahmed
16.	NATYAN KUMAR MAHATA	002210701019	NATYAN KUMAR MAHATA
17)	Ishandeep Sanyal	002210701120	Ishandeep Sanyal
18)	Agnish Saha	002210701108	Agnish Saha

Banner:

WELCOME!



JADAVPUR UNIVERSITY

*Talk
On
“Department of Atomic
Energy: A Repository of
Viable Technologies”*

Organized by
Induction Program Committee, Department of Electronics &
Tele-communication Engineering, Jadavpur University in
Association with IIC (Institution Innovation Council),
Jadavpur University

Date & Time:
9th December, 2022
Time: 4.30 P.M.

Venue:
Room T-3-7
Prayukti Bhawan (2nd Floor)
Jadavpur University

GUEST SPEAKER

Dr. Tapas Samanta
Senior Scientific Officer
Public Awareness Cell
VECC, Govt. of India



CONVENER

Professor Sheli Sinha Chaudhuri, Dept. of ETCE, JU
Contact:- Email: sheli.sinha@jadavpuruniversity.in

Picture of the event:

