Report on Career Counseling Programs during 2015-2016

There is a necessity of proper guidance, training and career counseling to help the students deal effectively with the normal developmental tasks and face real scenario confidently. The Institute aims at providing not only higher education and knowledge but also the positive direction to students by making them quite clear and confident about their capability and thus correctly choosing their future path of career. Hence various career counseling programs, training and other related events are arranged every year. The details are as follows:-

1. Training on Aptitude & Verbal & Non Verbal Reasoning Test

To develop the logical reasoning capability and aptitude solving skills of a student, the Institute conducts rigorous Training on Aptitude and verbal and non-verbal reasoning classes and Mock tests from second year to final year. In the year 2015-2016, the resource person for this program was Mr.Tapas Mukherjee. He is a renowned national level trainer in the field of aptitude training, currently associated with Constellation Training & Placement Services. The duration of the training was 13.08.2015 to 18.12.2015. The total no. of students who attended the training program is 2511 (approx). The schedule of the training sessions was shared to the students incorporating in the class timetable for all these programmes. Some of the glimpses of the classes are given below.

Training on Aptitude & Verbal & Non Verbal Reasoning Test on 03.09.3015

Principal
NARULA INSTITUTE OF TECHNOLOGY
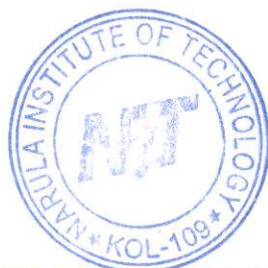81, Nilgunj Road, Agarpara, Kol-109

2. Mock Interview Sessions

Narula Institute of Technology conducts mock interview sessions for all the final year students. The objective is to gain the knowledge of different techniques for appearing in the interview. The resource person for this programme is Ms. Leena Sarkar, Dept. of BS & HU, Narula Institute of Technology and Mr. R.R Rajguru, GM Training, JIS Group of Educational Initiatives. Around 2019 students participated in this Training programme. The program started on 21.08.2015 and ended on 19.12.2015. This PI training was conducted once in a month throughout the whole semester for final year students. The schedule of the training classes was shared to the students incorporating it in the class timetable. Some of the glimpses of the classes are given below.
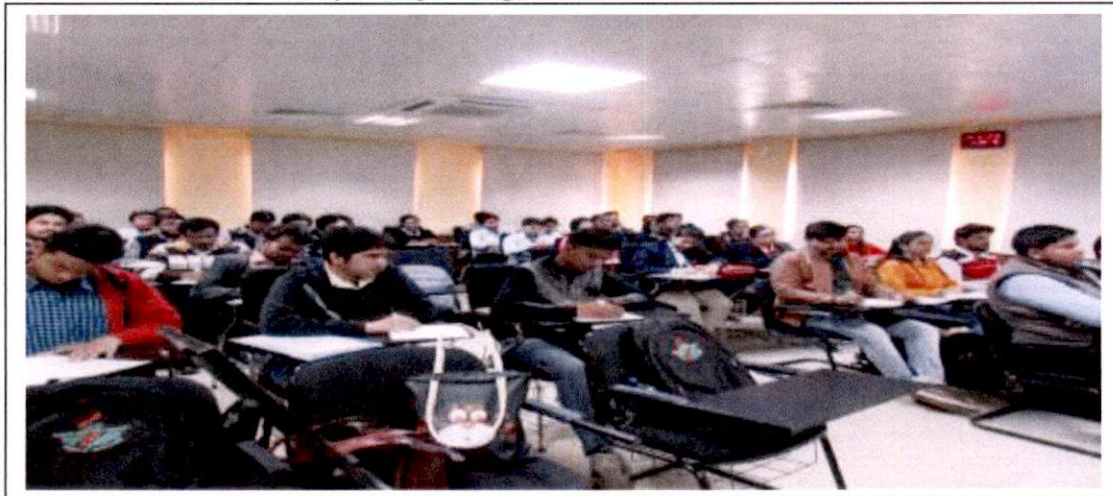

Mock Interview Sessions on 04.09.2015

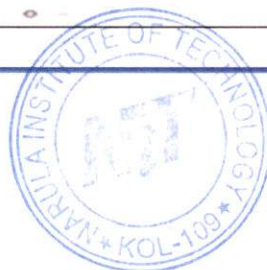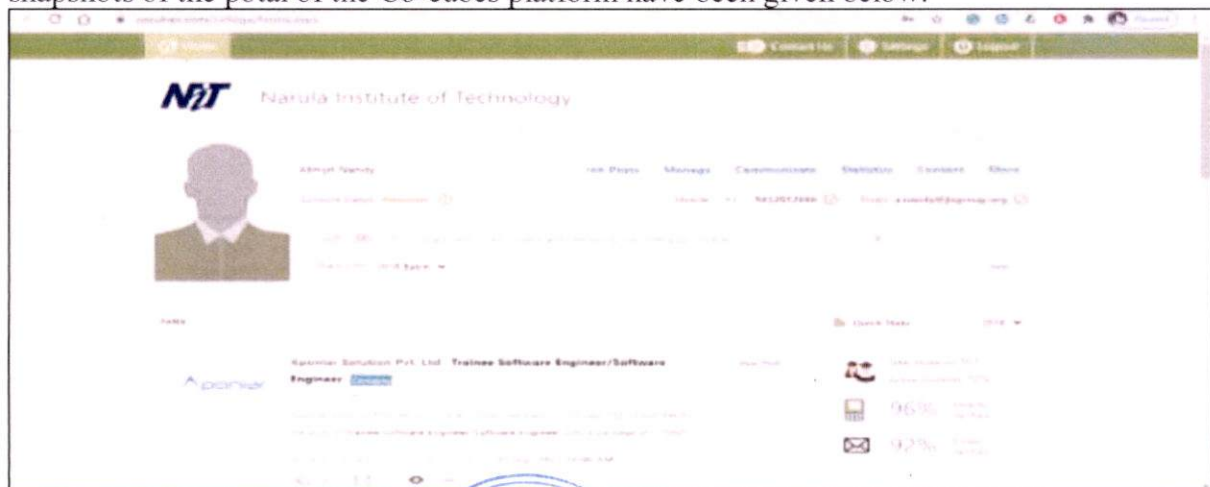### 3. Mock Test Sessions on Aptitude Training & Verbal & Non Verbal Reasoning

To enhance the technical competence of the students, the institute organizes different mock test sessions for all final year students. The programme commenced from 22.08.2015 and ended on 16.12.2015. Identity Training services Pvt. Ltd was in charge of this event. The total no. of students who attended this program was approximately 2173. The schedule of the training classes was shared to the students earlier by incorporating it in their usual class timetable.

Mock Test Sessions on Aptitude Training & Verbal & Non Verbal Reasoning on 30.11.2015

4. Mock Test Packages of various Companies for practice before placement drive

The institute offers the technical training from second year to final year students. Prior to the placement drive, the students appear for the mock test sessions through different test packages. Narula institute of technology has collaborated with external vendor like Co-cubes. The cocubes platform offers the mock test packages of various companies for practice of the students. The tests packages have been offered before the placement drive. The snapshots of the potal of the Co-cubes platform have been given below:

Test package drive in CoCubes platform

5. Pre placement Talks

To create the awareness about different companies among students pre placement talks were organized by Narula Institute of Technology . A number of renowned companies like TCS, IBM, Hexaware, CTS, Persistant, Genpact, Wipro, Simplex Infrastructure visited our college in the year of 2015-2016. These talks were organized centrally by the Training and Placement cell of the institute. The trainers of these events were the concerned resource persons of the companies.

Pre Placement Talk of TCS on 11.10.2015

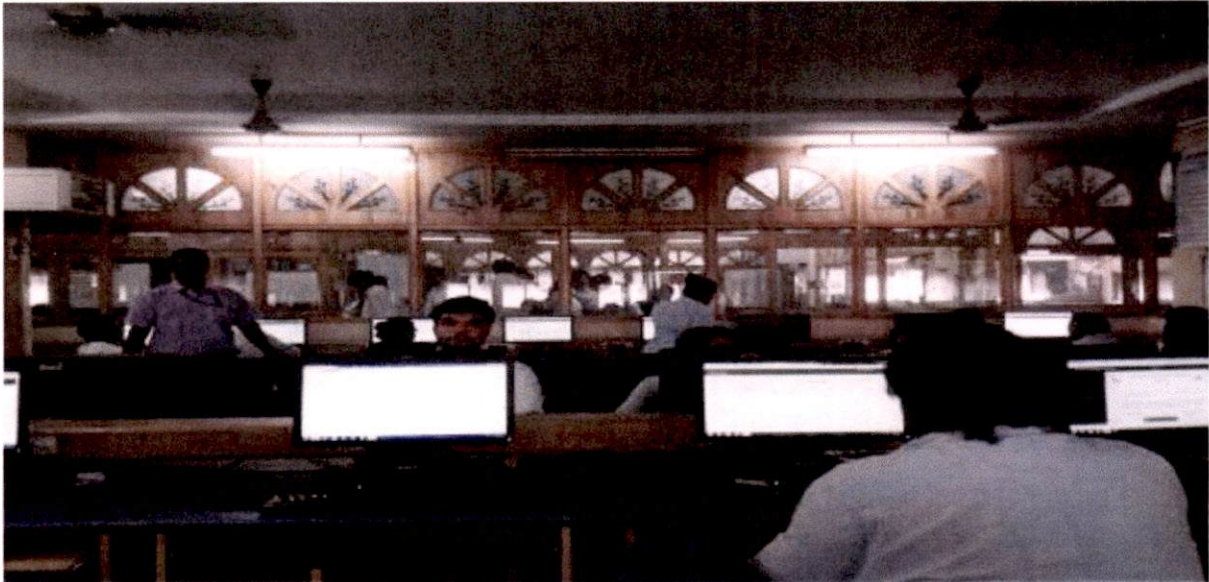## 6. Problem solving Based on Machine Learning and Data Science

To strengthen the knowledge in emerging technologies a seminar was organized by Narula Institute of Technology . Machine learning allows the user to feed a computer algorithm an immense amount of data and have the computer analyze and make data-driven recommendations and decisions based on only the input data. The date of the program was 21.06.2015. The resource person was Ms. Chandrima Chakraborty, Dept. of CSE, Narula Institute of Technology and the total strength is 364.

Problem solving Based on Machine Learning and Data Science on 21.06.2015

7. Seminar on Application on Problem Solving in JAVA

Nowadays, Java is the basic requirement for the software industry. The topics like Big Data, testing tools, core desktop applications, Web applications, Testing Scripts, Android application development-these are the need of the hour. The students eager to learn the above mentioned topics need to have a core Java background. Keeping this thing in mind, Narula Institute of Technology organized a seminar on 13.09.2015. The session was addressed by Prof. Ms. Shyamapriya Chowdhury, Dept. of IT, Narula Institute of Technology. Total Number of participants was 463.

Seminar on Application on Problem Solving in JAVA on 13.09.2015

8. Symposium on Computer Vision and it's Application in Industry

Computer vision is a field of artificial intelligence (AI) that enables computers and systems to derive meaningful information from digital images, videos and other visual inputs — and take actions or make recommendations based on that information. To motivate students in this field, the institute organized a session on AI on 12.10.2015. The resource person was Prof. Debrupa Pal, Dept. of CA, Narula Institute of Technology. The total strength of this program was 63.

9. What Industry Speaks on ENERGY MANAGEMENT: Panel Discussion

The Energy Management can be broadly defined as the proactive, organized and systematic management of energy use in a building or organization to satisfy both environmental and economic requirements. To enrich students in the above mentioned topic, Narula Institute of Technology organized a panel discussion on Energy Management on 14.11.2015. Prof. Sudhangshu Sarkar, Dept. of EE was the resource person and the total number of attended students was 92.

What Industry Speaks on ENERGY MANAGEMENT: Panel Discussion on 14.11.2015

10. Technical Workshop on Fluid Power Control Systems Developed by Bocsh & Rexroth (German Based Company)

The Fluid power is the use of fluids under pressure to generate, control, and transmit power. To enhance knowledge in this topic the institute had organized a Technical workshop on Fluid Power Control Systems on 17.11.2015. The resource person was Prof. Rajkumar Banerjee, Dept. of CE, Narula Institute of Technology. The total number of participants was 91.

11. Demonstration on Robotic Arm for Industrial Applications

Narula Institute of Technology had organized a seminar on Arm for Industrial Applications on 08.06.2015. The seminar covered some applications of robots include welding, painting, assembly, disassembly, pick and place for printed circuit boards, packaging and labeling, palletizing, product inspection, and testing. The main purpose of arranging this type of seminar is to encourage more students in this field. The resource person was Prof. Anukul Maity, Dept. of CSE, Narula Institute of Technology.
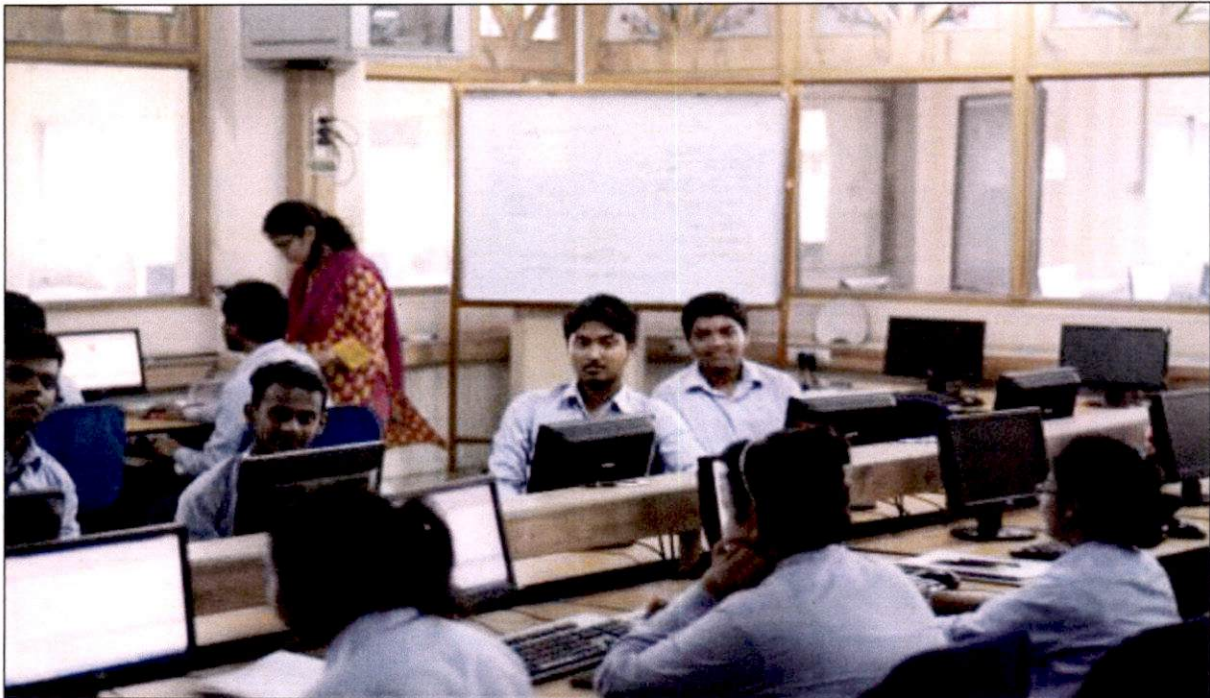

Demonstration on Robotic Arm for Industrial Applications on 08.06.2015

Report on Training for Competitive Examinations during 2015-2016

The training programs for competitive examination aims at motivating the students to participate in various competitive examination (GATE, GRE etc.) as well as preparing the students to face the challenges of the competitive examinations. It also helps creating awareness about different types of competitive examinations available for the students. This type of examination oriented training lays a solid foundation for preparation of such examination. The students develop insightful understanding of these examinations and can prepare themselves into a potential career avenue.

1. Training class for competitive exam GATE

To acquire the skill set of solving different problem for GATE(Graduate Aptitude Test for Engineers), Narula Institute of Technology has organized training classes for all the final and pre final year students of all departments throughout the whole semester(August to December). The faculties from different department used to conduct this training classes.
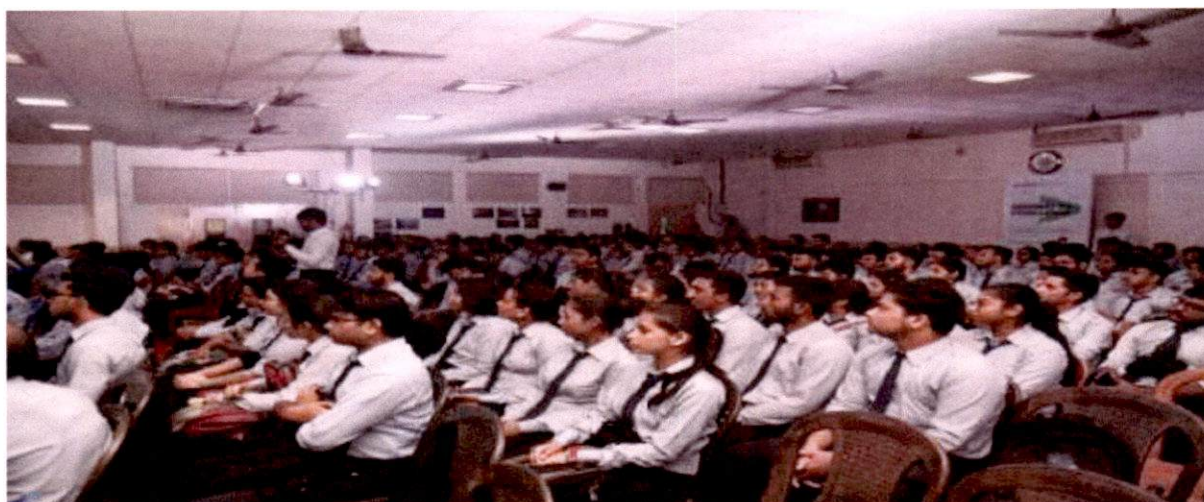

Training class for competitive exam GATE on 18.09.2015

2.. Training class for competitive exam GRE

The GRE test is one of the most widely accepted post-graduate entrance examination, particularly in the United States and English-speaking countries such as Canada and Australia. The institute has organized training classes of GRE for all the final and pre final year students of all departments on 22.11.2015. The resource person was Ms. Rajasi Ray, Dept of BS & HU, Narula Institute of Technology.

Training class for competitive exam GRE on 22.11.2015

3. Training class for competitive exam UPSC/IES

To excel in any Govt. examination or in any administrative jobs, the Institute has organized training classes for the preparation of UPSC/IES, for all the final and pre final year students of all departments on 19.03.2016. The session was addressed by Prof. Sandhya Pattanayak, Dept. of ECE, Narula Institute of Technology. The attendance was 18.

4. Training class for competitive exam IELTS

The IELTS Academic test is suitable for those aspiring to study in an English-speaking environment or university (higher education). The Institute has organized training classes for the preparation of IELTS for all the final and pre final year students of all departments on 03.02.2016 with 11 students. Prof. Sharmistha Basu, Asst.Professor, English, Narula Institute of Technology facilitated the students.

Training class for competitive exam IELTS on 03.02.2016

Principal
NARULA INSTITUTE OF TECHNOLOGY
81, Nilgunj Road, Agarpara, Kol-109