Report on Career Counseling Programs during 2017-2018

With a right to the best education available, and a wide range of jobs open to them, the students of the Institute need relevant and mature assistance in making the judicious occupational choice. This requirement of adequate guidance and counselling is dealt with much importance in this Institute. Hence every year many training classes and programmes are arranged for career counselling. The details of such programmes in this year 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 2017-2018, the resource person for this program was Mr.Tapas Mukherjee. He is a renowned national level trainer, currently associated with Constellation Training & Placement Services. The duration of the training was 04.08.2017 to 05.12.2017. The total no. of students attended the training program are 2553 (approx). The schedule of the training sessions was shared to the students incorporating in the class timetable for all the programs. Some of the glimpses of the training sessions are given below:

Training on Aptitude & Verbal & Non Verbal Reasoning Test 05.11.2017

2. **Mock Interview Sessions**

Narula Institute of Technology conducts mock interview sessions for all the final year students. The objective is to adopt the different protocols for interview preparation. The resource person for this program is Dr. Leena Sarkar, Dept. of BS & HU, Narula Institute of Technology and Mr. R.R Rajguru,GM Training,JIS Group of Educational Initiatives. The student participation of this programme was about 2329. The program started on 09.08.2017 and ended on 11.12.2017. This Interview training was conducted once in a month throughout the whole semester for final year
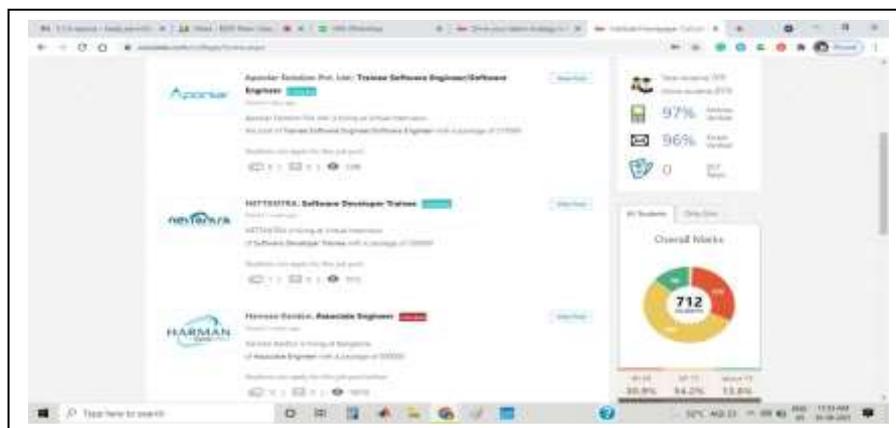
students. The schedule of the training classes was shared to the students and the sessions were inserted in the class timetable for all the programs.

Mock Interview Sessions on 21.11.2017

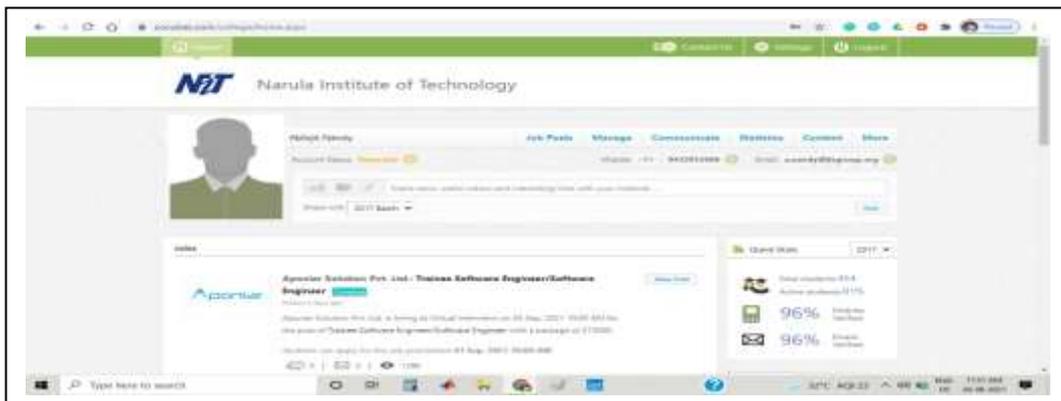3. **Mock Test Sessions on Aptitude Training & Verbal & Non Verbal Reasoning**

To amplify the technical ability of students, the institute organizes different mock test sessions for all final year students. The programme commenced on 22.08.2017 and ended on 21.12.2017. Identity Training services Pvt. Ltd was in charge of this programme. The total no. of student attended this program was approximately 1917. The sessions proved to be quite useful to the job aspirants .

Mock Test Sessions on Aptitude Training & Verbal & Non Verbal Reasoning on 22.08.2017

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 via different test packages. The institute has associated with the external vendor Co-cubes for imparting this training.. The platform of co-cubes offered 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 portal of the Co-cubes platform has been given below:

Cocubes platform Mock Test Packages of various Companies for practice

5. **Pre placement Talks**

  To make the students understand about the different aspects of the companies among students,the pre placement talks were organized by the Institute. A number of renowned companies like TCS, IBM, Hexaware, CTS, Persistant, Genpact, Wipro, Simplex Infrastructure, Cyber SWIFT, JUSPAY, Johnson Controls (India) Pvt. Ltd,Asa Bhanu Group,Capgemini,DBS,Zensar Technologies,Just Dial,Adobe Systems India Pvt. Ltd, TCG Digital, ITC Infotech,DirectI,Prolifics Corporation Ltd,Franciscan Solutions Pvt. Ltd,Pinnacle Infotech Solutions,Poornam Infovision Pvt. Ltd,IBS Software Services (P) Ltd conducted a series of Pre-placement talks in the year of 2017-2018. These talks were organized centrally by the Training and Placement cell of the institute. The resource persons of these events were the concerned senior employees of the companies.

Pre Placement talk : ITC Infotech on 13.10.2017

6. Seminar for AI and Industrial IoT

To foster the development and understanding of Artificial Intelligence and its applications worldwide the Institute organized a seminar on AI and Industrial IoT on 18.08.2017. The main objective is to promote interdisciplinary exchanges between Artificial Intelligence and other fields of information processing. Around 141 students got benefitted from this event. The speaker was Prof Sujata Kundu, Dept. of IT, Narula Institute of Technology.

Seminar for AI and Industrial IoT on 18.08.2017

7. Seminar for Water Resource Engineering and its Standard Regulations

To impart training to the students to prepare them for conducting high value research on water resources and other related issues the Institute organized a seminar on water resource engineering and its standard regulations. The event aimed to pursue lifelong learning on this topic which is very necessary in practical life, to equip the students with capabilities required for identifying, formulating and managing water resource related issues/problems. The date of the program was 22.09.2017. Total participants of this programme was 97. The name of the speaker was Mr. Arghya Mukherjee, Dept. of ME, Narula Institute of Technology.

Seminar for Water Resource Engineering and its Standard Regulations on 22.009.2017

8. **Problem solving Based on Machine Learning and Data Science**

To introduce students to the basic concepts and techniques of Machine Learning and to develop skills of using recent machine learning software for solving practical problems THE Institute organized a seminar on 09.11.2017. Around 129 students facilitated from this session. Prof. Ashifuddin Mondal, Dept. of CSE, Narula Institute of Technology was the resource person. The prime objective of the program was to gain experience of pursuing independent study and research.

Problem solving Based on Machine Learning and Data Science on 09.11.2017

9. How to do a Start up Venture?

Students sometime got confused in choosing their future after engineering. To guide them properly the Institute organized a seminar highlighting the opportunities of **Start up Venture** on 18.09.2017 with 339 students. The session was addressed by Prof.. Soumya Bhattacharya, Dept. of IT, Narula Institute of technology.

How to do a Start up Venture? On 18.09.2017

10. Career Counseling Talk on Software Engineer Info Session

Narula Institute of Technology organized a Career Counseling Talk on Software Engineering Info Session on 24.11.2017. The students obtained knowledge regarding their IT career in future after attending this session. The speaker of the program was Prof.. Tamasree Biswas, IT Dept. Narula Institute of Technology. The total student strength was 243.

Career Counseling Talk on Software Engineer Info Session on 24.11.2017

11. Career Counseling on Power Sector (Solar Power Energy)

Nowadays, power sector is a very useful field in practical scenario. To upgrade students' knowledge in this field the Institute organized a Career Counseling on Power Sector (Solar Power Energy) on 26.05.2017 with 98 students. The speaker of the program was Prof. Arkendu Mitra, EE Dept. Narula Institute of Technology.

Career Counseling on Power Sector (Solar Power Energy) on 26.05.2017

12. Seminar on Future of IT Industry

Narula Institute of Technology organized a seminar on Future of IT in India to guide students in choosing different career in IT sector on 27.03.2018. 98 students had attended the programme. The resource person of the program was Prof.. Anirban Bhar, IT Dept. Narula Institute of Technology.

Seminar on Future of IT Industry on 27.03.2018

13. **Career Counseling on Industrial Applications on Big Data Science**

To be able to choose the right domain on which student can emphasize for career development Narula Institute of Technology organized a seminar on 11.07.2017. Total number of participant was 75. The name of the facilitator was Prof. Subhasree Bhattacharya, Dept. of CA, Narula Institute of Technology.

Career Counseling on In... ...a Science on 11.07.2017

14. **Workshop on Python Pr...**

To learn how to design and ... ...rula Institute of Technology organized a Workshop on ... ...2018. The total number of participants was 88. The m... ...w to use lists, tuples, and dictionaries in Python progra... ...session was Prof. Koushik Karmakar, Dept. of CSE, Nar...

Report on Training for Competitive Examinations during 2017-2018

The career counselling programs aims at providing assistance to the students in choosing a major career path. Competitive exams will enhance the skill of understanding the application of concepts, which is required in a broader context when we appear for exams like GATE, GRE, IELTS, UPSC and many others. Students are able to clearly understand the career exploration process and how their own skills and interest match up to a chosen career path. The details of such programs, arranged in this year, are as follows.

1. **Training class for competitive exam GATE**

The institute arranges training classes for facilitating the preparation for competitive examination. On 21.08.2017, training class has been arranged for GATE examination. Mr. Pranab Hazra conducted the class which helped the students acquire the skill set of solving different problems for GATE . Total number of students attending the class was 43.

Training class for competitive exam GATE on 30.09.2017

2. **Training class for competitive exam GRE**

A training class has been conducted to help the students understanding the tricks of the preparation for competitive examination GRE on 22.09.2017. The instructor, Ms. Rajashi Ray, also enlightened the students with the knowledge about the detailed structure of the question and the preparation to solve. The number of students attending the class was 29.

Training class for competitive exam GRE on 22.09.2017

3. **Training class for competitive exam UPSC/IES**

A training class has been arranged on 13.02.2017 for facilitating the preparation of the students for competitive examinations like UPSC/IES. This venture aims at providing adequate knowledge for getting success in examination like UPSC/IES as they have a typical structure and question type. The instructor, Mr. Soumya Bhattacharya, has explained the structure and types of the question and the method for solving the problems. 31 students attended the class.

Training class for competitive exam UPSC/IES on 13.02.2017

4. **Training class for competitive exam IELTS**

The IELTS Academic test is suitable for those wanting to study in an English-speaking environment or university (higher education). Narula Institute of Technology has organized training classes for the preparation of IELTS for all the final and pre final year students of all departments on 19.04.2018 with 19 students, resource person was Ms. Sarmistha Basu , dept of BS & HU, Narula Institute of Technology.

Training class for competitive exam IELTS on 19.04.2018