

IT STREAM
Student Talent Enhancement Programme (STEP '17)

07.01.2017

REPORT

Session 1

The STEP 2017 for the II year IT stream students was conducted on 07.01.2017 to enlarge their potential skills, to understand what is happening in the industry, expectations from the industry. It also provides a path to shine themselves for their internship, placement.

The experts from various industries are invited for the programme delivery. Dr.A.Rathinavelu, Vice Principal, MCET welcomed the Industry experts for the programme.

The Chief Guest of the STEP is:

Name of the chief guest	Designation	Name of the Industry
Mr.Krishna Ramachandran	Principal Education & Research	Infosys Pvt. Ltd., Chennai
Mr.Balaji Venkatraman	Solution Architect	Datacede, Chennai
Mr.Hariharasudan Ramakrishnan	Customer Experience Solutions Sales Specialist at Servion Global Solutions	Servion Global Solutions, Chennai
Mr.D.K.Jagan Mohan	Operation Head	N-Dot Technologies , Coimbatore

He also welcomed Head of the Departments, Faculty and Students of IT stream for the function. He shared few points on importance of STEP & he asked the students to be more interactive. The sessions are continued with,

1) Mr.Krishna Ramachandran, Principal Education & Research, Infosys Pvt. Ltd., Chennai, started his talk by appreciating MCET for the continuous industry tie up to give additional input to the students in lieu of minimizing the gap between academia and industry. He shared the basic necessity from the students to become an IT profession as,

- Continuous effort in improving knowledge
- Involvement in completing tasks
- Teamwork
- Quick learners
- Attitude in situation
- Adapt to culture

Learnability and innovating new things with automation is always appreciable by the people. He concluded his speech by saying quotes of Steve jobs, Founder-Apple “Stay Hungry & Stay Foolish”.

2) Mr.Harihara Sudan, Customer Experience Solutions, Sales Specialist at Servion Global Solutions, Chennai shared points that; there is a pool of opportunities’ available in the IT industries. From that, every individual has to pick the one and groom on the specific domain. He also stated about,

- Roles in IT industry
- Identify own strength and weakness
- Procrastinating the works
- Importance of self-learning

He asked the students to improve their leadership skills by doing group activities such as projects, presentation etc., It helps them to improve their knowledge, communication, teamwork and leadership quality as well. He concluded his speech by saying story of Sundar Pitchai, CEO, Google on Cockroach “Respond to the situation; don’t react to it”. It is noted that, responding for the situation gives a best and quicker solution for the problem. Meanwhile take ownership of the work to complete it.

3) Mr.Jagan Mohan, Operation Head, N-Dot Technologies Coimbatore initiated his session with “Effort makes human success in life”. Every individual has to put effort to achieve the task assigned before the stipulated time. He informed about the placement interview process such as Aptitude, Group discussion, Technical and Personal Interview. He insisted that, the individual has to update themselves with the current scenario. The placement process may change in the forthcoming days depends on the demand from the industry. Every individual has to update themselves in all dimensions.

He shared about the teamwork requirement during project implementation in the IT industry. He said that, the individual should have a confident in attaining things. It is also noted that, the students should solve more number of problems and improve their leadership skills. It will help them to work in a group. The concepts should be applied in a practical way to improve their practical knowledge.

He concluded that, presence of mind is always more essential key to achieve things in an effective way.

4) Balaji Venkatramanan, Solution Architect, Datacede, Chennai presented about the technologies used in an IT industry based on the domains such as Web development, Mobile development, Service Development and Databases. He added that, Industry roadmap from academia to industry such as Technology expectations, Internet of Things (IoT), Certifications & Academic Projects. He added that, the solutions for the problem could be done in practical manner depend on the domain selection. It will help the students to learn solutions in a practical manner.

Dr.S.Ramakrishnan, HoD-IT thanked all the industry experts for the speech by giving valuable points. He summarized the experts’ speech includes,

1. Equipping individuality
2. Adapt to the culture
3. Teamwork
4. Problem solving
5. Academic Projects
6. Continuous learning

He also shared the importance on following the information’s shared by the industry experts. Followed with the Questionnaire session commences. HOD-IT asked the students to clarify their doubts in shining themselves as with industry expectations.

Questionnaire Session:

1) Does Python is mandatory language in an IT Industry?

If the company is currently working with a project using python then of course it is mandatory. Even, learning python is good to understand some other related languages.

2) There are new programming languages coming up often, then what is the scope of Older/existing programming languages?

Older programming languages are the platform to create and learn new programming language. Hence depends on the need of the project individual has to unlearn and learn new things.

3) Does cloud environment is secure?

Yes, but it depends on the services provided by the different vendors.

4) What are the most important languages required to do projects in IoT?

Be familiar with cloud environment is the important factor to do projects in IoT. The language can be anything, which should be readable by the sensors.

5) Will IT industries recruit certified hackers & what is the scope of it?

Yes, only if the certification is received from the well qualified forums. People think if you are certified hacker, individual know the loopholes to hack it. Hence she/he knows to develop a project without those loopholes.

6) Why there is a frequent layout in IT Industry?

It may be because of demand in the company or individual person.

7) What type of training will be given during training period for fresher?

It is in accordance with type of company. Basically it focuses on technologies used in the current projects, communication.

8) Can you suggest some value added courses that is required for the fresher while attending placement?

It is not a limited. The individual has to think / fix a domain to strengthen themselves. From that the certification can be done. It will help them while attending placements & doing projects as well.

9) Can you classify the work culture of service based and product based company?

The type of projects may vary. The method of implementing the projects in service based company is to solve the problem with respect to outsourcing. That is, product based firms often lend out one of their functionalities that can be served by the service based ones.

10) What is the scope in projects in the area of game development?

Gaming is one of the interesting area where everyone have an interest on it. Meanwhile it is one of the emerging area nowadays. If the concept is new and innovative it is appreciable to a project

11) Does Company ask code or ideas during interview process?

Logical thinking ability is the most important factor to solve or in innovating ideas. If it's available developing code is easier to the individual.

All the students can practice on solving problems day by day by using various programming factors.

12) How to equip myself, if I want to be an oracle employee?

Basically he/she should be good enough in Java programming, analytical skills, Web server and Web logic concepts.

13) What is SAP actually?

SAP is an Enterprise Resource Planning (ERP) system application, comprised of Finance, Logistics and Human Resources.

14) How to introduce neurology in Robotics?

There are algorithms available and its grooming with the help of neurology mechanisms. It introduces automation through robots.

15) On what basis project allocation is done in IT Company?

It is normally based the project requirement. If the candidate is giving spectacular performance during training then additional inputs can be provided while allocating the projects

Vote of Thanks

Dr.G.Anupriya, HoD-CSE thanked industry experts for their presence, speech and interaction with the students, clarifying their doubts related to IT industry. She also thanked all the faculty members, supporting staffs and students for their active participation in the programme.

Session 2:

Alumni Interaction:

Post lunch alumni interaction with Mr.Harihara Sudan, Customer Experience Solutions, and Sales Specialist at Servion Global Solutions, Chennai was done. He shared about general expectations from the fresher while entering into the company and different online forums that is available to learn things by own. He also informed the students to identify the domain where they are really interested and focus on it to strengthen the skillset. The students were interacted with the alumni. They have clarified their doubts about IT industry.

Mr.A.S.Muthanatha Murugavel, AP (SG)/IT thanked Mr.Harihara Sudan, Alumni, MCET who spent a good time with the students in clarifying their doubts related to IT industry like Getting jobs in product/ service based company, Skillsets needed from the fresher's, Importance of problem solving skills & Logical ability, Certifications etc.. He thanked the management and admin team for their continuous support in conducting programme in an effective way. He also thanked faculty members and students of IT stream for their support to accomplish the programme.

Budget Details:

S. No	Bill No& Date	Name of the supplier	Purpose	Amount
1.	1026 & 31.12.16	NIA Book Depot	Guest TA-Mr.Krishnamachandran, Infosys, Chennai.	8534.00
2	1023 & 30.12.16	NIA Book Depot	Guest TA-Mr.Balaji Venkatraman, Data Cede, Chennai.	7872.00
3	1025 & 31.12.16	NIA Book Depot	Guest TA-Mr.R.Hariharasudhan, Servion Global Solutions, Chennai.	2026.00
4	4171&10.1.17	Kumar Tourist	Guest TA- From Airport to Pollachi and back	2573.00
5	675&11.1.17	Nature Flowers	Boquets – 4Nos	400.00
6	4593&09.1.17	NIA printing Division	Printing Agenda, etc	161.00
7	404&12.1.17	Aalayam Studio	Photos	452.00
8	1065&11.1.17	MCET-NPTC Hostal	Lunch- Guest	1170.00
9	1348&09.1.17	Aalayam Cafe	Refreshment	685.00
10	1350&09.1.17	Aalayam Cafe	Refreshment	125.00
11	1356&09.1.17	Aalayam Cafe	Refreshment	50.00
12	1092&09.1.17	NIA Book Depot	Stationery & Memento for Guest	8472.00
Total				32520.00

PHOTOS:

Student Talent Enhancement Programme (STEP) for Second Year IT Stream Students – 07.01.2017:

