Dr.Mahalingam College of Engineering and Technology, Pollachi-3

IT STREAM

Date: 18.04.2016

Student Talent Enhancement Programme Unleashing Potential (STEP UP'16)

16.04.2016

REPORT

Session 1- Inauguration

The objective of STEP UP 2016 is to enlarge the students' potential skills, to know the latest updates that are happening in the IT industry and to identify the gaps between industry and academia.

The inauguration session started with prayer song. This was followed by welcome address by our beloved **Secretary Prof. C.Ramaswamy**.

The Chief Guests for the inauguration function:

Name of the chief guest	Designation	Name of the Industry
Mr.M.Sivakumar	CEO	ICTACT
Dr.V.Kovaichelvan	Senior Vice President HR	TVS motors
Mr.Sadagopan Madhavan	CEO	CTS Foundation

1) **Mr.M.Sivakumar** stressed on the 3 key points that youngsters should have,
   - Decision making
   - Truthfulness
   - Perfection

   Secretary, MCET received the privileged associate membership on behalf of the management from **Mr.M.Sivakumar,CEO,ICTACT.**
2) **Dr.V.Kovaichelvan** shared the points that are relevant to employability and how to survive in Industry. He stressed that, the students should do more things by taking initiative and introduce creativity.
3) **Mr.Sadagopan Madhavan** pointed out the level of expectations from IT industry, In-depth knowledge on the specific domain, Ability to learn new things and the attitude towards the task. He concluded that, attitude makes the human successful.

Dr.M.Ramakrishnan, Principal, MCET thanked all the members who involved in the function to make it successful. The students were divided into IT, CIRCUIT and CORE Stream.

The Pre -Final year CSE students were categorized based on their interest such as:

Category	Students Strength (CSE)
Employment	100
Higher Studies and Competitive Exams	19
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Session 2

1. Employment:

Chief Guest Details:

Name of the chief guest	Designation	Name of the Industry
Dr.D.J.E. Ravithilagan	Head HR	FSS Ltd, Chennai
Mr.Gokul Visweswaran	Founder	NFN Labs, Chennai
Mr.Murthy Duvvuri	VP-Projects	Payoda Technologies, Coimbatore

FN:

Dr.A.Rathinavelu, Vice principal, MCET initiated the session by giving introductory remarks.

Dr.S.Ramakrishnan, HOD-IT welcomed Dr.D.J.E.Ravithilagan, Head HR, FSS Ltd, Chennai.

Dr.D.J.E.Ravithilagan shared about,
- Pool of Opportunities in IT Industry for the youngsters of this generation. It is noted that, the opportunities' are huge and open wherein the individual has to select the best option and travel towards the goal.
- Focus is the most important key characteristic in completing the task. It gives more involvement in the project. It shapes an individual career.
- Continuous practice in any specific domain leads to great heights. He pointed that; the students can identify any one area and learn all the basic concepts. He concluded with "Practice with hard work never fails".

    Dr.G.Anupriya, HODi/c - CSE(UG) introduced Mr.Gokul Visweswaran, Founder, NFN Labs,Chennai. He pointed out the reason behind recruiting students from a college. The fresher's always have fresh minds to solve the problems differently. Also, adaptability is higher the college students. He added that, the youngsters are always bright in problem solving. He asked the students to refer several books and websites and develop their problem solving skills.

AN:

Mr.Muthusami, HOD i/c -MCA, introduced Mr.Murthy Duvvuri, VP-Projects, Payoda Technologies, Coimbatore. **Mr.Murthy Duvvuri** stressed the important skills required to sustain in an IT company. They are:

- Communication
- Confidence
- Interest towards the work
- Ability to learn new technologies

He shared that communication is important for the IT people since the project is always linked with some other countries like US, Japan, etc. In the current world, day by day new technologies are emerging. The students should have a continuous interest in learning new concepts. It can be extended to the execution level only when the person is strong in problem solving.

Interaction Session:

Students clarified their doubts related with industry expectations and needs from the fresh engineers. Some of the questions raised include

1) What are the important skill sets required to attend product based companies?
2) What are the important things to be followed while preparing a Resume?
3) Do Startups offer more experience and strong career growth?
4) The Automobile, Mechanical companies are doing automation using IoT. How can I apply for those companies?
5) Can you classify the work culture of service based and product based company?
6) Will E-resources be provided to the developers? If so then is it necessary to write entire code during the interview process?
7) What is the reason in not receiving call letter from some IT companies?
8) Is there any checkpoint in asking Strength and weakness of a candidate?
9) As a fresher what are the challenges to be faced after getting placed?
10) How the trainee will be assessed during the training period?
11) On what basis project allocation is done in IT Company?
12) How project integration is done from technology to technology and how it is deployed in real time environment?
13) What are the latest programming languages that are used in IT industry to develop projects?
14) Beyond academics, what are the other parameters necessary to enter into a company?
15) Is it needed to get certifications to get promotion or survive in a company?
16) How can one get an onsite opportunity after joining in an industry?
17) Whether internship is a good platform to startup student career as an employee? Will internship experience be considered as an employee experience?

18) On what basis employees are offered higher studies opportunities and how it will be helpful for the industry?

19) How do you encourage your employees to achieve?

Finally vote of thanks for the employment division was given by Ms.Sathya of III B.Tech IT by thanking all the experts for their valuable speech and interaction with the students. She also thanked all the members who involved in the programme to make it a successful one.

2. Higher Studies and Competitive Exams
Chief Guest Details:

Name of the chief guest	Designation	Name of the Industry
Mr.S.Prasanna Krishna	Director	Career Zone
Mr.A.Saravana Kumaran	Director	Gate Forum

FN:

Dr.I.Rajendran, HOD/Mech started the session on Higher Studies and Competitive Exams. He welcomed the chief guests for the programme Mr.S.Prasanna Krishna and Mr.A.Saravana Kumaran.

Mr.S.Prasanna Krishna, Director, Career Zone shared the benefit of doing higher studies in other countries. He shared the detailed analysis on the courses to be selected, where it can be undergone and the scholarship facilities for various courses. He also provided information on the entrance tests available to get into the universities in various countries.

AN:

Mr.A.Saravana Kumaran, Director, Gate Forum, explained how competitive exams will help the individual in their career. He elaborated on various exam options such as
- M.E/ M.Tech
- Government exams- UPSC, TNPSC, Banking etc.

3. Self-Employment and Entrepreneurship

Chief Guest Details:

Name of the chief guest	Designation	Name of the Industry
Dr.Sureshkumar	General Manager	PSG STEP, Coimbatore
Mr.N.Krishnan	Chairman	HVK Systems,Chennai
Mr.RG.Nawin Krishna	Founder	COO MindwizTechno,Coimbatore

FN:

Mr.Swaminathan, Chief Coordinator-CIBIE, MCET, welcomed the chief guests

Dr.Sureshkumar, General Manager, PSG STEP, Coimbatore shared how teamwork plays a key role in achieving things. He explained that, team work should be cultivated in all places so that communication gap will be minimized and interactions with others will get increased. Entrepreneurs' motive should satisfy the stakeholder needs.

AN:

Mr.N.Krishnan, Chairman, HVK Systems opened the talk with how self-confidence can be helpful during problem solving and how it can be increased. He pointed out that, an entrepreneur should have multitasking capacity.

Mr.RG.Nawin Krishna, Founder, COO Mindwiz Techno shared the expectations from the stakeholders and the basic knowledge required to startup the business. He added that, additional business skills can be learnt from the other business persons. In connection with this, Idea Pitching Contest was conducted for the students to spread-out how the self-employment can be initiated through various ideas. From which best 3 ideas were selected and awarded with cash prizes.

Finally interaction session was held wherein the students clarified their doubts with experts.

- What are the pre-requisites needed to start up a company with 10-15 employees?
- How long it will take to become a best entrepreneur in a specific field?
- What are the most important criteria required to manage the problems with customers?
- Does team work play a vital role in attaining a task?

4. Motivation for Arrear students

Chief Guest Details:

Name of the chief guest	Designation	Name of the Industry
Mr.P.Sivakumar	Author, Motivational Speaker	CEO-Mastering minds

Dr.A.Senthilkumar, HOD-EEE welcomed the guest.

Mr.P.Sivakumar pointed out that, the reason behind failure is lack of interest and clarity on the task.The importance of social media for the positive solutions like improving problem solving, creating interest to learn things was encouraged.

To attain a goal the individual should be healthy both physically and mentally. For this the students can take a best role model of their wish and proceed further. A brainstorming session on yoga was conducted. The programme came to a formal closure by thanking everyone who contributed for the programme to make it successful one.

Interaction was followed by Feedback.

Prepared By
T.Kanagasabapathy, AP/CSE

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HOD - CSE