

Second Home

The Induction Programme

For

B. Tech First Year Students, 2018

- A Report



Camellia Institute of Technology

[Approved by AICTE & Affiliated with WBUT]

Digberia, Badu Road, Madhyamgram, Kol 129

INTRODUCTION

Camellia Institute of Technology, affiliated to Maulana Abul Kalam Azad University of Technology, approved by AICTE, believes that, "**Engineering education aims to address the needs of not only industries but also the society**," and hence had organised a mandatory three-week induction programme for First Year B. Tech students for the 2018 - 19 academic session during August 8 to August 24, 2018. The programme was designed following the guidelines provided by Maulana Abul Kalam Azad University of Technology.

The programme was focused in acclimating the students to the institute's environment while engaging them in various activities to look beyond text-books, grades, placements and high-salaried jobs without understanding industry and societal requirements.

The motto of this programme is to make students understood they have to develop strong technological skills, leadership qualities and the ability to come up with innovative solutions to critical problems by the time they complete the course. This programme was also intended to inculcate positive thinking among students with a view to bring down incidents of ragging. In order to give them an overall idea about the industry situation, Industry Visit was also organised.

This is worth mentioned, that, before starting the Orientation Programme, the institute, had arranged a One Week long Bridge Course, on Physics, Chemistry and Mathematics, during August, 1 to August 7, 2018, to recapitulate the subjects and make them prepared to grasp the new subjects easily.

FIRST WEEK

Inauguration: On August 08, 2018, "Second Home" – the Induction Programme was inaugurated by Swami Tattaswaranandaji Maharaj, Principal, Ramakrishna Mission Sikshanamandira, Belur Matha. Mr. Mrinmoy Chatterjee, Technical Advisor, Camellia Group and Mr. Avik Bhattacharyya, Head – Business Development, were present as Guests of Honour. In his valuable speech, Swamiji inspired the students in taking part in social services while studying the subjects in curriculum. He gave emphasis on experiential learning. The students felt very much motivated.



Mr. Chatterjee explained how Camellia Group has also planned to make the journey of the students very smooth and fast. Mr.

Bhattacharyya explained the role of our Training & Placement Cell, Industry Institute Partnership Cell and Entrepreneurship Cell, in the all-round development of the students.

Rest of the week the programme was divided in three orientations. First, Familiarization oriented, Second, Curriculum oriented and Third, Extra-curriculum oriented. The Familiarization oriented and Curriculum oriented programs were scheduled in the pre-lunch sessions of the days and Extra-curriculum oriented programs were scheduled in the post-lunch sessions of the days.

Familiarization Oriented Sessions: Senior Professors of the Institute, Prof. (Dr.) Sanghamitra Chatterjee (Principal), Prof. (Dr.) Chandramohan Khan (HOD, EE), Prof. S. K. Dey (HOD, ME) and Prof. Arup Marik (HOD, CE), took the sessions to familiarize the students with the world of engineering, relation of engineering with society, journey of a budding engineer in CIT and Civilization through Civil Engineering.

In this week, Curriculum oriented sessions were focused to Mathematics Foundation Classes. This subject was taken by, Prof. Abhishek Saha.

In this week Extra-Curricular oriented sessions covered, Debate, Quiz and Sports Activities. The topic of debate was "Social Media Promotes Learning".



Sports activity included Yoga, Table Tennis, Chess, Carrom, Ludo, Chinese Checker, Math Race etc.



SECOND WEEK

In this week, Curriculum oriented sessions were focused to Physics, Chemistry and Mathematics Foundation classes. Not only theory classes, but also visit to different labs were arranged, with an aim to give them idea about different streams of engineering. Communicative English and Soft Skill Grooming classes were also arranged. This was conducted by Prof. N. C. Chattopadhyay.

Extra-Curricular Oriented Sessions included "Banomahotsava" – the Tree Plantation, Social Awareness and Sports. "Banomahotsava" was observed with great hue and colours. First year students took part actively. They also gave presentations on Green House Effect, pros and cons of tree plantations etc.



Social Awareness Activities included Awareness Camp in the adjacent village on the diseases like Dengue, Malaria, diarrhoea etc. The students made placards on the reasons, symptoms and ways to prevent these diseases. They also counsel the villagers about dos and don'ts.



In this week, on 15th August, the students celebrated Independence Day in the institute campus. They arranged for the programme and Flag Hoisting. They did Parade. They also arranged for a cultural program with little children from the village.



Sports activity included Foot Ball Competition, Ball throwing, Musical chair, Hari Bhanga etc.



THIRD WEEK

In this week activities were mainly outside the campus.

On August 20, the students were taken to Birla Industrial and Technological Museum. The students visited High Voltage Lab and have seen the Van De Graph Generator, Super Cool Lab and seen the use of liquid Nitrogen, Mathematics lab and learned Vedic Math and Pascal's Triangle. They also visited Videography lab and learned about VFX effects. They visited mock coal mine and learned about different types of coals and their cutting techniques and the required machineries. They also have seen a 3D movie on evolution of earth and animal kingdom. Prof. A. Saha and Prof. M. K. Pain was with them to explain the observations.



On August 21, the students were taken to **Pachisia Multitech Pvt. Ltd.** for industry visit. This company is engaged in manufacturing high quality HDPE and Polyproelene Sheets, shapes and profiles in various grades to replace conventional materials such as steel, wood and leather, to meet today's demand for energy efficient and environment-friendly products, which are durable and light weight and colourful at the same time, Prof. J. Chakroborty, Prof. S. Patra and Prof. S Chodhury was there with them to explain their observations.



On August 23, the students were taken to Belur Matha. The students there visited the Museum and learned how Swami Vivekananda had done this huge task, without having a single penny of his own, but with great positive energy and mental power only. . Prof. M. K. Pain, Prof A. Saha and Prof. U. K. Dey was with them and explained them, the journey of Swamiji and relrvance of his thoughts in today’s personal and professional life. Students also observed and were explained how smoothly this huge institution is running depending on monks’ disciplined way of working. They were also taken to Vidyamandira, the Degree College. The Principal arranged a lecture session for the students in their auditorium. Subrata Maharaj explained necessity of Values and Ethics in professional life.



On August 24, the students were asked to write a report on their activities and learning during Induction program. On the same day, the students performed street dramas group-wise on two contemporary topics – “Student Strike” and “Modern Education System”. Prof O. Saha and Prof. F. Kundu were with them to guide them.

Great enthusiasm has been noticed, during the induction program and later. The students have understood how much application oriented they should be while learning. They are sowing interest in starting small project work. Overall, this induction program has created great motivation towards experiential learning, among the students.

ANNEXURE

Time Table

CAMELLIA INSTITUTE OF TECHNOLOGY									
"Second Home" : Tentative Induction Programme									
Academic session: 2018-19 1 st year B.TECH.									
WEEK 1									
REGISTRATION DESK (09:30-10:30): BBD, AKR, Writbina, Soumili, Parsomi, Preeti/Poorna									
Anchoring: Debobroto, Rashmita (script to be checked by OLS)									
DAY	12:45-1:40	1:40-5:00							
WED 08/08/18	B R E A K	(a) Assignment of faculty mentors to the new Students (b) Assessment and allotment for mentoring by senior students Faculty Mentors: Prof. Joyita Chakraborty, Prof. Syamal Patra Student Mentors: Ankikesree Das, Joy Kr. Chakraborty, Soumili Banerjee, Parsomi Pal	SCHEDULE AS PER INAUGURATION PROGRAMME SCHEDULE						
DAY	12:20-1:10	1:10-1:40	1:40-2:30	2:30-3:20	3:20-4:10	4:10-5:00			
THURS 09/08/18	BS-M101/M102 (ABS)	B	Visit to the different Departments of the Institute and Debate and Quiz Competition (SRP, ABS) Topic: "Social media promotes learning"						
FRI 10/08/18	BS-M101/M102 (ABS)	R	Carrom and Table Tennis competition (PMK) Chess, Ludo and chinese checker competition (ARP) Sports competition (50 m math race competition, etc) (SRM)						
WEEK-2									
DAY	12:20-1:10	1:10-1:40	1:40-2:30	2:30-3:20	3:20-4:10	4:10-5:00			
MON 13/08/18	BS-M101/M102 (ABS)	B	Ball throwing, Musical chair, Hari Bhanga competition (SHH, JTC)						
TUE 14/08/18	BS-M101/M102 (ABS)	R	"BAN MAHOTSAB" : Song by Rashmita Saha. Tree plantation inside & neighboring village. All 1 st year students should wear colorful (green, yellow & red) traditional dresses (girls: sarress, boys: colorful Punjabis) (KKM)						

WED 15/08/18	Celebration of Independence Day: Dance, singing, recitation, etc. (SAB, SEM)		A						
THURS 16/08/18	ES-EE191 GR.-A (CMK) INTERNET LAB (A308) GR.-B	ENGLISH COMMUNICATION (NCC)	BS-PHI01- GR.-A(SNC) BS-CHI01- GR.-B (BJS)	K	Football Match: Fresher Vs. 2 nd and 3 rd year (JDM)				
FRI 17/08/18	SEMINAR BY NEW STUDENTS & REOPRT WRITING				Awareness camp: Dengue, malaria, diarrhoea, etc. awareness camp in adjacent village. Students should prepare relevant placard. (AJM, ABS)				
WEEK-3									
DAY	9:50-10:40	10:40-11:30	11:30-12:20	12:20-1:10	1:10-1:40	1:40-2:30	2:30-3:20	3:20-4:10	4:10-5:00
MON 20/08/18	ES-EE191 GR.-B (CMK) INTERNET LAB (A310) GR.-A				Visits to Birla Planetarium and Indian Museum (SNC, BJS)				
TUE 21/08/18	ES-EE101 (CMK)				INDUSTRIAL VISIT (ADB, JTC, SMP, CKS)				
WED 22/08/18	HOLIDAY								
THURS 23/08/18	Visits to Belur Math (MKP, ABS, UKD)								
FRI 24/08/18	FEEDBACK OF THE INDUCTION PROGRAM	Street Drama on contemporary topics (like Students strike, Education system, etc.) (OLS, FLK, KSS)							