

TPCT's  
COLLEGE OF ENGINEERING, OSMANABAD

Date: 01/07/2019

**Report of In House Summer Internship On C and C++**

We organized “*In House Summer Internship on C and C++*” in association with Precise Employability Skills from 24.06.2019 to 30.06.2019 for Third year students (All Branch). As per the prior permission and guidance from president of the Terna public charitable trust Hon.Dr. Padmsinhaji Patil and our inspiration Hon. Ranajagjitsinhaji Patil, Respected Dr.V.V.Mane, Principal, College of Engineering, Osmanabad and the main architect behind organizing this new initiative of introducing in house summer internship program for BE students to make “ready engineers” for industries. His vision is to provide the best facilities; education system blended with hands on activities with various technical workshop and innovative ideas has won the hearts our students.

***Objectives of the workshop:***

1. “*To make ready engineers*” and to mold BE students who are at their door steps of becoming engineers.
2. “*Helps to qualify National Qualifier Test of TCS, Wipro, Infosys and other companies as well as GATE*”

***Organizing and scheduling of the program:***

**Efforts taken as a Team**

For smooth conduction of this important program under the valuable guidance of respected principal Dr.V.V.Mane sir, Training and Placement cell, departmental TPO worked as team and took care about all the requirements of trainers and students. Under the supervision of Training and placement officer Prof. V. V. Mane, departmental TPO Prof. P.M.Pawar coordinated and monitored session attendance on a daily basis.

**Facilitator**

Departmental TPO Prof. P.M.Pawar played an important role of facilitator and satisfied all the demands which required for conduction of the program. By knowing the importance of time,

health and safety of trainers Prof.P.M.Pawar taken special care of local transportation, stay and quality of food to be served in the canteen and hotel.

### **Provision of basic amenities in the classrooms and for trainers**

For effective presentation we have developed 1 departmental seminar hall with modern equipments like projector, audio-video instruments, auto slide changer and classrooms are covered with black sheet to avoid sunlight and for proper concentration in classrooms. We have allotted two laboratories for the smooth conduction of practical sessions. On day to day basis and after completion of each session, we have taken care that all classrooms should be clean and mineral water bottles for trainer were available in the classroom. For a lunch we have made arrangement in our college canteen.



### **Disciplined program flow**

Training and placement officer and all training and placement coordinators guided their respective branch students about the importance of this program. Students are advised to come 15 minutes before starting of sessions and students also supported with full enthusiasm. All session's was commenced at 9.15 a. m. sharp and ends at 05 p.m. Students were very much eager to attend all these session without fail and they were absent for very rare sessions due to some unavoidable circumstances and with permission from TPO coordinator.

### ***Inauguration of the program***

The program is inaugurated by Dr.V.V.Mane, Principal and Mr.Suraj Khandale, Trainer, Precise Employability Skills by watering to the plant.

In his inaugural speech Dr.V.V.Mane explained the importance of this in house summer internship program and advised all students to take benefit of this program.



Mr. Suraj Khandale on his inaugural speech gave 100% assurance about sound training, which will be beneficial for the students in near future. He also made vote of thanks to management of TPCT Osmanabad for inviting him to train students of college of engineering, Osmanabad.

### ***Pre placement training preparation***

Now a day's Placement activity is the keen part of Engineering Colleges. By understanding the concept; this program did great work in molding the students. For getting success in Campus interviews, to qualify National Qualifier Test of TCS, etc and GATE; it is required to work on Technical aptitude (C and C++). Following Trainer from Precise Employability Skills took excellent efforts for the Training program.

1 **Mr. Suraj Khandale:** -He elaborated that C and C++ are the essential for the *National Qualifier Test of TCS, Wipro, Infosys and other companies as well as GATE* and it is the base for all languages. He involved the students in his sessions by his interactive teaching method. He gave boost to the students to understand and develop their C and C++ concepts. Due to his teaching it is made much easier and learning becomes a fun.



***Trainer Remarks:***

At the end of all sessions, trainer appreciated the enthusiasm and energy of training and placement officer Prof. V. V. Mane and TPO coordinator. All faculties of the institute helped them throughout the week and they appreciated faculty helpfulness.

They have appreciated students support and their eagerness to learn new things. Students are totally involved with trainers. Mr. Surak Khandale appreciated politeness, hard work and hospitality of students of College of Engineering, Osmanabad. He had a great time at TPCT's College of Engineering, Osmanabad. He also shared his personal email id, contact number among the students and asked to remain in contact with them. Trainer gave assurance that he is very much happy to conduct this type of training programs in near future too.

***Difficulties observed while organizing the training program***

- 1) It's good, if one laboratory (with at least 100 computers) has to be fully equipped and maintained with wall mounted projector and sound system for future organization of the program.
- 2) Availability of updated antivirus have to be installed on each personal computer which is connected to projector, absence of antivirus is causing loss of valuable data and information

from trainers or speaker’s USB drives. We have solved this issue by scanning the USB drives of trainer through our own laptops.

**Student Feedback statistics**

We took feedback from students who have attended training sessions.

**Table 1: Student feedback of “*In House Summer Internship On C and C++*”**

Total Students	Excellent	Good	Average	Satisfactory	Poor	Not Submitted
70	38	27	1	0	0	4

Students gave very positive feedback about the event. It has been recorded in the form of video also.

**TPO feedback**

From last five years, I am handling the responsibility of training and placement cell and identified need of enhancing soft skills and aptitude skills of our students primarily. In the past also we have conducted training sessions for students and in addition to that this “*In House Summer Internship on C and C++* “ will definitely make positive impact on students and students will get more serious about their future placements and soft skills. If possible we can arrange same program for S.E. and T. E. students with more content in near future.

**Concluding remarks**

We are very much pleased to say that “*In House Summer Internship on C and C++* “ conducted by Precise Employability Skills for Third year students was a grand success and informative to all students of TPCT’s College of Engineering, Osmanabad.

1. Students now capable of solving multiple choice questions of *National Qualifier Test of TCS, Wipro, Infosys and other companies as well as GATE.*
2. This program will definitely helps to reduce institute –industry gap, student –industry gap in near future.
3. Objectives of workshops stated above are satisfied.

We will try to conduct same qualitative and quantitative program in near future too.

