

One Day Workshop on C and C++ 29th February 2020

Human Resource Development Centre (HRDC), Integral University one of the Remote Centre of IIT Bombay organised a one day workshop on C and C++ on February 29, 2020, for faculty members of Integral University and institutes around the surrounding areas of the University.

The participants were invited for registration on NMEICT website (<https://www.it.iitb.ac.in/nmeict/>) by circulation of messages and notice. The workshop received warm response and was conducted in hybrid mode with synchronous live interaction from experts at IIT Bombay, followed by demonstration and hands on session by workshop coordinator Ms.SonaliYadav.

The workshop started with welcome of participants by Remote center Coordinator Dr anup K Sirbaiya, followed by live interactive session with experts from IIT Bombay, **Prof. Bhaskaran Raman, Prof. Kameswari Chebrolu and Prof. Varsha Apte**, FOSSEE and Spoken Tutorial Teams, Indian Institute of Technology, Bombay. This was followed by post lunch session with hands on workshop using side-by-side method, where participants learnt about various topics related to C and C++, like First C Program, First C++ Program, Tokens in C and C++, Functions in C and C++, Scope of Variables in C and C++, If And Else If statement in C and C++, Nested if and switch statement in C and C++, Increment and Decrement Operators in C and C++, Arithmetic Operators in C and C++, Relational Operators in C and C++, Logical Operators in C and C++, Loops in C and C++, Arrays in C and C++, Working with 2-D Arrays in C and C++, Strings in C and C++, String Library Functions in C and C++, Working with Structures in C and C++, Understanding Pointers in C and C++, Function call in C and C++ and File Handling in C. Workshop had total 15 registered participants from within and outside Integral University and institutes around the surrounding areas of the University, of which all 15 completed the workshop after passing the required activities and assignments.

To keep the participants actively engaged and post workshop followup, a whatsapp group was created for all the participants and coordinators.

The details pertaining to the workshop can be found at following links:

1. Brochure: https://www.it.iitb.ac.in/nmeict/pdfs/brouchure_800016.pdf
2. Resources: https://spoken-tutorial.org/tutorial_search/?search_foss=C+and+C++&search_language=English
3. Coordinators: https://www.it.iitb.ac.in/nmeict/coordinatorList.html?workshopid=c5s7mrn-aY1De-N5FG_6_A&callFrom=2
4. Participants completed: https://www.it.iitb.ac.in/nmeict/participantList.html?workshopid=c5s7mrn-aY1De-N5FG_6_A&status=wZFlr-khrFxEEMgeJzFwgv&rcid=wZFlr-khrFxEEMgeJzFwgv&callFrom=2
5. Slides: https://drive.google.com/file/d/13GafnR5rrdBESU89Z_J_1mBD1A2kOv8Q/view
6. Videos:

Session 1-

https://www.youtube.com/watch?v=6wtby3xghQ8&list=PL_uaeekrhGzIfWY7FQpAYUk5aPglPOh8k&index=3

Session 2

https://www.youtube.com/watch?v=9z_SsD2hWNo&list=PL_uaeekrhGzIfWY7FQpAYUk5aPglPOh8k&index=4

Session 3:

https://www.youtube.com/watch?v=cCRd26Qs7g&list=PL_uaeekrhGzIfWY7FQpAYUk5aPglPOh8k&index=5

1. Screenshot link:

<https://docs.google.com/spreadsheets/d/1xjqW2kOtlmfq1PrxzTw96xdqyQV1nal5PD4qGWbMmkk/edit#gid=0>

2. Feedback form:

<https://www.it.iitb.ac.in/nmeict/viewSurveyFormPreview.html?sid=icmeUoC3RvoXAGL6VrUX9A>

3. Feedback form Summary:

<https://www.it.iitb.ac.in/nmeict/surveyReportCount.html?sid=icmeUoC3RvoXAGL6VrUX9A>

4. <https://docs.google.com/spreadsheets/d/1fom70mhidfcDh65eYn4033DSU4r0b2osNGxCQkKcSWA/edit#gid=2110629669>