Create. Innovate. Inspire

Dear Delegate

Aditech ICT Pvt Ltd in collaboration with the NSM Nodal Center for Training in HPC and AI at IIT Goa, Intel Software bring you this exclusive virtual workshop on Intel oneAPI tool Kits.

The way of computing is changing rapidly in current times and Intel takes it upon itself to offer groundbreaking technology solutions to all its clients with innovative features that inspire future technology trends.

We are thrilled to bring to you a gateway to understanding cutting-edge technology like the **Intel® oneAPI Toolkits**.

"Take your HPC, enterprise, AI and cloud applications to the max—with fast, scalable, and portable parallel code with Intel® oneAPI Base Toolkit and Intel® oneAPI HPC Toolkit"

Be a part of this ONLINE exclusive workshop and understand the fundamentals of Cross-Architecture Programming with the **Intel® oneAPI Toolkits for HPC, C++, and Fortran developers**.

Dates:

31st January Monday 2022 - 10:00AM To 01:00PM IST

1St February Tuesday 2022 - 10:00AM To 01:00PM IST

Join information

Day 1 : Intel oneAPI HPC Virtual Workshop - Organized by Aditech ICT Pvt Ltd

Hosted by VIJAY KUMAR

https://aditechictpvtltd.my.webex.com/aditechictpvtltd.my/j.php?MTID=m1b154812581687abd355efd50df8ad5f

Monday, Jan 31, 2022 10:00 am | 3 hours | (UTC+05:30) Chennai, Kolkata, Mumbai, New Delhi

Meeting number: 2642 723 7616

Password: Axgb6b42Gki (29426242 from phones and video systems)

Join by video system

Dial 26427237616@webex.com

You can also dial 210.4.202.4 and enter your meeting number.

Join by phone

+65-6670-9679 Singapore Toll

Access code: 264 272 37616

Day 2 : Intel oneAPI HPC Virtual Workshop - Organized by Aditech ICT

Pvt Ltd

Hosted by VIJAY KUMAR

https://aditechictpvtltd.my.webex.com/aditechictpvtltd.my/j.php?MTID=m0

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Tuesday, Feb 1, 2022 10:00 am | 3 hours | (UTC+05:30) Chennai, Kolkata,

Mumbai, New Delhi

Meeting number: 2644 152 6561

Password: eDmwxqn2j23 (33699762 from phones and video systems)

Join by video system

Dial 26441526561@webex.com

You can also dial 210.4.202.4 and enter your meeting number.

Join by phone

+65-6670-9679 Singapore Toll

Access code: 264 415 26561

Following are the key pointers that will make this workshop special

- Understanding Intel oneAPI domain-based toolkits
- Acknowledging oneAPI features for all hardware
- Insightful detailing about Intel Compilers
- How to profile and offload the source code using Intel Tools
- Free 90 days DevCloud access
- Overview of DPC++ language

- Live demos with samplescodes
- Sample codes for practice
- oneAPI product variants and licensing models overview

Day: 1

Agenda: OneAPI and its workings

1. What is OneAPI (30mts)
2. Using All Intel HW (30-45mts)
3. DevCloud (15mts)
4. DPC++ (30 mts)
5. OneAPI coding examples and demo (90 mts)
6. If students want to log to DevCloud and run code (30 mts)
7. Intel oneAPI Products and Licensing
8. Q and A

Day: 2

Agenda: Intel Software and its Workings

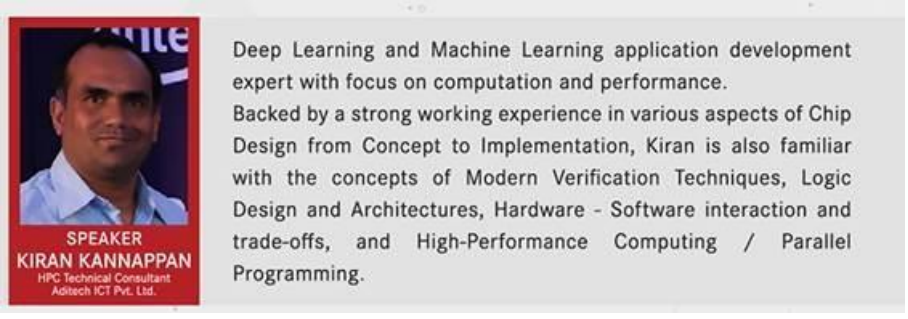
1. Introduction to Intel Architecture (15mts)
2. Intel Compiler and its features + Vectorization (45-60 mts)
3. Intel Advisor and demo (45 mts)
4. VTune and Demo (45 mts)
5. ITAC (30 mts)
6. 6. Q and A + Discussion

Speakers:

- Dr. Sudhakar Yogaraj, Assistant Professor, School of Mechanical Sciences, Indian Institute of Technology Goa
- Kiran Kannappan, HPC Technical Consultant
- Rahul Srinivasan – FAE
- Vijay Kumar – Business Development Manager , Aditech ICT Pvt Ltd

Please write back to us for any queries

sudhakar@iitgoa.ac.in, vijay@aditech.in ,+91 9324923611



Warm Regards,

Team Aditech