GPU PROGRAMMING WITH CUDA

NSM Nodal Centre for Training in HPC and AI is organizing an online course on **GPU Programming with CUDA**. The course is free, for everyone. The course is taught via recorded lectures and doubt sessions. The course is derived from a similar course taught at IIT Madras in parallel. The topics are listed below.

Topics

- Introduction
- Computation
- Memory
- Synchronization
- Functions
- Support
- Streams
- Topics and Case study

Who may attend this course?

- if you have interest in learning to program GPUs
- Students from science and engineering
- Company personnel interested in programming GPUs
- Scientists and domain experts

Who should NOT attend this course?

- If you never heard of a graphics processing unit
- If you do not know programming

Course Details

https://www.cse.iitm.ac.in/~rupesh/teaching/gpu/feb22/
The course runs with recorded lectures.

Register here

https://www.cse.iitm.ac.in/~rupesh/teaching/gpu/feb22/?mode=Registration

Instructor

Instructor:

Rupesh Nasre
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