



**GET CERTIFICATES FROM
IITs AND IISC**

SWAYAM NPTEL COURSE ON GPU ARCHITECTURES AND PROGRAMMING

WILL COVER:

GPU Architectures



Memory hierarchy

Communication Thread
Synchronization structure

Divergence Warp Scheduling

GPU Programming



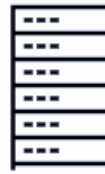
OpenCL

Optimization techniques

Tiling Coarsening Fusion
Coalescing Reduction

APPLICABLE TO:

Artificial Intelligence & Deep
Learning



High Performance
Computing



Graphics & Simulation



Autonomous Vehicles

IMPORTANT DATES:

Start Date :	18 Jan 2021
End Date :	09 Apr 2021
Exam Date :	25 Apr 2021

For more information visit the link :



[noc21_cs46](https://noc21_cs46.iitkgp.ac.in)

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PROF. SOUMYAJIT DEY

Department of
Computer Science and Engineering
IIT Kharagpur

