

## Centre for Development of Advanced Computing

(Scientific Society of the Ministry of Electronics and Information Technology, Government of India)

## CERTIFICATE

*This is to certify that*

**Aditya Nagose**

*has completed 900-hour full time Post Graduate Diploma course offered by*

**C-DAC's Advanced Computing Training School, Pune**

*This course has the following compulsory modules*

- ◆ Programming Concepts
- ◆ Cloud Computing & Operations, Platforms & Deployment Strategies
- ◆ Computer Architecture & Interconnects and Intro to Processor & Co-processor Architectures
- ◆ Analytics & Statistics using Python and Numerical Methods in Science and Eng
- ◆ Linux shell scripting, Perl, and PHP
- ◆ General Aptitude & Communication
- ◆ Introduction to ML, DL and AI
- ◆ Introduction to CUDA Programming, OpenCL and OpenACC
- ◆ Intro to HPC Profiling, debugging tools, Schedulers & Job Submission
- ◆ Application Optimization, Resource Management & Monitoring tools
- ◆ Parallel Programming for Multicore
- ◆ Project

*This course was conducted during the period September 15, 2022 to March 15, 2023.*

*Aditya Nagose has been examined and found proficient in the above modules and has been conferred*

**PG Diploma in HPC Application Programming**

*with Grade A.*

Grade Scale : A+ >=85%, A >=70% to <85%, B >=60% to <70%, C >=50% to <60%, D >=40% to <50%, F <40%

**Col. A. K. Nath (Retd.)**

Executive Director  
C-DAC, Pune

**Gaur Sunder**

Associate Director & HoD  
C-DAC ACTS, Pune

**Risha P. R.**

Joint Director  
C-DAC ACTS, Pune

B351646

Date : March 15, 2023



Place : Pune



**PG Diploma in HPC Application Programming****PERFORMANCE STATEMENT**

(Duration : September 15, 2022 to March 15, 2023)

Name of the Student : **Aditya Nagose**Name of the Centre : **C-DAC's Advanced Computing Training School, Pune**

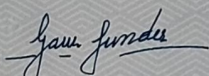
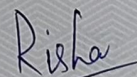
Sr. No	Name of the Module	Maximum Marks	Marks Scored
1.	Programming Concepts	100	76
2.	Introduction to ML, DL and AI	100	59
3.	Linux shell scripting, Perl, and PHP	100	63
4.	Introduction to CUDA Programming , OpenCL and OpenACC	100	79
5.	Computer Architecture & Interconnects and Introduction to Processor & Co-processor Architectures	50	37
6.	Introduction to HPC Profiling, debugging tools, Application Optimization, Resource Management & Monitoring tools, Schedulers & Job Submission	100	85
7.	Cloud Computing & Operations, Platforms & Deployment Strategies	100	76
8.	Analytics & Statistics using Python and Numerical Methods in Science and Engineering	100	57
9.	Parallel Programming for Multicore	100	70
<b>TOTAL</b>		<b>850</b>	<b>602</b>

**Marks Distribution:** Theory 40%, Lab 40% and Internal 20%.

<b>Result : Pass</b>	<b>Grand Total : 602 / 850</b>	<b>Percentage : 70.82 %</b>	<b>Grade : A</b>
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Aditya Nagose has been awarded Grade **A** for Project Work, Grade **A** for General Aptitude & Communication.

Grade Scale : A+ &gt;=85%, A &gt;=70% to &lt;85%, B &gt;=60% to &lt;70%, C &gt;=50% to &lt;60%, D &gt;=40% to &lt;50%, F &lt;40%

**Gaur Sunder**  
Associate Director & HoD  
C-DAC ACTS, Pune**Risha P. R.**  
Joint Director  
C-DAC ACTS, Pune**M293056**

Date : March 15, 2023



Place : Pune

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