



# National Workshop on GPU Programming and Applications (GPA3-2014)



12<sup>th</sup> – 14<sup>th</sup> Sep 2014, IIT Guwahati-781039

## Invited Speakers

- **Prof. Gautam Biswas**  
Director, IIT Guwahati
- **Prof. P.S.V. Nataraj**  
CUDA Center Of Excellence, IIT Bombay
- **Prof. S. Gopalakrishnan**  
CUDA Center Of Excellence, IIT Bombay
- **Dr. V.C.V. Rao**  
CDAC, Pune
- **Mr. Ashok Chaudhary**  
IIT Bombay
- **Dr. Pushan Majumdar**  
IACS, Kolkata
- **Dr. Shubra Ghosh Dastidar**  
Bose Institute, Kolkata

## IIT Guwahati Speakers

- **Prof. Jiten Kalita**
- **Dr. Vibin Ramkrishnan**
- **Dr. Aryabartta Sahu**
- **Dr. Deepak Sharma**

### Registration Fee

Industry participants: INR 4500/-  
Faculty: INR 3500/-  
Students: INR 2000/-

Registration fee includes registration kit, lunch  
and refreshment for three days only.

### Address for Correspondence

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## Course Highlights

- Why Supercomputing ?
- Introduction to Parallel Computing
- Introduction to GPU Computing
- CUDA Arch. and Programming model
- CUDA Best practices
- CUDA Profiling and debugging tools
- CUDA Optimizations
- Case Studies from diff. Appl. Domains

## Hands on Lab Sessions on

# CUDA

## & Programming Contest

# CUDATHON

## Organizing Committee

Patron:

*Prof. Gautam Biswas*

Directors:

*Prof. P.S.V. Nataraj  
Prof. S. Gopalakrishnan  
Dr. V.C.V. Rao  
Dr. Gaurav Trivedi  
Mr. Manish Bali*

Advisors:

*Prof. Ratnajit Bhattacharjee  
Prof. Sukumar Nandi  
Prof. Shivashankar B. Nair  
Prof. Bhaba Kumar Sarma  
Prof. Diganta Goswami*

Members:

*Dr. Rohit Sinha  
Dr. Kalpesh Kapoor  
Dr. Praveen Kumar  
Dr. Aryabartta Sahu*

For Details Visit us at [www.iitg.ac.in](http://www.iitg.ac.in)

Last Date for Registration : 08<sup>th</sup> Sep, 2014

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