

Seminar on

"Data Centre and High Performance Computing for Engineering Applications" *Presented by*

Dr. Pethuru Raj

(Reliance Jio Infocomm. Ltd, Bangalore)

Date: 26.10.2023 | Time: 2.00 to 4.00 pm

Organized by

School of Mechanical Sciences & Data Center, BSACIST in Association With Computer Society of India, Chennai Chapter Organized a workshop on

Convenors

Dr. H. Siddhi Jailani,

Dean - School of Mechanical Sciences,

Dr. A. S. Selva Kumar,

Head of the Department,

Department of Mechanical Engineering,

Dr. N.Ayyanathan,

Professor & Director (Data Centre)

BSA Crescent Institute of Science and, Technology.

Coordinators

Dr. N. Raviumar,

Assistant Professor (Sr. Gr),

Mr. S. Loganathan,

Assistant Professor (Sr. Gr),

Department of Mechanical

Engineering,

BSA Crescent Institute of Science and

Technology.

PREAMBLE

"Data Center and High-Performance Computing for Engineering Applications" seminar was organized by Department of Mechanical Engineering and Data Center, BSACIST, along with CSI (Chennai Chapter). The Seminar was inaugurated by Dr. N. Raja Hussain, Registrar, BSACIST, Dr. H. Siddhi Jailani, Dean - School of Mechanical Sciences, Dr. A. S. Selva Kumar, Head of the Department, Mechanical Engineering and Dr.N.Ayyanathan, Director, Data Center. Around 70 students and 20 faculty from the Department of Mechanical Engineering participated in the workshop.

The seminar started with recitation of Qirath. The seminar coordinator, Mr. S. Loganathan, Assistant Professor, extended a warm welcome to the attendees, and Dr. H. Siddhi Jailani, Dean (SMS), Dr. A. S. Selvakumar, HoD – Mechanical offered their felicitations thereafter.

Knowledge Transfer

During the seminar, the speaker Dr. Pethuru Raj shared many interesting points about HPC. High-Performance Computing (HPC) plays a crucial role in advancing engineering applications by providing significant benefits in terms of computational power, speed, and efficiency. He also shared some key advantages of utilizing HPC in engineering like Cutting-edge technology Development, Parallel Processing, Large-Scale Data Analysis, Higher Accuracy.

This seminar enlightened the knowledge of students and faculty members in the area of HPC.



Chief Guest Felicitated by the Registrar



Keynote address by the Chief Guest



Interaction with Students

Invitation of the Seminar



Department of Mechanical Engineering

In association with



Computer Society of India, Chennai Chapter

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Data Centre -BSACIST Organizes a Seminar

Data Centre and High Performance Computing for Engineering Applications

> Dr.N.Raja Hussain Registrar *Presides*

> > Keynote Speaker



Dr. Pethuru Raj Chief Architect and Vice President

Site Reliability Engineering (SRE) Division Reliance Jio Infocomm. Ltd. Bangalore 560103

Date: 26/10/23, Venue: Seminar Hall-I, Convention Center at 2.00 PM

Conveners

Dr. H. Siddhi Jailani

Professor & Dean SMS

Dr. A.S. Selvakumar Professor & HOD Mechanical

Dr. N.Ayyanathan

Professor & Director (Data Centre)

Faculty Coordinators
Dr. N. RavikumarAP(Sr. Gr.)- (Mech)
Mr. S. Loganathan
Assistant Professor (Sr. Gr.)

List of Participants

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