



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

&

Data Centre -BSACIST

*Organizes a
Seminar*

on

***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

Attendance Sheet for Seminar on
Demystifying High-performance Computing (HPC)

Date: 26.10.2023

S.No	RRN	Name	section
1.	220021602004	M. MOHAMMED SHAMEER II	'A'
2.	220021602005	R. DINGH II	'A'
3.	220021602007	MURTI HARSHAN S II	'A'
4.	220021602002	ABU BAKKER SIDDIQ H II	'A'
5.	220021602006	M FARDEEN HUSSAIN II	'A'
6.	220021601001	NAZAR FAHAD KANA D	'A'
7.	220021601003	Abdul Awwal II	'A'
8.	220021601005	Abdul basith II	'A'
9.	220021601010	Asadullah Hamza II	'A'
10.	220021601017	Fouzan Qasim II	'A'
11.	220021601002	Adel Abdul Raheem II	'A'
12.	220021601016	FAZIL RAHMAN. J II	'A'
13.	220021601009	ARAVIND. S II	'A'
14.	220021601014	H. Dhanush. H. II	'A'
15.	220021601018	CHOPAKRASHWAN. R II	'A'
16.	220021601033	Mohammed dikmanul Hakkim. H II	'A'
17.	220021601025	P. LOKESH II	'A'
18.	220021602010	S. Kathirvel → II	'A'
19.	220021602013	P. Mohamed Rafi → II	'A'
20.	220021601021	K. Irfan → II	'A'
21.	220021601024	Joshua Jy Mark → II	'A'
22.	220021601022	ISWAHIZULLAH → II	'A'
23.	220021601026	Mahendran. D	'A'
24.	220021602003	Ameer Abdulrahman (II) II	'A'
25.	220021602004	S. ASWIN → II	'A'
26.	220021601011	S. AMYASH IQBAL II	'A'
27.	220021602001	A. Abdul Rahman mangal II	'A'
28.	220021602031	S. APPROSE AHAMED → II	'A'
29.	220021602015	AASIFUMAR. M → II	'A'

- 30) 220021601004 Abdul basid A. II A
- 31) 220021601008 A. AHMED II A'
- 32) 220021601007 Adhokshajjan Angamuthu II - A'
- 33) 220021601012 Balamurugan R II - A'
- 34) 220021601019 Dzhim Mohamed II - A'
- 35) 220021601060 V. A. Supriya II - "B"
- 36) 220021601067 Yuvanshankar R II - B'
- 37) 220021601062 I. Syed
Mohammed II - B'
- 38) 220021602019 R. NARESH II - B'
- 39) 220021601057 SRIPANTH KRISHNAKUMAR II - B'
- 40) 220021601065 VIJAS II - B'
- 41) 220021601054 SHEIK DAWOOD II - B'
- 42) 220021601051 SELVA DARSHAN II - B
- 43) 220021601064 SYED WASIM MUSATIN II - B'
- 44) 220021601068 YASAR SHARIFF II - B'
- 45) 220021601043 TAQEE KUNJAN II - B'
- 46) 220021601047 RISHI KRISHNA II - B'
- 47) 220021601056 Smith wiggles worth II - B'
- 48) 220021601042 Mohammed Shakkir II - B'
- 49) 2200216010
- 48) 220021602027 SYED Mohammed Dalija. II B'
- 49) 220021601063 SYED Mohammed Taqi II B'
- 50) 220021602017 Mohammed ashik II B'
- 51) 220021602028 SYED Mohammed Labeeb II B'

52. SYED Hameed Prasan 220021604061 II B'
53. Mohammed Riyaz 220021602018 II B'
54. Mohammed Khalid 220021601040 II B'
55. Sathish H.G 220021602026 II B'
56. Shahil Ahmed 220021602025 II B
57. Santhosh 220021602023 II B
58. Yuvanraj 220021602030 II B
59. Thanveer H.N 220021602029
60. B.Mohammed Afzal 220021602016 II B'
59. K. Sathuraman - 220021601052 II B'
60. L. Pavan Kumar - 220021602020 II B'
61. M. Saabiq - 220021601087 II B'
62. Subbhas 220021601059 II-B
63. Mohamed Muadh 220021601036 II B
64. S. Srofeer 220021601041 II B
65. Senthil H 220021601050 II, B -
66. B. Saravanan 220021602024 II, B -
67. S. mohammad 220021601058 II B'

S. Logamma
Faculty coordinator.
Mr. S. Logamma
Do. N. Ravikumar.

A. S. Selvaran
HOD/Mech
31/10/23
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