

मध्यप्रदेश विज्ञान सम्मेलन एवं प्रदर्शनी

भारत के स्वतंत्रता का अमृत महोत्सव

विकसित प्रदेश • आत्मनिर्भर देश

DECEMBER 22 - 25, 2021 • IIT INDORE, (M.P.)

**Madhya Pradesh Vigyan Sammlean and Expo
(MPVS-2021)**

organizing

Conclave

on

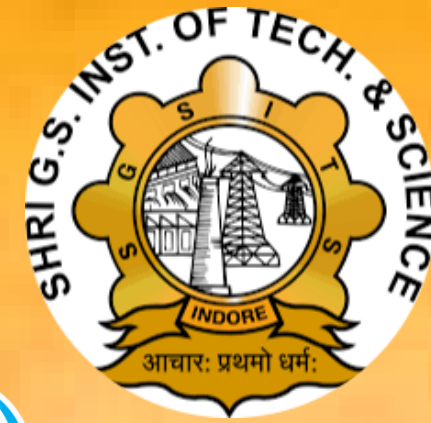
**Fabless and Fab Semiconductor
Ecosystem**

December 23-24, 2021 at IIT Indore

Venue

**L-24, Vikramshila Lecture Hall Complex
IIT Indore**

Registration Link: http://mpvs.in/mpvs_registration



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Keynote Speakers



Prof. Preeti Ranjan Panda
Professor, CSE
IIT Delhi



Mr. Shiv Kumar
Chief Technology Officer
Sahasra Semiconductors Pvt. Ltd.



Mr. Nand Kumaram, IAS
Managing Director,
M.P. State Electronics
Development Corporation Ltd.



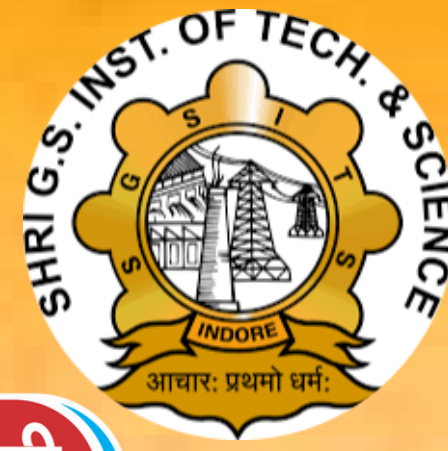
Dr. Satya Gupta
President, VSI and Ex-Chairman,
India Electronics Semiconductor
Association



Mr. Nishit Gupta
Scientist 'D', Ministry of Electronics
and Information Technology
Govt. of India



Mr. Navin Bishnoi
Senior Director
Marvell India Pvt. Ltd.



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Invited Speakers



Dr. Vaibhav Neema
Assistant Professor
IET-DAVV, Indore



Mr. Ashish Lachhwani
Founding Director
Steradian Semiconductor



Dr. Ankur Beohar
Assistant Professor
VIT Bhopal



Mr. Amit Chhabra
Principal Design Engineer
ARM



Mr. Bhupendra Vishwakarma
Sr. Principal Engineer
Cadence Design Systems



Mr. Prashant Admane
Group Manager
HCL Technologies



Dr. Mukesh Kumar
Associate Professor
IIT Indore



Dr. Siva Rama Krishna
FabCI
IIT Hyderabad



Mr. Arvind Shrivastava
SoC Engineering Leader
AMD



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Invited Speakers



Prof. R. S. Gamad

Professor & Head (EI Engg)
SGSITS, Indore



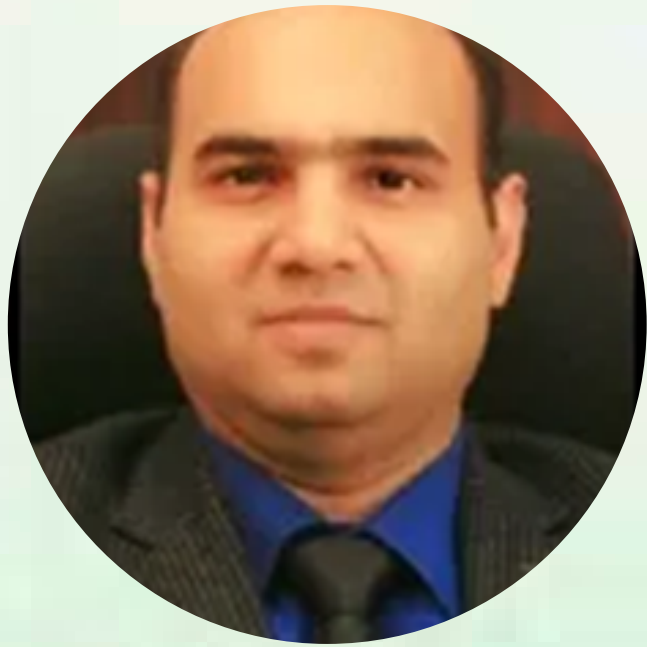
Dr. Gaurav Kaushal

Assistant Professor
ABV- IIITM Gwalior



Mr. Kunal Ghosh

Co-Founder
VLSI System Design



Dr. Dhruva Ghai

Professor
Oriental University, Indore



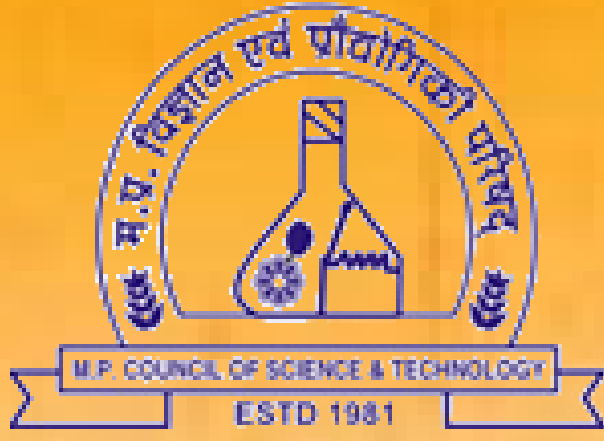
Mr. Akash Sethi

Director
Shree Pacetronix Ltd



Dr. Pankaj Sharma

Assistant Professor
IIITDM Jabalpur



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Panelists



Mr. Preet Yadav

R&D SOC Technical Program Manager
NXP



Mr. Deep Sehgal

SCIENTIST/ENGINEER-SF,
SCL India



Dr. Ashish Kumar

Group Manager
ST Microelectronics



Mr. Narendra Sen

Founder and CEO
RackBank



Mr. Puneet Mittal

Founder
VLSI Expert Pvt. Ltd.



Dr. Jai Gopal Pandey

Principal Scientist
CSIR-CEERI Pilani



Dr. Anirban Sengupta

Associate Professor
IIT Indore



Dr. Ambika Prasad Shah

Assistant Professor
IIT Jammu



Dr. Shailesh Singh Chouhan

Associate Senior Lecturer
Lulea University of
Technology, Sweden

Moderator



Prof. Anurag Shrivastava

Professor
ABV-IIITM Gwalior

Program Schedule

Day1 (23/12/2021, Thursday)

10:00-11:00

Video of MPVS-2021 and pre-conference videos of 'Fabless and Fab Semiconductor Ecosystem" (FFSE) Conclaves held at IIT Indore, MANIT Bhopal, and ABV-IIITM Gwalior

Welcome address and Concept of FFSE in MP by **Dr. Shaibal Mukherjee, IIT Indore**

Inaugural Address by **Shri Om Prakash Sakhlecha**, Honorable Minister of MSME and Science & Technology, Government of Madhya Pradesh

Vote of Thanks by **Dr. Mukesh Kumar, IIT Indore**

11:00-13:00

Keynote Talks

Prof. Preeti Ranjan Panda, Professor, CSE, IIT Delhi

Mr. Shiv Kumar, Chief Technology Officer, Sahasra Semiconductors Pvt. Ltd.

13:00-14:00

Lunch Break

14:00-14:45

Keynote Talk

Shri Nandkumarum, IAS

Managing Director, M.P. State Electronics Development Corporation Ltd.

14:45-16:15

Tea Break and Poster Session

16:15-17:30

Panel discussion on "**Challenges and Opportunities in Fabless and Fab Semiconductor Ecosystem in MP**"

Moderator: Prof. Anurag Shrivastava, ABV-IIITM Gwalior

Panelists :

Mr. Preet Yadav, NXP Semiconductors

Dr. Ashish Kumar, ST Microelectronics

Mr. Narendra Sen, RackBank

Mr. Puneet Mittal, VLSI Expert

Dr. Jai Gopal Pandey, CSIR-CEERI Pilani

Dr. Anirban Sengupta, IIT Indore

Dr. Ambika Prasad Shah, IIT Jammu

Dr. Shailesh Chauhan, LTU Sweden

Mr. Deep Sehgal, SCL India

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Youtube Live: <https://www.youtube.com/watch?v=isWpxcgB33I>

Program Schedule

Day2 (24/12/2021, Friday)

Keynote Talks

Dr. Satya Gupta, President, VSI and Ex-Chairman, India Electronics Semiconductor Association

Mr. Nishit Gupta, Scientist 'D', Ministry of Electronics & Information Technology, Government of India

10:00-11:20

11:20-11:30

Tea Break

11:30-12:15

Keynote Talk

Mr. Navin Bishnoi, Senior Director, Central Engineering ASIC Design, Marvell India Pvt. Ltd.

12:15-13:00

Invited Talks by Academia and Industry to “Establish Collaborative Ecosystem in MP: Academic Programs, R&D Activities, Startups, Industry Engagement for joint student supervision, Joint projects, EDA/TCAD/Fab Facilities etc.

Speakers

Dr. Vaibhav Neema, IET-DAVV Indore

Mr. Ashish Lachhwani, Steradian Semiconductor

Dr. Ankur Beohar, VIT Bhopal

13:00-13:45

Lunch Break

13:45-17:00

Invited Talks by Academia and Industry to "Establish Collaborative Ecosystem in MP: Academic Programs, R&D Activities, Startups, Industry Engagement for joint student supervision, Joint projects, EDA/TCAD/Fab Facilities, etc. "

Speakers

Mr. Amit Chhabra, ARM

Mr. Bhupendra Vishwakarma, Cadence

Mr. Prashant Admane, HCL Technologies

Dr. Mukesh Kumar, IIT Indore

Dr. Shiva Rama Krishna, FabCI, IIT Hyderabad

Mr. Arvind Shrivastava, AMD

Dr. R. S. Gamad, SGSITS Indore

Dr. Gaurav Kaushal, AVB-IIITM Gwalior

Mr. Kunal Ghosh, VLSI System Design

Dr. Dhruva Ghai, Oriental University Indore

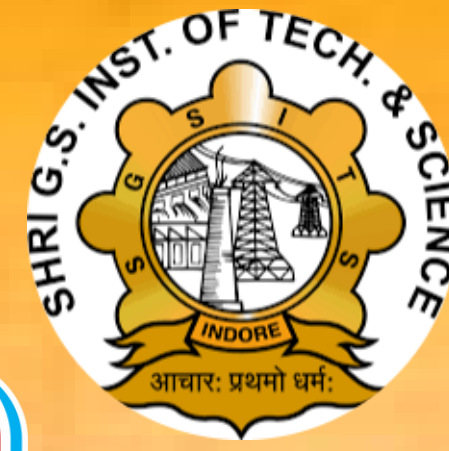
Mr. Akash Sethi, Shree Pacetronix Ltd.

Dr. Pankaj Sharma, IIITDM Jabalpur

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Youtube Live: <https://www.youtube.com/watch?v=dAIKnIn8Cqcl>



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Coordinators



Dr. Santosh Vishvakarma
Associate Professor
IIT Indore



Dr. Ajay Kushwaha
Assistant Professor
IIT Indore



Dr. Mukesh Kumar
Associate Professor
IIT Indore



Dr. Shaibal Mukharjee
Associate Professor
IIT Indore

Student Coordinators



Gopal Raut
NSDCS Lab
EE, IIT Indore



Narendra Dhakad
NSDCS Lab
EE, IIT Indore



Neha Maheshwari
NSDCS Lab
EE, IIT Indore



Vasundhara Trivedi
NSDCS Lab
EE, IIT Indore



Varun Bhatnagar
NSDCS Lab
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Sumiran Mehra
NSDCS Lab
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EE, IIT Indore



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