

Inaugural Session: 9 November, 2022



सैक वार्षिक प्रायोजित अनुसंधान समीक्षा  
**SAC Annual Sponsored reseArch Review**

(सैक-असर / SAC-ASAR)

**Inaugural Session**

**9 November, 2022**

अंतरिक्ष उपयोग केंद्र (अं उ कें), अहमदाबाद  
**Space Applications Centre (SAC), Ahmedabad**



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9 - 22 नवंबर, 2022

अंतरिक्ष उपयोग केंद्र (अं उ कें), अहमदाबाद Space Applications Centre (SAC), Ahmedabad

## Inaugural session November 09, 2022 (Wednesday) (Time: 10:00 – 11:30 hrs.)

|               |                                                                  |                                                   |
|---------------|------------------------------------------------------------------|---------------------------------------------------|
| 10:00 - 10:05 | Welcome Address                                                  | : Dr. Parul Patel, Group Director RTCG, SAC       |
| 10:05 - 10:20 | Sponsored Research at SAC                                        | : Dr. Abha Chhabra, RESPOND Coordinator, SAC      |
| 10:20 - 10:30 | Keynote Address                                                  | : Dr. Sudheer Kumar, Director CBPO, ISRO HQ       |
| 10:30- 11:30  | Inaugural Address and Invited Talk on<br>'Research Areas of SAC' | : Shri Nilesh M Desai, Director, SAC              |
| 11:30         | Vote of thanks                                                   | : Smt. Ankita Patel, Scientific Officer RRMD, SAC |

### Web Group Photo

रिसपांड एवं अनुसंधान प्रबंधन प्रभाग  
RESPOND and Research Management Division  
अनुसंधान, बाह्यसंपर्क एवं प्रशिक्षण समन्वय समूह  
Research, Outreach and Training Coordination Group  
प्रबंधन एवं सूचना प्रणाली क्षेत्र/ Management and Information Systems Area





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## Welcome Address by Dr. Parul Patel, Group Director RTCG, SAC







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## Sponsored Research at SAC by Dr. Abha Chhabra, RESPOND Coordinator, SAC



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### SPONSORED RESEARCH @ SAC

- RESPOND / RESPOND Basket
- Space Technology Cells (STC)
- Regional Academic Centres for Space (RAC-S)
- Space Technology Incubation Centres (S-TIC)
- Centre for Nanoscience and Engineering (CeNSE), IISc Bangalore
- Advanced Space Research Group, Indian Institute of Space Science and Technology (IIST), Thiruvananthapuram
- MoE : Uchchatar Avishkar Yojna (UAY)

**DIRECTORY**  
SAC Annual Sponsored reseArch Review  
(सैक-असर /SAC-ASAR) 2022  
November 2022

**Contact Details of Avenue wise Ongoing Projects:**  
RESPOND (57), STC (96), S-TIC (15), UAY (3), CeNSE IISc (1), IIST-ASRG (2)

**INDIA**  
PAN-INDIA participation of Academia  
Sponsored Research @ SAC

**Theme wise Distribution of SAC Sponsored Research Projects**

| Theme      | Number of Projects |
|------------|--------------------|
| STC        | 96                 |
| S-TIC      | 15                 |
| UAY        | 3                  |
| CeNSE IISc | 1                  |
| IIST-ASRG  | 2                  |
| Other      | 57                 |

**Sponsored Research @ SAC**

| Category   | Count |
|------------|-------|
| STC        | 96    |
| S-TIC      | 15    |
| UAY        | 3     |
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| Other      | 57    |

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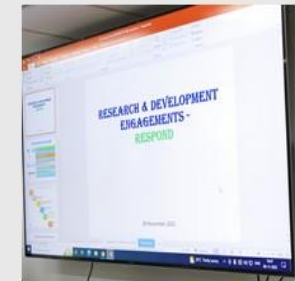
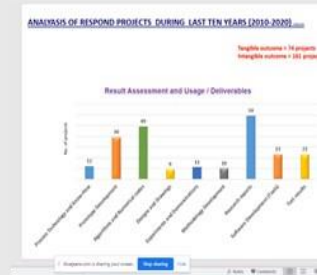
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## Keynote Address by Dr. Sudheer Kumar- Director CBPO, ISRO HQ



### Requirements for ONLINE Submission in "i-grasp" portal



Read the details about submitting proposals/format (sponsored research at [www.isro.gov.in](http://www.isro.gov.in)) etc

1<sup>st</sup> step is registration of College

NGO Darpan ID & PAN of the institution

Savings bank details of the institute (PFMS)

Detailed Bio-data of the PI and CO PIs (.pdf)

In RESPOND Basket -selection of projects

Scanned copy of the Declaration Form (form C)

Online submission with complete details







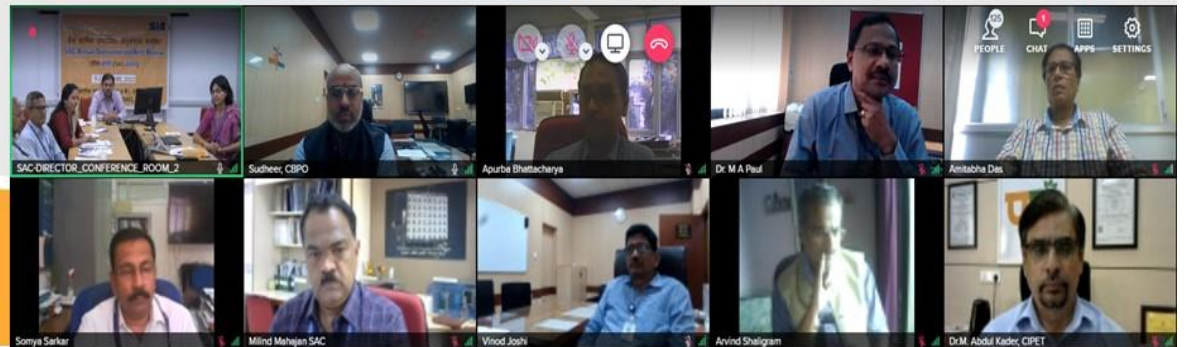
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## Inaugural Address and invited talk on 'Research Areas of SAC' by Shri N M Desai, Director, SAC







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## Vote of Thanks by Smt. Ankita Patel, Scientific Officer RRMD, SAC







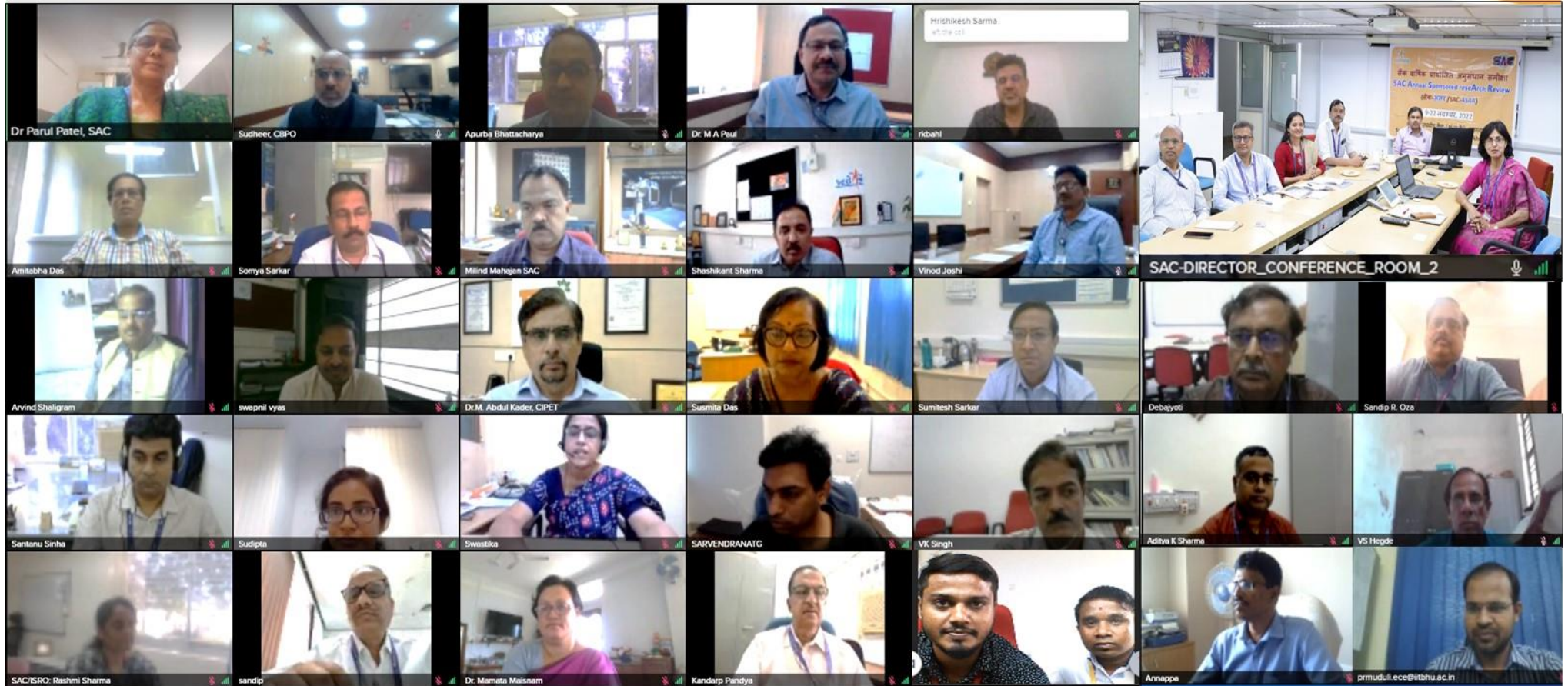
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## Web Group Photo





**Day 1 - November 09, 2022 (Wednesday)**  
**Session-01-A: Human Spaceflight and Advanced Technology**  
**Chair: Shri D K Singh, DD HSTA**





**Day 1 - November 09, 2022 (Wednesday)**  
**Session-01-B: Human Spaceflight and Advanced Technology**  
**Chair: Shri D K Singh, DD HSTA**





# Day 2 – November 10, 2022 (Thursday)

## Session-02: SatCom - SatNav Technology

### Chair: Shri Sumitesh Sarkar, DD SNPA





# Day 3 - November 11, 2022 (Friday)

## Session-03: SatCom-SatNav Applications

### Chair: Dr. K K Sood, DD SSAA





**Day 4 – SIPG - November 12, 2022 (Saturday)**

**Session-04: RS-Data Products & IP**

**Chair: Shri Debajyoti Dhar, GD SIPG**





**Day 5 – MESA - November 14, 2022 (Monday)**  
**Session-05: Mechanical Systems**  
**Chair: Shri Anand Vishnuprasad Pathak, DD MESA &**  
**Shri Arup Kumar Hait, GD, MPMG, MESA**





## Day 6 – ASG - November 15, 2022 (Tuesday)

### Session-06: Antenna

**Chair: Dr. Milind Mahajan, GD ASG**





## Day 7 - SEDA - November 16, 2022(Wednesday)

### Session-07: Electro-Optic Technology

Chair: Shri Somya S Sarkar, DD SEDA





## Day 8 – MRSA - November 17, 2022 (Thursday)

### Session-08: Microwave Technology

Chair: Dr. Ch. V Narasimha Rao, DD MRSA





**Day 8 – MISA - November 17, 2022 (Thursday)**  
**Session-09: Management and Information System Research**  
**Chair: Shri Vivek Singh, DD MISA**





## Day 9 – ESSA - November 18, 2022 (Friday)

### Session-10: Electronic Systems

Chair: Shri Apurba N Bhattacharya, DD ESSA





## Day 9 – SRA - November 18, 2022 (Friday)

### Session-11: Reliability Testing

Chair: Ms. Shilpa Pandya, GD, SRA-EQAG





**Day 10 – EPSA - November 21, 2022 (Monday)**  
**Session-12-A: Earth, Ocean, Atmosphere, Planetary Sciences & Applications**  
**Chair: Dr. Rashmi Sharma, GD EPSA-AOSG**





**Day 10 – EPSA - November 21, 2022 (Monday)**  
**Session-12-B: Earth, Ocean, Atmosphere, Planetary Sciences & Applications**  
**Chair: Dr. Rashmi Sharma, GD EPSA-AOSG**





**Day 11 - EPSA - November 22, 2022 (Tuesday)**  
**Session-12-C: Earth, Ocean, Atmosphere, Planetary Sciences & Applications**  
**Chair: Dr. Rashmi Sharma, GD EPSA-AOSG**





**Day 11 - EPSA - November 22, 2022 (Tuesday)**  
**Session-12-C: Earth, Ocean, Atmosphere, Planetary Sciences & Applications**  
**Chair: Dr. Rashmi Sharma, GD EPSA-AOSG**





## Valedictory Session: 22nd November 2022



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## Valedictory Session : 22<sup>nd</sup> November 2022







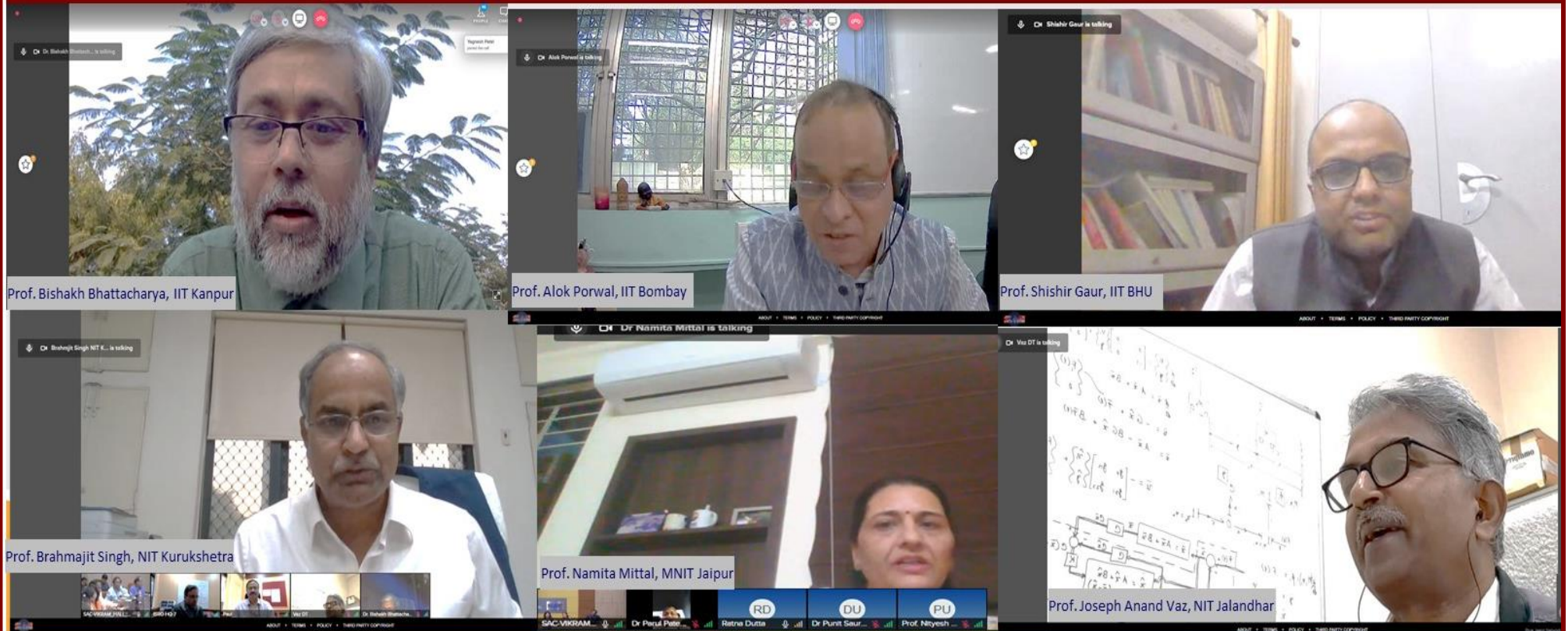
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## Valedictory Session : 22<sup>nd</sup> November 2022



## Remarks from Academia Convenors/ Coordinators





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## Valedictory Session : 22<sup>nd</sup> November 2022



Dr. M A Paul, Associate Director, RESPOND & AI

Shri Nishant Kumar, Deputy Director, HRD & Incubation

## Remarks by Capacity Building and Public Outreach (CBPO) /ISRO-HQ





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## Valedictory Session : 22<sup>nd</sup> November 2022



### Remarks by Session Chairs / Review committee member

Left to Right → Shri D K Singh, Shri Sumitesh Sarkar, Dr. K K Sood, Shri Debajyoti Dhar, Shri Anand Vishmuprasad Pathak, Dr. Milind Mahajan, Shri Somya S Sarkar, Dr. Ch. V Narasimha Rao, Dr. Parul Patel, Shri Apurba N Bhattacharya, Ms. Shilpa Pandya, Dr. Rashmi Sharma





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Valedictory Address by PadmaShri, Shri A S Kiran Kumar, Member Space Commission and Former Chairman ISRO





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## Valedictory Session : 22<sup>nd</sup> November 2022



Concluding Remarks by  
Shri N M Desai, Director SAC



Remarks by Shri K S Parikh,  
Associate Director (R&D) SAC





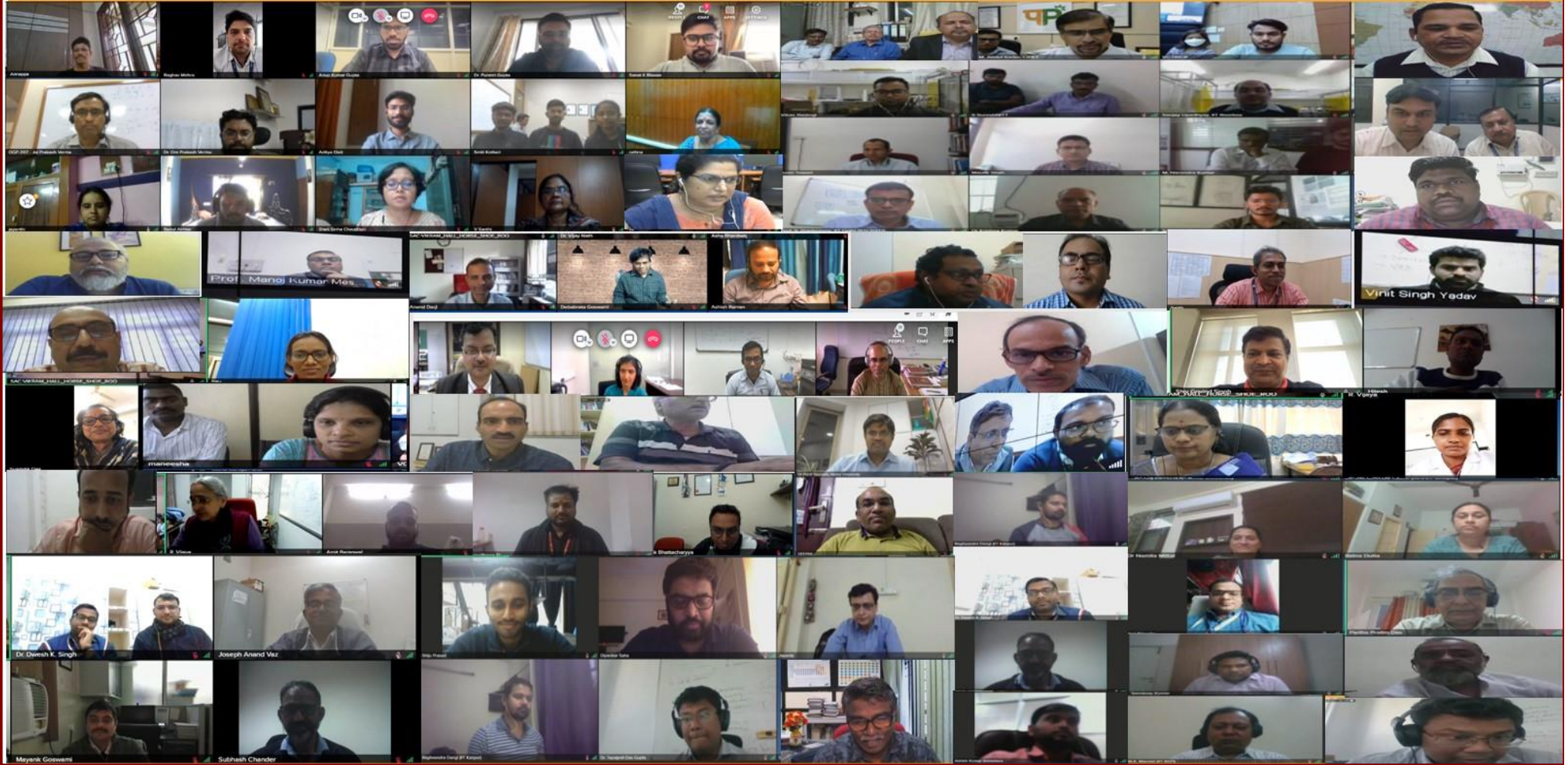


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