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ISTE Chapter Inauguration and Technical Seminar on

“The Future of Manufacturing – Metal Additive Manufacturing”

In association with **DYNAMECH, ISTE, IIEC, and IQAC – MVJCE**

Date and Time of the Event	30 April 2022, 10.00 am to 12.30 pm
Title of the Event	ISTE Chapter Inauguration and Technical Seminar on “The Future of Manufacturing – Metal Additive Manufacturing”
Number of Sessions	01
Chief Guest	Dr. T Ram Prabhu, Deputy Director and Senior Scientist , DRDO, Bangalore
Resource Speakers	Dr. T Ram Prabhu, Deputy Director and Senior Scientist , DRDO, Bangalore
Organized by	Department of Mechanical Engineering, in association with DYNAMECH, ISTE, IIEC, and IQAC – MVJCE
Venue	Smt. Rajalakshmi Jayaraman Seminar Hall

Additive manufacturing (AM) is a transformative approach to industrial production that enables the creation of lighter, stronger parts and systems. Metal Additive Manufacturing offers the possibility to produce complex parts without the design constraints of traditional manufacturing routes. The Metal Additive Manufacturing is evolving to be the future of manufacturing in the current scenario.

In this purview, the Department of Mechanical Engineering, in association with Indian Society for Technical Education (ISTE – Karnataka Section), Institution’s Innovation and Entrepreneurship Council (IIEC), and Internal Quality Assurance Cell (IQAC) – MVJCE, organized a Technical seminar under the banner of ISTE chapter of the department of Mechanical

Engineering on “**The Future of Manufacturing – Metal Additive Manufacturing**” at **Smt. Rajalakshmi Seminar Hall** on 30th April 2022 from 10.00 AM to 12.30 PM. The technical seminar was designed to provide insights into the basics and application of Metal Additive Manufacturing. A total of 164 participants (148 students belonging to the final year and pre final year and 16 faculty members belonging to the department of mechanical engineering) benefited from this program.

Dr. Vivekanand B Huddar, HOD & Convenor of the event welcomed the Chief Guest, Speakers and all participants to the program. Distinguished Principal of MVJ College of Engineering, Dr. P Mahabaleswarappa, highlighted the importance of ISTE chapter and gave an insight into the topic of the Technical seminar organized under the banner of ISTE. He also highlighted the importance of Additive Manufacturing for advanced engineering applications to students and faculty members.



Photograph – 1: Dr. P Mahabaleswarappa, Principal, MVJCE, welcoming the Chief Guest Dr. T Ram Prabhu, Deputy Director and Senior Scientist, DRDO.



Photograph – 2: Dr. T Ram Prabhu, Deputy Director and Senior Scientist, DRDO, Bangalore inaugurating the ISTE chapter by lighting the lamp.

Chief Guest, Dr. T Ram Prabhu, Deputy Director and Senior Scientist, DRDO, Bangalore gave a presentation encompassing of the topics of Metal Additive Manufacturing – Introduction, Advantages, Challenges and the latest applications and called upon the faculty members, research scholars and students to understand the need for Metal Additive Manufacturing for Industry 4.0. He further highlighted the features of LASER bed fusion process and the material grades that can be used by the students for their projects. The technical session was followed up by the Question and Answer session, wherein the students eagerly asked questions to the speaker and the speaker responded to the questions with renewed interest and enthusiasm. The chief guest appreciated the inquisitiveness of the young minds of the students of the department of Mechanical Engineering, MVJCE.



Photograph – 3: Participants eagerly listening to the guest talk by Dr. T Ram Prabhu, Deputy Director and Senior Scientist, DRDO.

Valedictory Session

Dr. Vivekanand B Huddar, Professor and Head, Department of Mechanical Engineering, presided over the valedictory function. Dr. Sunil Shankar Waddar, Associate Professor, Department of Mechanical Engineering MVJCE gave an overview of the different sessions and proposed the vote of thanks and expressed the heartfelt gratitude to the Management, Principal, Vice Principal, COE, Registrar, HoD of Mechanical Engineering Department and the Organizing committee, Resource speakers and all the participants.

Outcome of the Technical Seminar:

The event has enlightened the opportunities available in Metal Additive Manufacturing. The sessions have provided scope for establishing the center of excellence in Additive Manufacturing and given new ideas for faculty members to carry out their research activities.

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*Cordially Invites You
to the*

**ISTE CHAPTER INAUGURATION
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TECHNICAL SEMINAR
ON
THE FUTURE OF MANUFACTURING -
METAL ADDITIVE MANUFACTURING
BY
Dr. T Ramprabhu,
Dy. Director and Senior Scientist,
DRDO, Bangalore
Organized by
Department of Mechanical Engineering
Presided by**

Dr. P. Mahabaleswarappa Principal, MVJCE, Bangalore	Dr. M. Brindha Vice Principal, MVJCE, Bangalore	
Venue Smt. Rajalakshmi Seminar Hall	Date 30.04.2022	Time 10:00 AM

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Photograph – 4 : Invitation of the Event