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### **For Registration:**

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### **Registration Link:**

<https://forms.gle/C4BpGPYZGgDvVqj19>

### **CSIR-AMPRI, Bhopal:**

CSIR-Advanced Materials and Processes Research Institute (AMPRI), Bhopal is constituent laboratory of Council of Scientific and Industrial Research under Dept. of Scientific and Industrial Research, Dept. of Science and Technology, Govt. of India. CSIR-AMPRI, Bhopal (Erstwhile RRL Bhopal) was instituted in May 1981. The overall objective of AMPRI is to achieve a world-class status in the area of engineering materials, component and process development. The current activities of AMPRI are broadly categorized under Lightweight Materials, Nanostructured Materials, Smart and Functional materials Waste to Wealth and CSIR-800. CSIR as whole is ranked 37th among 1587 government institutions worldwide and is the only Indian organization among the top 100 global government institutions, according to the Scimago Institutions Ranking World Report 2021.

### **Oriental Institute of Science and Technology, Bhopal:**

Oriental Institute of Science and Technology (OIST) began its educational pursuit in 1995 and developed itself into an internationally acclaimed Institute with world class infrastructure, highly experienced and motivated faculty, superb industry focus, competitive passion, cutting edge expertise and a galaxy of top rankers to our credit, we have a distinctive edge in the area of Technical education. The Institute is extended over an area of 17 acres, depicts a rare blend of modern and ancient architecture creating an ideal environment for academic excellence through its lush green surroundings, state of the art labs and centres of Excellence in various disciplines.

### **Additive Manufacturing and Applications:**

Additive Manufacturing (AM) is a process in which a 3D object is built from a Computer-Aided Design (CAD) model, usually by successively adding materials in a layer-by-layer fashion. AM uses CAD models or scanned models as the input to guide the hardware to deposit materials. Initially seen as a process for concept modelling and rapid prototyping, AM has expanded over the last decade to include applications in many areas of our lives. From prototyping and tooling to direct part manufacturing in industrial sectors such as medical, architectural, dental, aerospace, furniture, automotive, jewellery, construction and other innovative applications.

### **Beneficiaries:**

**B. Tech, M. Tech, Ph.D. Scholars and Researchers.**

**CSIR-AMPRI, Bhopal**

*and*

**Oriental Institute of  
Science & Technology,  
Bhopal**

*Jointly offers*

*Hands on Workshop*

*on*

***“Additive Manufacturing and  
its Application”***

*Under*

**CSIR- Integrated Skill Initiative  
Programme**

*during*

**September 19-21, 2022**

*Venue*

**Civil Engineering Department**

***Oriental Institute of Science and  
Technology, Bhopal***



**CSIR-AMPRI, Bhopal**



**OIST, Bhopal**