



## 3<sup>rd</sup> International Symposium on 3D Printing Technology towards Industry 4.0 – 2021 (IS3DPT 4.0 - 2021)

Date: 12 – 13<sup>th</sup> August, 2021(Revised)

Institute of Engineering & Management is happy to host 3<sup>rd</sup> International Symposium on 3D Printing Technology towards Industry 4.0 – 2021. The symposium will provide a forum for sharing of knowledge among researchers: offering deeper insight into the topic. Creating awareness in the latest field of additive manufacturing for industry 4.0 is among the objectives of this event. 3<sup>rd</sup> IS3DPT4.0-2021 looks to bring together and support gifted and enthusiastic researchers in carrying their work forward.

The production technology landscape is in the throes of changes, brought about by additive manufacturing technology. 3D printing is a frontier technology that promises to increasingly revolutionize production processes in the not too distant future; in terms of sustainable manufacturing, efficient production, better design techniques and more sophisticated infrastructure. India, with its skilled and tech savvy workforce and robust legal and IPR regime, is poised to be the next manufacturing destination of the world. This manufacturing growth will be driven in no small measure by new manufacturing processes and innovative design for achieving Industry 4.0. 3<sup>rd</sup> IS3DPT4.0 - 2021 Kolkata intends to bring together leading researchers of additive manufacturing from around the world to interact and share their research and ideas with each other. We believe this symposium will play a key role in bridging the gap between dispersed knowledge groups.

**Kindly submit an abstract within 250 words by 24.07.2021 (Extended).**

**Selected Full Papers will be published as a book chapter by CRC Press - Taylor & Francis**

### How to Participate?

1. Submission of abstracts through the website (<https://3dpolympiad.com>)
2. Acceptance of abstract
3. Submission of full paper through website
4. Register with requisite fee
5. Attending the symposium

### Abstracts are invited on any topic associated with Additive Manufacturing and Industry 4.0

1. Novel additive manufacturing processes
2. New materials and multi-material for 3D printing
3. Hybrid additive and conventional manufacturing
4. Medical applications of 3D printing and bio-printing
5. Application of 3D printing in education
6. Material mechanical properties
7. Rapid tooling, remote manufacturing
8. Advances in personal 3D Printers and consumer adoption
9. Smart Manufacturing
10. Industry 4.0 - Strategy and Operations
11. Applications of 3D printing in healthcare
12. Distributed manufacturing
13. Case studies on Smart machining system
14. Smart factories and Industry 4.0 for MSMEs and SMEs
15. Performance Management in Industry 4.0
16. 3D printing in Biomaterials and Bio Printing
17. Metal 3D Printing
18. Additive Manufacturing in Automobile Industry
19. 3D Printing in Construction Industry

### Abstract submission guidelines:

1. Download the word template.
2. In the template provided, you should click and enter text directly.
3. Complete all fields: Title, Name (if multiple authors then separate names by comma), Abstract, keywords.
4. Make sure that Title is in Times New Roman, font size 14 (Bold), center aligned; all letters capital only.
5. Author's names should be in Times New Roman, font size 12, italicized, right aligned and followed by affiliation in the next line
6. Abstract should be of 200-250 words.
7. After completing the above procedure save your file as "LastName- FirstName\_ IS3DPT4.0-2021\_ Title of paper"

(Last name and first name of the first author written in abstract) in word's default file format (.docx/.doc) and upload it to the website under Symposium section"

<https://3dpolympiad.com/symposium.php>

### Note

1. All registered papers will be published as an abstract proceedings book with ISBN number.
2. **Selected Full Papers will be published by CRC Press- Taylor & Francis**
3. Selected papers will be published in special issues of Journal
4. Best Paper Awards



### Full paper submission guidelines:

1. Download the word template.
2. In the template provided, you should click and enter text directly.
3. Complete all fields
4. Make sure that Title is in Times New Roman, font size 14 (Bold), center aligned; all letters capital and proper names only.
5. Author's names should be in Times New Roman, font size 12, italicized, right aligned and followed by affiliation in the next line.
6. The papers should have following subsection Abstract, Introduction, Materials and methods, discussion and results, conclusions and Reference (in APA Format). Maximum 9 pages allowed for each paper.
7. After completing the above procedure save your file as "Paper Id (as allocated)" in word's default file format

(.docx/.doc) and upload it to the website under symposium section (<https://3dpolympiad.com>).

### Registration Guidelines:

1. Each paper must have a registered author.
2. All payments to be done through payment gateway provided under registration.

### Important Dates (Revised)

Deadline for Abstract Submission: 24<sup>th</sup> July, 2021  
 Intimation of Accepted Abstract: 25<sup>th</sup> July, 2021  
 Deadline for Full Paper Submission: 28<sup>th</sup> July, 2021  
 Intimation of accepted full paper: 5<sup>th</sup> August, 2021  
 Registration Deadline: 25<sup>th</sup> July, 2021  
 Date of Symposium: 12 - 13<sup>th</sup> August, 2021

### Registration Fees

Category of organization, Delegate Participation, Type of organization	Fees payable for	
	Indian Delegate	Foreign Delegate
Delegate from Industry/Govt. Dept./PSU	INR 3000	USD 150
Delegate from Academics/ R&D organization/Research Scholars	INR 2000	USD 110
UG & PG Student (Must be Co-authored by Supervisor)	INR 1500	USD 70

### Eminent Speaker

Professor (Dr.) Prasanta Kumar Dey, Aston University, United Kingdom  
 Professor (Dr.) Frederik Claeysens, The University of Sheffield, United Kingdom.  
 Prof (Dr.) Uday Shanker Dixit, Indian Institute of Technology Guwahati

Prof. (Dr.) Priyanka Roy, University of Hertfordshire, Hertfordshire, United Kingdom  
 Prof. (Dr.) Biswanath Doloi, Jadavpur University, Kolkata, India

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 Dr. Kalyan Das, Institute of Post-Graduate Medical Education & Research and SSKM Hospital, Kolkata, India

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