

“BIOMEDICAL APPLICATIONS OF ADDITIVE MANUFACTURING USING MEDICAL IMAGE PROCESSING (BAAM-MIP)”

Schedule: during March 07-11, 2020

Registration: 8:30-8:50, Inaugural: 8:50-9:00

Day	09:00-11:00	11:00 11:10	11:10-13:10	13:10 13:50	13:50-15:50	15:50 16:00	16:00-18:00	20:00-22:00		
Day 1 March 7, 2020 Saturday	Additive Manufacturing Process and Biomedical Applications	Tea Break	Basic tools and techniques for Biomedical Image Processing	Lunch Break	Data Preparation for AM Process	Tea Break	Biomedical Image Processing using MATLAB			
	Dr. PKJ		Dr. AS		Dr. PKJ		Dr. AS			
Day 2 March 8, 2020 Sunday	MATLAB Interface, Arrays, Functions, Decision making		3D models in neurosurgical training: current status		Recent advances in Porous Scaffold Design		Machine Learning for Biomedical Applications	Basic Tools and Interface of MAGICS	Pre-processing of solid model using MAGICS	
	Dr. PKK		Dr. MS		Dr. HSN		Dr. PKK	Dr. PKJ	Mr. PU	
Day 3 March 9, 2020 Monday	Basic Tools and Interface of MIMICS		3D modelling using MIMICS				Design and Development of Club Foot Devices: A case study	Adding third dimension to endodontics: What the future beholds	Technological Issues in AM	
	Dr. PKJ		Mr. PU				Dr. KJS	Dr. NG	Dr. PKJ	
Day 4 March 10, 2020 Tuesday	Slicing Procedure for Additive Manufacturing	Future innovative designs using Additive Manufacturing	Design Development and Preclinical advances in Medical Adhesives	Orthosis and Prosthesis: Challenges and Possibilities	Issues and challenges in 3D printing of typical components					
	Dr. PKJ	Dr. PKJ	Dr. HSN	Dr. AKS	Dr. PKJ					
Day 5 March 11, 2020 Wednesday	Designing Orthopaedic Implants with Desired Porosity using Intra lattice	Technological Innovations in Biomedical Product Development and Prototyping		Slicing Procedure Implementation using MATLAB	Stereolithography in Oral and Maxillofacial Surgery	Certificate distribution and Valedictory				
	Dr. AKS	Prof. PT		Dr. PKJ	Dr. RD					

Venue: VH Conference Hall.

Speakers:

PKJ: Dr. Prashant Kumar Jain
 AS: Dr. Anurag Singh
 PKK: Dr. Pavan K. Kankar
 MS: Dr. Mallika Sinha
 HSN: Dr. Himansu Sekhar Nanda
 PU: Mr. Piyush Ukey

Speakers:

KJS: Dr. Kanwaljit Khas
 NG: Dr. Niharika Gupta
 AKS: Dr. Amit Kumar Singh
 PT: Prof. Puneet Tandon
 RD: Dr. Rajesh B. Dhirawani

Volunteers:

GS: Mr. Gourav Sharma, MATLAB
 SG: Mr. Sagar Gawali, MAGICS
 ND: Ms. Nidhi Dixit, MIMICS
 AA: Mr. Aftab Aalam, MIMICS
 AB: Mr. Arpit Bajpai, MAGICS
 RK: Mr. Rishi Kumar, MATLAB