

PMSC 2022: DAYWISE SCHEDULE (21st -24th Sept 2022)

Virtual Platform: Microsoft Teams

OVERVIEW

Sessions	Session Name	Lecture No.	TIME	TOPIC	Speaker
Day 1 (Wednesday , 21 Sept 2022) (Teams Link: Join on your computer or mobile app: Click here to join the meeting)					
Session 1	INAUGURATION		10.00-10.45	Inaugural Function	
Session 2	OVERVIEW	1	11.00-12.00	Overview of Powder Metallurgy and Particulate Materials Technology	N.L.Chandrachud, Consultant
	OVERVIEW	2	12.15-1.15	High Density, High Performance PM Materials Processing	N.L.Chandrachud, Consultant
BREAK					
Session 3	OVERVIEW	3	2.00-3.00	Maintaining Quality in PM Manufacturing	Rajendra Sethiya, GKN
	PM MANUFACTURING	4	3.15-4.15	Mechanical and Solution Methods of Powder Production for PM	Dr. K. Murli Gopal, Novoken Innovations
	PM MANUFACTURING	5	4.30-5.30	Manufacturing Techniques for Commercial Iron Powders	M. Nipanikar, Hognas India

COMPACTION MANUFACTURING

Sessions	Session Name	Lecture No.	TIME	TOPIC	Speaker
Day 2 (Thursday , 22 Sept 2022) (Teams Link: Join on your computer or mobile app: Click here to join the meeting)					
Session 1	CHARACTERIZATION	6	10.30-11.30	Powder Characterization	Dr. V. S. Poddar, NIAMT
	COMPACTION	7	11.45-12.45	Design and fabrication of Tooling for PM	Sanjay Rastogi, Consultant
BREAK					
Session 2	COMPACTION	8	1.15-2.15	Consolidation of Powders: Binders, Lubricants & Sintering Aids	Dr. Syam Babu, BARC
	COMPACTION	9	2.30-3.30	Fabrication / Shaping Methods for Advanced Ceramics and Composites	Dr. Deep Prakash, BARC
BREAK					
Session 3	SINTERING	10	3.45-4.45	Thermal Methods of Powder Production for PM	Dr. T . Mahata, BARC
	SINTERING	11	5.00-6.00	Thermal Consolidation of Powders– Sintering Fundamentals	Dr. N.B. Dhokey, COEP

SINTERING

Sessions	Session Name	Lecture No.	TIME	TOPIC	Speaker
Day 3 (Friday , 23 Sept 2022) (Teams Link: Join on your computer or mobile app: Click here to join the meeting)					
Session 1	SINTERING	12	10.30-11.30	Furnaces for Sintering & Heat Treatment	N. Gopinath, Fluidtherm
	SINTERING	13	11.45-12.45	Sintering of Some Commercial Ceramics	Dr.S. P. Butee, COEP
BREAK					
Session 2	SECONDARY PROCESSING	14	1.15-2.15	Surface Engineering of PM Components	Dr. Karandikar
	SECONDARY PROCESSING	15	2.30-3.30	PM parts Heat Treatment	Dr. N.B. Dhokey, COEP
BREAK					
Session 3	PM APPLICATIONS	16	3.45-4.15	PM Porous Materials	Dr. K. Murli Gopal, Novoken Innovations
	PM APPLICATIONS	17	4.30-5.30	Biomaterials	Dr. Malobika Karanjai, ARCI

SEC. PROCESS

Sessions	Session Name	Lecture No.	TIME	TOPIC	Speaker
Day 4 (Saturday , 24 Sept 2022) (Teams Link:Join on your computer or mobile app: Click here to join the meeting)					
Session 1	PM APPLICATIONS	18	10.30-11.15	Bond Matrices in Diamond Cutting Tools	Dr. Vivek Singal, Sharp Diamond
	PM APPLICATIONS	19	11.30-12.15	Spray Forming and Powder Production	Dr. Vipin Shrivastava, NML Jamshedpur
BREAK					
	PM APPLICATIONS	20	1.15-2.00	Friction Materials	Dr. Malobika Karanjai, ARCI
	PM APPLICATIONS	21	2.15-3.00	Metal Injection Molding	Dr. Vijay Thavale, COEP
BREAK					
Session 3	PM APPLICATIONS	22	3.15-4.00	Additive Manufacturing and PM	Dr Deepak Pattanayak. CSIR-CECRI
	PM APPLICATIONS	23	4.15--5.00	Emerging Alloys in PM	Dr. Bharat Panigrahi, IIT Hyderabad
	PM STANDARDS	24	5.15-5.45	Overview of PM Standards	Dr. Kaustubh Kambale, COEP
	VALEDICTORY		6..00-6.30	Valedictory function	

APPLICATIONS