

Brainstorming meeting on Biofabrication & 3D Bioprinting

(Date: **March 30, 2016** , Venue: **Room 301, Bharti School, IIT Delhi**)

1. **Welcome & Opening Remarks by Dr. Alka Sharma, Director, DBT: 9:30 am**
2. **Introductory Remarks by the Chairman, Prof. D. Balasubramanian, LVPEI, Hyderabad**
3. **Presentation by the members/participants**

	Presenter	Session	Time
1.	Prof. Antony Atala (Pre-recorded Video talk)	3D Bioprinting- MOU with DBT	9:40 - 9:55 am
2.	Dr Santanu Dhara (IIT Kharagpur)	A simple direct printing of hybrid scaffold for bone tissue engineering	9:55 – 10:20 am
3.	Prof. Bikramjit Basu (IISc Bangalore)	Challenges in 3D printing of metallic and ceramic based scaffold for bone tissue engineering applications	10:20 – 10:45 am
4.	Prof. Jean-Michel Molenaar (Fab Lab, MIT, Tufts University) (Pre-recorded Video talk)	Experience of Fab lab	10:45 - 11:00 am
5.	Dr. Sourabh Ghosh (IIT Delhi)	Silk-based bioink for 3D Bioprinting	11:00-11:25 am
6.	Dr. Falguni Pati (IIT Hyderabad)	Biomimetic 3D Tissue Printing	11:25 - 11:50 am
7.	Mr. Anil Nagri (JUST3D)	How 3D Service bureau can enable Medical/Research domain	11:50 – 12:10 Noon
8.	Mr. Tanmay Sethi (aha3D)	Developing bio 3DP machines	12:10- 12:30 pm
9.	Dr. Subha Narayan Rath (IIT Hyderabad)	Differential 3D-stem cell printing to stimulate their in situ differentiation	12:30- 12:50 pm
10	Dr. Neetu Singh (IIT Delhi)	In situ pH responsive gel for 3D cell microenvironment	12:50- 1:00 pm
Lunch Break 1:00 – 2:00 pm			
11	Prof. Marcy Zenobi-Wong (ETH Zurich) (Video Conf)	Cartilage BioPrinting	2:00 - 2:30 pm CET 10:30 am
12	Prof. Michael Gelinsky (TU Dresden, Germany) (Video Conf)	Versatile approaches to extrusion-based additive manufacturing of scaffolds and tissue engineering constructs	2:30 – 3:00 pm (CET 11:00 am)
13	Remarks by Prof K VijayRaghavan, Secretary, DBT		3:00 – 3:15 pm
14	Conclusion & Recommendations		