

National Conference of Medical Tissue Bioengineering

**Date: 7-8
September, 2018**

Venue:

CP Govila Auditorium,
KG Medical University



OUR PATRON



Patron :
Prof MLB Bhatt,
VC KGMU



Co Patron :
Prof Shadab Mohammad,
Dean FODS, KGMU

About the conference:

King George's Medical University is a nationally and internationally acclaimed leader in the field of medical education & research. KGMU takes pride in taking the lead in newer frontiers of medicine. In spirit of the same, KG medical university is organizing first national conference on Medical Tissue Bioengineering on 7-8th September, 2018 at KGMU.

The 21st century is known as Biological Century because several technological breakthroughs in the medical and industrial spheres are expected with heavily funded research programs in most countries of the world. Advances in the fields of biology and medicine, such as 3D printing, stem cells and human genomics have propelled idea of creation cell and organ in the lab. This has led to a critical change in many industrial segments and strengthened the medical engineering profession. Although the traditional areas of engineering and other technology innovations are underway and more new opportunities will arise in biomedical engineering and in the fields of biology, medicine, health and delivery of health care but there is general lack of co-ordination across disciplines. Keeping in view the latest trends in the area, the conference will impart a fundamental understanding on a range of topics within the domain of Medical Tissue Bioengineering specially 3 D printing, various medical tools and stem cells in exploring the current state of research and development.

Concept and application of topic is required before any meaningful hand-on experience on topic is done. Possibilities of joint efforts in Teaching and Research will be the main agenda during the conference. The aim of this First conference is to bring expertise across the world to help build a top-quality programme highlighting collaboration, interactivity and innovative thinking in the research & management of tissue bioengineering.

Young Investigators, clinicians and researchers in field of medicine and engineering are the target audience for getting an exposure to world leader ideas and their experience. This will boost them in taking up active role either as clinicians or researchers in the future.

The conference is hosted in picturesque city of Lucknow with its characteristic art and cuisine. I welcome you all to join the event and gain maximum out of it.



Prof Divya Mehrotra
Organizing Chairman

Schedule Day 1

Time	Topic
10:00 – 10:30	3D Printing : Reddington Company Expert
10:30 - 11:00	Biomaterials in 3 D printing: Desirabilities and Challenges : Prof. Pradeep Srivastava, IIT BHU
11:00 - 11:30	Role of stem cells in tissue engineering: Dr Satyendra, CFAR, KGMU
11:30 – 12:00	3D Printing a Solution to Facial Rehabilitation : Prof Divya Mehrotra, KGMU
12:00 – 12:30	Simulation Platform in H&N Surgery: A Research Tool - Dr Peter,UK
12:30 – 13:00	Reconstruction of Donor Facial Allograft Patients using a 3D Bioplotter: Dr. Dominique, UK
	Lunch 13:00 – 14:00 pm
14:00 – 16:30	Paper Presentations

Day 2

Time	Topic
10:00 - 10:30	Materials, biocompatibility and Challenges in Tissue Bioengineering : Prof DN Katti, IIT Kanpur
10:30 - 11:00	GxPs in Biological Laboratory : Dr Rahul Pandey, KGMU
11:00 - 11:30	Scaffold Design for Engineering Complex Tissues : Dr. Sourabh Ghosh, IIT Delhi
11:30 - 12:00	Tissue engineering and regenerative medicine: Dr Shailendra Saxena, CFAR, KGMU
12:00 - 12:30	Bioengineering a Human Face Graft : Dr Anand Shukla, KGMU
12:30 - 13:00	Role of BMP in Tissue Engineering: Prof Amitabha Bandyopadhyay, IIT Kanpur
13:00 – 13:30	Ethical Dilemmas in Tissue Bioengineering: Dr Sumit Kumar, KGMU
	Lunch 13:30 – 14:30 pm
14:30 – 16:30	Paper Presentations

Venue : CP Govila Auditorium, FODS, KGMU

Registration : Rs 2000 per delegate.

Registration fee can be paid via DD in favour of "Research in oral & MF surgery" payable at FODS, KGMC, Allahabad bank, Lucknow, NEFT can be made at **A/C no 2114447661 IFSC Code : ALLA0212089**

Neatly typed abstract in format available at site <http://kgmudhrmru.in/> are solicited from all participants. Last date for abstract submission: 16 August, 2018

For details contact:

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More information available at <http://kgmudhrmru.in/>

Registration form in as follows:

National Conference on Medical Tissue Bioengineering

7-8 September, 2018

CP Govila Auditorium , KGMU

Name of Participant :

Institute Affiliation & Address :

Email & Phone number :

Abstract Submitted : Yes / No

Title of abstract :

Registration fee Payment Details :

1. DD/NEFT
2. Date of Transaction/DD Issuing
3. DD No/Transaction No

Organizing committee

Patron : Prof MLB Bhatt, VC KGMU

Co Patron : Prof Shadab Mohammad , Dean FODS, KGMU

Organizing Chairman: Prof Divya Mehrotra

Organizing Secretary : Dr Rahul Pandey

Joint Secretary & Treasurer : Dr Sumit Kumar

Advisers:

Prof R K Garg

Prof Arun Chaturvedi

Prof MM Goel

Prof Pradeep Tandon

Prof AP Tikku

Prof Shaleen Chandra