



**Panjab University**

**National Discussion Meet**

**On**

**‘Research: Innovation and Work Plan’**

**October 16-17, 2014**

**Venue: Golden Jubilee Hall**

**Patron**

**Prof. Arun K. Grover**

**Vice-Chancellor, Panjab University**

**Prof. Pratibha Nagpal**

**Coordinator**

**Dr. Swarnjit Kaur**

**Convener**



## Concept Note

All the progress and development in the world around us is not from the text book, rather growth has been achieved by storming the boundaries of convention and spearheading innovation. Today we know the difference between living and non living and are trying to breach limits so that the latter can be used and tamed to be the former. Ever since an important component of matter, the electron was discovered by J.J. Thomson in a laboratory that had some vacuum tubes, wires and magnets, the inherent thought process of mankind paved the way for identifying the so called “God Particle” (Higgs Boson) using a supercollider — a 17-mile-long machine that costs several billion dollars using the best brains of the world. Likewise, in biological science, ever since Gregor Mendel, a middle-aged European monk counting peas in the abbey garden, began his investigation of plant genetics in the 1800s, the science evolved to the next level. And more than 200 years later, today we have reached the level of correcting genetic errors. We are in a position to grow organs in the lab and the day is not far when the cloning of our loved ones would be a reality. We now have more robust data analysis techniques, more refined equipment for assembling observations and executing our experiments equipped with more sound knowledge and in greater depth. Through research and experimentation, we can today help those who were earlier stigmatised because they stammered or were slow in learning. Research has always been dynamic and has been evolving continuously. The widening of the horizons of research has necessitated the amalgamation of different disciplines so that the best can be harnessed for the benefit of society. No field can grow in isolation; it is now high time that the curriculum is developed with a multidisciplinary and research-friendly approach so that growth is both effective and sustainable.

What does research need? Once we answer this question effectively, we can put in place a set of procedures and practices to optimise research in any university. In order to achieve this in the most productive fashion, all the stakeholders must first accept the fact that a researcher is not like any other post graduate student. Researcher working on a hypothesis is driven by passion for the field along with zeal and inspiration. To keep this drive strong, a scholar will require a definite set of procedures and a dedicated sequence of individuals to make the journey a fruitful one. The complete process right from the moment of entry, to the management of a dedicated living space for all researchers, the synergetic support of a set of encouraging supervisors along with cutting edge facility and support across all levels of daily needs, research needs, all round development and recreation requires brainstorming and decision making of a high standard and rigour. The curriculum must give a space to the student where he or she could have sufficient time, infrastructure and resources to think and innovate and at the same time be sure that the effort will ultimately create livelihood and improve the quality of life. Universities must aim towards specific goal oriented research, relevant to national need or specific to region. The innovation is the hall mark for success. The curriculum thus must provide challenge to the students where thoughts are to be jotted down to virtual experimentation and executed to a level so that a sound, sustainable & ethics oriented academia-industry interface could be developed. It is thus a high time that we all must provide an atmosphere where thoughts are driven to innovation for the larger benefit of the society.

**October 16, 2014**

<b>Inaugural Session</b>	<b>10:00 a.m. to 11:00 a.m.</b>
<b>1. Introduction</b> of Dignitaries by <b>Dr. Meenu Gupta</b>	10:00 – 10:05 a.m.
<b>2. Panjab University Anthem</b>	10:05 – 10:10 a.m.
<b>3. Floral Welcome and Mementoes</b> by <b>Prof. Arun K. Grover</b> , Vice Chancellor, Panjab University	10:10 – 10:15 a.m.
<b>4. Welcome</b> by <b>Prof. Arun K. Grover</b> , Vice Chancellor, Panjab University	10:15 – 10:20 a.m.
<b>5. Inaugural Address</b> by <b>Dr. S. S. Mantha</b> , Chairman, All India Council for Technical Education, New Delhi	10:20 – 10:40 a.m.
<b>6. Presidential Remarks</b> by <b>Prof. R. P. Bambah</b> , Former Vice Chancellor, Panjab University	10:40 – 10:55 a.m.
<b>7. Vote of Thanks</b> by <b>Prof. A. K. Bhandari</b> , Dean University Instruction, Panjab University	10:55 – 11:00 a.m.
<b>Tea</b>	<b>11:00 a.m. to 11:30 a.m.</b>

<b>Technical Session I</b>		<b>11:30 a.m. to 1:30 p.m.</b>
<b>1. Introduction</b> of Panelists by <b>Dr. Swarnjit Kaur</b>		11:30 – 11:40 a.m.
<b>2. Floral Welcome and Mementoes</b> by <b>Prof. Arun K. Grover</b> , Vice Chancellor, Panjab University		11:40 – 11:45 a.m.
<b>3. Prof. Jai Rup Singh</b> , Founder Vice Chancellor, Central University of Punjab	<b>In Chair</b>	
<b>4. Prof. Arun K. Grover</b> , Vice Chancellor, Panjab University		
<b>5. Prof. W. N. Gade</b> , Vice Chancellor, Savitribai Phule Pune University		
<b>6. Prof. S. Dayananda</b> , Dean Research, University of Hyderabad		
<b>7. Prof. A. S. Brar</b> , Vice Chancellor, Guru Nanak Dev University		
<b>8. Prof. Chandra Krishnamurthy</b> , Vice Chancellor, Pondicherry University		
<b>9. Prof. P. K. Radhakrishnan</b> , Vice Chancellor, University of Kerala		
<b>10. Discussion</b>		
<b>11. Vote of Thanks</b> by <b>Prof. Madhu Raka</b> , Former Dean University Instruction, Panjab University		1:25 – 1:30 p.m.
<b>Lunch</b>		<b>1:30 p.m. to 2:30 p.m.</b>

<b>Technical Session II</b>		<b>2:30 p.m. to 4:30 p.m.</b>
<b>1. Introduction</b> of Panelists by <b>Dr. Shruti Bedi</b>		2:30 – 2:40 p.m.
<b>2. Floral Welcome</b> and <b>Mementoes</b> by <b>Prof. Arun K. Grover</b> , Vice Chancellor, Panjab University		2:40 – 2:45 p.m.
<b>3. Prof. Sushanta Dattagupta</b> , Vice Chancellor, Visva-Bharati University, Santiniketan	<b>In Chair</b>	
<b>4. Prof. S. B. Nimse</b> , Vice Chancellor, University of Lucknow		
<b>5. Dr. Dev Swarup</b> , Vice Chancellor, University of Rajasthan		
<b>6. Lt. Gen. Retd. (Dr.) D.D.S. Sandhu</b> , Vice Chancellor, Kurukshetra University		
<b>7. Prof. Yedla C. Simhadri</b> , Vice Chancellor, Patna University		
<b>8. Prof. Tamo Mibang</b> , Vice Chancellor, Rajiv Gandhi University		
<b>9. Prof. D. J. Saikia</b> , Vice Chancellor, Cotton College State University		
<b>10. Discussion</b>		
<b>11. Vote of Thanks</b> by <b>Prof. L. K. Bansal</b> , Dean Research, Panjab University		4:25 – 4:30 p.m.
<b>Tea</b>		<b>4:30 p.m. to 5:00 p.m.</b>

**October 17, 2014**

<b>Technical Session III</b>		<b>11:00 a.m. to 1:30 p.m.</b>
<b>1. Introduction</b> of Panelists by <b>Dr. Akshat Mehta</b>	11:00 – 11:10 a.m.	
<b>2. Floral Welcome and Mementoes</b> by <b>Prof. Arun K. Grover</b> , Vice Chancellor, Panjab University	11:10 – 11:15 a.m.	
<b>3. Prof. S. P. Thyagarajan</b> , Former Vice Chancellor, University of Madras <b>In Chair</b>		
<b>4. Prof. Santosh Panda</b> , Chairperson, National Council for Teacher Education (NCTE), New Delhi		
<b>5. Dr. Jayshreeben Mehta</b> , President, Medical Council of India, New Delhi		
<b>6. Prof. (Mrs.) Sudesh Mukhopadhyay</b> , Chairperson, Rehabilitation Council of India, New Delhi		
<b>7. Prof. Furqan Qamar</b> , Secretary General, Association of Indian Universities, New Delhi		
<b>8. Dr. Leena Chandran Wadia</b> , Senior Faculty, Observer Research Foundation, New Delhi		
<b>9. Ms. Manjula Rao</b> , Assistant Director, Internationalizing Higher Education, British Council Division, Mumbai		
<b>10. Discussion</b>		
<b>11. Vote of Thanks</b> by <b>Prof. Karamjit Singh</b> , Hony. Director, Academic Staff College, Panjab University	1:20 – 1:25 p.m.	
<b>12. National Anthem</b>	1:25 – 1:30 p.m.	
<b>Lunch</b>	<b>1:30 p.m. to 2:30 p.m.</b>	

# **Organizing Committee**

## **Chairperson**

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