



# Gujarat Technological University

## Centre for Technology Education, Public Policy and Universities of the 21<sup>st</sup> Century (GTU-CeTEPU-21)

**Report: Vice Chancellor's Roundtable conference on 'Innovations in University Systems', on 17<sup>th</sup> July, 2015, GTU, Chandkheda, Ahmedabad, Gujarat.**

Around 30 Vice Chancellors, Deans and Directors of different universities had participated in the Roundtable conference on 'Innovations in University Systems', on 17<sup>th</sup> July, 2015. H.E. Mr. Bothata Tsikoane, High Commissioner, High Commission of Kingdom of Lesotho, New Delhi, H.E. Mr. Chung Kwang Tien, The Ambassador, Embassy of Taiwan, New Delhi, H.E. Mr. Jorge Cardenas Robles, The Ambassador, Embassy of Bolivia, New Delhi, and Prof. N K Goyal, President, CMAI Association of India and Member- BOA committee had also participated in the conference. Dr. Akshai Aggrwal, Hon'ble Vice Chancellor, GTU had chaired the conference.

Mrs. Krutika Raval, Assist. Professor, GTU welcomed all the dignitaries and experts on behalf of Gujarat Technological University and requested them to share their views on various initiatives and challenges of the overall higher education system.

Dr. (Mrs.) S. K. Pandey, Director, NIT Puducherry talked about the Quality Management in World Class Institutions, she started with the necessity for world class institutions, how should we create and sustain World Class Educational Institutions (WCEI) in India and we need to benchmark Institutions in India by observing institutions abroad in respect of the academic leadership, academic and infrastructure enablers to nurture talent, effective institutional governing mechanisms and source and means of funding. She further said that the Critical Requirements of a world class institution is

Leadership, Mindset, Meritocracy and Humility. She also remarked that the following yardsticks can be used to judge the performance of educational institutions of higher learning: (a) How many world class research journals, widely acclaimed by scholars in the respective fields, do we publish in India? (b) How many patents have our technological institutions got? and (c) How many Nobel laureates have our educational institutions produced?. She said that there should be academic autonomy, freedom for funding, freedom to select teachers, freedom to decide whom to teach, freedom to decide what to know, and privatization and funding. We should develop Indian Institutions as World Class Institutions with the help of Combine Science and Technology, strengthening the funding position,



improves the laboratory work and industrial training, encourage researchers for the research activities, total quality management in academic institutions, the accreditation process, quality policy relevant for an academic institution, the quality objectives must be SMART (S - Specific, M - Measurable, A - Attainable, R - Realistic, T - Time Bound). She further concluded her speech by stating the reforms in technical education requires maintaining creativity, adaptability and quality, more emphasis should be on practical subjects, Industrial visits in each semester, guest lectures and video conferencing classes and the teachers to continuously upgrade qualifications and knowledge.

**Prof. Dr. S.H. Pawar, Vice Chancellor, D.Y.Patil University, Kolhapur,** shared his views on Innovative Initiative for Medical Research with Thrust on Nanotechnology, talked about the make in india concept and about the present health care system in india. He started with his presentation on Atherosclerosis& Nanotechnology and Cancer Nanotechnology etc. Further moving ahead he informed about the various academic program, Centre for Interdisciplinary research, Ph.d program - Ph.d supervisor and degree awarded and conferences and number of publications till date at his institutions. He also informed about the Alliances and collaborations for research and Memorandum of Understanding with other university, externally funded projects.



**Dr. P.P Mathur, Vice Chancellor, KIIT University Bhubaneswar,** discussed about the digitalisation in education system, he talked about the present teaching system in India and steps need to be taken to overcome the hurdles. He also talked about the universities research activities.

**Dr. Uma Bhardwaj, Vice Chancellor, MaharajVinay Global University, Jaipur,** talked about the present research activities going on in university. She also talked about the old NIT is much better than the IITs in terms of teaching pedagogy. Further she informed that a large number of universities coming up i.e. private university, government university and deemed university, if there is a privatisation in the universities then the government should support the private institute and the private universities are striving

definitely in building up the nation and still the funding has never been given to private universities. The government should start supporting the private institutions. She also talked about the choice based credit system and about doctoral research.

**Prof. G.S.N. Raju, Vice Chancellor, Andhra University** talked about the initiatives taken at his university, publication and research, Innovation and Incubation centre



and CBCS and there is a need to maintain the research activities.

**Prof.B.V. Babu, Vice Chancellor, Galgotia University,** briefed about the Galgotia University's structure and its subsidiaries and it is five year old institute with eight thousand students and eighteen schools having all streams except medicine and in future to increase the capacity to 25000 students along with starting a medical institute. He also describe about the three characteristics requires in education system i.e: 1) Academic excellence 2) Corporate Ready Professional 3) Industry Partnership



**Prof. R. VenkataRao Vice Chancellor, National School of Law, Bengaluru** also talked about his universities inception i.e 47 years ago and the journey after that and achieving excellence in legal education. He further goes on to describing about the activities going on in the National School of Law and Memorandum of Understanding with other university. If universities have the courage, conviction, competence and devotion, that will ultimately lead to success. The Future will be based on law, science and technology and nothing is beyond our reach, He then further invited all delegates present in the meeting to once visit National School of Law, Bengaluru because seeing is believing.



**Dr.Sivach, Vice Chancellor of Shridhar University,** talks about the problem the university system is facing i.e. of diminishing enrolments and students leaving the job. The technology is creating two masses of people one the technology enablers, those who are creating technology and technology disablers are those who are disabled by technology and the emerging society is going to face. The technology disabled people becoming burden to us and 20 % would be the technology enablers and 80% would be the technology disabled.

**Dr.P.K.Garg, Vice Chancellor, Uttarakhand Technical University** talked about why the research is going down and what is the actual reason behind it and placements at private institutions is quite low and students who don't get a good job or don't make up to the MNC go for further PG Programs and after completing it go for research program. He also talked about the need of good faculties and need of beyond class room teaching. There is a need of motivating teachers and students. He also laid importance to train



the trainers and also 360 degree development

Prof. S. Narayana, Pro-Vice Chancellor, VIT University, Vellore, Tamilnadu, talked about the faculty's performance and research activities. He said that class room teaching should be done as per the curriculum. The students are losing their interests in the classes. The teachers should improve their method of teaching. He further talked about the system they have at their university like faculty performance evaluation, categorisation of faculty and freedom of students to choose their faculty, importance to publication and qualitative journals as per the UGC Norms and there should be a perfect monitoring system regarding the quality.

Prof. Rajit Goswami, from R.K. University, Rajkot talked about the professional development in education system, the inception of the RK University, about different schools and students at his university, outcome based learning and academic advisory council and student activity advisory council. He also informed about the faculty orientation program.

Prof. S.C. Chaubey, RGPTU, talked about the university system and further moving towards the university system he talked on about the changes in syllabi required and requirement and importance of qualified teachers in university.

Dr. Akshai Aggarwal, Vice Chancellor, GTU talked about the process syllabi, teaching pedagogy adapted by GTU. He discussed about the GTU's doctoral program undertaken and choice based credit system etc. He also shared about the GTU's Active Learning (ALVCOM) program and various other initiatives taken for the design engineering, patent and research at university. Further he talked about the various faculties training program and steps should be taken to motivate the faculties to improve their selves. At the end he thanked all the dignitaries for visiting



GTU and sharing their views to improve higher education of India.

After the address by Dr. Akshai Aggarwal, he and his efforts were greatly applauded by one and all present there.

Prof. N K Goyal, President, CMAI Association talked about the various types of universities. He said that about 95% students in India studies in the affiliating type, deemed and private universities and we should learn good things from each one of us and try to speak good about others. He also talked about teaching and education in rural or remote areas.

H.E. Mr. Bothata Tsikoane, High Commissioner, High Commission of Kingdom of Lesotho, New Delhi, H.E. Mr. Chung Kwang Tien, The Ambassador, Embassy of Taiwan, New Delhi, H.E. Mr. Jorge Cardenas Robles, The Ambassador, Embassy of Bolivia, New Delhi appreciated steps taken by GTU for expanding the horizons of technical education, and they also shared about the education system of their respective countries and discuss about future possible educational celebrations between the countries.

Towards the end, **Ms.KrutikaRaval**, thanked Hon. Vice Chancellor, Dr Akshai Aggarwal, for giving this opportunity to discuss the issues of university system. She also thanked all the dignitaries who contributed whole heartedly during the interactive sessions and giving their precious inputs. She also said that these inputs have been very useful for the overall education structure.

### Photo Gallery:

