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Message from General Chair



Dr. Deepak Garg

Chair, IEEE Education Society, India Council

Head, Computer Science and Engineering, Thapar University, Patiala

Passion, Commitment and Professionalism are key to the progress, strength and development of education sector. It is more relevant to India in the current context as we face many issues related with different domains of human life. We need different innovative solutions who can work in the local context. Transforming Engineering Education will be the backbone of such change which will induce vibrancy, development and new jobs in India. For this to happen we need to work on three things. 1. Faculty 2. Faculty 3. Faculty

Rest will follow automatically. Faculty needs cutting edge training in their own domain of teaching and research apart from training in the educational technology and pedagogy. We need to set up world class training centers with modular and flexible human resources as well as infrastructure. We need to create groups of excellence in core engineering, sciences, art, humanity, management and other areas which should be spread evenly. Accreditations and Reviews may be helpful but will only serve the partial purpose unless we create the world class human resources who are running these Engineering Institutions. Administrators of these institutions require specialized training as many of them are too naive to run these institutions professionally with the world vision. It is time to take bold decisions and to handle disruptive changes that are need of the hour to take the next leap ahead. So, we need to overhaul the system with an army of dedicated and goal oriented faculty.

Profile of Dr Deepak Garg

He has done his Ph.D. in the area of efficient algorithm design. His active research interests are designing efficient algorithms and knowledge management. He is Member, Board of Governors, IEEE Education Society, USA, Chair, IEEE Computer Society, India Council and Chair, IEEE Education Society India Council. He is Senior Member of IEEE (Institute of Electrical and Electronics Engineers), USA, Senior Member of ACM,UK, Chair North India ACM SIGACT, Executive Member of IEEE Delhi Section. He is Life Member of ISTE , CSI , IETE , ISC, British Computer Society. He started his career as a Software Engineer in IBM Corporation Southbury, CT, USA. He is Coordinator of NBA Nodal Center at Thapar University which caters to North India Region.He has taught important core subjects at graduate and undergraduate levels and has guided 8 PhD Students and is guiding 4 PhD students, has guided 30 M.Tech students. He has handled various research projects sponsored by Govt of India and organized two national conferences. He has successfully organized 19 short-term courses on latest technologies including UGC refresher course, ISTE-AICTE Short Term Training Programme, DBT sponsored courses, NSTEDB (National Science and Technology Entrepreneurship Development Board) sponsored workshops, Infosys sponsored Faculty Enablement Programme. Deepak has 98 publications in various International Journals and conferences. He is serving in important Govt committees and is a member of Senate of Thapar University. He is on the advisory board of various organizations. He has 16 years of

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teaching/research/development experience. He has edited two books and is on the editorial board of 20 International Journals. He is passionate about transforming the landscape of Indian Engineering Education. For details please visit <http://www.gdeepak.com>

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