

REPORT

International Conference on Research and Innovations in Mechanical Engineering held at GNDEC Ludhiana during 24th – 26th October, 2013 (ICRIME-2013)

Three days International conference on Research and Innovations in Mechanical Engineering (ICRIME-2013) held at GNDEC Ludhiana during 24th – 26th October, 2013 and was concluded with the message to develop infrastructure for carrying out competitive research in the various allied fields of one of the mother branch of engineering i.e. Mechanical Engineering. More 150 delegates all over the globe participated in the conference and delivered around 80 research papers on their research innovations. The conference was sponsored by AICTE New Delhi, DST New Delhi, PTU, Jalandhar, TEQIP Cell of College. In inaugural speech Er. M C Munjal Ji, CMD of Majestic Auto (P) Ltd., Ludhiana talked about vast scope of Mechanical Engineering and suggested diversification, and improvement of contents in curriculum. Former Principal of GNDEC, Dr. Surinder Bir Singh and Dr. H S Shan, Ex Professoor IIT Roorkee shared many valuable ideas for using engineering concepts for better design of services, welfare and overall development of society. Dr Saji Gopinath, Dean Development from IIM Kozkikode presented the key note address on inaugural function.

The conference chairman told that six invited technical talks covering theme of the conference were delivered by the eminent professors and scientists. Dr. Inderdeep Singh from IIT Roorkee delivered a detailed lecture on composite materials and their applications and emphasized the use of these materials for better design of components, structures. Er Lakhinder Singh, Vice President from SML, Mohali demonstrated many innovative ideas to improve aesthetic appearance of engineering components. In another informative talk, Dr. Subhash Chander from NIT Jalandhar spoke about latest and efficient methods of industrial heating. He explained how significant amount of energy can be saved by adopting direct impingement heating. Dr. A. Manna from PEC University presented his expert lecture on the topic Non Conventional Machining Methods. Dr. Aggarwal, Assistant Professor from IIT Ropar and Dr. R.S. Jadaon from GB Pant Agricultural University, Pant Nagar shared innovative and latest research being carried on Ultrasonic machining and micro manufacturing processes.

Er. Ranjodh Singh Ji, CMD, G.S. Auto International, distributed certificates to the delegates. In his concluding speech, he suggested many need based projects for by mechanical engineering graduates and researchers. Being industrial hub of Punjab, Ludhiana has ample scope for carrying out live projects in printing technology, packaging, energy audit and conservation, air pollution etc.” He offered full support to the department in this regard. Mr. T P Singh from Technic Fabricators (P) Ltd. Ropar encouraged the young researchers to take up industrial problems for finding innovative solutions and he assumed all help from their industry. Dr. S V Ram Gopal from CSIO Chandigarh motivated the delegates for putting efforts for quality research in the field of manufacturing. Dr. M.S. Saini, Director GNDEC congratulated the department for organizing the conference.