

Message from Rakesh Goyal

It gives me immense pleasure that 'Geeta Institute of Management & Technology, Kurukshetra' is organizing 5th International Conference on Emerging Trends in Engineering & Technology from 04-05 November, 2016. I appreciate the initiative of the organizers to hold a conference on Emerging Thrust Areas of Engineering & Technology.



Development of any nation depends on the new initiatives taken by individuals which are shared, discussed and propagated for the good of mankind.

Such conferences and seminars thus provide a wonderful platform to eminent scholars to share and discuss their research experiences in various fields of Engineering and Technology.

I am sure that scholars, delegates and key note speakers assembled at the event will keenly debate their crucial issues confronting research in Engineering and Technology which will pave the way for the further growth of technical education in India.

I convey my best wishes to the organising committee and delegates of the conference and hope that proceedings of this conference will prove highly rewarding for them.

I wish the conference a great success.

Rakesh Goyal
Chairman, Geeta Educational Trust
Chief Patron, IETET-2016

Message from Dr. S D Sharma

Geeta Institute of Management and Technology always endeavor to contribute to national development through its educational initiatives. It is a matter of privilege for me, that GIMT is organizing 5th International Conference on “Emerging trends in Engineering and Technology” during November 04-05, 2016.



As Principal of GIMT, I am delighted to host this conference, which, I believe will give an opportunity, to the researchers from diverse domains and from different parts of world, to exchange their ideas. I feel happy to interact with the researchers from all around the Globe through the proceedings of IETET 2016.

This conference is significant for its emphasis to the domain of research as it can really contribute in the process of nation building. We are endeavoring our best to cope up with today's challenges and fulfilling the coveted needs for enabled and quality education.

The conference is significant for its emphasis to the domain of research as it can really contribute in the process of nation building. I hope that the participants will get a chance to undergo rigorous mind exercise to identify the emerging trends in Engineering and Technology and contribute to the development of a knowledge productive society.

I extend my heartiest congratulations to the entire organizing team and wish a grand success of the event.

Dr. S D Sharma
Principal, GIMT
Patron, IETET-2016

Message from Er. Akhil Garg

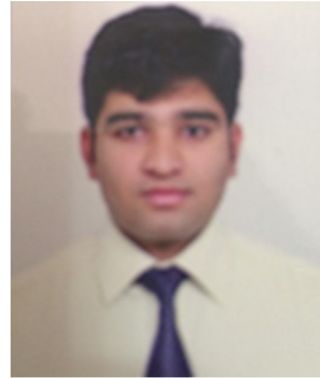
It gives us immense pleasure that Geeta Institute of Management & Technology, Kurukshetra is organizing 5th International Conference on Emerging Trends in Engineering & Technology (IETET-2013) which is being organized from 04-05 November, 2016.

Such conferences provide a platform to researchers to share their innovations and developments in various fields of engineering and technology for socio-economic development of the country.

It is my firm belief that no Institution can produce good professionals through its beautiful buildings. It is the effort on the part of faculty to divert the attentions of students from rote learning to develop learning-to-learn, problem solving and innovative skills for promoting research culture in any Institute. I further strongly believe that such like conferences shall facilitate our budding engineers to transform our society as one of the world largest selling market.

I hope that the delegate of this conference will be greatly benefited after attending this conference.

I wish the conference a great success.



Er. Akhil Garg
Joint Director, GIMT
Program Chair, IETET-2016

Message from Er. Jai Singh Arya

Geeta Institute of Management & Technology, Kurukshetra has been striving for promoting research culture in technical Institutions. Towards this end, we have been organizing National and International Conferences every year to fulfill this objective.



It gives us immense pleasure to publish the proceedings of 5th International Conference on Emerging Trends in Engineering & Technology (IETET-2016) which is being organized from 04-05 November, 2016. I am happy to mention that engineering fraternity comprising of techno-crates, faculty and students have been showing great interest, as a result of which the proceedings contain a plenty of quality research submissions for furtherance of research in the field of Engineering and Technology.

Through this conference, efforts have been made to recognize the new technologies and their application for the betterment of society and economy. In addition, an additional objective has been to organize high quality conferences which may contribute to further research initiatives.

The research submissions contained in the proceedings of this conference have been reviewed on the basis of criteria such as relevance to the conference, originality, research significance and technical quality in the context of research. Selections are based on the review of above aspects by a group of professionals in the respective fields. We thank the authors and reviewers for their respective contributions.

Er. Jai Singh Arya
Head & Associate Professor (EE), GIMT
Conference Chair, IETET-2016

Message from Er. Mohan Kashyap

I am pleased to welcome you all to IETET-2016 at GIMT in religious city of Kurukshetra. It gives immense pleasure in writing this message that IETET-2016 is fulfilling the objective to organize high quality conferences.



Organizing an International Conference require lot of effort and support from different corners. I am grateful thanks to our Chairman Shri Rakesh Goyal for their whole hearted support and encouragement in taking up such like initiatives. The support provided by Dr. S D Sharma (Principal), Er. Akhil Garg (Joint Director) and Er. Jai Singh Arya (Conference Chair of this Conference) is gratefully acknowledged. I am also grateful to Chief Technical Head (IDES) & Chief Admin (Grenze Scientific Society) for accepting our proposal to publish IETET-2016 proceeding in Grenze Digital Library; and also to editors assigned by Grenze Scientific Society for final formatting of proceedings.

Such a Conference cannot be organized without the help of faculty colleagues. Different organizing committees have contributed significantly for the success of this Conference. I am grateful to them for their support and cooperation. We are also grateful to eminent dignitaries who were invited for inaugural and valedictory functions, professionals for making Key Note presentations and chairpersons of various technical sessions for presiding over different sessions. I very sincerely hope that the delegates of IETET-2016 must have been greatly benefitted by attending this conference.

Er. Mohan Kashyap
Assistant Professor (EE), GIMT
Technical & Organizing Chair, IETET-2016

Message from Professor Ashok Deshpande

Keynote Speaker, IETET-2016

Founding Chair: Berkeley Initiative in Soft Computing–Special Interest Group-Environment Management Systems-University of California, Berkeley, California USA;
Visiting Professor: University of New South Wales, Canberra Australia and University of British Columbia, Canada

I am reminded of a famous quote of Professor Albert Einstein

“Without changing our patterns of thought, we will not be able to solve the problems we created with our current patterns of thought.”

Geeta Institute of Management and Technology, Kurukshetra has rightly recognized the spirit in this quote and has been organizing 5th International Conference on Emerging Trends in Engineering & Technologies. I am confident that many upcoming techniques will be discussed in this conference which will ultimately benefit the end user.



The organizers deserve a loud applause for initiating such an important activity.

I wish the event a grand success.

Professor Ashok Deshpande
PhD (Engineering & Technology)

Message from Professor Dinesh Kumar

I am happy to know that Fifth International Conference on Emerging Trends in Engineering & Technology (IETET-2016) is organizing at Geeta Institute of Management and Technology Kanipla, Kurukshetra from November 04-05, 2016.

Technology systems have changed people's lives in the past few decades. They generate new business models facilitate innovation and exploring new services. The information explosion in recent years has driven the technologies to focus on efficient and effective management of data spread across multiple locations and heterogeneous systems. Innovation in technology and improvement in processing power have resulted in increased accuracy and speed of information retrieval. The use of technology in academia, industry and the government sectors has tremendous growth in the recent years with new application emerging every day. Today the globalization of the economy and evolution of electronic commerce are changing the life style of the common man, this is the reason of understanding technology in depth. This conference will provide an excellent opportunity to academicians, researchers, industry experts and student's to present and discuss various topics and recent trends in technology and explore newly emerging application in various fields. I congrats the organizing committee, institute and wish the conference a grand success.



Prof. Dinesh Kumar
Vice-Chancellor
YMCA University of Science & Technology, Faridabad, India
Keynote Speaker, IETET-2016