

CONFERENCES and SEMINARS 2018-19

NATIONAL CONFERENCE ROASET-2019

Department of Applied Sciences & Humanities organized National Conference on Relevance of Applied Sciences to Emerging Technologies (ROASET-2019) during 24-25 April, 2019.

The inaugural session was graced by the presence of Dr. KTV Reddy, President IETE as Chief Guest, Col. Pradeep K Bhat (Retired) as Guest of Honour, Prof. R.K.Kotnana, distinguished Scientist in NPL as Keynote Speaker, Dr.Om Dutt Sharma Acharyaji as Special Invitee, Dr. R K Agarwal -Director AKGEC, Heads of Departments, Deans, faculty and students. During his address, Dr. KTV Reddy highlighted the role of Basic Science and Applied Sciences research in developing technologies. Col. Pradeep K Bhat emphasized on role and importance of applied research related to cyber security. Prof. R.K.Kotnana delivered keynote address on 'Humidity Sensor and Solar Cell Technology & Hydroelectric Cell'. He also demonstrated the working of hydroelectric cell. Dr. Om Dutt Sharma delivered a talk on 'Relevance of Vedas to Modern Sciences'.

Technical talks were delivered by eminent speakers during the sessions.

Speaker	Designation and Affiliation
Dr. Bhanu Pratap Singh	Sr. Scientist and Deputy Head Advanced Carbon Products Section of Advanced Materials and Devices Division New Delhi
Prof. Pramod Kumar Yadav	Professor Department of Applied Sciences & Humanities MNNIT, Allahabad
Dr. Adarsh Anand	Assistant Professor Department of Operational Research, Faculty of Mathematical Sciences University of Delhi

Prof. V. K. Singh	Dean Academics IPEC Ghaziabad
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Forty research papers were presented during the conference. All selected papers have been forwarded to Scopus indexed International Journal of Mathematical Engineering & Management Sciences for selection and publication.









EMERGING TRENDS IN ELECTRONICS & COMMUNICATION-2019 (ETEC-2019)

Department of Electronics and Communication Engineering organized National Conference **Emerging Trends In Electronics & Communication - 2019 (ETEC-2019)** during 5-6 February, 2019 with the aim to provide platform for researchers, industry experts and faculty of various engineering colleges to share their ideas/ research work over the latest developments in the field of electronics and communication.

The resource personnel for the conference included accomplished experts from organizations like ITU, ISRO, Space Applications Centre, BSNL, IITs, Jamia Milia Islamia, NSIT and DTU.

The conference received 100 research papers on topics including Signal Processing, Image and Video Processing, Analog and Digital VLSI Design, Embedded Systems, Communication Engineering, Ad-Hoc Networks, Wireless Mobile Communication, Sensor Networks, Control & Instrumentation, Microwave theory and Techniques and Optoelectronics, of which 33 papers were selected for publication in the e-proceedings. Twenty five papers were presented over the two days.





National Seminar on Automation, Robotics and 3D Printing in Construction

Two day National seminar on **Automation, Robotics and 3D printing in Construction** on was organised by Department of Civil Engineering on 15-16 October, 2018 in reverence to Dr. APJ Abdul Kalam on his birth anniversary on 15th October, 2018.



The event was graced by the presence of Dr. PR Swarup, Director General of Construction Industry Development Council (CIDC), as Chief Guest, Mr. S. K. Varshney, Head of International Cooperation, Bilateral, Department of Science & Technology, Govt. Of India, New Delhi, as Guest of Honour and Dr. S. J. Vijay, Director of hoMMission India Pvt. Ltd., Bengaluru, as Keynote Speaker. Dr. R. K. Agarwal, Director AKGEC, introduced the theme of the conference in his welcome speech and welcomed the guests, delegates, faculty and students to the two day National Seminar.



It is a matter of pride and encouragement for us to have received messages and good wishes from eminent persons including Dr. Rajeev K. Tayal, Secretary, Science and Engineering Research Board (SERB) of DST, Govt. of India. and Prof. Vinay Kumar Pathak, Vice Chancellor, AKTU. The messages were read to all the delegates.

Dr. RAJIV K. TAYAL
SECRETARY



10th October, 2018

MESSAGE

Greetings and good wishes for the grant success for this National Seminar on "Automation, Robotics and 3D Printing in Construction" that is being inaugurated on 15th October 2018 in reverence to Dr. A.P.J Abdul Kalam on his birthday.

Civil engineering is said as mother of all Engineering and it includes Planning, Designing, Management, Construction and Maintenance. There is a need for the construction industry now to embrace those technologies which lead to automation in construction process by adopting construction methodology that deploy Robotics and 3D printing in construction. Architects and city planners have been already created layout and complex shape buildings models from 3D printing and now they are looking for ways to employ 3D printing concept in creating the entire buildings as well. This seminar is very needful and I convey my Hearty Congratulations to the conveners for all efforts they put in making this National Seminar possible. I also welcome all the distinguished speakers, delegates & invitees attending the seminar during 15th - 16th October 2018 at AKGEC.

(Dr. Rajiv K. Tayal)

प्रो० विनय कुमार पाठक
कुलपति
Prof. Vinay Kumar Pathak
Vice-Chancellor



डॉ० ए०पी०जे० अब्दुल कलाम प्राविधिक विश्वविद्यालय
उत्तर प्रदेश,
Dr. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY
Uttar Pradesh, India

Dated: 08.10.2018



MESSAGE

I am happy to know that Ajay Kumar Garg Engineering College, Ghaziabad is organizing a National Seminar on "Automation, Robotics and 3D Printing in Construction" on 15th October, 2018.

The topics to be covered in this conference are comprehensive and adequate for developing and understanding about new developments and emerging trends in this area. I hope the interactions between the participants and the experts who will be presenting their experiences and expertise will be fruitful and objective specially for faculty and students. I shall be glad to draw a path forward from this conference.

I congratulate the organizers for taking this initiative and extend my wishes for the successful conduction of event.

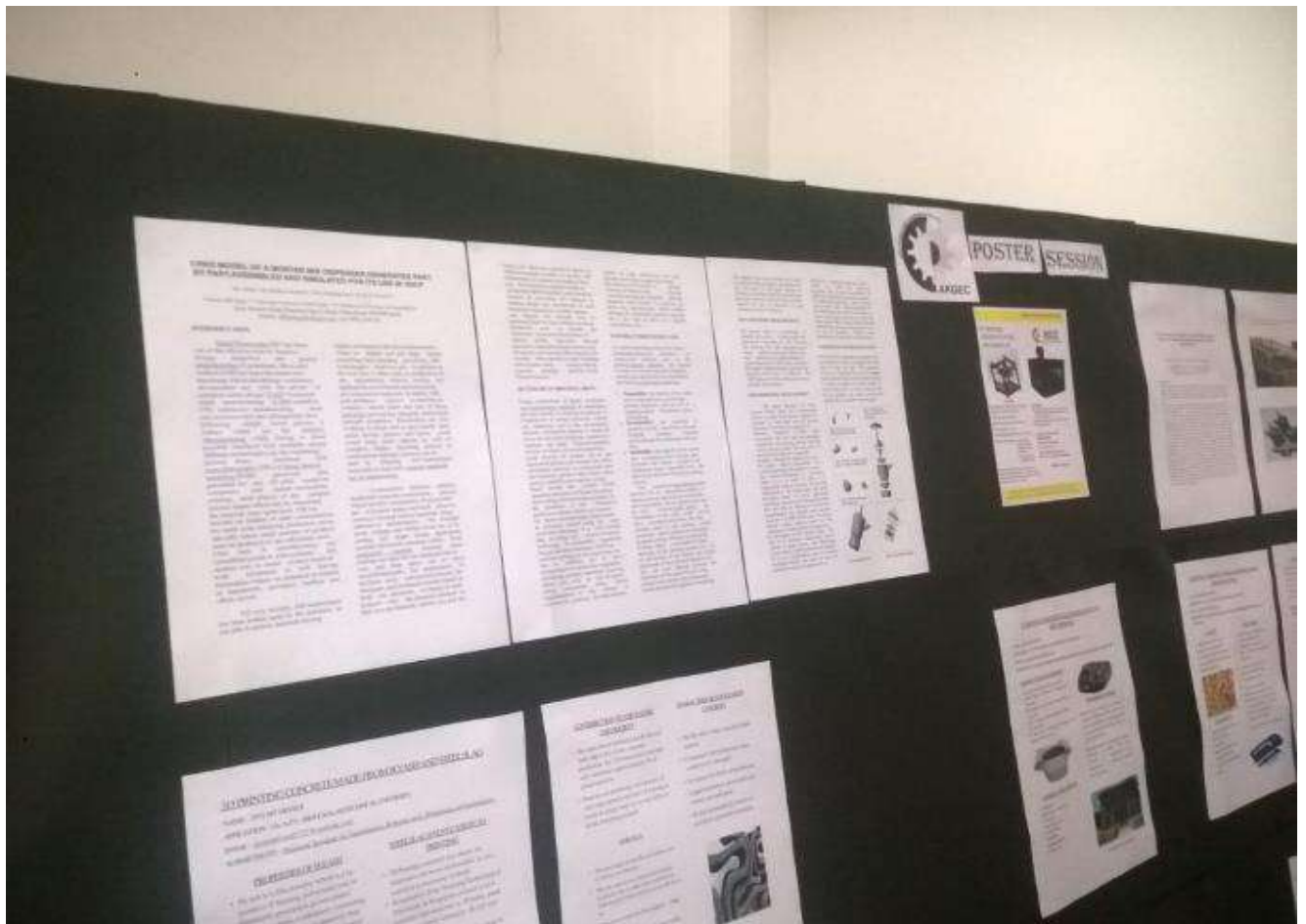
(Prof. Vinay Kumar Pathak)
Vice Chancellor







The seminar was conducted in four technical sessions on 3D Monolithic Modular Recast continued his talk and floor was open for Q&A, Concrete 3D Printing, 3D Use of Robotics and Automation in Design and Survey, and 3D Core & Mold Printing. A poster session and a demonstration of 3D Printer were also exhibited.





National Conference - Advanced Concepts In Mechanical Engineering (CME)

Department of Mechanical Engineering organized National Conference **ADVANCED CONCEPTS IN MECHANICAL ENGINEERING (ACME)** during 7-8 September, 2018. Air Marshal Pankaj Aneja PVSM VSM (Retd.) graced the opening ceremony as the Chief Guest, Shri Shankar Brahma, Head R&D, M/s. Sriram Pistons & Rings Ltd. Ghaziabad was the Guest of Honour and Dr. Sachin Maheshwari, Professor & Dean, Department of Mechanical Engineering, NSIT, New Delhi was the Key Note Speaker. The delegates/speakers from JMI New Delhi, YMCA Faridabad, NIT Kurukshetra, NITTR Chandigarh and other colleges participated in the conference.

The aim of the conference was to provide a knowledge sharing platform for researchers, academicians and industry personnel. The conference provided an opportunity to students to get exposed to the culture of academic development and to the field of research and innovation.

During the two days, 20 papers were presented in different sessions chaired by eminent academicians and industry personnel. E-proceedings of the presented papers was released.











