

THE INSTITUTION OF ENGINEERS (INDIA)

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has membership strength of above 0.8 million. Established in 1920, with its headquarter at 8 Gokhale Road, Kolkata-700020, IEI has served the engineering fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern-day engineering.

In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to be accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions amongst professional engineers, academicians and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from 120 Centres located across the country. The Institution has established R&D Centres at various locations in the country and also provides grant-in-aid to its members to conduct research and development on engineering subjects.

IEI conducts Section A & B Examinations in different Engineering disciplines, the successful completion of which is recognized as equivalent to Degree in appropriate field of Engineering of recognized Universities of India by the Ministry of Human Resources Development, Government of India. Every year as many as 90000 candidates appear for these exams.

For details, please see: www.ieindia.org.

PANTNAGAR LOCAL CENTRE

The erstwhile Nainital Local Centre was shifted from Nainital to Pantnagar in 2003 and was accordingly renamed as Pantnagar Local Centre (PLC). Since then the PLC, functioning from 209A, Old Building, College of Technology, G.B. Pant University of Agriculture & Technology, Pantnagar-263 145 (Uttarakhand) has a jurisdiction over 6 districts of Kumaon region, namely Udham Singh Nagar, Nainital, Almora, Pithoragarh, Champawat and Bageshwar, more than 320 corporate members and 2300 technician and senior technician members. Being located at College of Technology, G.B. Pant University of Agriculture & Technology, Pantnagar, the PLC enjoys an easy access to the infrastructural facilities such as seminar/conference halls, indoor & outdoor auditoria, guest houses, etc.

COLLEGE OF TECHNOLOGY, G. B. PANT UNIVERSITY OF AGRICULTURE & TECHNOLOGY, PANTNAGAR

The College of Technology was established in 1966 as a constituent college of the University. Initially the College offered B. Tech. Degree programmes in four disciplines of engineering - Agricultural, Civil, Electrical and Mechanical. Subsequently in 1984 three more disciplines - Computer Engineering, Electronics and Communication Engineering, and Production Engineering- came into existence to cope up with the upcoming technological requirement. Presently has 11 departments functioning

independently under the administrative control of Dean, College of Technology. Apart from Uttarakhand State Higher Education Department, the college receives financial grants from various Central Agencies, like All India Council of Technical Education (AICTE), University Grants Commission (UGC), Department of Science and Technology (DST), Indian Council of Agricultural Research (ICAR) and the Council of Scientific and Industrial Research (CSIR). (Website: gbpuat-tech.ac.in).

ABOUT PANTNAGAR

The G.B. Pant University of Agriculture & Technology, Pantnagar has a perimeter of 28.52 km covering a gross area of 16,000 acres. The campus is surrounded with a lush green plantation in the foothills of the Himalayas in the district of Udham Singh Nagar, Uttarakhand state on the Delhi-Nainital and Lucknow-Nainital routes. Pantnagar is about 250 kilometers from Delhi, 360 kilometers from Lucknow, 90 kilometers from Moradabad, 75 kilometers from Bareilly and 65 kilometers from Nainital by road. It is connected to the rest of world by the Delhi Nainital National Highway and the Bareilly Nainital Highway. A large number of state and interstate buses fly on these roads. Pantnagar Railway Station, on the Lucknow, Bareilly, Lalkuan section of North East railways, is about 4 km east of the University administrative building. Haldi road Railway station, on the Delhi Rampur Kathgodam section of northern and north eastern railways is about 3 kilometers west of the University Administrative buildings. Some flights are also available between Delhi-Pantnagar Route.

ABOUT Second AETSD – 2017

An increasing amount of research is being done in the area of Engineering and Technology for the developments in all aspect of human life. The success or failure of technologies, the question whether technology helps humans to fulfil their goals or whether it hinders them is in most cases not a technical issue. Even though this problem has been recognized in many academic disciplines that deal with technology, we are still far from being able to present a set of theories that would allow us to understand the interaction of technology for human being development and to put it to practical use. In continuation with the previous, this second All India Seminar also aims to provide a platform for leading research that addresses issues of technology interaction for development human beings in recent previous years. This All India Seminar seeks contributions concerning any aspect of technology dealing with the development, usage, failure, success, policies, strategies, and applications of them. This All India Seminar invites contributions from both, scholars and practitioners involved in research, management, and the utilization of technology for human development.

Human Development through Engineering and Technology is a collaborative work offered to students, scholars, researchers, decision-makers, curriculum developers, and educators interested in the rich learning opportunities afforded by engineering and technology. The second All India Seminar provides perspective about the roles of Engineering and Technology which might uniquely play role in applying contemporary pedagogical social skills in the service of promoting equitable and sustainable human development. Engineering and technology has become imperative

for all people due to the exponential rate of technological changes, the impact of globalization on culture and economy, and the essential contributions of Engineering and Technology help in addressing global and environmental challenges for the mankind.

The theme of the Second All India Seminar is “Advances in Engineering and Technology for Sustainable Development”. The all India seminar will focus on the following sub-themes:

- Technological development in Engineering for human being.
- Technological development in Biological Sciences for human being.
- Technological development in Agriculture Sciences for human being.
- Technological development in Environment and Ecology Sciences for human being.
- Technological development in Medical Sciences for human being.
- Technological development in sustainable management of other resources for human being.
- Green Technologies, Renewable Energy Sources, Waste to Wealth, Recycle, Reuse and Reduce options.
- Traditional Knowledge and Technologies in various Technology Areas
- Technological Advancement in sustainable management of other resources.

CALL FOR PAPERS

The official language of the seminar is English. Papers are invited from academics, scientist, industry, representative, R&D organization, entrepreneurs and students. Authors are requested to send papers of not more than 6-7 pages in the format of Journal of the institutions of Engineers (India) along with abstracts. There will be oral/poster presentation of accepted papers. There will also be **some awards for best papers** during sessions.

IMPORTANT DATES

- Submission of abstract : Oct 20, 2017
- Acceptance of paper : Oct 25, 2017
- Submission of full length paper : Nov 15, 2017
- Registration : Nov 01, 2017 onwards

Abstract and Full length papers (soft copy) in proper format should be sent by email to: pantnagarlc.iei@gmail.com

or hardcopies to

Dr. V. K. Singh, MIE, Chairman, IEI PLC,
Professor, Department of Mechanical Engineering, College of Technology, Pantnagar-263 145
Mobile No. : 7500241445

Dr. Paras, Honorary Secretary, IEI PLC,
Assistant Professor, Department of Electronics & Communication Engineering, College of Technology, Pantnagar-263 145
Mobile No. : 8476971288

REGISTRATION FEES

Category of delegate	Registration Fee
Corporate members of IEI	Rs. 3000/-
Non-Corporate members from educational sector	Rs. 3500/-
Non-Corporate members	Rs. 4000/-
Student members & technician and senior technician members of IEI	Rs. 500/-
Retired Senior Citizens	Rs. 1000/-
Students	Rs. 1000/-
Spouse Accompanying Persons	Rs. 1000/-

- Membership for AMIE, if eligible or fellow if difference of membership of AMIE & Fellow will be paid by candidate

SPONSORSHIP

Category of delegate	Sponsorship Amount	Free delegates	Free advertisement
Platinum	Rs. 1,00,000	6	One full page colour, name displayed as platinum sponsor
Gold	Rs. 60,000	4	One full page colour, name displayed as gold sponsor
Silver	Rs. 40,000	3	One full page B&W, name displayed as silver sponsor
Bronze	Rs. 30,000	2	Half page B&W, name displayed as bronze sponsor

Accommodations will be booked as per tariff in hotels at Rudrapur/Haldwani (@ Rs.2000/- to 8000/- per day) and at University Guest House as per availability.

ADVERTISEMENT IN SOUVENIR

The Souvenir proceedings will be brought out on this occasion containing messages, technical papers presented in the seminar, some selected articles and advertisement for the distribution to the delegates as well as to various sponsoring organizations and to all centres of the country. Advertisements are invited from organizations for publication in the Souvenir. The tariff for advertisement shall be as follows:

1. Back cover (colour) Rs. 20,000/-
2. Inside back and front covers (colour) Rs. 10,000/-
3. Inside full page black and white Rs. 5,000/-
4. Inside full page colour Rs. 7,500/-
5. Inside half page colour Rs. 5,000/-

PAYMENTS

All payments are to be made through crossed Demand Draft / Cheque, drawn in favour of "The Institution of Engineers (India), Pantnagar Local Centre", payable at Pantnagar.

ORGANIZING COMMITTEE

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Organizing Secretary : Dr Paras, Honorary Secretary, PLC
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CONTACT

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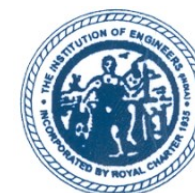
Address of IEI Local Centre : IE(I), Pantnagar Local Centre, GBPUAT, Pantnagar, 263145
Mobile No : 8476971288
Email : paras.ec.pant@gmail.com

All India Seminar on Advances in Engineering and Technology for Sustainable Development

AETSD-2017

Nov 25-26, 2017

Organised by
The Institution of Engineers (India)



Pantnagar Local Centre

**Under the aegis of Interdisciplinary
Coordination Committee, IEI**

In association with

**College of Technology, GBPUA&T
Pantnagar**



VENUE

**Pantnagar Local Centre, College of Technology
G. B. Pant University of Agriculture & Technology,
Pantnagar – 263145 (Uttarakhand)**