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61st ANNUAL IETE CONVENTION -2018 (AIC - 2K18)

Theme
**SMART ENGINEERING FOR
SUSTAINABLE DEVELOPMENT (SEFSD)**

29th and 30th September 2018

Venue : Prof Ram Meghe Institute of Technology and Research,
Badnera - Amravati (MS), 444701



:: Chief Guest ::

Honourable Shri Nitinji Gadkari
Union Minister for Road Transport and Highways,
Shipping, Water Resources and River Development

:: 50th Bhabha Memorial Lecture by ::

Dr. M. S. ALI
Past Chairman IETE Amravati Centre &
Principal, PRMCEAM, Amravati

:: 41st RAM LAL WADHWA AWARD LECTURE ::

:: ORGANIZED BY ::
IETE HQ New Delhi & IETE Amravati Centre

Prof S K Khedkar
IETE West Zone Mentor

Dr. P. V. Ingole
Convener AIC 2K18
Chairman, Amravati Centre

Dr. A. P. Bodkhe
Convener AIC 2K18
Principal, PRMITR, Badnera - Amravati

Dr. A. P. Thakare
Governing Council Member
IETE HQ., New Delhi

Dr. N. N. Kasat
Governing Council Member (Elected)
IETE HQ., New Delhi

THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS, (IETE) – NEW DELHI

Founded in 1953, Institution of Electronics and Telecommunication Engineers (IETE) is India's leading recognized professional society devoted to the advancement of Science and Technology in Electronics, Telecommunication & IT. IETE serves more than 75000 members both individual and industries / organizations through its 63 centres spread all over India and including one in Kathmandu (Nepal). The Govt of India has recognized IETE as a Scientific and Industrial Research Organization (SIRO) and also notified it as an Educational Institution of National Eminence. IETE is also Training Partner of Telecom Sector Skill Council (TSSC) and associate member of Electronic Sector Skill Council of India (ESSCI). The Institution provides leadership in Scientific and Technical area of direct importance to the national development and growth.

Focus Theme :

Artificial Intelligence and Machine intelligence is miraculously making many actions in human life autonomous. It has spanned every task in Industries dominated by its frontier technologies. Those tasks which were considered to be virtually gigantic in processing point of view are reality now. Autonomous cars that are about to hit roads is the best example. Autonomous coding and debugging are other few areas. However, all these smart engineering solution may bring the skilled human force on the verge of unemployment. So, scientific community need to do more, to identify the co-existence of Smart Engineering and Sustainable Development.

About IETE Amravati Centre :

The IETE Amravati sub-centre, established in 2003 was upgraded to centre in 2007. The centre has more than 525 corporate members including 71 fellow grade members. The centre conducts regular technical events as a part of continuing education programs for the members and students and these are always well attended. IETE Amravati Centre has successfully conducted "46th IETE Mid Term Symposium (MTS)" in April 2015. Under Amravati Centre, Yavatmal Sub-centre has successfully conducted "IETE West Zone Seminar" in March 2018. In addition, the centre regularly organizes one and two day seminars and zonal seminars on specialized technical topics. The Engineers' day and World Telecommunication Day are also celebrated. In addition to conducting regular coaching classes for AMIETE and DIPIETE, the centre has been conducting these examinations as directed by HQ. The centre has its own building having classrooms, updated laboratories and library. There are 9 ISF institutes, 6 organizational members and one sub-centre (at Yavatmal) under Amravati centre. Till date, 6 individual awards and 2 Best IETE Centre award (in 2013 and 2016) has been bagged by the centre.

About Amravati City :

Amravati is a city in the state of Maharashtra, India. It is the 5th most populous metropolitan area in the state. It is the administrative headquarter of the Amravati district, including Amravati division, which is one of the 6 divisions of Maharashtra state. Amravati is located 150 km from Nagpur Airport and is connected by 4-lane National Highway no.6. It is well connected by Railways. The Badnera railway station is on Central Railway on Mumbai-Howrah line. Amravati is an educational hub with existence of 27 engineering colleges affiliated to Sant Gadge Baba Amravati University, 16 Polytechnic institutes and Dr Panjabrao Deshmukh Agricultural University (Akola). Amravati is also very proud to have Hanuman Vyayam Prasarak Mandal (HVPM) a famous physical education institute who train young sportsman for national – international level games and sports participation. Amongst the historical landmarks is the temple of Goddess Amba Devi in the city. The Tiger rich wildlife sanctuary of Melghat and hill station Chikhaldara are famous tourist attractions located about 80 kms from here. The holy place Shegaon, about 150 km from Amravati, is a well-known pilgrimage centre.

CALL FOR PAPERS & PARTICIPATION:

IETE is organizing its 61st Annual IETE Convention on 29th and 30th September 2018. This annual convention provides a platform for researchers and academicians to share their research outcomes, call for collaborations and exchange of innovative ideas concepts knowledge and skills under a single umbrella, the IETE. The major objectives being (a) fulfilling the needs of a society and (b) achieving higher goals of establishing a prosperous nation. The convention will also have Invited Talks/Keynote addresses from eminent persons engaged in the field which will be of immense value to all. Industry – Academia interaction will also be organized to foster availability of skilled manpower in coming years. It will also help to bridge the gap between Industry and Academia. All are cordially invited to submit papers containing unpublished original work of high quality/ review articles related to the theme.

MAIN THEME: "SMART ENGINEERING FOR SUSTAINABLE DEVELOPMENT"

Major related sub sections included in the theme for submission of papers:

(1) Artificial Intelligence, (2) Machine Learning, (3) Machine Intelligence, (4) Big Data, (5) Data Analysis for Rural Development, (6) Data Science and its use for nation building, (7) Automation and Robotic, (8) Smart Factories, (9) Internet of Things, (10) IoT in Defence Products, (11) IoT in Agriculture for farmer support, (12) Topics in Impact of Automation on Society, (13) Social Networking for Nation Building. Your submission on allied topic but not limited to above topics is also welcome for submission.

Instructions to authors

Prospective Authors are requested to submit full paper not exceeding 6 pages in A4 size (MS Word Format) through email to ieteaic2k18conf@gmail.com latest by 20th August 2018. Authors of the selected papers will be intimated about the acceptance of papers. Only one author, preferably the first author will be allowed to present his paper at the conference.

Standard format of the paper submission can be downloaded from the link below <https://waset.org/downloads/templates.docx>

Publication : Selected papers submitted for this conference will be published in a reputed and indexed Journal International Journal of Electronics Communication, and Soft Computing Science and Engineering (IJECSCSE), etc.

Registration : Those who wish to participate in AIC -18 may fill up attached registration form and send it along with the registration fee by crossed cheque / DD drawn in favour of IETE Amravati Centre. It is also possible to wire transfer the registration fee on line.

Please contact IETE Amravati Centre for details regarding how to transfer registration fees online : **75880 85352, 98237 93943**

Deadline for Submission	Full Paper Submission	20th August 2018
	Notification of Acceptance	31st August 2018
	Camera Ready Copy	8th Sept. 2018

Registration	Amount Payable On or before 5th Sept 2018
Delegates / Single Author	1500.00
IETE Corporate Members	800.00
ISF Student and IETE Student Members	500.00

Registration fee can be remitted to

A/C Name: The Institution of Electronics & Telecommunication Engineers, Amravati.

A/C Number: 11062265136 IFSC: SBIN0012712

State Bank of India, Railway Station Chouk, New Town Badnera

Free Complementary registration up to 10th August 2018 for IETE Governing Council Members, IETE Distinguished Fellows and IETE Corporate members above the age of 65 years.

50TH BHABHA MEMORIAL LECTURE

An eminent personality in the field of Science and Technology will deliver 50th Bhabha Memorial Lecture after the inaugural session of Annual IETE Convention.

SOUVENIR AND PROCEEDINGS

A Souvenir will be released during the convention which will contain a report on major activities of IETE, Abstracts of invited and contributed papers, messages from dignitaries and advertisements. Best selected papers from each track will be published in technical Journal. Sponsors and advertisers are invited to send their publicity material. Please refer the "Sponsorship and Advertisement Appeal" for detailed information on our website.

PRODUCT AND SERVICES EXHIBITION:

An exhibition of products and services is planned on this occasion. The manufacturers, service providers and traders are invited to display their range of products at the exhibition site during this two days event. Please refer the "sponsorship and advertisement appeal" for detailed information on our website.

INDUSTRY ACADEMIA INTERACTION:

The Industry Academia bond is very important in order to bridge the gap between Industry requirement and skill sets possessed by students. This will be very important step for fostering the availability of skilled manpower in our nation in future. In order to bring these two important entities together an interactive session is organized



The Institution of Electronics and Telecommunication Engineers, New Delhi

Annual IETE Convention 2018 (AIC 2K18)

Theme: Smart Engineering for Sustainable Development

29th and 30th September 2018

Venue : Prof Ram Meghe Institute of Technology & Research,

Badnera- Amravati

Conference / Advertisement / Exhibition Stall / Sponsorship

REGISTRATION FORM

Name : _____

Designation : _____

Organization : _____

Whether IETE Member (Y/N) : _____

IF Yes please mention the Class and Membership No : _____

Address : _____

Ph (O) _____ (R) _____ (M) _____

Email : _____ @ _____

I am willing to participate in Industry – Academia Interaction during AIC 2018

: Yes / No

Registration Fee:

Accommodation Requested : Yes / No

Payment Details :-

A. Delegate Registration : _____

B. Advertisement : _____

C. Sponsorship: _____

Amount Total : _____

I am enclosing a crossed Cheque / DD / Online Transfer (NEFT) Number _____, Bank _____

Dated: _____ In favour of IETE Amravati Centre.

Date: _____

Signature

Approval from Authority

I hereby depute / sponsor Prof / Dr / Mr _____ for AIC-2018

during 29th and 30th Sept 2018.

Date:

Seal:

Signature