

# INSTITUTE FOR ENGINEERING RESEARCH AND PUBLICATION

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**EMPOWERS YOU**

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## 2019, SOME MAGNIFICENT MOMENTS ...

2019 gave IFERP many splendid moments which shall be bookmarks of our era towards achieving our mission to an integrated scientific revolution. Our members, associates, students & staffs together made few mile stones achieved through our R & D activities in nook & corners of the world. Leading universities and educational institutions came ahead with their hand open to collaborate with IFERP giving us opportunities to live our foot prints at several developing & developed countries. Every day of the year 2019 was one among those splendid moments when we kept on receiving proposals for collaboration & partnership. Our associations were flooded with numerous application for professional memberships with us. We were motivated by our researchers, and their support to our conferences & events that made us to stand for science & technology. Thousands of research articles were shortlisted & scrutinized for publication with our associated journals at renowned scientific repositories. Emphasizing on our mission to globalize scientific interaction multiple scientific collaborations were made with overseas universities, associations & publishers. Several conferences & events were organized with attendance and submission from nook & corners of the world. The year 2019 will be marked for our glory & success among the decades of our dedicated service towards Science, Engineering & Technology.

## BIG FOOTS TOWARDS INNOVATION WITH ASSOCIATION

Since our establishment IFERP is committed towards its tag line to connect researchers and innovators across the world through sharing of knowledge and cooperation for incubation. To modernize our journey, we collaborated with renowned institutes, colleges, universities and research centers to serve them through our vibrant network of wizards of science. IFERP is moving forward to achieve its vision of organizing Interdisciplinary Conferences from its mission of organizing Multidisciplinary Conference. IFERP launched a digital platform for its members for communication to reach the step towards united innovation.

### OVERALL

<b>400+</b> International Conferences were organized in India	<b>200+</b> International Conferences were organized all over the world other than India	<b>110+</b> International Collaborations & MoU's were signed	<b>21500+</b> Scientific Presentation
<b>90+</b> Student Chapter Establishment	<b>32000+</b> Professional Memberships		<b>28500+</b> Publications
<b>65+</b> Institutional Chapter Establishment	<b>25+</b> Awards & Appraisal	<b>1000+</b> Guest lectures & Keynotes	<b>63000+</b> Delegates Attendance

## FROM JULY 2019 SECOND PART SUCCESS

- 17 International Conferences were organized in India
- 7 International Conferences were organized all over the world other than India.
- 10 International Collaborations & MoU's were signed
- 2 IFERP Sponsored Activities in Institutions
- 6 Publication Collaborations with Institutions
- 1500+ Scientific Presentation
- 2000 + Publications
- 8000 Professional Memberships
- 100+ Guest lectures & Keynotes
- 4 Student Chapters Establishment
- 3500+ Delegates attendance
- 10 Journal Tieup

## ACTIVITIES

Technoarete Group & IFERP hosted **41 International Conferences** till December, 2019 on emerging areas of engineering, science & technology across the globe. We contributed to our nation by hosting more than 17 conferences at different universities and colleges across India.

The **International Conference on Advances in Science Engineering and Technology (ICASET- 2019)**, took place on the 19<sup>th</sup> and 20<sup>th</sup> of December 2019. The venue was the **K.S.R.M College of Engineering** in Kadapa, Andhra Pradesh. Inspiring keynote speeches were delivered by Dr. A. Srinivasulu, the Dean and Professor at the esteemed, JECRC University in Jaipur, and Dr. K. Raghava Rao, a Professor from the Dept. Of ECM at KL University in Guntur. Prof. B. Sudheer Prem Kumar, Secretary, APSCHE in Guntur, and Dr. Ande Murali Varaprasad, Professor, DRDO Scientist (Retired), were the event's 'Chief Guest' and 'Guest of Honor' respectively.



Conducted in conjunction with the **S.B. Jain Institute of Technology, Management and Research** in Nagpur, Maharashtra, the **International Conference on Innovations in Engineering Sciences Management and Technology (ICIESMT- 2019)**, took place on the 12<sup>th</sup> and 13<sup>th</sup> of December 2019. Some of the dignitaries present at this extraordinary event included Dr. Kamarul Hawari Bin Ghazali, the esteemed Professor & Dean of the Faculty of Electrical and Electronic Engineering at the Universiti Malaysia in Pahang, Malaysia, and Prof. Dipankar Pal, a Professor from the Dept. of Electrical & Electronics Engineering at BITS Pilani, K. K. Birla Goa Campus, India.



The **International Conference on Chip, Circuitry, Current, Coding, Combustion & Composites (ITC - 2019)** was organized by the IFERP on the 28<sup>th</sup> and 29<sup>th</sup> of November 2019. This global event was conducted in association with **Sri Sairam Engineering College**, located in Anekal, Bengaluru, Karnataka. Arousing keynote speeches were delivered by Dr. R. Srinivasan, Professor Emeritus (Retd.), of the CSE Department, at M.S. RIT, in Bangalore, and Mr. Sai Satish Babu. N, a Data Scientist from British Telecom in Bangalore. Mr. Dhananjay Singh, the Vice President of Engineering at the e-Governments Foundation in Bangalore, Karnataka, was facilitated as 'Guest of Honour'.



Organized in grandiose fashion, the **4<sup>th</sup> International Conference on Communication Systems (ICCS-19)**, took place on the 18<sup>th</sup> and 19<sup>th</sup> of October 2019. The event was held at **B K Birla Institute of Engineering and Technology Campus** in Pilani, Rajasthan. The likes of Dr. Ajay Agarwal, Sr. Principal Scientist & Head of Nano Biosensors Group, CSIR-CEERI Pilani, in Rajasthan; Dr. S N Sharan, Professor and Area Director (ECE), at NIIT Neemrana, in Rajasthan; Dr. R P Yadav, Professor (ECE) at MNIT in Jaipur; Prof. G. K. Tyagi, the Director at TIT&S in Bhiwani; Mr. Pierre Freyssinet, the Founder of Armstrong Robotics located in France; and Mr. Rafiq Iqbal, the Co-Founder of CYBOTICS, in Germany, graced the event.

Delegates of the **International Conference on Science Engineering and Technology (ICSET-19)**, which was organized by the IFERP, were witness to a conference of a lifetime. The event was held at **Pallavi Engineering College**, in Hyderabad, Telangana on the 27<sup>th</sup> and 28<sup>th</sup> of September 2019. Profound insights and perspectives were offered through the invigorating keynote speeches delivered by Dr. Vijay Tharad, the Director of Operations at the Corporate Professional Academy for Technical Training & Career Development as well as Dr. C.V.Gopinath, Principal of the esteemed BITS, located in Visakhapatnam.



Attendees of the **International Conference on New Achievements in Multidisciplinary Academic Research – 19** were treated to stunning insights on contemporary global research activities taking place worldwide. The event took place at the **Sri Krishna Arts and Science College**, in Coimbatore, Tamil Nadu on the 26<sup>th</sup> and 27<sup>th</sup> of September. Esteemed experts including, Dr. Ande Murali Varaprasad, Director of the CIGS Center For ISRO GNSS Studies; Dr. Mamun Bin Ibne Reaz, Professor at Universiti Kebangsaan in Malaysia, and Dr. N.Thamaraiselvan Natarajan, Professor at the Dept of Management Studies at NIT in Trichy, delivered exhilarating keynote speeches at the event.

Organized by the IFERP, the **International Conference on Recent Trends in Engineering, Management and Sciences (ICRTEMS - 2019)**, which took place on the 27<sup>th</sup> and 28<sup>th</sup> of September 2019, turned out to be a groundbreaking event. It was held at the **Delhi Institute of Technology Management & Research**, Faridabad, Hararyana. The conference was presided by prominent domain authorities including Dr. Vasdev Malhotra from J.C Bose University of Science and Technology and Prof. Hardeep Singh, the Principal of Saraswati College of Management & Technology in Jandiala Guru, Amritsar.



Taking place at the **Meerut Institute of Engineering & Technology** in Meerut, the **International Conference on Future Communication & Computing Technology (ICFCCT - 19)**, which was organized in partnership with the IFERP, turned out to be a resounding success. The event which took place on the 17<sup>th</sup> and 18<sup>th</sup> of July 2019, witnessed stalwarts from the domain, including the likes of Shri Prasenjit Das, Head- Cyber Security, Life Sciences Platform & Public Services Unit, Tata Consultancy Services and Dr. Mani Madhukar, from IBM India Pvt. Ltd. bestowed attendees with staggering knowledge and critical expertise along with Chief guest Mr. Vinay Mangal, G.M. – EIL.

The twin events - the **International Conference on Management, Engineering and Social Science (ICMESS)** and the **International Conference on Artificial intelligence and Robotics (ICAIR)**, were held in parallel at The Sahil Hotel in Mumbai on the 23<sup>rd</sup> and 24<sup>th</sup> of August 2019. Awe-inspiring keynote speeches were delivered by acclaimed field specialists including Dr. Mehran Sarkarati, Head of the Applications and Robotics Data Systems section at the European Space Operations Centre of the European Space Agency (ESA) in Germany and Dr. Sanjay Singh Thakur, Professor & Head of E&TC Engineering at the Vidyalkar Institute of Technology in Mumbai, India.



Having taken place at the **Lord Buddha Education Foundation and Patan College for Professional Studies**, Kathmandu, Nepal, as a one-day event, the **International Conference on Advances in Engineering, Technology and Contemporary Management Trends (ICAETCMT-19)**, proved to be an unforgettable affair for those in attendance. The event was organized on the 20<sup>th</sup> of September 2019. Dignitaries who graced the event with their presence included Prof. S. K. Singh, Professor & Dean (AA) from the Department of Civil and Environmental Engineering at the Delhi Technological University and Prof. Subarna Shakya, Computer Engineering from the renowned, Lviv Polytechnic National University in Ukraine.





A milestone occasion, the **International Conference on Renewable Energy & Emerging Technologies**, which was organized by the IFERP, took place in Jakarta, Indonesia on the 13<sup>th</sup> of November 2019. Enriching keynote speeches that shook the audience were delivered by the likes of Dr. Bambang - Sugiyono -Agus-Purwono, Associate Professor at the State Polytechnics of Malang in Indonesia; Dr. Zuriati Ahmad Zukarnain, Professor at the Department of Computer Science and Information Technology, University Putra Malaysia & Ms. Kris Pudyastuti, The Faculty of Earth Technology and Energy of the Department of Petroleum Engineering, at the Universitas Trisakti in Indonesia.

A momentous event, the **International Conference on Applied Sciences, Engineering, Technology & Management (ICASETEM-19)** was organized by the IFERP in association with the highly reputable, **Asia Pacific University of Technology & Innovation (APU)** in Kuala Lumpur, Malaysia. The event took place on the 16<sup>th</sup> and 17<sup>th</sup> of October 2019. Powerful speeches were delivered by prominent experts such as Dr. Pastor Arguelles, the Dean for the College of Computer Studies at the University of Perpetual Help, Molino Campus in the Philippines and Dr. Estrella O. Simon, the President of the First City Providential College in the Philippines.



## LIST OF CONFERENCES ACROSS GLOBE

To connect researchers across the globe IFERP organized International conferences in Singapore, Indonesia, Thailand, Turkey, Philippines, Malaysia, Australia, Hongkong, Vietnam, Nepal, UAE and Canada.

As always, the 22<sup>nd</sup> edition of the **World Conference on Applied Science Engineering and Technology**, which was held on the 26<sup>th</sup> and 27<sup>th</sup> of September 2019, in **Singapore**, was a spectacle to behold. Attendees of this remarkable event were treated to inspiring keynote speeches delivered by eminent experts such as Dr. Philip P Ermita, Dean of College of Engineering, University of Perpetual Help System DALTA, Philippines; and Mr. Jackie D Urrutia, Director of the Research Management Office, Polytechnic University of Philippines, Philippines.



Much like previous editions, the 23<sup>rd</sup> **World Conference on Applied Science, Engineering and Technology**, which took place in **Melbourne, Australia**, on the 24<sup>th</sup> and 25<sup>th</sup> of October 2019, turned out to be pivotal in offering all the delegates at this event, critical insights into modern technological advancements and breakthroughs. This was facilitated in part by the powerful keynote address that was delivered by Dr. Jatinder Singh Bal, Vice-Chancellor of Sant Baba Bhag Singh University in Punjab.



As in previous instances of the conference, the 24<sup>th</sup> **World Conference on Applied Science, Engineering and Technology**, which was held in **Kuala Lumpur, Malaysia**, on the 26<sup>th</sup> and 27<sup>th</sup> of November 2019, also witnessed considerable headway being made, in terms of propelling the delegates' understanding of novel concepts and methodologies in their respective domains. An inspiring keynote address was delivered by Dr. Ir Ts Vinesh Thiruchelvam, Deputy VC and Chief Innovation Officer of Asia Pacific University of Technology and Innovation in Malaysia.



Just like the earlier editions of this event, the 25<sup>th</sup> **World Conference on Applied Science, Engineering and Technology**, also turned out to be a momentous occasion. The event was held on the 29<sup>th</sup> and 30<sup>th</sup> of December 2019 in the scenic city of **Goa, India**. Eminent domain specialists including the likes of Dr. Parvinder Singh, Dean (Faculty of IT & CS) at Deenbandhu Chhotu Ram University of Science and Technology in Sonapat, India and Dr. Varsha Turkar, Professor and Head of the Dept of E&TC at Don Bosco College of Engineering in Margao, Goa, graced the event with their presence.

## SPEAKERS

In the year 2019, IFERP gave academics many thought provoking speakers who shared their knowledge and scientific experience to our delegates. Keynote addresses & guest lectures were delivered by renowned leaders from academics & industries

### SOME OF OUR GLOBAL SPEAKERS OF 2019

 <b>Dr. Bambang Sugiyono Agus Purwono</b> Senior Lecturer (Mechanical Engg.) State Polytechnic of Malang Indonesia	 <b>Mr. Yudistian Yunis</b> Director PT. PLN Gas & Geothermal Indonesia	 <b>Ms. Kris Pudyastuti</b> The Faculty of Earth Technology and Energy Department of Petroleum Engg. Universitas Trisakti, Indonesia	 <b>Dr. Estrella O. Simon</b> President First City Providential College Philippines	 <b>Dr. Subarna Shakya</b> Computer Engineering Lviv Polytechnic National University Ukraine
 <b>Dr. Kamarul Hawari Bin Ghazali</b> Professor & Dean, Faculty of EEE Universiti Malaysia Pahang	 <b>Dr. Philip P. Ermita</b> Dean, College of Engineering University of Perpetual Help System DALTA Calamba City, Laguna, Philippines	 <b>Dr. Jackie D. Urrutia</b> Director Research Management Office Polytechnic University of the Philippines	 <b>Dr. Ir Ts Vinesh Thiruchelvam</b> Deputy Vice-Chancellor & Chief Innovation Officer APU / APIT - Malaysia	 <b>Dr. Achmad Wicaksono</b> Associate Professor (Civil) Universitas Brawijaya Indonesia
 <b>Dr. Elenita M. Tiamzon</b> Research Director World Citi Colleges, Philippines	 <b>Dr. Norzahir Sapawe</b> Head of Research and Innovation Universiti Kuala Lumpur (UNIK, MICET) Malaysia	 <b>Dr. Abu Bakar Sade</b> Department of Marketing Universiti Putra Business School, Malaysia	 <b>Mr. Pastor Arguelles</b> Dean, College of Computer Studies University of Perpetual Help, Molino Campus Philippines	 <b>Dr. Mehman Sarkarati</b> Head of Applications and Robotics Data Systems section, European Space Operations Centre of the ESA Germany
 <b>Dr. Mohammad Tariqul Islam</b> Founder/Chairman Universiti Kebangsaan Malaysia	 <b>Dr. Mamun Bin Ibne Reaz</b> Founder/Chairman Universiti Kebangsaan Malaysia	 <b>Mr. Pierre Freyassinetic</b> Entrepreneur (Maker) Founder Armstrong Robotics, France	 <b>Dr. Neel P. Balba</b> Professor and Chair(CE) Lyceum of the Philippines University-Laguna Philippines	 <b>Mr. Rafiq Iqbal</b> Co-Founder Cybotics Germany

### SOME OF OUR NATIONAL SPEAKERS OF 2019

 <b>Dr. Sanjay Singh Thakur</b> Professor & Head (E&TC) Vidyalankar Institute of Technology	 <b>Shri Prasenjit Das</b> Head, Cyber Security Life Sciences Platform & Public Services Unit TCS - India	 <b>Dr. Mani Madhukar</b> Program Manager - University Relations IBM India Pvt. Ltd. India	 <b>Dr. Himanshu K. Patel</b> Associate Professor, Nirma University Chair - Student Affairs, ISA - District 14 (Asia-Pacific)	 <b>Prof. Dr. A. Sessa Rao</b> Principal Vignar's Institute of Engineering for Women Visakhapatnam, India
 <b>Dr. N. Thamaraiselvan Natarajan</b> Professor Department of Management Studies NIT - Tiruchirappalli, India	 <b>Dr. Vijay Tharad</b> Director Operations at Corporate Professional Academy for Technical Training & Career Development	 <b>Dr. C. V. Gopinath</b> Principal BITS Visakhapatnam, India	 <b>Dr. Ajay Agarwal</b> Sr. Principal Scientist & Head of Nano Biosensors Group CSIR-CEERI Pilani, Rajasthan	 <b>Prof.(Dr.) Chandra Shekhar</b> Emeritus Prof. BITS Pilani Chancellor ACSIR - Ghaziabad, India
 <b>Mr. Anurag Gupta</b> Director Stem Robo Noida	 <b>Dr. V. Balaji</b> Professor (ECE) KGC College of Technology Chennai, India	 <b>Prof.(Dr.) Dipankar Pal</b> Professor (EEE) BITS Pilani, K. K. Birla Goa Campus India	 <b>Dr. R. Srinivasan</b> Directorate of Research SRM University, Chennai India	 <b>Dr. Ande Murali Varaprasad</b> Professor & Director GISS - Andhra Pradesh India
 <b>Prof. S. K. Singh</b> Professor & Dean (AA) Civil and Environmental Engineering Dept. Delhi Technological University	 <b>Dr. K. Sujatha</b> Professor (EEE) Dr. M.G.R Educational & Research Institute, Chennai	<div> <h4>PRESS RELEASE</h4> <div> <p>Dr. S. K. Singh, Professor &amp; Dean (AA) of Civil and Environmental Engineering Dept., Delhi Technological University, has been elected as the President of the Indian Association of Engineers and Technicians (IAET) for the year 2019-2020.</p> </div> <div> <p>Dr. S. K. Singh, Professor &amp; Dean (AA) of Civil and Environmental Engineering Dept., Delhi Technological University, has been elected as the President of the Indian Association of Engineers and Technicians (IAET) for the year 2019-2020.</p> </div> </div>		

## NEW JOURNALS OF IFERP



## COLLABORATIONS & PARTNERSHIP

Working together for contributing towards humanity is what we do with our partnership with organizations & institutions. In the year 2019 IFERP collaborated with several international universities. Abiding our collaboration policies & our commitment towards service this year we associated with more than 20+ organizations across the world.

### PARTNERING WITH ACADEMIC ACROSS WORLD

#### International Conference MoU Signed:-

- Cambridge Institute of Technology, Bangalore, Karnataka.
- Chalapathi Institute of Technology, Guntur, Andhra Pradesh
- Umanath Singh Institute of Engineering & Technology, UP
- PES College of Engineering, Mandya, Karnataka
- Sri Sairam Engineering College, Chennai, Tamilnadu
- Sagar Institute of Science Technology & Research, MP
- SRM Institute of Science and Technology, Modinagar Campus, Ghaziabad, Uttar Pradesh.

#### Publication MoU Signed:-

- Chandigarh University, Ajjitgarh, Punjab
- Ennoble IP consultancy Pvt Ltd, Uttar Pradesh
- Baba Institute of Technology & Sciences, Vizhag, Andhra Pradesh
- Mepco Schlenk Engineering College, Sivakasi, Tamilnadu
- Kings College of Engineering, Tamil Nadu
- Primax Foundation, Bangalore, Karnataka

#### Student Chapter Activities:-

- Technical Presentation and Project Exhibition on Engineers Day - 2019<sup>th</sup> in EEE department, Dhanekula Institute of Engineering and technology, Vijayawada, Andhra Pradesh
- Dhansh - 2K19<sup>th</sup> - A Two Day National Level Techno Cultural Symposium in CSE Department, Dhanekula Institute of Engineering and technology, Vijayawada, Andhra Pradesh as a part of Student chapter activity.

#### Sponsored Events:-

- ADVAYA - A Techno-Cultural program conducted in Dept of CSE, Sri Sairam Engineering College, Anekal, Bangalore, Karnataka.

#### Keynote Support to College Conferences:-

- Dr.Wafik Noseir & Dr.Mohd Alias Yousuf delivered Keynote Address in International Conference organized by Muffakam Jah College of Engineering & Technology, Hyderabad, Telangana.



## ASSOCIATIONS

The year 2019 gave a buoyance towards professional membership and associations of IFERP. Exclusive professional chapters , local chapters , faculty and student chapters were established to accelerate our network and reachability to potential scholars

### NETWORKING THE COMMUNITY

IFERP launched a new digital platform for interacting with the members via dashboard. Dashboard is the end to end communication exclusively for all the activities and services to its members. IFERP established its Zonal Chapters in Bengaluru, Tirupati, Chennai, Vijayawada, Hyderabad, Kolhapur, Nagpur, Pune, Rajasthan, Kerala, Delhi & Goa.

### GLOBAL OPERATION

With our global professional networking IFERP left its footprints at many universities overseas and research centres in the year 2019. Focusing on globalizing innovation we hosted our activities in UAE, Singapore, Indonesia, Philippines, Malaysia & South Korea.

## STUDENT CHAPTERS & FORUMS

Connecting to students and making our academic services reach them with convenience and palatability is our commitment so IFERP signed MoU for establishing student chapters in different engineering colleges this year.

#### IFERP signed MoU for establishing student chapters in

- Dhanekula Institute of Engineering and technology, Vijayawada, Andhra Pradesh
- JSS Academy of Technical Education, Bangalore, Karnataka
- Meerut Institute of Engineering and Technology, Meerut, Uttar Pradesh
- NMAM Institute of Technology, Nitte, Karnataka