

International Conference on

“Renewable Energy for Sustainable Development”

RESD-2018

26-27th October 2018



Organized by: Maharana Pratap College of Technology

Putli Ghar Road (Near New Collectorate) Gwalior - 474006 (M.P.) India

in association with



Aspire Research & Social welfare Society, Ghaziabad

E-mail: editor@aestresearch.org, www.aestresearch.org

Dear Sir / Madam,

I am glad to inform you that Maharana Pratap College of Technology, Gwalior in association with AEST Research is organizing Two day International Conference on “**Renewable Energy for Sustainable Development (RESD) -2018**” on **26-27th Oct 2018** at MPCT, Gwalior, M.P, India.

Prospective authors are invited to submit full papers describing original, previously unpublished, complete work (not currently under review by another conference/journal) up to six pages in IEEE double column format including figure, results and references. All papers should be sent at conference e-mail: mpct.conference@gmail.com. The paper may also submit online at <http://www.aestresearch.org/index.php/submit-research-paper>. Papers will be accepted in word format only.

The accepted papers will be published in the conference proceedings by reputed publisher with ISBN number and extended versions of papers will be published in ICI indexed journal.

RESD-2018 will includes oral sessions and poster sessions, tutorials, invited talks, keynote address by renowned Scientists, Professors and Industry persons from India and Abroad on topics related to the conference. Original theoretical, practical, experimental, simulations, development, application, measurement, and testing based papers are invited for presentation in the conference. All submitted papers will go through rigorous plagiarism checking, language checking by expert reviewers. Details review comments will be sent to communicating authors in the form of Accepted, Accepted with changes, and rejected.

Theme of the Conference:

The conference provides an excellent international forum for assimilation and dissemination of knowledge from research in the area of renewable energy and their applications in business, academic, industry and other allied areas. The primary objective of this international conference is to bring together scientists, researchers, engineers from academia and industry. While submission related to the essential topics (listed below) is encouraged, it does not deter prospective authors from delving into other related areas. The forum will provide an international platform to exchange and share their knowledge, experiences, technological developments and researches in current trends.

Topics of the Conference: Topics of interest for submission include, but are not limited to:

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- Wind energy
 - Solar energy
 - Photovoltaic technology conversion
 - Biomass and its conversion
 - Bio-energy and Bio-fuels
 - Sustainable development
 - Waste to energy
 - Green energy and economy
 - Water/ Ocean energy
 - Water resources and quality assessment
 - Water pollution and water quality control
 - Energy Efficiency
 - Energy Security
 - Geothermal Energy
 - Hydrogen Energy and fuel cell technology applications
 - Advanced materials for energy generation and transmission
 - Energy recycling systems
 - Renewable Energy Sources
 - Green vehicles
 - Emerging technology
 - Air pollution
 - Climate change
 - Global warming
 - Socio-economics and policy issues
 - Energy policy, planning and management
 - Energy conversion
 - Energy conservation
 - Ecosystems assessment
 - Air quality assessment
 - Hybrid energy system
 - Any other relevant field

Important Dates:

Paper Submission Open	01 Aug, 2018
Paper Submission Deadline	23 Sept, 2018
Conference	26-27 Oct, 2018

Registration:

The registration fee includes conference kit, breakfast and lunch.

Categories of Delegates	Indian	Overseas
Students	1800 Rs.	75 USD
Academia/ Corporate Member	2500 Rs.	100 USD

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Mr. Narendra Singh Dhakre, Secretary

Mr. Shivendra Singh Dhakre, Treasurer

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Co-Patron:

Prof. Dr. V. M. Sahai, Advisor MPCT Gwalior

Prof. S. N. Gupta, Advisor MPCT Gwalior

Conference General Chair:

Dr. Sanjay Gomasta, Director

Convener:

Mr. Sanjay Mohite

Co-Convener:

Mr. Devendra Pratap Singh

Mr. Pankaj Shrivastava

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About The Institute:-

Inspired by the ethos and values set by the legendary warrior Late MAHARAJA MAHARANA PRATAP, this institute has been dedicated in his name, established in the year 1996, with the view of the imparting quality education in engineering.

Education and industry has always been the mainstay of civilized society. While education seeks knowledge, industry produces wealth, though progress in industry relies on novel and innovative concepts. Knowledge attains fruition when it is applied humanized and socialized. A country's progress inevitably depends on a positive fusion of professional practice and knowledge. This fact has become more relevant in the new millennium where both industry and knowledge have reached unprecedented heights. MPCT, in total concurrence with this concept, is one of institution to effectively coordinate & participate in the Institute " Industry interaction to shape the career of students."

The Pratap Vahini Samaj Kalyan Sansthan, Gwalior was registered in the year 1995. With a basic aim of imparting quality technical education, society decided to open an engineering college in Gwalior. The society was established by Lt. Shri Ram Singh Dhakre and his associates. The society established the first Engg. College of the region in

1996 in the name of great Indian legendary Maharana Pratap College of Technology, which is now the parent organization of the group society under the leadership of Lt. Shri Ram Singh Dhakre finished its second venture by establishing the first Dental College of the region in 2003, this college again has set new dimension in the field of medical education. After this, in late 20s the society promoted and established nursing college, Allied Science College and Management Institute. We create an environment conducive to learning & quality research by faculty and students. We are committed to excellence through continuous improvement in our work practices and method. The Society is committed to the social upliftment of weaker sections of society as such College has adopted village Nonera in Bhind district as a part of community service for its overall welfare and development. Various activities like medical checkup camps in rural areas are being organized from time to time. The society has also established the first Dental College of the region where 4 year BDS Course is running successfully. The College is affiliated to Jiwaji University and approved by the DCI, New Delhi.

MPCT was established under the able guidance of the Founder Principal Late Prof. K. K. Shrivastava under self-finance scheme to cater the need of technical manpower in emerging areas. - Computer Sc. & Engg., Electronics Engg., Electrical Engg., Mechanical Engg. and Information Technology. Maharana Pratap College of Technology, Gwalior, a premier Institute of the region established in 1996 was founded by Pratap Vahini Samaj Kalyan Sansthan. All the Courses are approved by AICTE, New Delhi, and Govt. of M.P. Bhopal and is affiliated to Rajiv Gandhi Prudyogiki Vishwavidyalaya, (University of Technology of M. P.), Bhopal. In a span of nineteen years the Institute has developed to a premier Engineering College of the region. The institute is having on an average 50-60% merit positions in all branches in the university examination every year. It draws its strength from its up to date facilities and highly qualified faculty. The MPCT students placed in India and abroad speak for its quality education.

About Gwalior:-

Gwalior is located on main Central Railway line between Delhi and Chennai and is well connected through air, rail and road to all parts of the country. The Institute is approximately 5 K.M. away from the Gwalior railway station. The rich industrial potential around Gwalior region offers excellent training and placement opportunities to the students. At present the institution has come to a level of well-reputed institution and this way it is being ranked and preferred as one of the best Engineering Colleges in the north western India.

About AEST Research: -

The ASPIRE- Engineering, Science and Technological Research is established in 2013. It is group of young Engineers and Scientists dedicated for research in the area of computing, electrical, electronics and communication engineering. AESTR has also Educational and Training Programs to create skilled manpower in the country by providing quality training programs in the field of Electrical, Electronics and Information Technology.

In addition to conducting a wide range of training programs in the areas of Information, Electrical, Communication and Electronics Technologies, AESTR is also providing a platform for the M.Tech, PhD Research scholar and faculty members to interact with other experts in their area of specialization Within India and abroad which provide supervision for their Research and paper Publications.

Sponsorship Opportunities:

We welcome sponsorship from companies and organizations who wish to showcase their products and services and have the opportunities of networking with academics and practitioners in the field.

With a truly global audience the conference provides an excellent opportunity for you to show your support for ongoing research and academic excellence by being involved with such important event. Academic institutions may choose to use sponsorship as a vehicle to promote their Masters and Ph.D. programs. We also welcome sponsorship of specific activities in the conference programs.

We believe that sponsoring a conference provides a superb vehicle to showcase your commitment to academic excellence and the pursuit of knowledge. Your company will benefit from interaction with a highly focused, motivated, engaged and respective audience in a relaxed environment.

Sponsorship Type and Facility	Diamond Rs.25000/-	Platinum Rs.20000/-	Gold Rs.10000/-	Silver Rs.5000/-
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Banner displayed during conference	12'x5'	8'x5'	6'x4'	3'x2'
Complementary conference Registrations with Kit	6	4	3	3

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