# Pre Registration Form

**2nd International Seminar On “Utilization of Non- Conventional Energy Sources For Sustainable Development of Rural Areas”**  
**ISNCESR’16**  
(17th & 18th March 2016)

## The Seminar registration fee details:

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee (USD)</th>
<th>Fee (INR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>For Indian Delegates (IR)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>For International Delegates (USD)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Category:**
- [ ] Non-Indian Delegates
- [ ] Indian Residents
- [ ] Indian Nationals

**Nationality:**
- [ ] Indian
- [ ] Non-Indian

**Name:**  
- [ ] Undergraduate
- [ ] Postgraduate
- [ ] Professional

**Discipline:**
- [ ] Electrical Engineering
- [ ] Renewable Energy
- [ ] Sustainable Development

**Correspondence Address:**

**Telephone No.:**  
**Mobile No.:**

**Payment Method:**
- [ ] By DD  
  **Amount Paid:**
  **DD No.:**  
  **Date of Issue DD:**

- [ ] By NEFT  
  **Beneficiary Name:** Parthivi College of Engineering & Management  
  **Name of Bank:** IDBI Bank Ltd.  
  **Branch:** Tatbandh, Raipur  
  **Bank Address:** Parthivi Pacific, G.E. Road, Tatbandh, Raipur Chhattisgarh, 492099  
  **Account Number:** 1103102000000070  
  **IFSC Code:** IBKL0001103  
  **MICR Code:** 492259005  
  **Amount Paid:**
  **Transaction Description:**
  **Transaction Date:**

**Note:** Soft Copy of filled application form and proof of transaction must be sent through mail to paras.isncesr16@gmail.com

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  Secretary, PES, Raipur  
- Mrs. Neera Verma  
  Director, PCEM, Bhilai  
- Mrs. Archana Baghel  
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- Prof. Dr. B.D. Tharakan  
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- Mr. K. Patel, EIVAGM/C (Pens), SINDH

**Convener:** Mr. Dharmraj Kumar Yadav, R & D Head, Asst. Prof. Deptt. Of Mechanical Engg, PCEM, Bhilai  
**Contact No.:** +91 7773006905

**Co-Conveners:**  
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- Mr. Sunil Sahu, Deptt. Of CSE Engg.  
- +91 7828990065  
- Mr. Abdul Khaliq, Deptt. Of Civil Engg.  
- +91 7089159337

**Seminar Website:** www.parthivicollege.com  
**Seminar Email Id:** paras.isncesr16@gmail.com

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**Parthivi College Of Engineering & Management**  
Approved by AICTE and Affiliated to C.S.V.T University, Bhilai, C.G.

**Corporative Office:** Parthivi Pacific, G.E. Road, Tatibandh, Chhattisgarh, 0771-2531800 Campus: Sirsakala, www.parthivicollege.com Email: mail@parthivicollege.com
ABOUT THE ORGANIZING INSTITUTE

Parthiv College of Engineering and Management was established in the year 2009, is one of the prominent institutions in fostering excellence in higher technological education and research. Institute is approved by All India Council for Technical Education, Ministry of H.R.D, New Delhi and affiliated to Chhattisgarh Swami Vivekananda Technical University, Bhilai, Chhattisgarh. The institute is corporate social responsibility of Parthiv Constructions Pvt. Ltd., Raipur, a renowned construction company of Chhattisgarh, incorporated under companies Act 1956 on 12.5.1993. Within a short period of time, the institute has made a notable mark in academic excellence and social development. The organizing institute has recently collaborated with renowned Software Company, Oracle to enhance the knowledge of students with the purpose to make the students outstanding and competitive in this present era. The institute also provides stimulating buzzing platform for the academicians through Research and Development cell to enhance knowledge, experiences, developments, and share new ideas and innovation in the field of science and technology.

MECHANICAL ENGINEERING

+ Renewable Energy Technology
+ Energy Storage for Future
+ Advances in Non-Conventional Energy Resource
+ Utilization of Solar Energy
+ Integrated Automation in Industry
+ Automotive Engineering
+ Production of Nano Material for Fuel Technology
+ Fabrication of Mechanical Equipments for Rural Development
+ Fabrication of solar irrigation System
+ Utilization of Waste Energy and Bio-energy for rural areas
+ Advances in modeling a analysis and simulation of manufacturing
+ Automation and Mechatronics system
+ Thermal, Heat Transfer and Fluid Dynamics and machinery

CIVIL ENGINEERING

+ Application of GIS
+ Prefabrication techniques
+ Low cost materials
+ Rural area development
+ Innovative smart techniques in construction
+ Waste water treatment
+ Construction safety management
+ Analysis and feasibility in portal frame
+ Pre-engineered building of steel
+ Energy efficient structures
+ Renewable energies and climate change mitigation
+ Integrated territorial and environmental risk analysis
+ Environmental Impact Assessment

ELECTRICAL ENGINEERING

+ Advancements in Renewable Energy & Technologies
+ Bioengineering and biocircuitry system/Environmental issues
+ Third & Fourth Generation Green Equipments for Renewable Energy
+ Energy Auditing /Efficiency, Conservation and Management
+ Green Buildings & Smart grid/ Distributed generation & micro grids/ Rural electrification with hybrid power system
+ Power electronic application & Protection of electrical equipments (PLC/SCADA).
+ Transmission coding; Recent trend in electrical equalization, detection and estimation
+ Power efficient optical transmission systems and Wireless networking
+ Soft Computing in electrical engineering (AI, Neural Networks, Fuzzy Systems, etc.)

COMPUTER SCIENCE ENGINEERING

+ Role of Internet and computer in rural Area
+ Cloud Computing, Grid Computing, Web Development
+ Role of Digital India in Rural Areas
+ Role of E-Agriculture, E-governments, E-learning, E-commerce in rural areas
+ Networking, NLP, Software Engineering & Data Mining

SCIENCE AND HUMANKIND

+ Applied Non-linear Physics
+ Applied Optics, Applied Solid State Physics, Nuclear Physics
+ Condensed Matter Physics and Materials Science
+ Environmentally sustainable manufacturing processes and systems
+ Nanoscience and Nanotechnology
+ Nanomaterial Fabrication and application
+ Nanoelectronics and nanoscale physics
+ Environmental Chemistry & Hazardous waste and their treatment
+ Physical/Organic/Inorganic/Analytical Chemistry
+ Polymer Nano composites
+ Quantum Physics
+ Fuzzy set and its application.
+ Fixed point theory and Graph theory
+ Cosmology & its application.
+ Linear programming problem.
+ Theory of complex variables
+ Role of Women in Sustainable Rural Development

PAPER SUBMISSION GUIDELINES

1. Maximum 3 Authors per paper.
2. Only registered papers will be included in seminar proceeding having ISSN/ISBN number.
3. Paper Template for seminar can be downloaded from the seminar website.
4. Full Length Papers must be sent through mail to paras.isncesr16@gmail.com at per with subject topic.
5. Paper should be based on original research work with at least 80% uniqueness.

IMPORTANT DATES

Last Date for Full Length Paper Submission: 21 January 2016
Final Acceptance Notification: 1 February 2016
Last Date of Registration: 21 February 2016
Date of Seminar (PARAS 2016): 17& 18 March 2016

REGISTRATION FEE

The Registration Fee is to be paid by D.D/ NEFT in favour of Parthivi College of Engineering & Management, Payable at IDBI Bank Ltd., Tatibandh Raipur.

<table>
<thead>
<tr>
<th>Category</th>
<th>India</th>
<th>Foreign</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students (U.G. &amp; P.G.)</td>
<td>2000/- INR per Paper</td>
<td>65 USD per Paper</td>
</tr>
<tr>
<td>Academicians/ Research Scholar</td>
<td>2500/- INR per Paper</td>
<td>70 USD per Paper</td>
</tr>
<tr>
<td>Industry Delegates</td>
<td>3500/- INR per Paper</td>
<td>80 USD per Paper</td>
</tr>
</tbody>
</table>

CALL FOR PAPERS

The Seminar aims at providing a healthy platform for exchange of ideas and knowledge among academicians for sustainable development. The organizer cordially invites abstracts and full length research oriented papers in the field of theoretical, experimental and applied aspects. The students, academicians, industrial professionals and researchers from all over the world are invited to submit unpublished and original work, but not limited to the following topics:

ELECTRONICS AND TELECOMMUNICATION

- Digitalization of rural areas/ efficient communication channel
- Role of electronics in socio-economic development of rural areas
- Image and Pattern Analysis for Database management & Security/ Low cost Integrated Circuit Design

VISION OF ISNCESR’16

1. To create awareness about emerging sources of renewable energy.
2. To promote efficient energy and clean environment.
3. To provide solutions for the future challenges of sustainable development.

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