



A TWO WEEK IN-HOUSE SPARC COURSE ON
Renewable Energy and Distributed Power Generation
(16th - 27th December, 2019)

Sponsored by:
Scheme for Promotion of Academic and
Research Collaboration (SPARC),
MHRD, GOI

Organized by:
Department of Electrical
Engineering,
NIT Warangal, India

Collaboration with:
NC State University, USA
Concordia University, Canada
University of Houston, USA

Preamble:

Scheme for Promotion of Academic and Research Collaboration (SPARC) is a Ministry of Human Resource Development (MHRD), GOI initiative to improve research ecosystem in India. It supports national premier educational institutions by facilitating academic and research collaborations between Indian institutions and the best and selected institutions across the world's 28 nations. The collaborative educational networks will work on common issue of national or international relevance. It encourages international faculty, Indian institution visits and long-term stays to teach courses and conduct workshops for the benefit of Indian researchers and students in the selected research area. Also, it funds Indian students to visit and access the premier laboratories worldwide for training and experimentation. As an outcome patents, monographs, and world-class publications will be produced.

About NIT Warangal and Department:

NIT Warangal, formerly known as Regional Engineering College was established in 1959. Over the years it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in India. There are 14 Departments offering eight undergraduate and 32 post-graduate programmes besides doctoral programmes. About 5000 students across the country and about 500 international students study on the campus.

The Department of Electrical Engineering was established as one of the major departments of NITW, in the year 1959. It offers B.Tech in Electrical & Electronics Engineering, M.Tech program in Power Electronics & Drives and Power Systems Engineering and Ph.D program. The Department has strong Industry interaction and is involved in various Research & Consultancy projects in coordination with industry, Governments of India, Telangana & Andhra Pradesh

Course Outline:

The course focus mainly on the latest trends in renewable energy and distributed power generation with application of power electronics perspective.

- Renewable Energy systems: Wind, Solar PV, Fuel cell systems etc.. and Applications.
- Power converter topologies & control techniques.
- Grid connected inverters
- Hands on practice, mixture of the current practice in the industry & futuristic trends.

Course Level:

Faculty, Ph.D. scholars & PG student from Electrical Engineering & allied branches of NIT Warangal.

Course Instructor:

Dr. Harish Sarma Krishnamoorthy

Assistant Professor & Co-PI, SPARC Project (P1392)
University of Houston, Houston, TX, USA.

Registration Fee : No Registration Free

Eligibility: The programme is exclusively open for the NITW Faculty, Ph.D scholars & PG students of Electrical Engineering Department & allied disciplines.

Last date for Registration: 15-Dec-2019, 5PM

Coordinators:

Dr. B.L. Narasimharaju, Associate Professor, PI

Dr. A.V. Giridhar, Assistant Professor, Co-PI

Dr. Ch. Ramulu, Assistant Professor, Co-PI



**A TWO WEEK IN-HOUSE SPARC COURSE ON
Renewable Energy and Distributed Power Generation
(16th - 27th December, 2019)**

Sponsored by:
Scheme for Promotion of Academic and
Research Collaboration (SPARC), MHRD,
GOI

Organized by:
Department of Electrical
Engineering,
NIT Warangal, India

Collaboration with:
NC State University, USA
Concordia University, Canada
University of Houston, USA

REGISTRATION FORM

1. Name :
2. Designation :
3. Qualification :
4. Department :
5. Institution : NIT Warangal
6. E-mail :
7. Phone No. :
8. Payment Details : **No Registration Fee**
9. Address :

SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms.

.....
is an Faculty/PhD/PG student of our
Institute & is hereby sponsored to
participate in the two week course on
**“Renewable Energy and Distributed
Power Generation”**, sponsored by Scheme
for Promotion of Academic and Research
Collaboration (SPARC), MHRD, GOI during
16th-27th December, 2019 at NIT Warangal.

Declaration :

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the course and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinator in case, I am unable to attend the course.

Signature of the Candidate with Date:

Note:

Certificate will be Issued to all Registered Participant Only.

**Signature of Head of Institution/Dept.
(with seal)**

Address for correspondence:

Dr. B.L. Narasimharaju
PI & Coordinator, SPARC P1392
Associate Professor
Dept. of Electrical Engineering, NIT Warangal,

Note: Registration forms can be submitted to course coordinators on or before 15.12.2019, 5PM.

For any enquiries please contact:

Mobile: 8332969294 /9000742219/8332969291