

## One week Induction Refresher Programme

on

## “Non-Conventional Energy Sources (Green Energy)”

Phase-I: 23/03/2021 to 30/03/2021

Phase-II: 20/04/2021 to 27/04/2021

Phase-III: 18/05/2021 to 24/05/2021

### Approved & Sponsored By



Organized by



### Department of Mechanical Engineering & Department of Mechatronics

Sanjivani Rural Education Society's

### Sanjivani K. B. P. Polytechnic, Kopergaon

(AN ISO 9001:2015 Certified)

(With NBA Accredited Programmes)

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### ABOUT INSTITUTE

Sanjivani K. B. P. Polytechnic is started in 1982 with the view to impart technical education to the rural masses. It is the premier institute in rural part of Maharashtra and has its own identity on the basis of educational quality standard, results and placement of the students. The Sanjivani K. B. P. Polytechnic is approved by AICTE, New Delhi Recognised by the Govt. of Maharashtra (DTE) & Affiliated to MSBTE, Mumbai, ISO 9001:2015 certified, and graded “Excellent” by MSBTE. Four programmes of this Institute are accredited by National Board of Accreditation, New Delhi.

### INSTITUTE VISION

Developing state of art technocrats for challenging environment of industrial context.

### INSTITUTE MISSION

Inculcating skills and talent in rural masses for socio-economic development through diploma engineering education, training & research to cope up with growing industrial environment.

### PROGRAMME OBJECTIVES

Energy is the driving force behind all economic activities. Consequently, the ever-increasing population and associated energy requirements to meet the increasing living standard has become a matter of great concern. The aim of this refresher program is to impart a brief knowledge about harnessing renewable energy. This programme will bring a positive transformation among the faculty members in understanding recent advances in renewable energy systems

### COURSE CONTENT

- Renewable Energy Scenario in India.
- Solar Energy
- Recent advances in Solar photovoltaic energy conversion
- Challenges in Solar cooling and power generation
- Introduction to E - Vehicle and Design of Battery for E-Vehicle
- Recent Trends in Green Fuel
- Advancements in Hydrogen fuelled vehicles
- Wind Energy: Energy Capabilities and Application
- Sustainable Biofuel
- Power Generation from Geothermal Energy
- Green buildings for sustainable development
- Solid Waste energy Management

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### **Prof. A. R. Mirikar**

(Principal, Sanjivani K. B. P. Polytechnic, Kopergaon)

## PROGRAM COORDINATORS

**Mr. D. A. Patil** 9561408822

Sr. Lecturer

**Mr. A. A. Dhakane** 8623881806

Lecturer

## ORGANISING COMMITTEE

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## LINK FOR REGISTRATION

<https://forms.gle/sNGK26NfK1jt7jxs5>

## LAST DATE OF REGISTRATION

Thursday 18th March 2021

## NOTIFICATION OF SELECTION:

Saturday 20th March 2021

**Participant can attend only one of the following phases**

**Phase-I: 23/03/2021 to 30/03/2021**

**Phase-II: 20/04/2021 to 27/04/2021**

**Phase-III: 18/05/2021 to 24/05/2021**

## REGISTRATION PROCESS:

- 1) No course fee charged for participants from AICTE approved Polytechnic and Engineering institutions.
- 2) Priority will be given to ISTE life members
- 3) Those who are not member but wish to become member can contact ISTE Office via mail: [istedhq@isteonline.org](mailto:istedhq@isteonline.org) [iste@isteonline.org](mailto:iste@isteonline.org) [exesecretary@isteonline.org](mailto:exesecretary@isteonline.org) or to Mobile No.- 9718905766.
- 4) The candidates will be intimated regarding their selection by Email only.

### Note:

- 1) Programme is conducted through online mode so No TA/DA is admissible to any participants.
- 2) Registration will be considered for any one phase depending upon availability of seats.
- 3) The certificate will be issued to only those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test.