



St. Johns College of Engineering & Technology
Yerrakota, Yemmiganur – 518 360, Kurnool (Dist)


CIRCULAR

Date: 02-06-2019

All the III-B.Tech I-Sem and IV-B.tech I-Sem Students are here by informed that the Department of EEE, SJCET is conducting a **Certificate Program** on “**integrated of renewable resources for solar & wind farms** ” The program will held from 08.06.2019-10.07.2019 under the coordination of **Mr M Siva Kumar**, Asst.Prof of the EEE department. Interested candidates can enroll their names on or before 04.06.2019. All the registered students must attend the certificate program without fail on the above mentioned dates.


Co-ordinator, IQAC
St. Johns College of Engineering & Technology
Yemmiganur. Kurnool (Dist.)


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Yerrakota, YEMMIGANUR (M) Kurnool (Dt.) A P


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St. Johns College of Engineering & Technology

Yerrakota, Yemmiganur – 518 360, Kurnool (Dist) A.P.

Date: 08.06.2019

Day-Wise-Schedule

Name of the Program: A certificate program integrated of renewable resources for solar and wind farms

Academic Year: 2019-2020

Program Duration: 08.06.2019-10.07.2019

Time: 09:30 AM to 12:30 PM

S.NO	DAY	DATE	TOPICS
1	Saturday	08.06.2019	Introduction and Integrated renewable energy systems
2	Monday	10.06.2019	Renewable energy systems, solar, wind, hydro, biomass, geothermal.
3	Tuesday	11.06.2019	There are various energy conversion systems to transform
4	Wednesday	12.06.2019	Solar energy thermal or converted into electrical work,
5	Thursday	13.06.2019	Solar thermal systems, concentrated solar
6	Friday	14.06.2019	Industrial processes requiring medium-high temperatures.
7	Saturday	15.06.2019	Photovoltaic systems achieve considerably higher solar-to-electricity efficiencies
8	Monday	17.06.2019	Global Energy Technologies, Smart green technologies
9	Tuesday	18.06.2019	Scheduling sequences of these equipment.
10	Wednesday	19.06.2019	Case studies are presented and analyzed thermodynamically.
11	Thursday	20.06.2019	The potential integration options of renewable energy systems including energy storage
12	Friday	21.06.2019	Decentralized systems based on renewable energy sources
13	Saturday	22.06.2019	Electrical energy demand model, the energy generation
14	Monday	24.06.2019	Optimal design of thermoelectric generator-parabolic trough collector-driven poly generation system
15	Tuesday	25.06.2019	Generating electricity using renewable energy resources

16	Wednesday	26.06.2019	Power output from renewable sources depends on variable natural resources
17	Thursday	27.06.2019	Balance electricity supply and demand on the power grid
18	Friday	28.06.2019	The proportion of renewable energy capacity on the grid grow
19	Saturday	29.06.2019	Implications of a high penetration of renewables for the grid in the future.
20	Monday	01.07.2019	Utility-Scale Generation, Distributed Generation
21	Tuesday	02.07.2019	Grid operators in terms of forecasting and meeting load.
22	Wednesday	03.07.2019	Adding solar energy to the grid becomes less and less useful for both meeting electricity demand
23	Thursday	04.07.2019	Conducting wind integration studies and developing models
24	Friday	05.07.2019	Rapid deployment and integration of wind technologies at both the transmission and distribution levels.
25	Saturday	06.07.2019	Provision of Reliability and Resilience Services
27	Monday	08.07.2019	WIND PLANT CONTROL ARCHITECTURE OF ENERGY STORAGE SYSTEMS FOR QUALITY
27	Tuesday	09.07.2019	Research needs related to cybersecurity for wind energy systems of all scales
28	Wednesday	10.07.2019	Advanced technology, careful planning, and increased flexibility to ensure a smooth transition to a renewables-dominated electrical grid.


COORDINATOR


HOD
H. O. D.
Department of E. E. E.
St. Johns College of Engineering & Technology
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