VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI
INSTITUTE OF ENGINEERING AND TECHNOLOGY
An Autonomous, ISO 9001:2015 & QS I-Gauge Diamond Rated Institute, Accredited by NAAC with 'A++' Grade
NBA Accreditation for CE, EEE, ME, ECE, CSE, EIE, IT B.Tech. Programmes
Approved by AICTE, New Delhi, Affiliated to JNTUH, NIRF(2019) 109 Rank in engineering Category
Recognized as "College with Potential for Excellence" by UGC
VignanaJyothi Nagar, Pragathi Nagar, Nizampet (S.O), Hyderabad – 500 090, TS, India.
Telephone No: 040-2304 2758/59/60, Fax: 040-23042761
E-mail: postbox@vnrvjiet.ac.in, Website: www.vnrvjiet.ac.in

M.TECH. (POWER SYSTEMS)

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

I. Be proficient in applying sustainable and comprehensive technologies to analyse, formulate and provide solutions for real time problems in diversified fields.

II. Solve complex technical problems using mezzanine technologies and tools.

III. Demonstrate interdisciplinary skills and build hands on models for testing and research.

IV. Develop professional ethics, strong communication skills, knowledge of social impacts and leadership qualities.

V. Engage in lifelong learning for a successful professional career.

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M.TECH. (POWER SYSTEMS)

PROGRAM OUTCOMES (POs)

PO1: An ability to independently carry out research /investigation and development work tosolve practical problems.

PO2: An ability to write and present a substantial technical report/document.

PO3: Students should be able to demonstrate a degree of mastery over the area as per thespecialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program.

PO4: Design and conduct experiments, to analyse the power systemmodels and interpret the data.

PO5: Function on multidisciplinary technological issues assimilating power system advancements.

PO6: Use the techniques, skills, and modern engineering simulation tools necessary for the design and development of power system technologies and engage in lifelong learning.