



GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING FOR WOMEN

KOMMADI, MADHURAWADA, VISAKHAPATNAM - 530 048

(APPROVED BY AICTE, NEW DELHI, AFFILIATED TO ANDHRA UNIVERSITY, VISAKHAPATNAM)

(ACCREDITED BY NATIONAL BOARD OF ACCREDITATION [NBA] FOR B.TECH CSE, ECE AND IT - VALID FROM 2019-22 AND 2022-25)

(ACCREDITED BY NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL [NAAC] WITH A GRADE- VALID FROM 2022-27)

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Innovative Teaching Practices

ACY:2022-2023

SNO	Class	Faculty Name	Subject	Description
1.	II-II	Dr. P.V.S.L. Jagadamba	Application of Python-Pandas	Exploration of Data Analysis is done by application of NumPy, Pandas concepts on 100 datasets.
2	II-II	Mr. A. Uday Kumar	Java Programming	Teacher asked to do Hacker Rank programs on different concepts in Java Programming
3	II-II	Ms. V. Gowtami Annapurna	Database Management System	Teacher gave 50 queries on Employee database involving different concepts, asked students to execute on their own and submit. It is used to improve the exploring ability which may let them write solutions on their own.
4	III-I	Prof MRK Krishna Rao	Artificial Intelligence	Teacher conducted quizzes
5	III-II	Prof MRK Krishna Rao	Machine Learning	Teacher conducted quizzes
6	III-II	Mr. A. Uday Kumar	Mean Stack development	Teacher advised to do courses on HTML5, JavaScript, NodeJs etc., from Infosys-Spring Board to enhance learning capability.
7	III-I	Dr R.V.S. Lakshmi Kumari	Power Systems II	Python Programming has been used in the calculation of transmission line constants. So that students can integrate programming knowledge in the core subjects.
8	II-II	Dr A.S.V. Vijaya Lakshmi	Power System I	Animated videos on power plants were shown.
9	II-II	Dr A.S.V. Vijaya Lakshmi	Power System I	Presentations on power plants in the Indian Power sector were made by students.
10	III-I	Dr R.V.S. Lakshmi Kumari	Power Systems II	PPTs has been presented for insulation and mechanical design of transmission lines
11	IV-I	Dr P. Devendra	Hybrid Electric Vehicles	PPTs has been presented on HEV

12	II-I	Mr. M. Krishna	DC Machines and Transformers	Model presentations were shown on construction details and windings of Electrical machines
13	III-I	Mr. M. Krishna	Utilization of Electrical Energy	Students have experienced hands-on learning with spot welding machine.
14	II-I	Mr. G. Tirupathi	Java Programming	Teacher asked to do Hacker Rank programs on different concepts in Java Programming
15	III-II	Mrs. P. Sridevi	Big data analytics	Teacher conducted quizzes
16	III-II	Mrs. R. Prasanna Kumari	Machine Learning	Teacher conducted quizzes
17	III-II	Dr K. Purushotam Naidu	Mean Stack development	Teacher advised to do Certification courses on HTML5, Javascript, NodeJs etc from Infosys-Spring Board to enhance learning capability.
18	II-I	K. Purushotam Naidu	Mobile App Development	Apart from the given programs in the syllabus, Teacher had also assigned projects to the students and encouraged them to do the projects and they completed their projects at the end of the semester.