



# ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Accredited by NAAC, Affiliated to JNTU, Kakinada)

(An ISO 9001: 2015 Certified Institution)

Govt Polytechnic Post, ITI Road, ALC Campus, Near Ramesh Hospital, Vijayawada-8

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING





(Accredited by NBA)

### IV B.Tech II Semester (A.Y. 2020-2021)

#### Hardware Projects

ALIET/EEE/Projects/2021

S.No.	Faculty	Title of Working Model/Product	Working Model/Product
1.	Dr. G. Naveen Kumar	Design, construction and analysis of a V-gate magnet motor for electrical applications	<p>Labels in the image:</p> <ul style="list-style-type: none"> <li>Hall sensor and Disc</li> <li>Rotor Drums made of PVC Cylinders</li> <li>Single Phase Transformers</li> <li>ATMEL ATmega328p Micro controller</li> <li>Single Phase Full wave Bridge Rectifier</li> <li>Power MOSFETs with Heat sink</li> <li>Neodymium Permanent Magnets arranged in V-shapes</li> </ul>
2.	Mr. M.Ramesh Kumar	Design aspects of an axial flux motor	

3.	Dr.M.Ajay Kumar	Hybrid Bicycle	<p>speed of the bicycle is 20 kmph.</p>  <p>Fig.8.1 Front view of Hybrid Bicycle</p>  <p>Fig.8.2 Side view of Hybrid Bicycle</p>  
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