

# G. H. RAISONI COLLEGE OF ENGINEERING & MANAGEMENT, WAGHOLI, PUNE

(An Autonomous Institute under UGC Act 1956 & Affiliated to Savitribai Phule Pune University)

## Academic Year: 2018-19[Even Term]

### Courses for Project Based Learning

| S. No. | Department             | Courses  |  |   |  |
|--------|------------------------|--|--|---|--|
|        |                        | SY   |  | TY  |  |
|        |                        | III SEM  | IV SEM   | V SEM   | VI SEM   |
| 1      | E&TC Engineering       | --   | <ol style="list-style-type: none"> <li>1. Digital System Design</li> <li>2. Analog system Design</li> </ol>  | Microcontroller and Applications  | <ol style="list-style-type: none"> <li>1. Microcontroller and Applications</li> <li>2. Open Elective: Data Analytics</li> </ol>          |
| 2      | Mechanical Engineering | Computer Aided and Manufacturing   | <ol style="list-style-type: none"> <li>1. Applied Numerical Methods and Optimization</li> <li>2. Manufacturing Process-I</li> <li>3. Mechatronics</li> </ol>                       | Machine Design I  | Machine Design II  |
| 3      | Civil Engineering      | Computer Application in Civil Engg   | Computer Application in Civil Engg-Div B   | <ol style="list-style-type: none"> <li>1. Building design and drawing</li> <li>2. Design of RCC structure</li> </ol>  | ---  |
| 4      | Computer Engineering   | <ol style="list-style-type: none"> <li>1. Operating System</li> <li>2. Object oriented Programming</li> <li>3. Data Structures</li> <li>4. Digital Electronics and logic design</li> </ol> | <ol style="list-style-type: none"> <li>1. Operating system</li> <li>2. Object Oriented Programming</li> <li>3. Data Structures</li> <li>4. Microprocessor Based Systems</li> </ol> | <ol style="list-style-type: none"> <li>1. Database Management Systems</li> <li>2. Web Technology</li> <li>3. Software engineering and project management</li> </ol> | <ol style="list-style-type: none"> <li>1. Database Management Systems</li> <li>2. Machine Learning</li> <li>3. Web Technology</li> </ol> |
| 5      | Information Technology | <ol style="list-style-type: none"> <li>1. Operating system</li> <li>2. Object oriented programming</li> <li>3. Data structure</li> </ol>   | <ol style="list-style-type: none"> <li>1. Operating system</li> <li>1. Microprocessor Based Systems</li> </ol>   | <ol style="list-style-type: none"> <li>1. Database Management Systems</li> <li>2. Web Technology</li> <li>3. Software engineering and project management</li> </ol> | Machine Learning   |
| 6      | First Year             | Sem-I :Workshop  | Sem II:<br><ol style="list-style-type: none"> <li>1. Programming in C</li> <li>2. Communication Skills &amp; Advanced Comm. Skills</li> </ol>                                      |   |  |