

**Programme: B. Tech: Energy Engineering****Sem: 7<sup>th</sup>**

| SL.N<br>O | COURSE<br>CATEGORY | COURSE<br>CODE | COURSE<br>TITLE                                                | SUBJECT NOTES                                                                                                                                                                           | SUBJECT<br>QUESTIO<br>N<br>PAPERS |
|-----------|--------------------|----------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| 1         | PCC                | 22EG71         | EnergySyst<br>emModellin<br>gand<br>Analysis                   |                                                                                                                                                                                         |                                   |
| 2         | PCC                | 22EG72         | WindEnergy<br>Utilization                                      | <a href="https://drive.google.com/file/d/1TZJc_kzE0H3KKGDU1WOcnjXAhewu5LB/view?usp=drive_link">https://drive.google.com/file/d/1TZJc_kzE0H3KKGDU1WOcnjXAhewu5LB/view?usp=drive_link</a> |                                   |
| 3         | PCC                | 22EG73         | Control and<br>Instrumentat<br>ion                             |                                                                                                                                                                                         |                                   |
| 4         | PEC                | 22EG74X        | Professional<br>ElectiveCou<br>rse-IV                          |                                                                                                                                                                                         |                                   |
| 5         | OEC                | 22EG75X        | OpenElectiv<br>eCourse-III                                     |                                                                                                                                                                                         |                                   |
| 6         | PCC                | 22EGL76        | EnergyCon<br>versionLab-<br>2                                  |                                                                                                                                                                                         |                                   |
| 7         | PCC                | 22EGL77        | Manufacturi<br>nglab                                           |                                                                                                                                                                                         |                                   |
| 8         | PEC                | 22EGL78        | Environmen<br>talLab                                           |                                                                                                                                                                                         |                                   |
| 9         | PW                 | 22PRJ78        | Project-VII                                                    |                                                                                                                                                                                         |                                   |
| 10        | HSS                | 22HSM79        | IndustrialPs<br>ychologyan<br>d<br>Organizatio<br>nalBehavior. |                                                                                                                                                                                         |                                   |

| Professional Elective Course-IV (For EG Students) |                                 |
|---------------------------------------------------|---------------------------------|
| Course Code                                       | Course Title                    |
| 22EG741                                           | Hydrogen Energy and Fuels Cells |
| 22EG742                                           | Conservation and Energy Audit   |

| Open Elective Course-III (For NONEG Students) |                                             |
|-----------------------------------------------|---------------------------------------------|
| Course Code                                   | Course Title                                |
| 22EG751                                       | Mechanical Measurements and Instrumentation |
| 22EG752                                       | Waste to Energy                             |