

| Course Type | Course Code | Name of Course                               | L | T | P | Credit |
|-------------|-------------|--|---|---|---|--------|
| DP          | NPEC511     | Working Models of Oil & Gas field operations | 0 | 0 | 3 | 1.5    |

| Course Objective  |  |               |   |
|---|--|---------------|---|
| The objective of the course is to provide hands-on training on the development of working models of oil and gas field operations.   |  |               |   |
| Learning Outcomes   |  |               |   |
| Upon Successful Completion Of This Course, students will: <ul style="list-style-type: none"> <li>• Self-understanding of the systems details.</li> <li>• Understand the knowledge of principles behind the different systems of oil and gas fields..</li> </ul> |  |               |   |
| Sl. No.   | Content  | Contact Hours | Learning outcome  |
| 1.  | Developing working model of petroleum engineering operations like drilling technology, well completion, production, reservoir simulation etc. It may include modelling and software development. | 42            | Learn the fundamental principles of drilling, well completion, production, and reservoir simulation in petroleum engineering. |
|   | Total Contact Hours  | 42            |   |