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**Coding Subjects in Preliminary Studies**

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| **College Code** | **The Department Name** | **No.** | **Code** | **The Stage** | **The Course Name** | **No.** | **Code** | **Course Title** |
| **1005** | **Petroleum** | **06** | **PE** | **1** | **General Geology** | **01** | **GG** | **101 PEGG** |
| **1005** | **Petroleum** | **06** | **PE** | **1** | **Mathematics** | **02** | **M1** | **102 PEM1** |
| **1005** | **Petroleum** | **06** | **PE** | **1** | **Computer Programming** | **03** | **CP1** | **103 PECP1** |
| **1005** | **Petroleum** | **06** | **PE** | **1** | **Engineering Drawing & Descriptive Geometry** | **04** | **DG** | **104 PEDG** |
| **1005** | **Petroleum** | **06** | **PE** | **1** | **Static & Dynamics** | **05** | **SD** | **105 PESD** |
| **1005** | **Petroleum** | **06** | **PE** | **1** | **Electrical Technology** | **06** | **ET** | **106 PEET** |
| **1005** | **Petroleum** | **06** | **PE** | **1** | **Arabic Language** | **07** | **AL** | **107 PEAL** |
| **1005** | **Petroleum** | **06** | **PE** | **1** | **English Language** | **08** | **EL1** | **108 PEEL1** |
| **1005** | **Petroleum** | **06** | **PE** | **1** | **Physics** | **09** | **PH** | **109PEPH** |
| **1005** | **Petroleum** | **06** | **PE** | **1** | **Analytical Chemistry** | **10** | **AC** | **110 PEAC** |

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| **College Code** | **The Department Name** | **No.** | **Code** | **The Stage** | **The Course Name** | **No.** | **Code** | **Course Title** |
| **1005** | **Petroleum** | **06** | **PE** | **2** | **Structural &Petroleum Geology** | **11** | **SG** | **211 PESG** |
| **1005** | **Petroleum** | **06** | **PE** | **2** | **Mathematics** | **12** | **M2** | **212 PEM2** |
| **1005** | **Petroleum** | **06** | **PE** | **2** | **Computer Programming** | **13** | **CP2** | **213 PECP2** |
| **1005** | **Petroleum** | **06** | **PE** | **2** | **Fundamentals of Petroleum Engineering** | **14** | **FP** | **214 PEFP** |
| **1005** | **Petroleum** | **06** | **PE** | **2** | **Fluid Mechanics** | **15** | **FM** | **215 PEFM** |
| **1005** | **Petroleum** | **06** | **PE** | **2** | **English Language** | **16** | **EL2** | **216 PEEL2** |
| **1005** | **Petroleum** | **06** | **PE** | **2** | **Petroleum Properties** | **17** | **PP** | **217 PEPP** |
| **1005** | **Petroleum** | **06** | **PE** | **2** | **Thermodynamics** | **18** | **TH** | **218 PETH** |
| **1005** | **Petroleum** | **06** | **PE** | **2** | **Strength Of Materials** | **19** | **SM** | **219 PESM** |
| **1005** | **Petroleum** | **06** | **PE** | **2** | **Human Rights** | **20** | **HR** | **220 PEHR** |

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| **College Code** | **The Department Name** | **No.** | **Code** | **The Stage** | **The Course Name** | **No.** | **Code** | **Course Title** |
| **1005** | **Petroleum** | **06** | **PE** | **3** | **Petroleum Reservoir Engineering I** | **21** | **PR1** | **321 PEPR1** |
| **1005** | **Petroleum** | **06** | **PE** | **3** | **Drilling Engineering I** | **22** | **DE1** | **322 PEDE1** |
| **1005** | **Petroleum** | **06** | **PE** | **3** | **Petroleum Production Engineering I** | **23** | **PE1** | **323 PEPE1** |
| **1005** | **Petroleum** | **06** | **PE** | **3** | **Well Logging** | **24** | **WL** | **324 PEWL** |
| **1005** | **Petroleum** | **06** | **PE** | **3** | **Engineering Economics** | **25** | **EE** | **325 PEEE** |
| **1005** | **Petroleum** | **06** | **PE** | **3** | **Engineering Mathematics** | **26** | **EM** | **326 PEEM** |
| **1005** | **Petroleum** | **06** | **PE** | **3** | **English Language** | **27** | **EL3** | **327 PEEL3** |
| **1005** | **Petroleum** | **06** | **PE** | **3** | **Geophysics** | **28** | **GP** | **328 PEGP** |
| **1005** | **Petroleum** | **06** | **PE** | **3** | **Engineering Statistics** | **29** | **ES** | **329 PEES** |

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| **College Code** | **The Department Name** | **No.** | **Code** | **The Stage** | **The Course Name** | **No.** | **Code** | **Course Title** |
| **1005** | **Petroleum** | **06** | **PE** | **4** | **Petroleum Reservoir II** | **30** | **PR2** | **430 PEPR2** |
| **1005** | **Petroleum** | **06** | **PE** | **4** | **Drilling Engineering II** | **31** | **DE2** | **431 PEDE2** |
| **1005** | **Petroleum** | **06** | **PE** | **4** | **Petroleum Production II** | **32** | **PE2** | **432 PEPE2** |
| **1005** | **Petroleum** | **06** | **PE** | **4** | **Secondary Oil Recovery** | **33** | **SR** | **433 PESR** |
| **1005** | **Petroleum** | **06** | **PE** | **4** | **Numerical Methods &Reservoir Simulation** | **34** | **NS** | **434 PENS** |
| **1005** | **Petroleum** | **06** | **PE** | **4** | **Gas Technology** | **35** | **GT** | **435 PEGT** |
| **1005** | **Petroleum** | **06** | **PE** | **4** | **Optimization** | **36** | **OP** | **436 PEOP** |
| **1005** | **Petroleum** | **06** | **PE** | **4** | **Integrated Reservoir Management** | **37** | **RM** | **437 PERM** |
| **1005** | **Petroleum** | **06** | **PE** | **4** | **Engineering Project** | **38** | **EP** | **438 PEEP** |
| **1005** | **Petroleum** | **06** | **PE** | **4** | **Summer Training** | **39** | **ST** | **439 PEST** |

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| **College Code** | **The Department Name** | **No.** | **Code** | **The Stage** | **The Course Name** | **No.** | **Code** | **Course Title** |
| **1005** | **Petroleum** | **06** | **PE** | **7** | **Applied Drilling Engineering** | **01** | **AD** | **701 PEAD** |
| **1005** | **Petroleum** | **06** | **PE** | **7** | **HSE** | **02** | **HS** | **702 PEHS** |
| **1005** | **Petroleum** | **06** | **PE** | **7** | **Petroleum Fiscal Systems** | **03** | **FS** | **703 PEFS** |
| **1005** | **Petroleum** | **06** | **PE** | **7** | **Petro physics** | **04** | **PP** | **704 PEPP** |
| **1005** | **Petroleum** | **06** | **PE** | **7** | **Properties of Reservoir Fluids** | **05** | **PF** | **705PEPF** |
| **1005** | **Petroleum** | **06** | **PE** | **7** | **Production Optimization** | **06** | **PO** | **706 PEPO** |

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| **College Code** | **The Department Name** | **No.** | **Code** | **The Stage** | **The Course Name** | **No.** | **Code** | **Course Title** |
| **1005** | **Petroleum** | **06** | **PE** | **8** | **Advanced Engineering Mathematics II** | **01** | **AM** | **801 PEAM** |
| **1005** | **Petroleum** | **06** | **PE** | **8** | **Fluid Flow Through Porous Media I** | **02** | **FF** | **802 PEFF** |
| **1005** | **Petroleum** | **06** | **PE** | **8** | **Advanced Production Engineering** | **03** | **AE** | **803 PEAE** |
| **1005** | **Petroleum** | **06** | **PE** | **8** | **Advanced Well Logging** | **04** | **WL** | **804 PEWL** |
| **1005** | **Petroleum** | **06** | **PE** | **8** | **Optimization Techniques I** | **05** | **OT** | **805 PEOT** |
| **1005** | **Petroleum** | **06** | **PE** | **8** | **Advanced Reservoir Engineering** | **06** | **RE** | **806 PERE** |
| **1005** | **Petroleum** | **06** | **PE** | **8** | **Reservoir Simulation** | **07** | **RS** | **807 PERS** |
| **1005** | **Petroleum** | **06** | **PE** | **8** | **Advanced Well Testing** | **08** | **WT** | **808 PEWT** |
| **1005** | **Petroleum** | **06** | **PE** | **8** | **Advanced Drilling Engineering** | **09** | **DE** | **809 PEDE** |
| **1005** | **Petroleum** | **06** | **PE** | **8** | **Natural Gas Engineering** | **10** | **NG** | **810 PENG** |
| **1005** | **Petroleum** | **06** | **PE** | **8** | **English Language** | **11** | **EL** | **811 PEEL** |

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| **College Code** | **The Department Name** | **No.** | **Code** | **The Stage** | **The Course Name** | **No.** | **Code** | **Course Title** |
| **1005** | **Petroleum** | **06** | **PE** | **9** | **Reservoir Engineering:**  **1.Advanced Reservoir Engineering II** | **01** | **RE** | **901 PERE** |
| **1005** | **Petroleum** | **06** | **PE** | **9** | **2.Fluid Flow Through Porous Media II** | **02** | **FF** | **902 PEFF** |
| **1005** | **Petroleum** | **06** | **PE** | **9** | **Production Engineering:**  **1.Multi-Phase Flow Through Pipes** | **03** | **MP** | **903 PEMP** |
| **1005** | **Petroleum** | **06** | **PE** | **9** | **2.Fluid Flow Through Porous Media** | **04** | **FF** | **904 PEFF** |
| **1005** | **Petroleum** | **06** | **PE** | **9** | **Drilling Engineering:**  **1.Advanced Drilling Engineering II** | **05** | **DE** | **905 PEDE** |
| **1005** | **Petroleum** | **06** | **PE** | **9** | **2. Slurry Transportation** | **06** | **ST** | **906 PEST** |
| **1005** | **Petroleum** | **06** | **PE** | **9** | **Advanced Engineering Mathematics II (mandatory)** | **07** | **AM** | **907 PE AM** |
| **1005** | **Petroleum** | **06** | **PE** | **9** | **English Language** | **08** | **EL** | **908 PEEL** |
| **1005** | **Petroleum** | **06** | **PE** | **9** | **Reservoir Engineering:**  **1.Enhanced Oil Recovery** | **09** | **EO** | **909 PEEO** |
| **1005** | **Petroleum** | **06** | **PE** | **9** | **2.Reservoir Simulation II** | **10** | **RS** | **910 PERS** |
| **1005** | **Petroleum** | **06** | **PE** | **9** | **Production Engineering:**  **1.Advanced Well Test Analysis II** | **11** | **WT** | **911 PEWT** |
| **1005** | **Petroleum** | **06** | **PE** | **9** | **2. Formation Evaluation** | **12** | **FE** | **912 PEFE** |

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| **College Code** | **The Department Name** | **No.** | **Code** | **The Stage** | **The Course Name** | **No.** | **Code** | **Course Title** |
| **1005** | **Petroleum** | **06** | **PE** | **9** | **Drilling Engineering:**   1. **Drilling Fluid Technology** | **13** | **DF** | **913 PEDF** |
| **1005** | **Petroleum** | **06** | **PE** | **9** | **2.Formation Evaluation** | **14** | **FE** | **914 PEFE** |
| **1005** | **Petroleum** | **06** | **PE** | **9** | **Optimization Techniques II or**  **Advanced Numerical Analysis** | **15**  **16** | **OT**  **NA** | **915 PEOT**  **916 PENA** |