<table>
<tr><td>1.</td><td colspan="5">Name of Course</td><td>Practical training</td></tr>
<tr><td>2.</td><td colspan="5">Course Code</td><td>JPRT4426</td></tr>
<tr><td></td><td colspan="6">JPRT= the first alphabet identify the faculty within which the subject is offered., JPRT = the remaining three alphabet identify the course that offers the subject, 4426 = the first digit identify level of study; in this case undergraduate level, 4426 = the second and third digits identify subject identity and 4426 = the fourth alphabet identify student’s pass or failure in the practical period</td></tr>
<tr><td>3.</td><td colspan="5">Name(s) of academic staff</td><td>To be Assigned</td></tr>
<tr><td>4.</td><td colspan="5">Rationale for the inclusion of the course/module in the programme</td><td>To expose the students to the real working environment.</td></tr>
<tr><td>5.</td><td colspan="5">Semester and Year offered</td><td>Short Semester year 3</td></tr>
<tr><td>6.</td><td colspan="2">Total Student Learning Time (SLT)</td><td colspan="3">Face to Face</td><td>Total Guided and Independent Learning</td></tr>
<tr><td></td><td colspan="2" rowspan="2">L = Lecture T = Tutorial
P = Practical S=Studio Works
O= Others</td><td>L</td><td>T</td><td>P/S</td><td>O</td><td rowspan="2">Independent Study(IS)= 0
Total =12 Weeks</td></tr>
<tr><td>-</td><td>-</td><td>12 W</td><td>-</td></tr>
<tr><td>7.</td><td colspan="5">Credit Value</td><td>6.0</td></tr>
<tr><td>8.</td><td colspan="5">Prerequisite (if any)</td><td>None</td></tr>
<tr><td>9.</td><td colspan="6">Course Objectives
1. The objective of this course is to equip the students with practical skills faced in the true working of civil engineering.

Course Learning Outcomes (CLO)
At the end of the semester students should be able to:

CLO1: To choose appropriate work upon graduation
CLO2: Carry out the work according to instructions
CLO3: Arrange and analysis the data properly and clearly
CLO4: Write the practical reports correctly</td></tr>
<tr><td>10.</td><td colspan="6">Transferable Skills:
This course is expected the development of the following transferable skills:
a) Self-management – an ability to manage time and task
b) Learning skills
▪ An ability to learn both independently and co—operatively;
▪ An ability to use library skills, to find and organize information ;
▪ An ability to use a wide range of academic skills (research, analysis, synthesis etc.);
▪ An ability to identify and evaluate personal learning strategies.
c) Teamwork
▪ An ability to take responsibility and carry out agreed task;
▪ An ability to take initiative and lead other;
▪ An ability to identify and evaluate personal learning strategy.
d) Problem solving
▪ An ability to analyse;
▪ An ability to think laterally about a problem;
▪ An ability to identify strategy options;
▪ An ability to solve the problems
e) Information technologies
▪ An ability to use specialist software where relevant to the discipline.
f) Ability to write report and defined the finding</td></tr>
</table>

11.	**Teaching-learning and assessment strategy** Formal training in the real engineering work environmental. **Assessment:** **Supervision** **30%** **Report** **70%** **Total** **100%**
12.	**Synopsis**: Industrial Training refers to work experience that is relevant to professional development prior to graduation. This industrial training would be carried out in civil engineering environment such as relating to design, construction, research work and testing so that the student would be exposed to relevant practical aspect and field work. The placement training can be carried out in any part of the world and the student can appreciate the challenges that are faced in the true working life of a civil engineer
13.	**Mode of Delivery:** Field work/design under supervision of practising engineers.

14.	**Performance Criteria :**						
	CLO-PLO	Assessment Tool	1	2	3	4	5
	Marks		0-39	40-49	50-59	60-74	75-100
	Grade		**(F)**	**(D,D+)**	**(C-,C,C+)**	**(B-,B,B+)**	**(A-,A,A+)**
	CLO1: To choose appropriate work upon graduation	**Supervision** **Report**	**Fail to:** • Learn both independent and cooperatively • Use library skills, to find and organize information • Manage time and task	**Poor to:** • Learn both independent and cooperatively • Use library skills, to find and organize information • Manage time and task	**Satisfactory to:** • Learn both independent and cooperatively • Use library skills, to find and organize information • Manage time and task	**Good to:** • Learn both independent and cooperatively • Use library skills, to find and organize information • Manage time and task	**Excellent to:** • To: Learn both independent and cooperatively • Use library skills, to find and organize information • Manage time and task
	CLO2: Carry out the work according to instructions	**Supervision** **Report**	**Fail to:** • Learn both independent and cooperatively • Use library skills, to find and organize information	**Poor to:** • Learn both independent and cooperatively • Use library skills, to find and organize information	**Satisfactory to:** • Learn both independent and cooperatively • Use library skills, to find and organize information	**Good to:** • Learn both independent and cooperatively • Use library skills, to find and organize information	**Excellent to:** • Learn both independent and cooperatively • Use library skills, to find and organize information

			• Manage time and task	• Manage time and task	• Manage time and task	• Manage time and task	• Manage time and task
	CLO3: Arrange and analysis the data properly and clearly	**Supervision** **Report**	**Fail to:** • Learn both independent and cooperatively • Use library skills, to find and organize information • Manage time and task	**Poor to:** • Learn both independent and cooperatively • Use library skills, to find and organize information • Manage time and task	**Satisfactory to:** • Learn both independent and cooperatively • Use library skills, to find and organize information • Manage time and task	**Good to:** • Learn both independent and cooperatively • Use library skills, to find and organize information • Manage time and task	**Excellent to:** • Learn both independent and cooperatively • Use library skills, to find and organize information • Manage time and task
	CLO4: Write the practical reports correctly	**Supervision** **Report**	**Fail to:** • Learn both independent and cooperatively • Use library skills, to find and organize information • Manage time and task	**Poor to:** • Learn both independent and cooperatively • Use library skills, to find and organize information • Manage time and task	**Satisfactory to:** • Learn both independent and cooperatively • Use library skills, to find and organize information • Manage time and task	**Good to:** • Learn both independent and cooperatively • Use library skills, to find and organize information • Manage time and task	**Excellent to:** • Learn both independent and cooperatively • Use library skills, to find and organize information • Manage time and task

15. **Mapping of the Programme Objectives to the Programme Learning Outcomes**

Programme Learning Outcomes (PLO) / Programme Objectives (PO)	**PLO1:** Ability to acquire and apply knowledge of science and engineering fundamentals;	**PLO2:** Acquired in-depth technical competence in civil engineering discipline;	**PLO3:** Ability to undertake problem identification, formulation and solution;	**PLO4:** Ability to utilize systems approach to design and evaluate operational performance;	**PLO5:** Understanding of the principles of design for sustainable development;	**PLO6:** Understanding of professional ethics, Islamic values, social, cultural, global and environmental responsibilities of a professional engineer and commitment to them;	**PLO7:** Ability to communicate effectively, not only with engineers but also with the community at large;	**PLO8:** ability to function effectively as an individual;	**PLO9:** Ability to function effectively in group with the capacity to be a leader or manager;	**PLO10:** Recognizing the need to undertake lifelong learning, and possessing /acquiring the capacity to do so;	**PLO11**: ability to become Entrepreneur;
PEO1: To produce graduates with proficient knowledge and competency in various areas in Civil/ Electrical/ Mechanical Engineering	✓	✓	✓								
PEO2: To produce graduates with professional, generic attributes to meet the present and future global demands.				✓	✓	✓			✓	✓	
PEO3: To produce graduates with Islamic humanistic values and reinvention skills to meet the requirement of a dynamic environment. These skills include Civil Intelligence, Moral Intelligence, Self-Reliance and Communication Skills							✓	✓	✓		✓

16. **Mapping of the course Learning Outcome to the Programme Outcome**

Programme Learning Outcomes (PLO) / Course Learning Outcome (CLO)	**PLO1:** Ability to acquire and apply knowledge of science and engineering fundamentals;	**PLO2:** Acquired in-depth technical competence in civil engineering discipline;	**PLO3:** Ability to undertake problem identification, formulation and solution;	**PLO4:** Ability to utilise systems approach to design and evaluate operational performance;	**PLO5:** Understanding of the principles of design for sustainable development;	**PLO6:** Understanding of professional ethics, Islamic values, social, cultural, global and environmental responsibilities of a professional engineer and commitment to them;	**PLO7:** Ability to communicate effectively, not only with engineers but also with the community at large;	**PLO8:** ability to function effectively as an individual;	**PLO9:** Ability to function effectively in group with the capacity to be a leader or manager;	**PLO10:** Recognising the need to undertake lifelong learning, and possessing /acquiring the capacity to do so;	**PLO11**: ability to become Entrepreneur;
CLO1: To choose appropriate work upon graduation	✓										
CLO2: Carry out the work according to instructions	✓										
CLO3: Arrange and analysis the data properly and clearly	✓	✓	✓								
CLO4: Write the practical reports correctly	✓	✓	✓								

17.	**Content outline of the course/module and the SLT per topic**						
		Details	**SLT (Hour)**				
			L	**T**	**P**	**IS**	**Total**
	Topic 1	• 12 weeks placement in industry complements the academics components of undergraduate curricula, allowing a more mature approach to the all importance Fields of year of study • • Placement in industry provides students with confidence in all aspect of civil engineering including ethics and environmental issue. • Students gain valuable experience of work in the respective working place and also experience working as teamwork. • It is very important to note that, subject to the appropriateness of the work, the six month practical training and longer times on industrial placement can help to get place for training and student can be placed on real projects in a graduate dominated environmental conditions. • The student would be supervised by a staff in the a company and would be closely monitored by a staff member through regular attachment visit • The student would be expected to submit a written report at the end of the attachment period and to present the work in seminar • Assessment would be based on the submitted report, seminar presented and the industry supervisors report	-	-	12 Weeks	-	**12 Weeks**
	Total (Hour)		**-**	-	**12 Weeks**	**-**	**12 Weeks**
18.	**Main references supporting the course**						
	Additional references supporting the course						
19.	**Other additional information** All materials will be available to the students in the library.						