



GUJARAT TECHNOLOGICAL UNIVERSITY

Bachelor of Vocation (B.Voc)

Semester: III

Branch: Software Development

Subject Name: IP Executive

Subject Code: 21130208

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks				Total Marks
L	T	P		Theory		Practical		
			ESE (E)	PA(M)	ESE (V)	PA (I)		
-	-	15	15	-	-	100	100	200

L- Lectures; T- Tutorial/Teacher Guided Student Activity; P- Practical; C- Credit; ESE- End Semester Examination; PA- Progressive Assessment

OJT Hands on Exercise/Training:

Sr. No.	Training / Hands on Exercise	Hrs.
1	<p>Research existing patents relating to software products</p> <p>PC1. establish the objectives and scope of patent research to be carried out</p> <p>PC2. identify accurately the features of software products that may be subject to patents and clarify any issues with appropriate people</p> <p>PC3. carry out comprehensive prior art searches using relevant databases to identify whether software products infringe existing patents</p> <p>PC4. review results of patent research with appropriate people and incorporate their inputs</p> <p>PC5. document the results of patent research, using standard templates and tools</p> <p>PC6. obtain advice and guidance on patent research from appropriate people, where required</p> <p>PC7. provide explanation and examples to appropriate people when software products or features infringe on existing intellectual property rights</p> <p>PC8. take action to reject patent applications when these infringe on existing software products and features patents</p> <p>PC9. give information to appropriate people about how to rectify or modify patent applications when patent claim documentation is inadequate comply with your organization's policies, standards, procedures and guidelines when researching existing patents relating to software products</p>	70
2	<p>Complete patent applications for software products under guidance</p> <p>PC1. establish your role, responsibilities and limits of authority in completing patent applications</p> <p>PC2. identify accurately the features of software products that may be patentable and clarify any issues with appropriate people</p> <p>PC3. complete patent applications accurately under guidance from appropriate people</p> <p>PC4. review completed patent applications with appropriate people and incorporate their inputs</p> <p>PC5. monitor and report the progress of patent applications to appropriate people, where required</p> <p>PC6. obtain advice and guidance on completing patent applications from appropriate people, where required</p> <p>PC7. comply with your organization's policies, standards procedures and guidelines when completing patent applications</p>	30
3	<p>Manage your work to meet requirements</p>	20



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	<p>PC1. establish and agree your work requirements with appropriate people PC2. keep your immediate work area clean and tidy PC3. utilize your time effectively PC4. use resources correctly and efficiently PC5. treat confidential information correctly PC6. work in line with your organization’s policies and procedures PC7. work within the limits of your job role PC8. obtain guidance from appropriate people, where necessary PC9. ensure your work meets the agreed requirements</p>	
4	<p>Work effectively with colleagues PC1. communicate with colleagues clearly, concisely and accurately PC2. work with colleagues to integrate your work effectively with them PC3. pass on essential information to colleagues in line with organizational requirements PC4. work in ways that show respect for colleagues PC5. carry out commitments you have made to colleagues PC6. let colleagues know in good time if you cannot carry out your commitments, explaining the reasons PC7. identify any problems you have working with colleagues and take the initiative to solve these problems PC8. follow the organization’s policies and procedures for working with colleagues</p>	20
5	<p>Maintain a healthy, safe and secure working environment PC1. comply with your organization’s current health, safety and security policies and procedures PC2. report any identified breaches in health, safety, and security policies and procedures to the designated person PC3. identify and correct any hazards that you can deal with safely, competently and within the limits of your authority PC4. report any hazards that you are not competent to deal with to the relevant person in line with organizational procedures and warn other people who may be affected PC5. follow your organization’s emergency procedures promptly, calmly, and efficiently PC6. identify and recommend opportunities for improving health, safety, and security to the designated person PC7. complete any health and safety records legibly and accurately</p>	20
6	<p>Provide data/information in standard formats PC1. establish and agree with appropriate people the data/information you need to provide, the formats in which you need to provide it, and when you need to provide it PC2. obtain the data/information from reliable sources PC3. check that the data/information is accurate, complete and up-to-date PC4. obtain advice or guidance from appropriate people where there are problems with the data/information PC5. carry out rule-based analysis of the data/information, if required PC6. insert the data/information into the agreed formats PC7. check the accuracy of your work, involving colleagues where required PC8. report any unresolved anomalies in the data/information to appropriate people PC9. provide complete, accurate and up-to-date data/information to the appropriate people in the required formats on time</p>	20



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7	Develop your knowledge, skills and competence PC1. obtain advice and guidance from appropriate people to develop your knowledge, skills and competence	20
	PC2. identify accurately the knowledge and skills you need for your job role PC3. identify accurately your current level of knowledge, skills and competence and any learning and development needs PC4. agree with appropriate people a plan of learning and development activities to address your learning needs PC5. undertake learning and development activities in line with your plan PC6. apply your new knowledge and skills in the workplace, under supervision PC7. obtain feedback from appropriate people on your knowledge and skills and how effectively you apply them PC8. review your knowledge, skills and competence regularly and take appropriate action	
	Total	200

Course Outcomes:

Sr. No.	CO Statement	Marks % Weightage
1	Apply the concepts of Research existing patents relating to software products.	25
2	Apply patent applications for software products under the guidance.	25
3	Manage work to meet requirements, Work effectively with colleagues.	25
4	Apply security concepts on data/information in standard formats with knowledge, skills and competence.	25

Reference:

1. <https://www.nqr.gov.in/qualification-title?nid=2492>