

Course Code: MT-CSE-211
Class: M.Tech (CSE/IT)- 3rd Sem.
Title: IPR and Technical Writing
Assignment Number: 1
Last Dates for Submission: 10th Nov, 2016

Instructions

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

Question 1:

- a) What is the importance of Computers in research? Discuss the role and advantages of computers & ICT in research in detail.
- b) What is literature review? Write down the significance of review of literature in the research process.

Question 2:

- a) What is a research paper? Why research work should be published in a good journal? List & discuss any five popular International journals of Computer Science & Engineering with their impact factors.
- b) Write notes on the following
 - i) Citation
 - ii) Science citation index (SCI)/ Science citation index Expanded (SCI-E)
 - iii) Plagiarism
 - iv) Impact factor of a journal.

Course Code: MT-CSE-211
Class: M.Tech (CSE/IT)- 3rd Sem.
Title: IPR and Technical Writing
Assignment Number: 2
Last Dates for Submission: 10th Nov, 2016

Instructions

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

Question 1:

- a) What are the essential features of trade mark? Explain different types of trade marks.
- b) Who is first owner of copyright under Copyright Act? Discuss the various subject matters covered under Copyright Act.

Question 2:

- a) Define the term 'Patent'. Discuss what can be Patentable and what is not. Also, explain the Procedure for Obtaining Patent.
- b) Write short note on
 - i) Intellectual Property Rights (IPR)
 - ii) Rights in Copyright: *Economic Rights & Moral Rights*
 - iii) Limitations and Exceptions of Copyright

Course Code: MT-CSE-212-3
Class: M.Tech (CSE/IT)- 3rd Sem.
Title: Departmental Elective-III - Software Quality Assurance (SQA)
Assignment Number: 1
Last Dates for Submission: 10th Nov, 2016

Instructions

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

Question 1:

- a) What are the reasons for SQA considerations to improve the software quality in the organization? Explain in detail.
- b) Explain different types of quality standards and practices.

Question 2:

- a) What is ISO? List out advantages & Disadvantages of ISO. Also, Discuss weaknesses of ISO 9000.
- b) Write short Note on the following
 - 1) CMM
 - 2) CMMI
 - 3) IEEE

Course Code: MT-CSE-212-3
Class: M.Tech (CSE/IT) - 3rd Sem.
Title: Departmental Elective-III - Software Quality Assurance (SQA)
Assignment Number: 2
Last Dates for Submission: 10th Nov, 2016

Instructions

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

Question 1:

- a) State and explain various principles of SQM.
- b) Explain the use and functions of software configuration management in detail.

Question 2:

- a) State and explain the various maturity models of CMM and explain the key process areas needed for each level.
- b) List & explain all complexity metrics and models.

Class: M.Tech (CSE/IT) - 3rd Sem.
Title: Departmental Elective-III - Mobile Ad hoc Network
Assignment Number: 1
Last Dates for Submission: 10th Nov, 2016

Instructions:

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your name, programme and enrollment number clearly at the top of the Pages.

Question 1

- a) Explain wireless routing protocol and how it avoids count to infinity problem.
- b) Briefly discuss the major security threats that exist in adhoc wireless.

Question 2

- a) Write a note on data dissemination in Wireless Sensor Network.
- b) Give a detailed classification of routing protocols for adhoc wireless network.

Class: M.Tech (CSE/IT) - 3rd Sem.
Title: Departmental Elective-III - Mobile Ad hoc Network
Assignment Number: 2
Last Dates for Submission: 10th Nov, 2016

Instructions:

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your name, programme and enrollment number clearly at the top of the Pages.

Question 1

- a) List the problems and issues faced by mobile adhoc networks using traditional TCP.
What are the requirements to shift from traditional TCP to versions of TCP?
- b) Discuss in brief WLL and its significance over wireless network.

Question 2

- a) Explain the evolution & generation of mobile cellular network.
- b) Explain in detail the MAC protocols and issues behind supporting channel access wireless networks.