



**K. K. Wagh Institute of Engineering Education & Research, Nashik**  
(An Autonomous Institute From A.Y. 2022-23)

	WINTER-2023		
	Exam Seat No.:		
	Academic Year:2023-2024	Semester:I	
	Name of Programme:M.Tech	Pattern:2022	
	Name of Course:Research Methodology and Intellectual Property Rights	Course Code:CIV225105	
	Max. Marks:60	Duration:2.30	
	<b>Instructions:</b> Candidates should read carefully the instructions printed on the Question Paper and on the cover page of the Answer Book, which is provided for their use.  1. This question paper contains 02 pages. 2. Answer to each new question is to be started on a new page. 3. Assume suitable data wherever required, but justify it. 4. Draw the neat labelled diagrams, wherever necessary. 5. The last columns indicates the Course Outcome and level of Blooms Taxonomy of the Question/sub-question.		

**Question No. 1 Attempt following Question**

- 1a) Explain the objectives of the research. (6) CO2

**Question No. 2 Attempt following Question**

- 2a) Why literature review is necessary for research explain in brief? (6) CO2

**Question No. 3 Attempt following Question**

- 3a) Short note on (8) CO3  
i) i-10 index  
ii) h-index

**OR**

- 3b) Explain the significance of a research report and narrate the various steps involved in writing a report. (8) CO3  
  
3c) What is plagiarism and what are the types of plagiarism? (8) CO3

**OR**

- 3d) Write the different types of reports, particularly- pointing out the difference between a technical report- and a popular report. (8) CO3

**Question No. 4 Attempt following Question**

- 4a) List out the various international organizations, agencies and treaties involved in intellectual property, explain any one in details. (8) CO4

**OR**

- 4b) Write down the short notes on Paris convention 1883, Berne Convention 1886 and WIPO. (8) CO4

- 4c) Briefly explain any two intellectual property and its importance. (8) CO4

**OR**

- 4d) Describe the procedure for grant patent. (8) CO4

**Question No. 5 Attempt following Question**

- 5a) Explain the significance of patent search and list out the tools. (8) CO5

**OR**

- 5b) What are the recent IPR developments in India? (8) CO5

- 5c) Explain in brief IPR of computer software. (8) CO5

**OR**

- 5d) Explain in brief Licensing and transfer of Technology. (8) CO5