

RUBRIC MAJOR PROJECT:PHASE -I MCE491P/MCN491P						
Sl. No.	Major Project Phase-I (Meets Criteria)	Marks/ CO	Excellent	Good	Average	Poor
1.	Selection of Project Title	02 CO1	Presents an insightful and focused project title statement. Title is related to the emerging trends or is research oriented	Presents a project statement with adequate insight and focus. Title includes recent trends	Presents a thesis statement with minimal insight and focus. Title includes no research but adequate novel ideas are present	Presents a thesis statement without focus. Title does not include research or no novel ideas
			(02)	(01)	(0.5)	(00)
2.	Literature Survey	08 CO2	Demonstrates comprehensive review of research papers/literature related to project topic; student identifies limitations of the existing literature (around 12-15 papers)	Demonstrates comprehensive review of research papers/literature related to student's topic; student identifies sufficiently the limitations of the existing literature (around 12-10 papers)	Demonstrates comprehensive review of research papers/literature related to project topic; student is unable to identify the limitations of the existing literature (with only 4-5 papers)	Unable to demonstrate comprehensive review of research papers/literature related to project topic; and is unable to identify the limitations of the existing literature
			(08)	(07-06)	(05-04)	(03-01)
3.	Motivation	03 CO3	Student is highly motivated based on the literature survey and research gap studied and demonstrates accurately and professionally the concepts	Student is motivated based on the literature survey and research gap studied and demonstrates adequately the concepts	Student is less motivated based on the literature survey and research gap studied and demonstrates the concepts with less clarity	Student is least motivated and does not demonstrate accurately and professionally the concepts
			(03)	(02)	(01)	(01-0.5)
4.	Problem Formulation	03 CO4	Student is able formulate the problem statement clearly	Student is able formulate the problem statement not so clearly but has some information	Student is unable define the problem statement adequately	Student is unable define the problem statement clearly and is ambiguous
			(03)	(02)	(01)	(01-0.5)
5.	Project Objectives	04 CO1	Objectives are clearly articulated and sufficient background is provided	Objectives are sufficiently articulated and some background is provided	Objectives are articulated to reader and background is not provided	Objectives are not clearly articulated
			(04)	(03)	(02)	(01)

RUBRIC MAJOR PROJECT:PHASE -II MCE491P/MCN491P						
Sl. No.	Major Project Phase-I (Meets Criteria)	Marks/ CO	Excellent	Good	Average	Poor
1.	Problem Analysis	02 CO1	Student is highly motivated based on the literature survey and research gap studied and is able to analyze the problem by gathering the requirements	Student is motivated based on the literature survey and research gap studied and demonstrates the problem adequately with concepts	Student does the literature survey, but is unable to interpret the research gap and is unable to analyze the problem	Student is least motivated and does not demonstrate the concepts and is unable to analyze the problem
			(02)	(01)	(0.5)	(00)
2.	Methodology	10 CO2	Key development decisions are well identified and/or compared and uses appropriate logic with a suitable algorithm	Key development decisions are sufficiently identified and appropriate algorithm has been identified	Key development decisions and algorithms are not identified and/or compared properly	Key development decisions are missing and appropriate algorithm not identified
			(10)	(08)	(07-04)	(03-01)
3.	Design	15 CO3	Excellent design and meets all functional requirements; flexible design can accommodate potential future changes; Takes careful account of all key constraints.	Satisfactory, flexible design meeting all functional requirements; Good bug-free implementation; Accounts for several important constraints.	Acceptable design that meets most functional requirements; Implementation mostly bug-free; Takes some account of some key constraints; Design/implementation seems brittle and not built to evolve.	Poor design focused on minimally meeting the functional requirements; Implementation seems buggy; Little or no attention paid to questions related to memory usage, response time, etc.
			(15-14)	(13-11)	(10-05)	(04-01)
4.	Modern tool usage	03 CO4	Demonstrates the use of open source tools or Licensed tools for the domain chosen with advantages/features of tools	Demonstrates the use of open source tools or Licensed tools for the domain chosen without listing the advantages of tools	Poor Demonstration of usage of tools	Does not demonstrate the usage of tools
			(03)	(02)	(01)	(01-0.5)
5.	Development of Solutions and Implementation	10 CO2	Meticulous implemented the design by following a standard process with optimal resource usage	Implemented the design by following a standard process with attention to resource usage	Implemented the design with limited amount of attention to resource usage; Standardization followed to a minimal extent.	Implemented the design but not followed the standard process with no optimal resource usage
			(10-09)	(08-07)	(06-03)	(02-01)

RUBRIC MAJOR PROJECT:PHASE -III MCE491P/MCN491P						
Sl. No.	Major Project Phase-II (Meets Criteria)	Marks/ CO	Excellent	Good	Average	Poor
1.	Testing	05 CO1	Well-designed, systematic test cases developed to test system performance with respect to all important parameters	Carefully designed, systematic test cases developed to test system performance covering to major parameters	Covers only basic essential possible test cases; Tested key aspects of system performance to a limited extent	No systematic test cases developed to test system performance. Very parameters considered for testing
			(05)	(04)	(03-02)	(01)
2.	Experimental Results and Analysis	15 CO2	Discussion on the project in terms of problem statement, design, data analysis, experimental results and application is efficiently complete. Results are sufficiently described with appropriate format for text, tables, legends, figures	Discussion on the project in terms of problem statement, design, data analysis, experimental results and application is mostly complete. Results are sufficiently described with appropriate format for text, tables, legends, figures Some aspects of the results lack clarity	Discussion on the project in terms of problem statement, design, data analysis, experimental results and application is attempted. Results are sufficiently described with appropriate format for text, tables, legends, figures Some results are described incorrectly	Discussion on the project in terms of problem statement, design, data analysis, experimental results and application is not complete. Most of the results are incorrectly described Inappropriate format and description for text, tables, legends, figures
			(15)	(14)	(13-05)	(04-01)
3.	Conclusions and Future scope of work	05 CO3	Project work is well summarized and concluded. Future scope of the project is specified well.	Project work is summarized and concluded appropriately. Future scope of the project is defined.	Project work is not so summarized and concluded well. Future scope of the project is not so well defined.	Project work is not summarized and concluded well. Future scope of the project is not defined.
			(05)	(04)	(03-02)	(01)
4.	Report writing	10 CO4	Report is well written with proper references and citations	Report is written with some references and citations	Report is not well written, minimal references and citations	Report is not as per format and references and citations are missing
			(10-09)	(08-07)	(06-03)	(02-01)
5.	Paper Publication	05 CO3	Students has submitted a draft copy of the paper to guide for review and checked for plagiarism (similarity index is less than 5%-10%)	Students has submitted a draft copy of the paper to guide for review and checked for plagiarism (similarity index is less than 15%-10%)	Students has submitted a draft copy of the paper to guide for review and checked for plagiarism (similarity index is less than 20%-15%)	Students has submitted a draft copy of the paper to guide for review and checked for plagiarism (similarity index is greater than 25%)
			(05)	(04)	(03-02)	(01)