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Minutes of Meeting  
Board of Study  
Master of Computer Application  
(Computer Science & Engineering)  
[Applicable w.e.f. Academic Session 2023-24 till Revised]



FACULTY OF ENGINEERING & TECHNOLOGY  
RAMA UNIVERSITY, UTTAR PRADESH, KANPUR


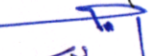



Ref: RU/FET/CSE/BOS/2023/004

Dated: 13-May-2023

Department of Computer Science & Engineering, (FET)  
Minutes of Meeting  
Boards of Studies

A meeting of Boards of Studies of Master of Computer Application held on 13-May-2023 in Dean Office. The following members were present:

1. Prof. (Dr.) Hari Om Sharan - Chairperson 
2. Prof. (Dr.) C. S. Raghuvanshi - Member 
3. Mr. Somendra Tripathi - Member 
4. Dr. Manish Dhingra - Member (Invited)
5. Mrs. Rati Bajpai - Member (Invited)

The following members agreed to review the minutes in Kanpur.

1. Prof. (Dr.) Rajeev Kumar - External Member 

**Agenda:**

1. Action Taken Report (ATR) on the basis of feedback from Stack holder/External member.
2. Action Taken Report (ATR) on the basis of Result Analysis of Session 2021-2022 (Even Semester) and 2022-23 (Odd Semester).
3. Consider and Approved Examiner Panel for Session 2023-24 Odd Semester.
4. Consider and Approved 01 Sort Term Courses:
  - a. Data Analytics and Data Science
5. Consider and approve new Evaluation Scheme and Syllabus of 02 Year MCA Program.

S. No.	Item No.	Existing	Recommendation /Action Taken
1	RU/FET/CSE/BOS/2023/004	The Evaluation Scheme and Syllabus is reviewed along with Model Curriculum released by AICTE for MCA	Evaluation scheme and syllabus of 2022-23 is passed for the session 2023-24 with no changes.

The meeting concluded with a vote of thanks to the chair.



**Date of the Next Meeting: to be decided and conveyed later**

**Chairperson**

Signature:  .....

Name: Prof. (Dr.) Hari Om Sharan

Date:


**Internal Member**

Signature:  .....

Name: Prof. (Dr.) C. S. Raghuvanshi

Date:

**Internal Member**

Signature:  .....

Name: Mr. Somendra Tripathi

Date:

**Internal Member**

Signature: .....

Name: Prof. (Dr.) Manish Dhingra

Date:

**Internal Member**

Signature: .....

Name: Rati Bajpai

Date:

**External Members**

Signature: 1.  .....

Name: Prof. (Dr.) Rajeev Kumar

Date:

***Encl.: Recommended Curriculum attached for consideration and approval.***

CC:

1. Dean
2. Registrar Office



### Program Educational Objectives

MCA Program of Rama University will prepare its students:

**PEO 1:** To progress their career productively in software industry, academia, research, entrepreneurial pursuit, government, consulting firms and other Information Technology enabled services.

**PEO 2:** To achieve peer-recognition; as an individual or in a team; by adopting ethics and professionalism and communicate effectively to excel well in cross culture and inter-disciplinary teams.

**PEO 3:** To continue a lifelong professional development in computing that contributes in self and societal growth.

### Program Specific Outcomes

On completion of the Master of Computer Applications degree, the graduates will be able to

**PSO1:** understand and apply knowledge on analysis, design and development of software applications.

**PSO2:** utilize skills and knowledge for computing practice with commitment on social, ethical and legal values.

**PSO3:** prepare graduates who will perform both as an individual and in a team through good analytical, design and implementation skills.

**PSO4:** work with latest computing technologies and pursue careers in IT industry/ consultancy/ research and development, teaching and allied areas.

**PSO5:** design, develop and implement interdisciplinary application software projects to meet the demands of industry requirements using modern tools and technologies.

**PSO6:** analyze the societal needs to provide novel solutions through technological based research.

### Program Outcomes:

**PO1 - Computational Knowledge:** Apply knowledge of computing fundamentals, computing specialization, mathematics, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements.

**PO2 - Problem Analysis:** Identify, formulate, research literature, and solve complex computing problems reaching substantiated conclusions using

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fundamental principles of mathematics, computing sciences, and relevant domain disciplines.

**PO3 - Design /Development of Solutions:** Design and evaluate solutions for complex computing problems, and design and evaluate systems, components, or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

**PO4 - Conduct investigations of complex Computing problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

**PO5 - Modern Tool Usage:** Create, select, adapt and apply appropriate techniques, resources, and modern computing tools to complex computing activities, with an understanding of the limitations.

**PO6 - Professional Ethics:** Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practices.

**PO7 - Life-long Learning:** Recognize the need, and have the ability, to engage in independent learning for continual development as a computing professional.

**PO8 - Project management and finance:** Demonstrate knowledge and understanding of the computing and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

**PO9 - Communication Efficacy:** Communicate effectively with the computing community, and with society at large, about complex computing activities by being able to comprehend and write effective reports, design documentation, make effective presentations, and give and understand clear instructions.

**PO10 - Societal and Environmental Concern:** Understand and assess societal, environmental, health, safety, legal, and cultural issues within local and global contexts, and the consequential responsibilities relevant to professional computing practices.

**PO11 - Individual and Team Work:** Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary environments.

**PO12 - Innovation and Entrepreneurship:** Identify a timely opportunity and using innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.

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