



Minutes of Meeting

Board of Study

Bachelor 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

Website: www.ramauniversity.ac.in



Ref: RU/FET/CSE/BOS/2023/001

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 approve Updated Evaluation Scheme and Syllabus of 03 Year BCA Program.

S. No.	Item No.	Existing		Recommendation /Action Taken
1	RU/FET/CSE/BOS/2023/001	The Subject code and Syllabus of the following from the existing Evaluation Scheme and Syllabus as		The BOS considered changes Syllabus and thereafter discussion, recommended such changes latest technologies in Syllabus, Departmental Elective (Semester III, IV, V and VI) & Open Elective and Course Outcomes (CO) and Program Outcomes (PO)
		Existing	Proposed	
		Semester I :		
		BCAP-101: C Programming BCAS-101: Fundamentals of Mathematics Remove topics: Unit-3: Maxima and Minima of Simple Functions	BCAP-101: C Programming UNIT -3 Add some new topics (File Management) UNIT -4 Change full unit BCAS-101: Fundamentals of Mathematics Add new topic: Basic of Statistics and	



		Semester II :		Introduce the MOOC Course for 4 semester with 3 credit.
		BCA-204: Object Oriented Programming with C++ Removed this subject code	Add BCAP-203: Java Programming BCAP-205: Web Technology BCAP-204: Operating System	
		Semester III :		
		BCA-303: Programming in JAVA	BCAP-305: Software Engineering	
		BCA-307: Operating System Shift to 2 semester	BCAP-306: Data Analytics Using Python BCAP-356: Python Lab	
		Semester IV :		
		BCS-409: Software Engineering Shift to 3 semester	BCAP-405: Foundation of AI & ML BSEC-452: R Programming Lab	

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.) Manish Dhingra

Date:

External Members

Signature: 1.....

Name: Prof. (Dr.) Rajeev Kumar

Date:

Internal Member

Signature:

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

Date:

Internal Member

Signature:

Name: Rati Bajpai

Date:

Internal Member

Signature

Name: Mr. Somendra Tripathi

Date:

Encl.: Recommended Curriculum attached for consideration and approval.

CC:

1. Dean
2. Registrar Office



Program Educational Objectives

At Rama University Computer Science and Engineering program will prepare its graduates to:

PEO-1: Graduates would demonstrate analytical and design skills including the ability to generate creative solutions and foster team-oriented, professionalism through effective communication in their careers.

PEO-2: Graduates would expertise in successful careers based on their understanding of formal and practical methods of application development using the concept of computer programming languages and design principles in national and international level.

PEO-3: Graduates would pursue advanced education, research and development moreover other creative and innovative efforts in Computer Application, as well as other professional careers.

PEO-4: Graduates would implement their exhibiting critical thinking and problem solving skills in professional practices or tackle social, technical and business challenges.

PEO-5: Graduates would illustrate effective work conventionalities and be able to adapt as well as accept to the challenges of a dynamic job environment.

Program Specific Outcomes

PSO-1: To engage in professional development and to pursue post graduate education in the fields of Information Technology and Computer Applications.

PSO-2: To provide the students about computing principles and business practices in software solutions, outsourcing services, public and private sectors.

PSO-3: Analyze and synthesis computing systems through quantitative and qualitative techniques.

PSO-4: Accept cross cultural, social, professional, legal and ethical issues prevailing in local and global industry.

Handwritten signatures and initials in blue ink, including a large signature and a set of initials.



Program Outcomes:

The main outcomes of the BCA (CSE) program are given here. At the end of the program a student shall be able:

PO-1: Acquire Knowledge of mathematical foundations, computer application theory and algorithm principles in the design and modeling of computer based system.

PO-2: Understand the basic concepts to identify, analyze, design and perform experiments for proficient interpretation of results and practices in the core of latest technologies.

PO-3: Expertise to get the knowledge of relevant fields in other faculties such as humanities, performing arts, social sciences etc. can have greatly and effectively influence which inspires in evolving new scientific theories and inventions.

PO-4: Own Skills of observations and drawing logical inferences from the scientific experiments and develop application programs to meet the desired results including attainable constraints such as social, economic, environmental, functional, technological.

PO-5: Gain exposure in solve interpersonal, social issues, preventive, ethical hacking, forensic security technologies.

PO-6: Attain potential to participate in functions professionally in multi-disciplinary teams with positive attitude and an ability to tackle and interact the audiences.

PO-7: Demonstrate flair by participating in various social and cultural activities voluntarily, in order to spread knowledge, creating awareness about the technical and non-technical events.

PO-8: Earn caliber to design, analyze and development principles in the construction of complex hardware and software computer systems.

PO-9: Attain in-depth knowledge and sustained learning leading to futuristic trends, innovation & research to fulfill global interest.

PO-10: Exhibit clarity on both conceptual and application-oriented skills of Computing for higher studies in Post Graduate programs.

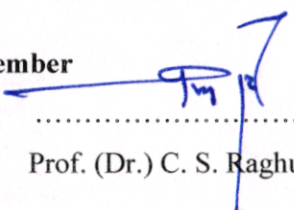
PO-11: Learn to design innovative solutions for solving real life business problems and addressing business development issues with a passion for quality competency and holistic approach.

PO-12: Implement document solutions to significant computational problems and apply mathematical and scientific reasoning to a variety of computational problems for the research in the computer application field

**Chairperson**Signature: 

Name: Prof. (Dr.) Hari Om Sharan

Date:

Internal MemberSignature: 

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

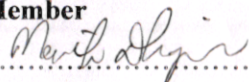
Date:

Internal Member

Signature:


Name: Mr. Somendra Tripathi

Date:

Internal MemberSignature: 

Name: Prof. (Dr.) Manish Dhingra

Date:

Internal MemberSignature: 

Name: Rati Bajpai

Date:

External MembersSignature: 1. 

Name: Prof. (Dr.) Rajeev Kumar

Date: