

**RAMNARAIN RUIA AUTONOMOUS COLLEGE****DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY**

<b>MINUTES OF MEETING</b>	<b>DATE: - 26-09-2022</b>	<b>TIME:- 2 PM to 3.40 PM</b>
<b>MEETING PLACE</b>	<b>IT Center, Department of Computer Science &amp; IT</b>	
<b>MEETING CALLED BY</b>	Ms. Megha Sawant, HOD & Chairperson	
<b>TYPE OF MEETING</b>	<b>Subject Board Meeting for B.Sc. &amp; M.Sc. Computer Science Syllabus (2022-23)</b>	
<b>NOTE TAKER</b>	Ms. Kiran Prajapati	
<b>MEMBERS ATTENDED</b>		
<ul style="list-style-type: none"><li>● Ms. Megha Sawant, Chairperson, Ramnarain Ruia Autonomous College</li><li>● Dr. Sushil Kulkarni, School of Mathematics &amp; Applied Statistics, NMIMS University</li><li>● Dr. Suhasini Vijaykumar, Professor, Bharati Vidyapeeth</li><li>● Mr. Aditya Paranjpye, Solution Architect, Integration Practice Lead, TCS</li><li>● Ms. Rasika Mundhe, Assist Prof, Ramnarain Ruia Autonomous College</li><li>● Ms. Edith Juni, Assist Prof, Ramnarain Ruia Autonomous College</li><li>● Mr. Mahavir Advaya, Assist Prof, Ramnarain Ruia Autonomous College</li><li>● Ms. Pooja Rasam, Assist Prof, Ramnarain Ruia Autonomous College</li><li>● Ms. Kiran Prajapati, Assist Prof, Ramnarain Ruia Autonomous College</li><li>● Ms. Priyanka Vaddepalli, Assist Prof, Ramnarain Ruia Autonomous College</li></ul>		
<b>MEETING AGENDA FOR B.Sc. &amp; M.Sc COMPUTER SCIENCE</b>		
<ol style="list-style-type: none"><li>1. To seek suggestions for the implementation of NEP2020 with reference to the inclusion of the features<ul style="list-style-type: none"><li>○ Four Year Undergraduate Program</li><li>○ Indian Knowledge System</li><li>○ Multidisciplinary/Trans-disciplinary approach</li><li>○ Vocational Courses</li><li>○ Industry academia collaborations</li><li>○ Internships</li></ul></li><li>2. To seek approval for the Eligibility for the admission to Postgraduate</li></ol>		

3. To seek suggestions for the new Post Graduate Programmes for the academic year 2023-24 and approve the syllabus for the same
4. Continuation of existing certificate courses (in 2023-24)
5. To seek approval for the changes in the modalities of assessment, if any, which includes the question paper pattern, for internal and semester end examination and the assessment of Semester End examinations (Theory/Practical, wherever applicable)
6. Any other matter with the permission of the Chair.

**AGENDA 1**

To seek suggestions for the implementation of NEP2020 with reference to the inclusion of the features

- Four Year Undergraduate Program
- Indian Knowledge System
- Multidisciplinary/Trans-disciplinary approach
- Vocational Courses
- Industry academia collaborations
- Internships

**DISCUSSED THAT:**

- NEP 2020 framework was discussed
- The structure of school education was briefed to the BOS members, the current structure and the new structure in NEP.
- Following points to NEP HEI's structure was discussed
  - A) There may be a 2-year Master's programmes with the second year devoted entirely to research for those who have completed the 3-year Bachelor's programme
  - B) For students completing a 4-year Bachelor's programme with Research, there could be a 1-year Master's programme  
With multiple exit options –  
  
Certificate after completing 1 year  
  
Diploma after completing 2 year  
  
Bachelor's degree after completing 3-year programme
  - C) There may be an integrated 5-year Bachelor's/Master's programme. Undertaking a Ph.D. shall require either a Master's degree or a 4-year Bachelor's degree with Research
  - D) The M.Phil. programme shall be discontinued
- NEP HEI's structure and discussed in detailed where following points were addressed:
  - A) The 4th year can be kept research or interdisciplinary related to computer science courses. Interdisciplinary can be kept in semester VII and internship in semester VIII.

## RAMNARAIN RUIA AUTONOMOUS COLLEGE

### DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

- B) Some courses from management domain like digital analytics, media analytics, bio-medical analytics, financial analytics, sports analytics etc
  - C) Second year onwards courses like Introduction to Economics can be introduced and in the last semester can be continued to various analytics domains.
  - D) Fourth year can be called an executive program. If any outside student comes, the entrance exam can be kept.
  - E) BOS members suggested that the planning of 5 years should be done in advance and include the courses in it accordingly which has employability at each exit level.
  - F) In Vocational courses , executive program can be the part
  - G) Regarding Industry Academia Collaboration, faculties can form their own course and collaborate with industry in terms of guest lectures and internship support.
  - H) In BSc, 4th year, companies can be invited to absorb more students .
  - I) In 1st year, core focus can be kept on Python programming and web development.
  - J) In the 2nd year, Java and Advanced web technologies can be kept.
  - K) In 3rd year, Trending topics like AI, Data science, Security can be brought
  - L) In 4th year, M.Sc level advanced topics in which research could be done can be kept or MBA first year papers can be brought
- In Semester 2, web development basics can be introduced. More focus on logic development and OOPs concept can be done. Programming with C title can be changed. Descriptive Statistics and Introduction to Probability paper can be renamed to Descriptive Statistics only. Linking of OOPs and Java concepts should be done. UML diagrams should be drawn first and then later seeing with the help of the diagram, code can be written, combining Java programming and OOAD from Software Engineering.

#### RESOLVED THAT:

- In 4 years BSc degree Semester VII can be interdisciplinary and in Semester VIII Internships can be introduced.
- Collaboration can be done with industry for conducting guest lectures/practicals and assisting students in getting internships.
- Introducing Web Development in Semester II
- Introducing Logic Development and OOPs, writing code from UML diagrams.
- Introducing Economic, MBA related courses in either 3rd year or 4th year with an aim to develop awareness about interdisciplinary courses that would increase the employability in various sectors in the market.
- Introducing advanced topics in 4th year in which research could be done.

#### AGENDA 2

To seek approval for the Eligibility for the admission to Postgraduate

#### DISCUSSED THAT:

- Eligibility to MSc Computer Science was discussed whether to keep open for other students from Mathematics / Physics etc
- M.Sc Specialization course admission can be kept open to all stream students.

#### RESOLVED THAT:

- No change in the Eligibility for MSc Computer Science. Only BSc Computer Science & BSc Information Technology students should be allowed.
- Whereas, MSc Specialization courses can be kept open for all streams with an entrance exam.

## RAMNARAIN RUIA AUTONOMOUS COLLEGE

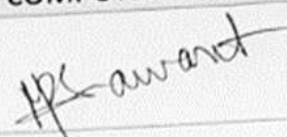
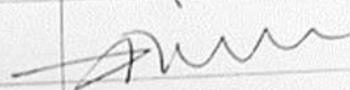
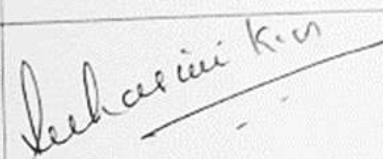

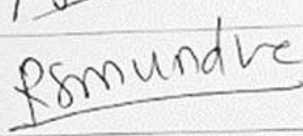
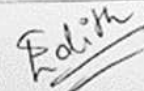
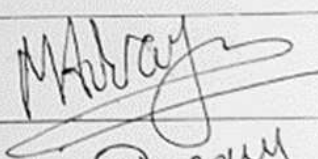
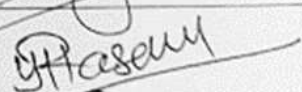
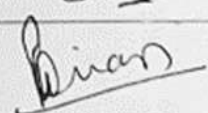
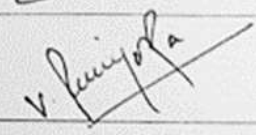
### DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

<b>AGENDA 3</b>	To seek suggestions for the new Post Graduate Programmes for the academic year 2023-24 and approve the syllabus for the same
<b>DISCUSSED THAT:</b> <ul style="list-style-type: none"><li>● M.SC Specialization in Machine Learning/Deep Learning/Data Science/AI can be introduced</li><li>● M.SC in Computer science for 1 year can be introduced where the 6 months can be teaching industry related courses and then 6 months can be internship.</li></ul> <b>RESOLVED THAT:</b> <ul style="list-style-type: none"><li>● M.Sc. Specialization courses like Data Science, AI, ML, Cyber Security, IOT were suggested by the BOS members that could be offered as One Year M.Sc. Specialization.</li></ul>	
<b>AGENDA 4</b>	Continuation of existing certificate courses (in 2023-24)
<b>DISCUSSED THAT:</b> <ul style="list-style-type: none"><li>● The certificate courses of Python Programming, Linux Fundamentals, Web Development Fundamentals will be continued.</li></ul> <b>RESOLVED THAT:</b> <ul style="list-style-type: none"><li>● Continuing the certificate courses was approved.</li></ul>	
<b>AGENDA 5</b>	To seek approval for the changes in the modalities of assessment, if any, which includes the question paper pattern, for internal and semester end examination and the assessment of Semester End examinations (Theory/Practical, wherever applicable)
<b>DISCUSSED THAT:</b> <ul style="list-style-type: none"><li>● It was informed to the BOS members that the modalities of assessment including the question paper pattern for internal and semester end exams were not changed and will be continued this year also.</li></ul> <b>RESOLVED THAT:</b> <ul style="list-style-type: none"><li>● No change in the modalities of assessment and the question paper pattern was approved.</li></ul>	
<b>AGENDA 6</b>	Any other matter with the permission of the Chair.
<b>DISCUSSED THAT:</b> <ul style="list-style-type: none"><li>● No discussions</li></ul>	

Since there were no other points to discuss, the meeting was concluded at 03.40 pm with a vote of thanks to the Subject Board & Academic Dean.

**RAMNARAIN RUIA AUTONOMOUS COLLEGE**

**DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY**

MEMBERS OF SUBJECT BOARD IN COMPUTER SCIENCE	
Ms. Megha Sawant Head Dept. of Comp. Sci. & IT Ramnarain Ruia Autonomous College	
Dr. Sushil Kulkarni School of Mathematics & Applied Statistics NMIMS University	
Dr. Siby Abraham Professor, Centre of Excellence in Analytics & Data Sciences, NMIMS (Deemed to be) University, Mumbai	
Dr. Suhasini Vijaykumar Professor, Member, ADHOC, BOS of Comp. Sci MCA Bharati Vidyapeeth	
Mr. Aditya Paranjpye Solution Architect Integration Practice Lead TCS	
Ms. Rasika Mundhe Dept. of Comp Sci Ramnarain Ruia Autonomous College	
Ms. Edith Juni Dept. of Comp Sci Ramnarain Ruia Autonomous College	
Mr. Abhijit Gole In-charge M.Sc. Comp. Sci. Dept. of Comp. Sci. Ramnarain Ruia Autonomous College	
Mr. Mahavir Advaya Dept. of Comp. Sci. Ramnarain Ruia Autonomous College	
Ms. Pooja Rasam Dept. of Comp Sci Ramnarain Ruia Autonomous College	
Ms. Kiran Prajapati Dept. of Comp Sci Ramnarain Ruia Autonomous College	
Ms. Priyanka Vaddepalli Dept. of Comp Sci Ramnarain Ruia Autonomous College	
Dr Sujata Suvarnapathki, Dean-Academics Affairs, Ramnarain Ruia Autonomous College	
Parameshwaran Iyer Student Representative	

**RAMNARAIN RUIA AUTONOMOUS COLLEGE**  
**DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY**

*MPC Sawant*



Ms. Megha Sawant

Head

Dept. of Comp. Sci. & IT

Ramnarain Ruia Autonomous College

<b>MINUTES OF MEETING</b>	<b>DATE: - 11-04-2023</b>	<b>TIME:- 11:00 AM to 11:40 AM</b>
<b>MEETING PLACE</b>	<b>Online Meeting on Google Meet</b>	
<b>MEETING CALLED BY</b>	Mrs. Aarya Tawde, HOD & Chairperson	
<b>TYPE OF MEETING</b>	<b>Subject Board Meeting for B.Sc. &amp; M.Sc. Computer Science Syllabus (2022-24)</b>	
<b>NOTE TAKER</b>	Ms. Kiran Prajapati	
<b>MEMBERS ATTENDED</b>		
<ul style="list-style-type: none"><li>● Mrs. Aarya Tawde, Chairperson, Ramnarain Ruia Autonomous College</li><li>● Dr. Sushil Kulkarni, School of Mathematics &amp; Applied Statistics, NMIMS University</li><li>● Dr. Siby Abraham, Professor, Centre of Excellence in Analytics &amp; Data Sciences, NMIMS University</li><li>● Dr. Suhasini Vijaykumar, Professor, Bharati Vidyapeeth</li><li>● Mr. Aditya Paranjpye, Solution Architect, Integration Practice Lead, TCS</li><li>● Ms. Rasika Mundhe, Assist Prof, Ramnarain Ruia Autonomous College</li><li>● Ms. Edith Juni, Assist Prof, Ramnarain Ruia Autonomous College</li><li>● Mr. Abhijeet Gole, Assist Prof, Ramnarain Ruia Autonomous College</li><li>● Mr. Mahavir Advaya, Assist Prof, Ramnarain Ruia Autonomous College</li></ul>		

# RAMNARAIN RUIA AUTONOMOUS COLLEGE

## DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

- Ms. Pooja Rasam, Assist Prof, Ramnarain Ruia Autonomous College
- Ms. Kiran Prajapati, Assist Prof, Ramnarain Ruia Autonomous College
- Ms. Priyanka Vaddepalli, Assist Prof, Ramnarain Ruia Autonomous College

### MEETING AGENDA FOR B.Sc. & M.Sc COMPUTER SCIENCE

- To seek approval for the change in the number of Credits to be awarded for the undergraduate programs B.A. and B.Sc. (for the students admitted to First Year for the academic year 2022-23) from 132 to 120.
- To seek approval for the changes in the syllabus for S.Y.B.A./B.Sc./B.VOC. /BACM and T.Y.B, A./B.Sc./B.VOC. /BACM. And MA/MSc. wherever applicable.
- Continuation of existing certificate courses (in 2023-24)
  - Python Programming
  - Web Development Fundamentals
  - Linux Fundamentals
- Any other matter with the permission of the Chair.

#### AGENDA 1

To seek approval for the change in the number of Credits to be awarded for the undergraduate programs B.A. and B.Sc. (for the students admitted to First Year for the academic year 2022-23) from 132 to 120.

#### DISCUSSED THAT:

- The discussion started with the agenda that was approved in the last Board of Studies meeting that 132 credits were approved for the B.SC program. Now, the college has decided to roll back to 120 credits, as it will not be feasible to apply 132 credits for one year as implementation of NEP is in progress, where a lot of changes will be happening in the entire credit system. So, college has decided to continue with the 120 credit system. Also, students who want to gain extra credits can do Swayam/NPTEL approved courses.

#### RESOLVED THAT:

- All the BoS members approved to continue with the 120 credit system.

#### AGENDA 2

To seek approval for the changes in the syllabus for S.Y.B.A./B.Sc./B.VOC. /BACM and T.Y.B, A./B.Sc./B.VOC. /BACM. And MA/MSc. wherever applicable.

#### DISCUSSED THAT:

- It was discussed that there are no changes brought up in the syllabus, we will be continuing with the syllabus in place.
- A change in AECC paper title name "Research Methodology" and paper pattern is needed as it creates confusion with same titled paper for other courses.
- Paper Pattern for AECC was discussed.

#### RESOLVED THAT:

**RAMNARAIN RUIA AUTONOMOUS COLLEGE**  
**DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY**

<ul style="list-style-type: none"> <li>• The members approved to change the paper title. The suggested titles for “Research methodology” AECC were Report Writing for Computer Science OR Research Methodology in Computational Science OR Research Methodology in Computing.</li> <li>• Research Methodology in Computing title was finalized.</li> <li>• Paper Pattern for AECC was approved.</li> </ul>	
<b>AGENDA 3</b>	Continuation of existing certificate courses (in 2023-24) <ul style="list-style-type: none"> <li>• Python Programming</li> <li>• Web Development Fundamentals</li> <li>• Linux Fundamentals</li> </ul>
<b>DISCUSSED THAT:</b> <ul style="list-style-type: none"> <li>• It was proposed to continue with the existing certificate courses in the next academic year also.</li> </ul> <b>RESOLVED THAT:</b> <ul style="list-style-type: none"> <li>• The members agreed and approved to continue with the same.</li> </ul>	
<b>AGENDA 4</b>	Any other matter with the permission of the Chair.
<b>DISCUSSED THAT:</b> <ul style="list-style-type: none"> <li>• There was a discussion on amendment of eligibility criteria for M.Sc. programme.</li> <li>• Regarding the rules and guidelines to start a Ph.D center in the department.</li> <li>• Suggestions regarding PhD done from other state universities.</li> </ul> <b>RESOLVED THAT:</b> <ul style="list-style-type: none"> <li>• It was resolved that the eligibility criteria can be amended as it is the need of time looking at the new UG courses that are being launched by various institutes. So to broaden the spectrum they suggested to allow students from various streams like BSc Mathematics/ Physics/ Statistics/ Computer Science/ Information Technology/AI/ML/Robotics/Cyber Security/ Data Science etc</li> <li>• While doing PhD from various state universities, BoS members suggested to find whether the institution is a UGC recognised institution and also the background of the institution.</li> </ul>	

Since there were no other points to discuss, the meeting was concluded at 11.40 AM with a vote of thanks to the Subject Board & Academic Dean.

<b>MEMBERS OF SUBJECT BOARD IN COMPUTER SCIENCE</b>
Mrs. Aarya Tawde (Ms. Megha Sawant)  Head  Dept. of Comp. Sci. & IT  Ramnarain Ruia Autonomous College
Dr. Sushil Kulkarni

**RAMNARAIN RUIA AUTONOMOUS COLLEGE**

**DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY**

School of Mathematics & Applied Statistics

NMIMS University

Dr. Siby Abraham

Professor,

Centre of Excellence in Analytics & Data Sciences, NMIMS (Deemed to be) University, Mumbai

Dr. Suhasini Vijaykumar

Professor,

Member, ADHOC, BOS of Comp. Sci

MCA

Bharati Vidyapeeth

Mr. Aditya Paranjpye

Solution Architect

Integration Practice Lead

TCS

Ms. Rasika Mundhe

Dept. of Comp Sci

Ramnarain Ruia Autonomous College

Ms. Edith Juni

Dept. of Comp Sci

Ramnarain Ruia Autonomous College

Mr. Abhijit Gole

In-charge M.Sc. Comp. Sci.

Dept. of Comp. Sci.

Ramnarain Ruia Autonomous College

Mr. Mahavir Advaya

Dept. of Comp. Sci.

**RAMNARAIN RUIA AUTONOMOUS COLLEGE**  
**DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY**

Ramnarain Ruia Autonomous College
Ms. Pooja Rasam Dept. of Comp Sci Ramnarain Ruia Autonomous College
Ms. Kiran Prajapati Dept. of Comp Sci Ramnarain Ruia Autonomous College
Ms. Priyanka Vaddepalli Dept. of Comp Sci Ramnarain Ruia Autonomous College
Dr Sujata Suvarnapathki, Dean-Academics Affairs, Ramnarain Ruia Autonomous College
Parameshwaran Iyer Student Representative

*Tawde*



Mrs. Aarya Tawde (Ms. Megha Sawant)  
Head  
Dept. of Comp. Sci. & IT  
Ramnarain Ruia Autonomous College