

RAMNARAIN RUIA AUTONOMOUS COLLEGE
DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

MINUTES OF MEETING	DATE: - 22-06-2023	TIME:- 10:00 AM to 12:00 PM
MEETING PLACE	Online Meeting on Google Meet	
MEETING CALLED BY	Mrs. Aarya Tawde, HOD & Chairperson	
TYPE OF MEETING	Subject Board Meeting for B.Sc. & M.Sc. Computer Science Syllabus (2022-24)	
NOTE TAKER	Ms. Kiran Prajapati	
MEMBERS ATTENDED		
<ul style="list-style-type: none"> ● Mrs. Aarya Tawde, Chairperson, 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 University ● Dr. Suhasini Vijaykumar, Professor, Bharati Vidyapeeth ● Mr. Aditya Paranjpye, Solution Architect, Integration Practice Lead, TCS ● Ms. Rasika Mundhe, Assist Prof, Ramnarain Ruia Autonomous College ● Ms. Edith Juni, Assist Prof, Ramnarain Ruia Autonomous College ● Mr. Abhijeet Gole, Assist Prof, Ramnarain Ruia Autonomous College ● Mr. Mahavir Advaya, Assist Prof, Ramnarain Ruia Autonomous College ● 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		
<ol style="list-style-type: none"> 1. To present the board, the proposed credit system for the Four-Year Undergraduate Programme B.Sc. Computer Science and the Post Graduate Programme M.Sc. Computer Science, aligning with the guidelines outlined in NEP2020, commencing from the Academic Year 2023- 24. 2. To seek approval for the syllabus of the first-year of undergraduate programme (Semester I and II) courses, and Postgraduate Programme (Semester I) courses including the courses offered for the subject, Generic Elective or Open Elective Courses, Ability Enhancement Courses, Skill Enhancement Courses, and Vocational Skill Enhancement Courses, Discipline specific Core Courses and Discipline specific elective Courses (whichever is applicable) for the Academic Year 2023-24. 3. Any other matter with the permission of the Chair.. 		

RAMNARAIN RUIA AUTONOMOUS COLLEGE

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

AGENDA 1	To present the board, the proposed credit system for the Four-Year Undergraduate Programme B.Sc. Computer Science and the Post Graduate Programme M.Sc. Computer Science, aligning with the guidelines outlined in NEP2020, commencing from the Academic Year 2023- 24.
DISCUSSED THAT: <ul style="list-style-type: none">● Previous BOS meeting minutes were revised. HoD mam introduced course verticals as per the NEP guidelines structure For MSC. HoD mam explained that First 3 papers for Semester 1 and 2 are kept the same , Paper 4 is introduced for 2 credits. RESOLVED THAT: <ul style="list-style-type: none">● BOS members appreciated the structure and subject allocations.	
AGENDA 2	To seek approval for the syllabus of the first-year of undergraduate program (Semester I and II) courses, and Postgraduate Program (Semester I) courses including the courses offered for the subject, Generic Elective or Open Elective Courses, Ability Enhancement Courses, Skill Enhancement Courses, and Vocational Skill Enhancement Courses, Discipline specific Core Courses and Discipline specific elective Courses (whichever is applicable) for the Academic Year 2023-24.
DISCUSSED THAT: <ul style="list-style-type: none">● MSC Part 1:<ul style="list-style-type: none">○ implementation of DevOps paper was introduced and discussions on the same were done. BOS members suggested that the introductory part or a broader view of DevOps can be offered.○ Organizational Behavior as paper 4 in next semester was introduced. It was discussed that students before going to internships get introduced through such a paper which helps them to know how to behave and work in an organization. It was also discussed that the paper comprises case studies which helps them to study and introspect on the best practices of an organization.○ A Research Methodology paper was discussed. Sushil Sir Suggested to include statistical analysis as one of the topics.● B.SC:<ul style="list-style-type: none">○ BSC Structure according to NEP guidelines was explained by HoD mam. Mam explained the entire allocation of papers in the verticals, how difficult it was to take care of all the verticals, paper to offer, check on the exit of a student, skills to be given at first year level , managing workload of faculty and a lot.○ Sushil Sir suggested combining R programming with Statistics and rename the paper as Statistics using R.○ Discussion was carried further on whether Computer Organisation and Architecture paper can be brought under VSC, DBMS to be brought under Major subject.○ Mam explained why a particular paper was put at the respective verticals.○ Lot of programming languages at first year level may go hectic for students, so 2-3 programming languages can be kept.○ Generic Elective Design Thinking syllabus was discussed.○ On suggestion of other departments from our college, the syllabus of GE Papers[python Basic] to be offered to other departments[Biotechnology, BMM] were discussed.○ The new papers like Environmental Science, Communication Skills syllabus were discussed.	

RAMNARAIN RUIA AUTONOMOUS COLLEGE
DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

RESOLVED THAT:

- MSC Part 1:
 - DevOps paper and its syllabus was approved.
 - Organizational Behavior syllabus was approved
 - Research Methodology syllabus was approved
- BSC:
 - Statistics using R can be brought up in Second Year.
 - DBMS can be offered at Semester I as a Minor subject. DBMS Syllabus was approved.
 - Keeping Computer Organisation and Architecture as a Core paper only.
 - Web Development splitted into two as Web Fundamentals and Web Programming can be introduced as 2 VSCs in Sem 1 and Sem 2.
 - Design Thinking paper, word politics was removed.
 - It was suggested by the BOS members that for the Python Basics Paper to be offered as GE for other departments , we can introduce Python libraries(numpy,panda, matplotlib) useful to their domain, unit 3 and unit 4 content can be changed accordingly.
 - Communication skills syllabus was approved.
 - Environmental Science syllabus was approved.

AGENDA 3	Any other matter with the permission of the Chair.
-----------------	--

DISCUSSED THAT:

- Suggested VSC papers by BOS members were Basic Tools for Animation whereas the GE papers that we can offer can be AI for everyone , AI for society etc.

RESOLVED THAT:

- The suggested papers can be brought up in second year.

Since there were no other points to discuss, the meeting was concluded at 12.00 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 (2023-2024)
Mrs. Aarya Tawde (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
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

Aarya Tawde



Mrs. Aarya Tawde (Ms. Megha Sawant)

Head

Dept. of Comp. Sci. & IT

Ramnarain Ruia Autonomous College

MINUTES OF MEETING	DATE: - 27-02-2024	TIME:- 09:30 AM to 11:30 AM
MEETING PLACE	Online Meeting on Google Meet	

RAMNARAIN RUIA AUTONOMOUS COLLEGE
DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

MEETING CALLED BY	Mrs. Aarya Tawde, HOD & Chairperson
TYPE OF MEETING	Subject Board Meeting for B.Sc. & M.Sc. Computer Science Syllabus (2024-25)
NOTE TAKER	Mr. Mahavir Advaya
MEMBERS ATTENDED	
<ul style="list-style-type: none"> ● Mrs. Aarya Tawde, Chairperson, 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 University ● Mr. Aditya Paranjpye, Solution Architect, Integration Practice Lead, TCS ● Ms. Rasika Mundhe, Assist Prof, Ramnarain Ruia Autonomous College ● Ms. Edith Juni, Assist Prof, Ramnarain Ruia Autonomous College ● Mr. Abhijeet Gole, Assist Prof, Ramnarain Ruia Autonomous College ● Mr. Mahavir Advaya, Assist Prof, Ramnarain Ruia Autonomous College ● 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	
<ul style="list-style-type: none"> ● To confirm the minutes of the previously held BOS Meeting ● To seek approval for the changes in the Modalities of assessment (Internal Class tests/Assignments etc.) ● To seek approval for SEC & VEC FY Syllabus approval for 50 marks Practicals. ● To seek approval for DSE Practicals converting 50 marks to 25 Marks. ● To seek suggestion on Field Projects/CEP (Community Engagement Programs) & OJT(Online Job Training) to be conducted in Semester III and IV (2024-25) ● Any other matter with the permission of the chair <ul style="list-style-type: none"> ○ To seek suggestions for the TYBSc course structure & content to be decided for V & VI (2024-25). 	
AGENDA 1	To confirm the minutes of the previously held BOS Meeting.
DISCUSSED THAT:	
<ul style="list-style-type: none"> ● Ms. Aarya Tawde briefed about previous meeting minutes. 	
AGENDA 2	To seek approval for the changes in the syllabi as per NEP2020 structure for MSc (Part I/II for the year 2024-25)
DISCUSSED THAT:	

RAMNARAIN RUIA AUTONOMOUS COLLEGE

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

- Ms. Aarya Tawde explained the NEP structure to all the BOS members and the nomenclature used like SEC, VEC, Field Project and Community Engagement Program
- Ms. [Edith Juni](#) briefed the syllabus of Android Programming Modern Application Development, Professional Skills courses that was changed for the SYBSc. She explained all the topics of these courses.
- Mr. [Mahavir Advaya](#) briefed the syllabus of Entrepreneurship & Innovation for BSc.
- Mr. [Mahavir Advaya](#) also briefed the syllabus of Human Computer Interaction & Software Defined Networks.
- Ms. [Priyanka Vaddepalli](#) briefed the course Generative AI.
- Ms. [Edith Juni](#) briefed the syllabus of Bioinformatics, Advanced Web Technologies, CRM, Digital Image Processing and Software Design Patterns courses.
- Ms. Rasika Mundhe briefed the syllabus on ERP.
- Ms. Aarya Tawde informed BOS members that we will be giving Swayam courses under GE.

RESOLVED THAT:

- Dr. Sushil Kulkarni suggested using Python for Android programming. All agreed to include python in Android programming and give python as an internal component to the students.
- Dr. Sushil Kulkarni suggested instead of giving Professional Skills as GE, give any other course that is from Computer Science. BOS members suggested giving R Programming, Business Statistics using R, or Data Visualization with PowerBi.
- All BOS members suggested having any computer's courses instead of Entrepreneurship & Innovation as suggested above or Office Automation, Course on Excel or any course on computer science.
- Both the courses Human Computer Interaction & Software Defined Networks were approved and accepted.
- In the Generative AI course Dr. Siby Ibrahim suggested removing the Introduction to AI Models topic as this is already covered in other courses in the earlier semesters. He also helped rearrange the topics. Instead of having it as a skill based course we can have it as an entire course of 4 credits including practicals. Dr. Siby Ibrahim suggested a reference book for deep learning "Deep Dive into Deep Learning".
- Bioinformatics, Advanced Web Technologies, Software Design Patterns and Digital Image Processing syllabus was approved by the BOS members.
- Instead of CRM the BOS members suggested having another course. ERP course was approved. ERP can be taken as a skill enhancement course.
- Dr. Sushil Kulkarni also suggested having Financial Analytics, Business Analytics courses, we proposed to conduct workshops and training on it instead of including as subject.
- BOS members agreed to give the Swayam courses as GE.
- BOS members advised to keep only 2 papers along with internship in the last semester as it will be difficult for the students to cope up with 4 papers and internship. Internship is very hectic for the CS/IT students in industry.

AGENDA 3

To seek approval for the changes in the Modalities of assessment (Internal Class tests/Assignments etc.), if any.

DISCUSSED THAT:

- As there were no changes in the existing modalities of assessment there was no discussion on this agenda.

RAMNARAIN RUIA AUTONOMOUS COLLEGE
DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

AGENDA 4	To seek suggestion on Field Projects/CEP (Community Engagement Programs) to be conducted in Semester III and IV (2024-25)
DISCUSSED THAT:	
<ul style="list-style-type: none"> Ms. Rasika Munde briefed the Field Project guidelines. We also asked for suggestions under community engagement programs. The Chairperson briefed the BOS members about the concept of Community Engagement Program. Ms. Priyanka Vaddepalli briefed the co-curricular activity guidelines. 	
RESOLVED THAT:	
<ul style="list-style-type: none"> BOS members suggested identifying a problem and collecting data and trying to provide a solution or help the community to overcome the problem. BOS members suggested getting connected with NGOs for community engagement programs. 	
AGENDA 5	To seek approval for the new/continue certificate courses, if any (for 2024-25)
DISCUSSED THAT:	
<ul style="list-style-type: none"> The continuation of previously approved certificate courses were approved in the BOS IT meeting. 	
AGENDA 6	Any other matter with the permission of the Chair
<ul style="list-style-type: none"> As there were no other matters to be discussed the meeting ended with thanking the BOS members. 	
AGENDA 7	Revised UG & PG structure
DISCUSSED THAT:	
<ul style="list-style-type: none"> The Incharge Director, Higher Education has recently issued guidelines that allow us a flexible model of credit distribution for courses with intensive OJT/ RP etc. This circular gave us an opportunity to review our credit distribution for PG Science courses where we have a Research Project in Sem III and On Job Training in Sem IV. There are also some amendments in the FY structure suggested after review of UG curriculum. These amendments are passed by our Council of Science HoD's. As the above instructions were received after the BOS meeting, an email regarding the same was sent to all BOS members seeking the approval. 	
RESOLVED THAT:	
<ul style="list-style-type: none"> Received email approval from all BOS members. MSc credit distribution for Sem III (2023-24)- Increase in credits for research projects from 4 to 6. DSC paper with 2 credits is deleted MSc credit distribution for Sem IV (2023-24)- Increase in credits for OJT from 6 to 10 credits. One DSC paper with 4 (3+1) credits shifted to the basket of DSE. VSC and SEC papers of UG Sem I and Sem II will be converted to 2 credit practical based papers from 2024-25. Restructured syllabus will be mailed to you for approval. All practical exams will be conducted for 25 marks / credit 	

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.

MEMBERS OF SUBJECT BOARD IN COMPUTER SCIENCE

RAMNARAIN RUIA AUTONOMOUS COLLEGE
DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

Mrs. Aarya Tawde (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

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

RAMNARAIN RUIA AUTONOMOUS COLLEGE
DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

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. Arya Tawde (Ms. Megha Sawant)

Head

Dept. of Comp. Sci. & IT

Ramnarain Ruia Autonomous College