

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

MINUTES OF MEETING	DATE: - 19-10-2020	TIME:- 04:00 PM to 06:00 PM
MEETING PLACE	Department of Comp. Sci. & IT, GOOGLE MEET (Work From Home)	
MEETING CALLED BY	Ms. Megha Sawant, HOD & Chairperson	
TYPE OF MEETING	Board of Studies Meeting for B.Sc. & M.Sc. Computer Science Syllabus (2020-21)	
NOTE TAKER	Ms. Kiran Prajapati	
MEMBERS ATTENDED		
<ul style="list-style-type: none">● Ms. Megha Sawant, Chairperson, Ramnarain Ruia Autonomous College● Dr. Siby Abraham, Assist Prof, Khalsa College● Dr. Ganesh Magar, Assist Prof, S.N.D.T Women's University● Dr. Suhasini Vijaykumar, Professor, Bharati Vidyapeeth● Mr. Jasmin Dawada, Interskil Private Limited● Mr. Abhijeet Gole, Assist Prof, Ramnarain Ruia Autonomous College● Ms. Rasika Mundhe, Assist Prof, Ramnarain Ruia Autonomous College● Ms. Edith Juni, 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		
MEETING AGENDA FOR B.Sc. & M.Sc. COMPUTER SCIENCE		
<ol style="list-style-type: none">1. To revise, if needed, and approve the changes in the syllabus for B.Sc CS & MSc CS2. To Review the question papers3. To decide on the changes in the modalities of assessment, if any, which includes the question paper pattern, for internal and external examination. (Special discussion seeking opinion regarding online examinations (type of questions etc)/projects/practical, if applicable,. in the current pandemic scenario)4. Any other matter with the permission of the Chair.		
AGENDA 1	To revise and approve the syllabi for BSc & MSc Computer Science.	
<ul style="list-style-type: none">● Discussed and Resolved that: suggestions given were:		

Magar Sir: total 6 credits for research project(in any domain) and mentors to be allotted as per specialization instead of taking 1 paper in sem 4

Research methodology should be a part of M.Sc.Giving proper weightage to research activities.

Training session for research for M.Sc could be held.

Suhasini Mam: agreed as above.How internship and one paper subject are managed was explained.

There were no changes proposed in syllabus structure and content finalized in the previous BOS meet . The syllabus was approved by all members.

AGENDA 2 | To Review the question papers

● **Discussed and Resolved that:**

- Blueprint and rubric pattern was explained. Question Paper sample was shown.
- Emphasis and weightage should be more on Application Analysis and synthesis questions as suggested by new Education Policy
- Teaching Pedagogy should conform to weightage of ever factor of blooms Taxonomy and slowly the change should be migrated from current distribution to newer one
- Internal Projects given to students would help them to cope with the Evaluation model with more emphasis on application, analysis and synthesis.
- Application Factor can be more evaluated in Practical Components than in Theory
- Question Paper Blueprint may vary per Topic so Percentage range can be decided as per category of Blooms Taxonomy.
- Question Papers can be mailed to subject experts and get the suggestions.

AGENDA 3 | To decide on the changes in the modalities of assessment, if any, which includes the question paper pattern, for internal and external examination. (Special discussion seeking opinion regarding online examinations(type of questions etc)/projects/practical, if applicable,. in the current pandemic scenario)

● **Discussed that:**

- Evaluation scheme was well explained. Modality of Assessments during Pandemic situations were elaborated. Eklavya platform was explained.
- Conduction of practical viva exam is fine but as far theory online exams are concerned, they are a challenging part. Making question paper malpractice free and gathering evidences if student do anything wrong is also important.So framing a problem oriented mcq set is expected.Students can solve question and answer and the rough sheet of solving should be uploaded,so getting essence of full fledged exam can be achieved.
- Magar Sir : 50%-50% theory practical pattern for all cs papers suggested.

● **Resolved that:**

- Evaluation scheme is all fine for internal and External Theory and Practicals

	<ul style="list-style-type: none"><input type="checkbox"/> Modality of assessments for Theory and Practicals are proper and can be continued ahead<input type="checkbox"/> If possible the students can be made to solve some thing on paper for questions and that could be uploaded later on classroom<input type="checkbox"/> College can decide the norms of evaluation and modalities as per the pandemic situation ahead
AGENDA 4	Any other matter with the permission of the Chair.
<ul style="list-style-type: none">● Discussed that:<p>The Following matter was taken up for discussion by chairperson</p><ul style="list-style-type: none"><input type="checkbox"/> How can IOT practicals be conducted in this pandemic. What are the different tools that can be used?<input type="checkbox"/> Suggestions for handling Advanced Topics of Curriculum.<input type="checkbox"/> Include Shodan as an integral part of IOT<input type="checkbox"/> Can include projects like:iot streetlight controller,iot smart mirror,iot smart dustbin,iot money transfer wristband<input type="checkbox"/> Big data projects:may include ecommerce case studies similar to what Edureka demonstrates:<input type="checkbox"/> Sample Project Link below: https://www.youtube.com/watch?v=WNITzdRJV8● Resolved that:<ul style="list-style-type: none"><input type="checkbox"/> Following Tools are available for online conduct of IOT Practicals for which subscriptions can be bought by college. Tools like netsim, ibm bluemix<input type="checkbox"/> Demonstration of the toolkit can be recorded and video can be shared to students for better understanding.<input type="checkbox"/> For advanced topics all the subject experts should undergo training to get update in the upcoming field. BOS members suggested college to organize trainings by experts for advanced topics of the curriculum.	

Since there were no other points to discuss, the meeting was concluded at 06.00 pm with a vote of thanks to the Subject Board.

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The meeting of Board of Studies in Computer Science was held on October 19, 2020 for B.Sc. & M.Sc. (Computer Science) Programme. The syllabus was accepted and approved by the Board of Studies.

MEMBERS OF SUBJECT BOARD IN COMPUTER SCIENCE	
Ms. Megha Sawant Head Dept. of Comp. Sci. & IT Ramnarain Ruia Autonomous College	Present
Dr. Siby Abraham Associate Professor, Member, ADHOC, BOS of Comp. Sci Head, Department of Mathematics G. N. Khalsa College	Present
Dr. Ganesh Magar Associate Professor, Member, ADHOC, BOS of Comp. Sci Head, Department of Computer Science S.N.D.T Women's University	Present
Mr. Jasmin Dawada, Owner, Interskills Private Limited.	Present
Dr. Suhasini Vijaykumar Professor, Member, ADHOC, BOS of Comp. Sci MCA Bharati Vidyapeeth	Present
Ms. Rasika Mundhe Dept. of Comp Sci Ramnarain Ruia Autonomous College	Present

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Ms. Edith Juni Dept. of Comp Sci Ramnarain Ruia Autonomous College	Present
Mr. Abhijit Gole In-charge M.Sc. Comp. Sci. Dept. of Comp. Sci. Ramnarain Ruia Autonomous College	Present
Mr. Mahavir Advaya Dept. of Comp. Sci. Ramnarain Ruia Autonomous College	Present
Ms. Pooja Rasam Dept. of Comp Sci Ramnarain Ruia Autonomous College	Present
Ms. Kiran Prajapati Dept. of Comp Sci Ramnarain Ruia Autonomous College	Present

MPC Sawant



Ms. Megha Sawant
Head
Dept. of Comp. Sci. & IT
Ramnarain Ruia Autonomous College

MINUTES OF MEETING	DATE: - 13-05-2021	TIME:- 04:00 PM to 06:00 PM
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RAMNARAIN RUIA AUTONOMOUS COLLEGE**DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY**

MEETING PLACE	Google Meet . Work From Home phase.
MEETING CALLED BY	Ms. Megha Sawant, HOD & Chairperson
TYPE OF MEETING	Subject Board Meeting for B.Sc. & M.Sc. Computer Science Syllabus (2020-21)
NOTE TAKER	Ms. Kiran Prajapati
MEMBERS ATTENDED	
<ul style="list-style-type: none">● Ms. Megha Sawant, Chairperson, Ramnarain Ruia Autonomous College● Dr. Siby Abraham, Professor, Centre of Excellence in Analytics & Data Sciences, NMIMS (Deemed to be) University, Mumbai● Dr. Suhasini Vijaykumar, Professor, Bharati Vidyapeeth● Mr. Jasmin Dawada, Interskil Private Limited● Mr. Abhijeet Gole, Assist Prof, Ramnarain Ruia Autonomous College● Ms. Rasika Mundhe, Assist Prof, Ramnarain Ruia Autonomous College● Ms. Edith Juni, 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 revise and approve the syllabus of B.Sc. and M.Sc. Computer Science2. To identify and approve 2-4 Certificate Courses offered by NPTEL Swayam /MOOC. (Students are to be encouraged to take up these courses)3. To decide any changes in the modalities of assessment, this includes the question paper pattern, for internal and external examinations, projects credits, internship credits & hours (Theory/Practical).4. Any other matter with the permission of the Chairman.	
AGENDA 1	To revise and approve the syllabus of B.Sc. and M.Sc. Computer Science
<u>B.Sc. COMPUTER SCIENCE SYLLABUS</u>	
DISCUSSED THAT:	

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- Syllabus was all ok and was approved in the last board meeting, therefore there are no changes made in the syllabus and will be continued the same this year also.

RESOLVED THAT:

- No change in the syllabus was agreed and accepted by the BOS members.

M.Sc. COMPUTER SCIENCE SYLLABUS

DISCUSSED THAT:

The HOD, Chairperson briefed the BOS members about the previous meeting minutes. And also the way the year has gone in the pandemic. She informed them about the challenges faced during the pandemic to take the practicals for the new syllabus.

The Chairperson informed BOS members that the students were given remote access to the systems to conduct the practicals as students didn't have high configuration systems at home. BOS members happen to mention that they are also facing issues to conduct practicals in their colleges to conduct practicals due this pandemic.

RESOLVED THAT:

- BOS members were quite impressed by the way all faculties have conducted the lectures and practicals of the new syllabus. They also mentioned that they were also facing issues in conducting the practicals of advanced topics like Cloud Computing, IoT, Big Data etc.
- BOS members suggested to try and use the online cloud platforms for conducting the practicals. They suggested the online cloud platform like AWS, Google CoLabs, for conducting Big Data practicals.

AGENDA 2

To identify and approve 2-4 Certificate Courses offered by NPTEL Swayam /MOOC.
(Students are to be encouraged to take up these courses)

DISCUSSED THAT:

- Certificate courses on Web Development Fundamentals & Linux Fundamentals were presented by Mr. Mahavir Advaya to the BOS Members.
- Certificate course in Android Programming was presented by Edith Juni.
- Ms. Rasika Mundhe expressed her interest to continue the Certificate Course in Python Programming for which one batch was already done in the month of December 2020.

RESOLVED THAT:

Suggestions were given by the BOS members regarding certificate courses:

- For Web Development Fundamentals
 - Dr. Siby Abraham suggested that students should get more hands-on rather than giving on theoretical knowledge. And also suggested adding CMS as one module.

- Mr. Jasmin Dawada suggested adding CMS like WordPress and including WordPress or Wix as one module and reducing the HTML/CSS/JavaScript part. Also add integration of Payment Gateway integration and WhatsApp Chat Bot to make the website mobile friendly.
- For Linux Fundamentals course,
 - Mr. Jasmin Dawada suggested integrating the latest version of softwares like Ubuntu 20.10 version, and some part of RedHat Linux.
- Dr. Suhasini Vijaykumar suggested conducting more Practical aspects as students would be more keen in doing hands-on.
- **Android Development syllabus was accepted and approved.**
- **Python Programming syllabus was accepted and approved.**
- BOS members also suggested adding some Data Science components in the Python course as it would help the students of biological sciences to analyse the research data.
- Certificate Course on Data analysis in Excel or Python was suggested by the BOS members.
- All BOS members suggested that all certificate courses can be conducted online even after the pandemic when everything is normal and offline classes are started.
- Fees for the online courses can be reduced and the batch size can be increased.

AGENDA 3	To decide any changes in the modalities of assessment, this includes the question paper pattern, for internal and external examinations, projects credits, internship credits & hours (Theory/Practical).
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DISCUSSED THAT:

- Modality of assessment was discussed.
- Changes made to the evaluation scheme due to pandemic were explained to the BOS members.
 - The practical component was divided into MCQs, Viva, & Written Submission.

RESOLVED THAT:

- **BOS Members approved and accepted the changes made in the Modality of Assessment in the Practical component.**

AGENDA 4	Any other matter with the permission of the Chairman.
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DISCUSSED THAT:

- Discussion was made on encouraging students to take over certification courses as preparation for their internships and assigning credits for their training.

RESOLVED THAT:

- **College should consider credit transfers for students completing certificate courses.**
- For 4 credits, students should take a minimum 2 courses.
- Students should be encouraged to opt for certificate courses on different platforms.

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Since there were no other points to discuss, the meeting was concluded at 06.00 pm with a vote of thanks to the Subject Board & Academic Dean.

MEMBERS OF SUBJECT BOARD IN COMPUTER SCIENCE
Ms. Megha Sawant Head Dept. of Comp. Sci. & IT Ramnarain Ruia Autonomous College
Dr. Siby Abraham Professor, Centre of Excellence in Analytics & Data Sciences, NMIMS (Deemed to be) University, Mumbai
Dr. Ganesh Magar Associate Professor, Member, ADHOC, BOS of Comp. Sci Head, Department of Computer Science S.N.D.T Women's University
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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

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Ms. Kiran Prajapati

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Ms. Priyanka Vaddepalli

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Dr Sujata Suvarnapathki,

Dean-Academics Affairs,

Ramnarain Ruia Autonomous College

RAMNARAIN RUIA AUTONOMOUS COLLEGE

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

Shubham Bhorade

Student,

M.Sc. Part II Comp Sci

Parameshwaran Iyer

Student,

T.Y. B.Sc. Comp Sci

MPC Sawant



Ms. Megha Sawant

Head

Dept. of Comp. Sci. & IT

Ramnarain Ruia Autonomous College