

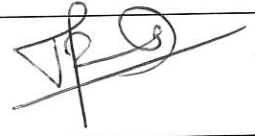
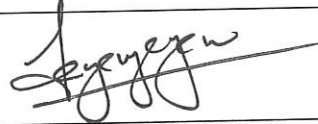


Agenda for BOS meeting on 13-01-2021

Computer Science

1. Address by the Chair
2. Introduction to Members
3. Academics in the Pandemic Context
4. Admission 2020-2021
5. Result Analysis
6. Placement Analysis
7. Stakeholder Analysis
8. Outcome Based Education – report
9. Add-on/value-added Courses
10. Panel of examiners
11. Review of MCA 2020 and MSc 2020 syllabi
12. New course- Study and Sub Committee
13. Any other matter approved by the chair

Meeting of the Board of Studies in **Computer Science** (MCA and MSc. CS (DA)), held at Rajagiri College of Social Sciences (Autonomous), Hill Campus, Kalamassery at 10.00 a.m. on 13th January 2021 (Wednesday), through Online mode

Members Present:

Sl. No.	Name	Signature
1	Dr. Bindiya M Varghese, (Chairperson) Rajagiri College of Social Sciences (Autonomous), Kalamassery.	
2	Dr. Jomy John, Head – Department of Computer Science, PM Govt. College, Chalakkudy (University Nominee)	<i>Online</i>
3	Mr. George Joseph, Rajagiri College of Social Sciences (Autonomous), Kalamassery.	<i>George Joseph</i>
4	Dr. Jaya Vijayan, Rajagiri College of Social Sciences (Autonomous), Kalamassery.	
5	Ms. Sunu Mary Abraham, Rajagiri College of Social Sciences (Autonomous), Kalamassery.	<i>Sunu Mary</i>
6	Dr. Ann Baby, Rajagiri College of Social Sciences (Autonomous), Kalamassery.	<i>d. Ann Baby</i>
7	Mr. Shiju Thomas M. Y, Rajagiri College of Social Sciences (Autonomous), Kalamassery.	<i>Shiju Thomas</i>
8	Mr. Sabeen Thomas, Rajagiri College of Social Sciences (Autonomous), Kalamassery.	
9	Dr. Anoop V.S, Rajagiri College of Social Sciences (Autonomous), Kalamassery.	
10	Dr. Keerthy A.S, Rajagiri College of Social Sciences (Autonomous), Kalamassery.	<i>Keerthy</i>
11	Mr. Jayakrishnan, CEO , Xtend Technologies, Ernakulam	<i>Online</i>
12	Mr. Bharath Jagadeesh, Senior Software Engineer, EY, Kochi	<i>Online</i>

MINUTES OF THE MEETING OF THE BOARD OF STUDIES, COMPUTER SCIENCE (MCA and MSc. CS (DA)) HELD AT RAJAGIRI COLLEGE OF SOCIAL SCIENCES (AUTONOMOUS), HILL CAMPUS THROUGH ONLINE MODE at 10.00 AM , 13th JANUARY, 2021

Agenda:

1. Address by the Chair
 2. Introduction to Members
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 13. Any other matter approved by the chair.
1. The meeting commenced at 10:00 a.m through the Zoom platform. The Chairperson, presented an overview of the meetings of the past BoS meeting and presented the agenda items.
 2. Introduction of Members (Internal and External): The Chairperson introduced the following external members.
 - Dr. Jomy John, Head – Department of Computer Science, PM Govt. College, Chalakkudy (University Nominee)
 - Mr. Jayakrishnan, CEO , Xtend Technologies, Ernakulam (External Member – Industry)
 - Mr. Bharath Jagadeesh, Senior Software Engineer, EY, Kochi (External Member – Alumni)
 - The Internal and External members introduced themselves.
 3. Academics in the Pandemic Context
 - 3.1. The Chairperson detailed the academics in the pandemic context in view of the COVID-19 situation. The Teaching –learning is currently been shifted to Online platforms (Zoom/Microsoft Teams).
 - 3.2. Prof. Shiju Thomas explained to the Board of Studies about ROLE- Rajagiri Online Learning environment, an Indigenous platform developed by him.
 - 3.3. The Chair told that online Online CAE and CAEPs were conducted. The end semesters are being conducted in the offline mode.
 - 3.4. The major amendment in 2020 was that MCA is now 2 year programme and the commencement of MSC CS (DA).
 - 3.5. The Chair also stated that the Sanctioned intake of MCA has been increased from 45 to 60, and the intake of MSC CS is 30

4. Admissions 2020-21

4.1. Ms. Sunu Mary Abraham (Admissions coordinator) presented the admissions statistics of 2020-21.

Programmes	Sanctioned Intake	Total Admitted	Male	Female	Reserved Category (SC/ST/OE C)	General (Open/Community/OBC)	Management
MCA	60	60	30	30	3	27	30
MSC CS	30	30	10	20	1	14	15

5. Result Analysis

5.1. Dr. Ann Baby (ACoE) presented the result analysis of the past semesters of the academic year 2019-20.

Sl.No	Sem.	Programme	Batch	Month of Examination	No of students appeared	No of students with full pass	Percentage of full pass
1	2	MCA	2019-22	March-2020	42	37	88%
2	4	MCA	2018-21	March-2020	39	-	-
3	6	MCA	2017-20	March-2020	40	40	100%

5.2 She also stated that Currently Semester 5 and Semester 3 ESE examinations are ongoing, and the Semester 1 of MCA and MSC CS is scheduled from January 27, 2021 onwards.

6. Placement Analysis

6.1. Dr. Jaya Vijayan , Placement Officer presented the following placement statistics.

Passing out year	% Placed
2020	75
2021	15 % (Ongoing)

6.2 The placement activities conducted for the year 2019-2020 was reviewed by Dr. Bindiya M Varghese which included the following:

- DLIGHT -Vertical Eye by Mr. & Mrs. Krishnakumar

- Aptitude Training by Konfidence group
- Tips on Professional Etiquette & Interview Preparation by Mr. Shibas N.P, Campus Recruitment Lead, TCS, Kerala
- "Pre-Brief on Interview Expectations by Jim Paul Tharakan, Siam Computing Ltd
- "Pursuing a Career in Hybrid Mobile Development by Arjun Ramdas, head Mobile development, Farmlogics Technologies Pvt. Ltd
- Resume Writing Workshop by Mr. Gokul M. Nair
- Mock Interviews by Experts from Industry
- Webinar by CTS
- GD Skills by Mr. Shibas N.P, Campus Recruitment Lead, TCS, Kerala

6.3 Mr. Jayakrishnan commented that focus should be taken by the Placement Cell to target small and middle level companies both inside and outside Kerala.

7. Stakeholder Analysis

7.1. The Chairperson explained about the process of Stakeholder analysis which consisted of feedback from the various stakeholders – Students, Teachers, Parents, Alumni and Employers were explained. The process consisted of Exit Survey for students, Questionnaire for parents to be filled during open house, Google sheets for teachers to give in their feedback of the curricula and Questionnaire for Alumni/Employer administered through google sheet/mail.

7.2. The suggestions put forward by the various stakeholders were as follows

- Students -More than 70% of the students have suggested to include recent technologies to meet the challenges of the Software Industry.
- Parents - Parents feel that their wards need to be exposed to more industry oriented training programs. They have also suggested to include management and entrepreneurship skill development programmes.
- Teachers -The curricula can be modified to include specializations for the subjects so that it helps students with a specific skill such as development, testing, design etc.
- Alumni -To improve the curricula further it should focus on enabling integrity, positive attitude and entrepreneurship skills. It should also concentrate on developing good data analytics and software conceptualization and implementation skills.
- Employers - Curricula should focus on making them more adaptable to the new paradigms. The curricula should ensure that the students have more exposure to the recent trends in technology.

8. Outcome Based Education Report

8.1. The Chairperson explained about the process of Outcome Based Education, based on the Washington Accord.

8.2. 12 Program Outcomes and 3 Program Specific Outcomes of the MCA -2020 Admission and 10 Program Outcomes and 1 Specific Outcome of Data Analytics of the MSC 2020 Admissions have been mapped accordingly.

8.3. Mr. Sabeen Govind presented the Programme Outcome Attainment Levels of the MCA 2017-20 and 2018-21 batches.

9. Add- On / Value Added Courses

9.1. The Chairperson explained about the need of revised Add- On / Value Added Courses, in context of the current technological trends.

9.2. Mr. JayaKrishanan suggested that students should be given awareness in Management concepts and the functioning of small/big scale IT companies.

9.3. MR. Bharat Jagadeesh suggested that students should be given training in email writing skills.

9.4. The following courses were suggested:

- Semester 4 (2019-2022) - Power BI and Communicative English
- Semester 1 MCA and Semester MSC CS - Power BI , Blockchain and Hardware Administration

10. Panel of Examiners List

10.1. The Chairperson proposed the following panel of examiners list for the various semesters of MCA and MSc.

Attached as Annexure

11. Review of MCA 2020 and MSc 2020 syllabi

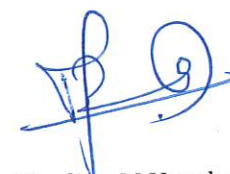
11.1. A Review of the revised two year MCA 2020-22 syllabus and the two- year MSc Computer Science (Data Analytics) 2020-22 syllabus was reviewed.

11.2. The various electives of both courses were detailed by the Chair.

12. New course- Study and Sub Committee

12.1. In view of large organizations starting to invest hugely in Robotic Technology and the career scope of the same, the Board of Studies proposed the Department to start a new course M.Sc. Computer Science (Artificial Intelligence) with focus of Robotic Process Automation.

12.2. The Board of Studies suggested to form an Internal Committee under the leadership of Dr. Anoop to frame a syllabus for the same, for approval from the Academic council and Governing Council, and if approved to submit it to the Mahatma Gandhi University for approval.



Dr. Bindiya M Varghese,

Chairperson, Board of Studies,

Dept. of Computer Science

Rajagiri College of Social Sciences, Kalamassery