

## MINUTES OF THE SECOND ACADEMIC COUNCIL MEETING

The second Academic council meeting of Royal college of Arts, Science and Commerce (Autonomous) was held on 23<sup>rd</sup> April 2025 at 11:30 AM. Following members were present for the meeting.

Sr No.	Name of the member	Designation/Category
1.	Prof. (Dr.) Kalpana Patankar-Jain	Chairperson
2.	Prof. (Dr.) Sanjay Bhanudas Sonawale	VC Nominee
3.	Prin.(Dr). Arvind W Ubale	VC Nominee
4.	Prin.(Dr). Swati Pitale	VC Nominee
5.	Dr. Tasneem Mirza	Expert
6.	Ms. Veena Sibal	Expert
7.	Dr. Sunil Kuyare	Expert
8.	Dr. Prabodh Chobe	Expert
9.	Ms. Rugma Nair	Member Secretary
10.	Dr. Chitrlekha Kotian	Controller of Examination
11.	Ms. Vilasini Gaode	HOD Microbiology
12.	Dr. Raju Kurian	HOD Sociology
13.	Dr. Aqeela Qureshi	HOD Chemistry
14.	Ms. Zara Khan	Incharge Political Science
15.	Dr. Sanchita Datta	HOD Commerce
16.	Dr. Nandini Kachhap	HOD Physics
17.	Dr. Shivangi Tiwari	HOD Economics
18.	Mr. Kamal Rohra	Coordinator of BMS, BAF
19.	Ms. Ritika Lala	Coordinator of Computer Science
20.	Ms. Rita Duraipandi	Coordinator of Psychology Department
21.	Mr. Hasan Phudinawala	Ad-hoc Coordinator of MSc Data Science
22.	Ms. Zamanat Syed	Associate Professor
23.	Dr. Tabassum Khan	Assistant Professor



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24.	Ms. Delphine Periera	Assistant Professor
25.	Ms. Komal Wategoankar	Assistant Professor

The following agenda points were discussed and decisions were taken unanimously.

Sr. No.	Agenda	Discussion and Decision
1.	Approval of minutes of first academic council meeting dated 28 <sup>th</sup> June 2024.	<b>Approved</b>
2.	Information about Ad-hoc BOS members for new course M.Sc Data Science to be started from academic year 2025-26	Ad-hoc Chairperson Mr. Hasan Phudinawala presented information about Ad-hoc BOS members for new post-graduate programme M.Sc. Data Science to be started from academic year 2025-2026.  <b>Approved</b>
3.	Approval of syllabus proposed by BOS for new post-graduate programme M.Sc. Data Science to be started from academic year 2025-26	Mr. Hasan Phudinawala presented syllabus proposed by BOS for M.Sc. Data Science programme to be started from academic year 2025-26. Dr. Tasneem Mirza enquired about the internship assistance to be provided to M.Sc. Data Science students. Mr. Hasan Phudinawala replied that the department will give internship assistance. Prof. (Dr.) Sanjay Bhanudas Sonawale suggested to develop a mechanism for internship assistance which was accepted by the department.  <b>Approved</b>



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4.	Approval of new programs suggested by Management of the college, to be offered from Academic year 2025-26 under University of Mumbai in collaboration with CQS- Center for Quality & Standard foundation	<p>Prof. (Dr.) Kalpana Patankar-Jain presented details about the new programs and CQS foundation.</p> <p><u>Undergraduate Programs</u></p> <ul style="list-style-type: none"> <li>➤ B.Sc Honors Hospital and Healthcare Science</li> <li>➤ B.Sc Honors Public Health</li> <li>➤ B.Sc Honors Psychology, Cognitive Sciences and Healthcare Sciences</li> <li>➤ B.Sc Honors Clinical Research, Data Analytics and Healthcare Sciences</li> </ul> <p><u>Postgraduate Programs</u></p> <ul style="list-style-type: none"> <li>➤ M.Sc Hospital and Healthcare Science</li> <li>➤ M.Sc Public Health</li> <li>➤ M.Sc Psychology, Cognitive Sciences and Healthcare Sciences</li> <li>➤ M.Sc Clinical Research, Data Analytics and Healthcare Sciences</li> </ul> <p>These Programs will be under University of Mumbai. It was informed that 2 to 3 Faculties/Management representatives will be involved in the BoS of these Programs and the syllabus of these Programs will be put for approval in the next academic council meeting.</p> <p><b>Approved</b></p>
5.	Approval of syllabus proposed by BOS in various subjects at SY level	<p>Constituted BOS meetings were held from 02/04/25 to 12/04/25. VC Nominees appreciated carefully prepared syllabus of SY level courses.</p> <p><b>Approved</b></p>

The meeting was adjourned at 2:30 PM and remaining points will be taken in the agenda of next Academic council meeting as per opinion of VC nominee Prof. (Dr.) Sanjay Bhanudas Sonawale supported by Prin.(Dr). Arvind W Ubale.

  
Ms. Rugma Nair  
Member Secretary of AC

  
Prof.(Dr.) Kalpana Patankar Jain  
Principal & Chairperson of AC



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## ACADEMIC COUNCIL MEETING OF SECOND HALF OF ACADEMIC YEAR 2024-25

### RESOLUTION

In the Academic Council meeting held on 23<sup>rd</sup> April 2025 at 11:30 AM in online mode, it was resolved that the recommendation made by the Board Of Studies in various subjects at meeting held as per schedule given below to introduce syllabus for the following programs as per NEP was approved with effect from academic year 2025-26.

Department	Date of BOS meeting	Class	Semester	Vertical	Name of the paper
Computer Science	3rd April 2025	S.Y.B.Sc. Computer Science	III	Major	Operating System
				Major	Data Structures
				Major	Computer Science Practical 3
				Minor	Statistical Techniques
				Minor	IoT Technologies practical
				SEC	Java Programming
		Second year Arts & Commerce	III	OE	Web Programming
		S.Y.B.Sc. Computer Science	IV	Major	Theory of Computation
				Major	Computer Networks
				Major	Computer Science Practical 4
				Minor	Fundamentals of Data Science
				Minor	Advanced Application Development practical
				SEC	Android Application Development
Second year Arts & Commerce	IV	OE	SQL Programming		
Data science	12th April, 2025	MSc	Sem I	Major	Essential Technologies for Data Science
				Major	Practical: Essential Technologies for Data Science
				Major	Data Analysis & Visualization

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				Major	Practical: Data Analysis & Visualization
				Major	Statistical Techniques for Data Science
				Electives	SPARK Technologies or Sports Data Analytics
				Electives	Practical: SPARK Technologies or Sports Data Analytics
				RM	Research Methodology
Data Science	12th April, 2025	M.Sc	Sem II	Major	Soft Computing
				Major	Practical: Soft Computing
				Major	Time Series Analysis
				Major	Practical: Time Series Analysis
				Major	Ethical Issues in Data Science
				Electives	Elective: Human Resource Analytics or Social Media Analytics
				Electives	Practical: Elective: Human Resource Analytics or Social Media Analytics
				OJT	On Job Training
BMS	4th April, 2025	S.Y.B.Com (Management Studies)	SEM III	Major	Major1: Strategic Management
				Major	Major2: Entrepreneurship Management
				Minor	Minor1: Cost Accounting-I (FINANCE)/Consumer Behavior(MARKETING)
				Minor	Minor2: Equity & Debt Market(FINANCE)/ Creative Advertising(MARKETING)
				VSC	Basics of Direct Taxation
		Second year Arts & Science	SEM III	OE	Basics of Business Contracts
		S.Y.B.Com (Management Studies)	SEM IV	Major	Major1: Production & Total Quality Management
				Major	Major2: Business Research Methodology
				Minor	Minor1: Strategic Financial Management(finance)/ Tourism Marketing(marketing)
				Minor	Minor2: Cost Accounting-II(finance) / Integrated Marketing Communication (marketing)
				VSC	Accounting for managerial decision
				SEC	Information technology for Managers

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		Second year Arts & Science	SEM IV	OE	Dynamics of Effective Leadership	
BAF	3rd April, 2025	S.Y.B.Com (Accounting & Finance)	SEM III	Major	Major1: Financial Accounting III	
				Major	Major2: Cost Accounting II	
				Minor	Minor1: Business Economics II	
				Minor	Minor2: Business Law I	
				VSC	Management Accounting I	
				OE	Mutual Fund Management	
		Second year Arts & Science	SEM III	OE		
		S.Y.B.Com (Accounting & Finance)	SEM IV	Major	Major1: Financial Accounting IV	
				Major	Major2: Direct Taxation II	
				Minor	Minor1: Commerce II	
				Minor	Minor2: Business Law II	
				VSC	Management Accounting II	
SEC	Wealth Management II					
Second year Arts & Science	SEM IV	OE		Basics of Indirect Tax		
Economics	5th April 2025	SYBA	III	Major	Paper III: Macroeconomics-I Paper IV: Fundamentals of Public Finance	
				Minor,	Demography and Population Studies	
				SEC	Academic Writing in Social Science	
		Second year Commerce & Science	III	OE		Life Skills in a Digital World
		SYBA	IV	Major	Paper V: Macroeconomics-II Paper VI: Introduction to Indian Economy	
				Minor	Foundation of Gender Economics	
				SEC	Research Skills on the Field	
		SYBCOM	III	Minor	Business Economics-III	
			IV	Minor	Business Economics-IV	
		Political Science	5th April 2025	SYBA	III	Major
Major	Public Administration					
Minor	Old Social Movement					
VSC	Applications of Statistics in Social Sciences					
SEC	Academic Writing in Social Sciences					
OE	Life Skills in a Digital World					
Second year Commerce & Science					Major	Political Values and Ideology
					Major	Indian Administration
					Minor	New Social Movements

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Psychology	12th April 2025	SYBA	IV	SEC	Research Skills on the Field
		SYBA	III	Major	Social Psychology: Part I
				Major	Human Development: Preschool to Adolescence
				Minor	Fundamentals of Human Behaviour
				VSC	Effective Helper Skills
				SEC	Statistical Analysis in Psychology
		OE	Life Skills in a Digital World		
		SYBA	IV	Major	Social Psychology: Part II
				Major	Human Development Across Adulthood
				Minor	Introduction to Organizational Behaviour
SEC	Promotion Program in Community Setting				
Sociology	08th April 2025	SYBA	III	Major	Indian Society: Structure and Change
				Major	Emerging Issues and Concerns in Indian Society
				Minor	Sociology of Everyday of Life
				VSC	Applications of Statistics in Social Sciences
				SEC	Academic Writing in Social Sciences
		OE	Life Skills in a Digital World		
		SYBA	IV	Major	Sociology of Development
				Major	Emerging Fields in Sociological Studies
Minor	Sociology of Image Building and Etiquettes				
SEC	Research Skills on the Field				
Hindi	3rd April'25	SYBA	III	Minor	Contemporary Hindi Literature
		SYBA/SYBSC/SYBCOM/SYCS/SYBMS/SYBAF		AEC	Media Writing I
		SYBA	IV	Minor	Contemporary Hindi Literature
		SYBA/SYBSC/SYBCOM/SYCS/SYBMS/SYBAF		AEC	Media Writing II
Commerce MCom	5th April 2025	MCom PART 2	III	Elective	Operations Research
				Major	Financial Services

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				Major	Corporate Financial Accounting
				Major	Advanced auditing
				Major	Advanced trends in Accounting 3
				Research Project	Project work 1
		MCom PART 2	IV	Major	Advanced Financial management
				Major	International financial reporting
				Major	Personal financial planning
				Elective	Auditing and Assurance
				Research Project	Project work 2
Commerce	4th April 2025	SYBCom	III	Major	Principles of Management
				SEC	Advertising
		SYBCom	IV	Major	Production and Quality Management
English	4th April 2025	SYBCom	IV	VSC	Business Etiquettes and Corporate Grooming
Accountancy	5th April 2025	SYBCom	III	Major	Accountancy and Financial Management III
		Second year Arts & Science	III	OE	Basics of Accountancy
		SYBCom	IV	Major	Introduction to Management Accounting
		Second year Arts & Science	IV	OE	Basics of Accountancy
Microbiology	7 April 2025	SYBSc	III	Major	Introduction to Immunology
				Major	Molecular Biology
				Major	Environmental Microbiology
				Major	Practical based on above
				Minor	Applied Microbiology I
				SEC	Microbiology of Water and Waste Water
			IV	Major	Enzymology and Separation Techniques
				Major	Introduction to Genetics and Industrial Microbiology

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				Major	Research Methodology and Bio-Statistics
				Major	Practical based on above
				Minor	Applied Microbiology I
				SEC	Food and Dairy Microbiology
Physics	7th April, 2025 at 11 am	SYBSc	III	Major	Paper I Mechanics and Optics
					Paper II Electricity and Magnetism
					Paper III Thermodynamics
					Practical of Physics Major
			Minor	Crystal Physics, Renewable Energy	
				Practical of Physics Minor	
				SEC	Computational Physics using Python
			IV	Major	Paper I Quantum Mechanics
					Paper II Mathematical Physics
					Paper III Electronics
Practical of Physics Major					
Minor	Quantum Mechanics and Radiation Detectors				
	Practicals of Physics Minor				
SEC	Arduino Programming				
Chemistry	8th April 2025	SYBSc	SEM III	Major	Major I: Physical and Inorganic Chemistry I
				Major	Major II: Organic and Inorganic Chemistry I
				Major	Major III: Analytical Chemistry I
				Minor	General Chemistry I

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				SEC	Laboratory Safety and Reagent Preparation
			SEM IV	Major	Major I: Physical and Inorganic Chemistry II
				Major	Major II: Organic and Inorganic Chemistry II
				Major	Major III: Analytical Chemistry II
				Minor	General Chemistry II
				SEC	Applied Commercial Analysis
Botany	3rd April 2025	SYBSc	Semester III	Minor	Semester III Minor Plant Systematics and Cytogenetics Practicals of Botany Minor
				Semester IV	Minor
Zoology	11/04/2025	SYBSC	Sem III		Minor
				Minor	Practical based on above
			Sem IV	Minor	Gene Expression, Oncobiology And Developmental Biology.
				Minor	Practical based on above
		Second year Arts & Commerce	Sem III	OE	Biodiversity Conservation and Human Health – I
			Sem IV	OE	Biodiversity Conservation and Human Health – II
Mathematics	4th April 2025	SYBSc	Sem III	Minor	Calculus III
				Minor Practical	Practical based on Minor

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		Second year Arts & Commerce	Sem III	OE	Mathematics for competitive examination
		SYBSc	Sem IV	Minor	Calculus IV
				Minor Practical	Practical based on Minor
CC		First & Second year Arts, Science and Commerce	SEM III & SEM II	CC	Yoga
CC		Second year Arts, Science and Commerce	SEM III	CC	Self Defense
CC		First & Second year Arts, Science and Commerce	SEM III & SEM II	CC	Leadership and Growth

It was also resolved that the recommendation made by the Board Of Studies in various subjects at the meeting held as per schedule given below to revise syllabus for the following programs as per NEP was approved as per details given below with effect from academic year 2025-26.

Department	Date of BOS meeting	Class	Semester	Vertical	Name of the paper	Changes made
Commerce	5 <sup>th</sup> April 2025	FYBCom/BA/BSC	Sem I & II	VEC	Responsible citizen	Revised syllabus
Chemistry	8 <sup>th</sup> April 2025	FYBSc	Sem I	VSC	Calibration, Lab Safety and Solution Preparation	Revised syllabus
			Sem II	SEC	Basic Statistical Tools in Chemistry	Revised syllabus
Microbiology	7 <sup>th</sup> April 2025	FYBSc	Sem II	Major	Major Groups of Microorganisms	New topic introduced in module 1
Mathematics	4 <sup>th</sup> April 2025	FYBCom	Sem I	VSC	Mathematical & Statistical Techniques using EXCEL	Included Mathematical and statistical topics

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			Sem II	VSC	Mathematical & Statistical Techniques using Advanced EXCEL	Included Mathematical and statistical topics
Physics	7th April, 2025	FYBSc	Sem I	Paper I	Mechanics and Thermodynamics	Topics added: Work and Energy: Kinetic Energy, Work and Work-energy theorem, Potential Energy, Conservative and Non-Conservative Forces, Different forms of Energy: Mass Energy  Equivalence Worked out Examples. (HCV: 8.1, 8.2, 8.5, 8.6, 8.11)
			Sem I		Practical	Added Moment of inertial of Flywheel
			Sem II	VSC	Digital Electronics	Added RS Flip Flop JK Flip Flop Counters

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Ms. Rugma Nair  
Member Secretary



Prof. Kalpana Patankar-Jain  
Principal & Chairperson of AC  
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