

## MINUTES OF MEETING OF ACADEMIC COUNCIL

*Meeting No. : 04      Academic Year : 2022-23      Date : 26/07/2022*

A meeting of the members of the Academic Council for the academic year 2022-23 was convened on Tuesday, July 26, 2022, at 10:30 a.m. in the Commerce and Management Resource Centre (First Floor- Seminar Hall), Changu Kana Thakur A.C.S. College, New Panvel.

**The following members were present:**

<b>Sr. No.</b>	<b>Name</b>	<b>Designation</b>
01	<b>Prof. (Dr.) S.K. Patil</b> Principal, C.K. Thakur A.C.S. College, New Panvel	Chairman, Academic Council
02	<b>Mr. Latesh Bhor</b> Head, Quality Control, Novartis Technical Operations Solids (Oncology), SANDOZ Private Ltd., Navi Mumbai	Member (Governing Body Nominee)
03	<b>Prin. (Dr.) Dnyaneshwar Doke</b> Parle Tilak Vidyalay Association's M.L. Dahanukar College of Commerce, Vile Parle (East), Mumbai 400057	
04	<b>Prin. (Dr.) Vijay Narkhede</b> Government of Maharashtra's, Ismail Yusuf College of Arts, Science and Commerce, Jogeshwari (E), Mumbai	
05	<b>Prof. (Dr.) S.V. Rathod</b> Principal, Bhavan's Hazarimal Somani College, Chowpatty, Mumbai- 400 007	Member (Vice- Chancellor's Nominee)
06	<b>Prof. (Dr.) Mrudul Nile</b> Department of Political Science, University of Mumbai, Mumbai	
07	<b>Dr. Parag Ajagaonkar</b> Principal, Shri. Vile Parle Kelavani Mandal's Narsee Monjee College of Commerce and Economics, Vile Parle (W), Mumbai 400056	
08	Prof.(Dr.) U.T. Bhandare	Member Chairman, BOS in Hindi
09	Mr. M.M. Ambulgekar	Member Chairman, BOS in Marathi
10	Dr. (Mrs.) S.M. Bhoir	Member Chairperson, BOS in Rural Development
11	Dr. (Mrs.) R. D. Mhatre	Member Chairperson, BOS in History

12	Dr. D.S. Narkhede	Member Chairman, BOS in Geography
13	Dr. R. V. Yeole	Member Chairman, BOS in English
14	Mr. A.V. Patil	Member Chairman, BOS in Political Science
15	Prof.(Dr.) B. S. Patil	Member Chairman, BOS in Economics
16	Prof.(Dr.) (Mrs.) E. Mathews	Member Chairperson, BOS in Commerce
17	Prof.(Dr.) S.B. Yadav	Member Chairman, BOS in Accountancy
18	Prof.(Dr.) A.K. Dixit	Member Chairman, BOS in Business Economics
19	Dr. N.E. Koli	Member Chairman, BOS in Accounting & Finance
20	Ms. M. R. Nalawade	Member Chairperson, BOS in Management Studies
21	Prof.(Dr.) B.V. Jadhav	Member Chairman, BOS in Chemistry
22	Mr. N.C. Vadnere	Member Chairman, BOS in Microbiology
23	Dr. (Mrs.) S.S. Kokitkar	Member Chairperson, BOS in Biotechnology
24	Mrs. P.M. Jadhav	Member Chairperson, BOS in Computer Science
25	Mrs. I. S. Thakare	Member Chairperson, BOS in Information Technology
26	Dr.(Mrs.) M.A. Mhatre	Member Chairperson, BOS in Zoology
27	Dr. S. I. Unhale	Member Chairman, BOS in Mathematics
28	Ms. D.S. Barve	Member Chairperson, BOS in Botany
29	Mrs. G.U. Patil	Member Chairperson, BOS in Physics
30	Ms. Mruthula Nair	Member Chairperson, BOS in Foundation Course
31	Mr. S.N. Parkale	Member Chairman, BOS in N.S.S.
32	Dr. V.B. Naik	Member Chairman, BOS in Physical Education
33	Mrs. N.P. Tidar	Member Chairperson, BOS in N.C.C.



34	Dr. B.D. Aghav IQAC Coordinator	Principal Nominees (Four senior teachers)
35	Dr. (Mrs.) J.S. Thakur Incharge-Faculty of Science	
36	Mr. K.N. Dhawale Assistant Professor in Economics	
37	Dr. Shailesh Vajekar RUSA Coordinator	Member-Secretary

The following members could not attend the meeting and the leave of absence was granted to them.

Sr. No.	Name	Designation
01	Dr. S.T. Gadade Secretary, J.B.S.P. Sanstha Panvel	Member (Governing Body Nominee)
02	Dr. Chakane Sanjay Principal, Tikaram Jagannath College Khadki. Pune	
03	Dr. S.S. Patil Assistant Professor in Chemistry	Principal Nominee

**The Agenda for the discussion were as follows:**

**1. Item No. 1**

Confirmation of minutes of the meeting of Academic Council held on Wednesday, June 16, 2021 at 10.30 a.m.

**2. Item No. 2**

To discuss and approve the Syllabi, Scheme of Evaluation and Question Paper Pattern of various courses of the departments from the Academic Year 2022-2023.

**3. Item No.3**

Discussion and Approval for Revised Scheme of Evaluation & Undergraduate programmes with 132 Credits

**4. Item No. 4**

To approve the proposed Academic Calendar for the Academic Year 2022-2023.

**5. Item No. 5**

Any other business with the permission of chair/principal.

Prof. (Dr.) S.K. Patil, Principal and Chairman-Academic Council welcomed all the members.

He appraised all the Chairpersons-Board of Studies for the excellent work done by them while drafting the revised syllabi to be implemented from the Academic Year 2022-2023. He wished each one of them all the best for an academically rich year.

Prof. (Dr.) S.K. Patil opened the meeting for discussion and directed Dr. Shailesh Vajekar, Member Secretary-Academic Council to initiate the meeting further as per the agenda.

The following business was then transacted.

**1. Item No. 1**

**Confirmation of minutes of the meeting of Academic Council held on Wednesday, June 16,2021**

Dr. Shailesh Vajekar, Member- Secretary read the minutes of the meeting of the Academic Council held on Wednesday, June 16, 2021.

**Resolution 1**

After a detailed discussion, the Academic Council unanimously resolved as:

The minutes of the meeting of the Academic Council held on Wednesday, June 16, 2021 are approved.

**2. Item No. 2**

**To discuss and approve the Syllabi, Scheme of Evaluation and Question Paper Pattern of various courses of the departments from the Academic Year 2022-2023.**

Dr. Shailesh Vajekar, Member-Secretary requested the Chairpersons of the Board of Studies to present the syllabi, scheme of evaluation and question paper pattern of various courses of their respective departments.

- 2.1) The syllabi, scheme of evaluation and question paper pattern of **First year undergraduate programmes** were tabled by the Chairpersons of the Board of Studies of following departments:  
1) Hindi 2) Marathi 3) Rural development 4) History 5) Geography 6) English 7) Political Science  
8) Economics 9) Commerce 10) Accountancy 11) Business Economics 12) Accounting & Finance  
13) Management Studies 14) Chemistry 15) Microbiology 16) Biotechnology 17) Computer Science  
18) Information Technology 19) Zoology 20) Mathematics 21) Botany 22) Physics  
23) Foundation Course 24) N.S.S. 25) Physical Education 26) N.C.C.

**Faculty** : Arts  
**Programme** : Bachelor of Arts (B.A.)  
**Year of the Programme** : First Year B.A.

Sr. No.	Department	Semester	Course Code	Title of the Course
1	Hindi	I	UAR1HIN1	ऐच्छिक हिंदी
			UAR1HINC	अनिवार्य हिंदी
		II	UAR2HIN1	ऐच्छिक हिंदी
			UAR2HINC	अनिवार्य हिंदी



2	<b>Marathi (Compulsory-अनिवार्य)</b>	I	UAR1MRC	वैचारिक गद्य आणि व्यावहारिक मराठी
		II	UAR2MRC	निवडक कथा आणि व्यावहारिक मराठी
	<b>Marathi (Optional-ऐच्छिक)</b>	I	UAR1MR1	नेमलेल्या साहित्य कृतीचा अभ्यास- नाटक
		II	UAR2MR1	निवडक कवितेचा अभ्यास
3	<b>Rural development</b>	I	UAR2RD1	Rural Development
		II	UAR2RD2	Issues Related to Rural Development
			--	Certificate Course in Rural Development (Agro Tourism )
4	<b>History</b>	I	BAUGHIS-I	History of Modern India (1857 C.E. - 1947 C.E.)
		II	BAUGHIS-I	History of Modern India (1857 C.E. - 1947 C.E.)
5	<b>Geography</b>	I	UAR1GE1	Human Geography
		II	UAR2GE1	Geography of Environment
		I	UCM1EVS	Environmental Studies
		II	UCM2EVS	Environmental Studies
6	<b>English</b>	I	UAR1CSK0	Communication Skills in English
			UCM1BC10	Business Communication
			UMS1 BC I	Business Communication
			UAF1BC1	Business Communication
			UAR1EG10	Introduction to English Literature
			URA1ACE	Diploma courses in Advanced Communicative English (T.Y.B.A.)
			URA1SVM	Certificate Courses in Spoken English and Voice Modulation (F.Y.B.A.)
			URA1CEN	Certificate Courses in Communicative English (S. Y. B.A.)
			URA1CCT	Certificate Course in Theatre (F.Y.B.A./B.Com./B.Sc.)
			URA1CLM	Certificate Course in Light Music (F.Y.B.A./B.Com./B.Sc.)
			UAR1ECS	Effective Communication Skills in English for Personality Development (FYBA) (2 Credit Course)
			UAF1ECS	Effective Communication Skills in English for Personality Development (FYBA and BAF) (2 Credit Course)
			II	UAR2CSK0
UCM2BC10	Business Communication			

			UMS2BC II	Business Communication
			UAF2BC1	Business Communication
			UAR2EG10	Introduction to English Literature
			URA1ACE	Diploma courses in Advanced Communicative English (T.Y. B.A.)
			URA1SVM	Certificate Courses in Spoken English and Voice Modulation (F.Y.B.A.)
			URA1CEN	Certificate Courses in Communicative English (S. Y. B.A.)
			URA1CCT	Certificate Course in Theatre (F.Y.B.A./B.Com. B.Sc.)
			URA1CLM	Certificate Course in Light Music (F.Y.B.A./B.Com. B.Sc.)
			UIT2ECS	Effective Communication Skills (F.Y.B.Sc.) (2 Credit Course)
7	<b>Political Science</b>	I	UAR1POL1	The Constitutional Framework
		II	UAR2POL1	Indian Political Process
		II	UAR2FCCE1	Foundation Course in Competitive Examinations-I
8	<b>Economics</b>	I	UAR1EC1	Micro Economics
		II	UAR2EC1	Micro Economics

**Faculty** : Commerce  
**Programme** : Bachelor of Commerce (B.Com.)  
**Year of the Programme** : First Year B.Com.

Sr. No.	Department	Semester	Course Code	Title of the Course
1	<b>Commerce</b>	I	UCM1CM1	Commerce I Introduction to Business
		II	UCM2CM2	Commerce II Service Sector
				Certificate Course in Event Management
2	<b>Accountancy</b>	I	UCM1AFM1	Accountancy and Financial Management
		II	UCM2AFM2	Accountancy and Financial Management
		II	UCM6CCB	Certificate Course in Banking
3	<b>Business Economics</b>	I	UCM1BE1	Business Economics-I
			UAF1BE1	Business Economics-I
			UMS1BE1	Business Economics-I
		II	UCM2BE2	Business Economics-II
			UAF2BE2	Business Economics-II
			UMS2BE2	Business Economics-II
4		I	UAF1FA1	Financial Accounting-I



	<b>Accounting &amp; Finance</b>		UAF1CMA	Cost & Management Accounting - I
			UAF1BMA	Business Mathematics
			UAF1IT1	Information technology - I
			UAF1BL1	Business Law - I
			UAF1EC1	Business Economics – I
			UAF1FC1	Foundation Course – I
			UAF1ECS	Effective Communication Skill
		II	UAF2FA2	Financial Accounting II
			UAF2FM1	Financial Management I
			UAF2BSA	Business Statistics
			UAF2BC1	Business Communication -I
			UAF2BL2	Business Law – II
			UAF2BEA	Commerce (Business Environment) – I
			UAF2FC2	Foundation Course – II
			UAF2BSA	Business Statistics
				Certificate Course in Logical Reasoning and Data Interpretation
				Certificate Course in Stock Market
5	<b>Management Studies</b>	I	UMS1IFA	Introduction to Financial Accounts
			UMS1BLW	Business Law
			UMS1BST	Business Statistics
			UMS1BC1	Business Communication - I
			UMS1FHS	Foundation of Human Skills
			UMS1BE1	Business Economics-I
			UMS1PD1	Personality Development I
			UMS1FC1	Foundation Course – I
			UMS1NS1	Foundation Course in NSS – I
			UMS1NC1	Foundation Course in NCC – I
			UMS1PE1	Foundation Course in Physical Education - I
		II	UMS2ICA	Introduction to Cost Accounting
			UMS2ILW	Industrial Law
			UMS2BMA	Business Mathematics
			UMS2BC2	Business Communication -II
			UMS2PMK	Principles of Marketing
			UMS2PMG	Principles of Management
			UMS2PD2	Personality Development II
			UMS2FC2	Foundation Course - II
			UMS2NS2	Foundation Course in NSS - II
UMS2NC2	Foundation Course in NCC - II			
UMS2PE2	Foundation Course in Physical Education - II			

**Faculty** : Science  
**Programme** : Bachelor of Science (B.Sc.)  
**Year of the Programme** : First Year B.Sc.

Sr. No.	Department	Semester	Course Code	Title of the Course
1	Chemistry	I	USC1CH1	CHEMISTRY I
			USC1CH2	CHEMISTRY II
			USC1CHP	CHEMISTRY PRACTICALS
			USC1EVS	Environmental Studies
		II	USC2CH1	CHEMISTRY I
			USC2CH2	CHEMISTRY II
			USC2CHP	CHEMISTRY PRACTICALS
			USC2ECS	Effective Communication Skills
2	Microbiology	I	USc1Mi1	Fundamentals of Microbiology
			USc1Mi2	Basic Techniques in Microbiology
			USc1MiP	Practical based on USc1Mi1 and USc1Mi2
		II	USc2Mi1	Basics of Microbiology
			USc2Mi2	Exploring Microbiology
			USc2MiP	Practical based on USc2Mi1 and USc2Mi2
3	Biotechnology	I	UBT1BIT	Biotechnology- I
			UBT1BOM	Basics of Microbiology
			UBT1BCH	Basic Chemistry- I
			UBT1BOC	Bioorganic Chemistry- I
			UBT1CBI	Cell Biology
			UBT1GEN	Genetics
			UBT1ESS	Environmental Science and Sustainable Development
			UBT1CAB	Computer Applications in Biotechnology
			UBT1PR1	Practical of UBT1BIT & UBT1BOM
			UBT1PR2	Practical of UBT1BCH & UBT1BOC
		II	UBT1PR3	Practical of UBT1CBI & UBT1GEN
			UBT2BIT	Biotechnology- II
			UBT2MAI	Microbiology and Immunology
			UBT2BOC	Bioorganic Chemistry- II



			UBT2MBG	Molecular Biology and Genetic Engineering
			UBT2PAP	Plant and Animal Physiology
			UBT2 LSB	Laboratory Skills & Biostatistics
				Communication Skills
			UBT2PR1	Practical of UBT2BIT & UBT2MAI
			UBT2PR2	Practical of UBT2BCH & UBT2BOC
			UBT2PR3	Practical of UBT2MBG & UBT2PAP
4	Computer Science	I	UCS1COD	Computer Organization and Design
			UCS1PP1	Programming with Python I
			UCS1PWC	Programming with C
			UCS1DM1	Database Management Systems – I
			UCS1DMA	Discrete Mathematics
			UCS1DST	Descriptive Statistics
			UCS1SSD	Soft Skill Development
			USC1EVS	Environmental Studies
			UCS1PR1	Practical of UCS1COD and UCS1PP1
			UCS1PR2	Practical of UCS1PWC and UCS1DM1
		UCS1PR3	Practical of UCS1DMA and UCS1DST	
		II	UCS2OOP	Object Oriented Programming using C++
			UCS2PP2	Programming with Python II
			UCS2LIN	LINUX
			UCS2DST	Data Structure
			UCS2CAL	Calculus
			UCS2STM	Statistical Methods
			UCS2DIM	Digital Marketing
			UCS2ECS	Effective Communication Skill
			UCS2PR1	Practical of UCS2OOP and UCS2PP2
UCS2PR2	Practical of UCS2LIN and UCS2DST			
UCS2PR3	Practical of UCS2CAL and UCS2STM			
5	Information Technology	I	UIT1ICP	Introduction to C++ Programming
			UIT1DEL	Digital Electronics
			UIT1OPS	Operating Systems
			UIT1DMS	Discrete Mathematics
			UIT1CMS	Communication Skills

			UIT2OOP	Object Oriented Programming
			UIT2MPA	Microprocessor Architecture
		II	UIT2WPR	Web Programming
			UIT2NMS	Numerical Methods
			UIT2DMS	Database Management System
6	Zoology	I	USC1ZO1	Diversity in Non-chordates
			USC1ZO2	Fundamentals of Cell Biology
		II	USC2ZO1	Diversity in Chordates
			USC2ZO2	Fundamentals of Genetics
7	Mathematics	I	USC1MT1	Calculus
			USC1MT2	Algebra-I
			UCM1MST	Mathematics and Statistical Techniques-I
			UIT1DSM	Discrete Mathematics
			UCS1DM	Discrete Mathematics
		II	UCM1BMS	Basic Course in Mathematics & Statistics
			USC2MT1	Calculus-II
			USC2MT2	Discrete Mathematics
			UCM2MST	Mathematics and Statistical Techniques-II
			UIT2NSM	Numerical Methods
			UCS2CAL	Calculus
			UCM2LMS	Learning Mathematics and Statistics using Software's
8	Botany	I	USC1BO1	Plant Diversity I
			USC1BO2	Form and Function I
			USC1BOP	Practical (Plant Diversity I and Form and Function I)
		II	USC2BO1	Plant Diversity I
			USC2BO2	Form and Function I
			USC2BOP	Practical (Plant Diversity I and Form and Function I)
9	Physics	I	USC1PH1	Physics 1
			USC1PH2	Physics 2
			USC1PHP	Physics Practical I
		II	USC2PH1	Physics 1
			USC2PH2	Physics 2
			USC2PHP	Physics Practical II
		I, II	USCCCBB	Certificate Course in Basic Biophysics



<b>Faculty</b>	:	All
<b>Programme</b>	:	Bachelor of Arts (B.A.) Bachelor of Commerce (B.Com.) Bachelor of Science (B.Sc.)
<b>Year of the Programme</b>	:	First Year B.A./B.Com/B.Sc.

Sr. No.	Department	Semester	Course Code	Title of the Course
1	Foundation Course	I	BA- UAR1FC1	Foundation Course -I
			B.Com-UCM1FC1	
			B.Sc- USC1FC1	
			BAF- UAF1FC1	
			BMS- UMS1FC1	
			Bio-Tech - UBT1FC1	
		II	BA- UAR2FC2	Foundation Course -II
			B.Com-UCM2FC2	
			B.Sc- USC2FC2	
			BAF- UAF2FC2	
			BMS- UMS2FC2	
			Bio-Tech - UBT2FC2	
2	National Service Scheme (N.S.S.)	I	UAR1NS1	Foundation Course in National Service Scheme-1
			UCM1NS1	
			USC1NS1	
			UMS1NS1	
			UAF1NS1	
		II	UAR2NS2	Foundation Course in National Service Scheme-1
			UCM2NS2	
			USC2NS2	
			UMS2NS2	
			UAF2NS2	
3	Physical Education	I	UAR1PE1	Foundation Course in Physical Education -I
			UCM1PE1	
			USC1PE1	
			UMS1PE1	
			UAF1PE1	
		II	UAR2PE2	Foundation Course in

			UCM2PE2	Physical Education -I
			USC2PE2	
			UMS2PE2	
			UAF2PE2	
4	National Cadet Corps (N.C.C.)	I	UAR1NC1	Foundation Course National Cadet Corps (NCC studies Paper 1)
			UCM1NC1	
			UMS1NC1	
			UAF1NC1	
			USC1NC1	
		II	UAR2NC2	Foundation Course National Cadet Corps (NCC studies Paper 2)
			UCM2NC2	
			UMS2NC2	
			UAF2NC2	
			USC2NC2	

### Resolution 2.1

It is unanimously resolved that the syllabi, scheme of evaluation and question paper pattern of **First year undergraduate programmes** were tabled by the Chairpersons of the Board of Studies of following departments: 1) Hindi 2) Marathi 3) Rural development 4) History 5) Geography 6) English 7) Political Science 8) Economics 9) Commerce 10) Accountancy 11) Business Economics 12) Accounting & Finance 13) Management Studies 14) Chemistry 15) Microbiology 16) Biotechnology 17) Computer Science 18) Information Technology 19) Zoology 20) Mathematics 21) Botany 22) Physics 23) Foundation Course 24) N.S.S. 25) Physical Education 26) N.C.C. passed without any modifications.

2.2) The syllabi, scheme of evaluation and question paper pattern of **First year Postgraduate programmes** were tabled by the Chairpersons of the Board of Studies of following departments: 1) Hindi 2) English 3) Economics 4) Commerce 5) Accountancy 6) Business Economics 7) Accounting & Finance 8) Chemistry 9) Microbiology 10) Biotechnology 11) Computer Science 12) Information Technology

<b>Faculty</b>	:	Arts
<b>Programme</b>	:	Master of Arts (M.A.)
<b>Year of the Programme</b>	:	First Year M.A.

Sr. No.	Department	Semester	Course Code	Title of the Course
1	Hindi	I	PAR1HN1	हिंदी साहित्य का इतिहास
			PAR1HN3	आधुनिक गद्य
			PAR1HN5	भाषा विज्ञान एवं हिंदी भाषा
			PAR1HN7	प्राचीन एवं मध्यकालीन काव्य
		II	PAR2HN2	हिंदी साहित्य का इतिहास
			PAR2HN4	आधुनिक गद्य
			PAR2HN6	भाषा विज्ञान एवं हिंदी भाषा



			PAR2HN8	प्राचीन एवं मध्यकालीन काव्य
2	English	I	PAR1LTC	Literary Theory and Criticism
			PAR1LSA	Linguistic and Stylistic Analysis of Text
			PAR1FCT	Fiction
			PAR1DRM	Drama
				Certificate Courses in Phonetics and Phonology (M.A.)
		II	PAR2LTC	Literary Theory and Criticism
			PAR2LSA	Linguistic and Stylistic Analysis of Text
			PAR2FCT	Fiction
			PAR2DRM	Drama
			PAR1PAP	Certificate Courses in Phonetics and Phonology (M.A.)
3	Economics	I	PAR1MIE	Micro Economics
			PAR1MAE	Macro Economics
			PAR1EOD	Economics of Development
			PAR1MTE	Mathematical and Econometric Methods
		II	PAR2MIE	Micro Economics
			PAR2MAE	Macro Economics
			PAR2PUE	Public Economics
			PAR2SEM	Statistical and Econometric Methods

**Faculty** : Commerce  
**Programme** : Master of Commerce (M.Com.)  
**Year of the Programme** : First Year M.Com.

Sr. No.	Department	Semester	Course Code	Title of the Course
<b>1</b>	<b>M.Com. in Advanced Accountancy</b>			
	<b>Commerce</b>	<b>I</b>	PCM1SM1	Strategic Management
			PCM1BE2	Business Ethics and Corporate Social Responsibility
		<b>II</b>	PCM2RM3	Research Methodology for Business
			PCM2EC4	E-Commerce
	<b>Accountancy</b>	<b>I</b>	PCM1CM	Cost and Management Accounting
		<b>II</b>	PCM2CF	Corporate Finance
	<b>Business Economics</b>	<b>I</b>	PCM1EBD	Economics of Business Decisions-I
		<b>II</b>	PCM2MCA	Macroeconomics: Concepts and Applications-II
<b>2</b>	<b>M.Com. in Business Analytics</b>			
	<b>Accounting &amp; Finance</b>	<b>I</b>	MBA1BDS I	Introduction to Business Analytics & Data Science
			MBA1CMA	Cost & Management Accounting
			MBA1BIN	Business Intelligence
			MBA1SAE	Statistics & Econometrics
		<b>II</b>	MBA2BCT	Business Application of Block Chain Technologies
			MBA2FRP	Financial Reporting
			MBA2BMT	Business Modelling
			MBA2QTM	Quantitative techniques for Managers

**Faculty** : Science  
**Programme** : Master of Science (M.Sc.)  
**Year of the Programme** : First Year M.Sc.

Sr. No.	Department	Semester	Course Code	Title of the Course
<b>1</b>	<b>M.Sc. in Chemistry</b>	<b>I</b>	PSC1PC1	PHYSICAL CHEMISTRY
			PSC1IC1	INORGANIC CHEMISTRY
			PSC1OC1	ORGANIC CHEMISTRY
			PSC1AC1	ANALYTICAL CHEMISTRY
			PSC1PCP	PHYSICAL CHEMISTRY PRACTICAL
			PSC1ICP	INORGANIC CHEMISTRY PRACTICAL
			PSC1OCP	ORGANIC CHEMISTRY PRACTICAL



				PSC1ACP	ANALYTICAL CHEMISTRY PRACTICAL
		II		PSC2PC2	PHYSICAL CHEMISTRY
				PSC2IC2	INORGANIC CHEMISTRY
				PSC2OC2	ORGANIC CHEMISTRY
				PSC2AC2	ANALYTICAL CHEMISTRY
				PSC2PCP	PHYSICAL CHEMISTRY PRACTICAL
				PSC2ICP	INORGANIC CHEMISTRY PRACTICAL
				PSC2OCP	ORGANIC CHEMISTRY PRACTICAL
				PSC2ACP	ANALYTICAL CHEMISTRY PRACTICAL
3	M.Sc. in Microbiology	I		PSc1Mi1	Molecular Genetics -1
				PSc1Mi2	Environmental Microbiology and Sustainability
				PSc1Mi3	Biochemistry
				PSc1Mi4	Medical Microbiology and Microbial Pathogenesis
				PSc1MiPR1	Practical based on Molecular Genetics -1
				PSc1MiPR2	Practical based on Environmental Microbiology and Sustainability
				PSc1MiPR2	Practical based on Biochemistry
				PSc1MiPR2	Practical based on Medical Microbiology and Microbial Pathogenesis
		II		PSc2Mi1	Molecular Genetics-2
				PSc2Mi2	Research Methodology, Bioinformatics & Biostatistics
				PSc2Mi3	Applied Biochemistry
				PSc2Mi4	Applied Immunology
				PSc2MiPR1	Practical based on Molecular Genetics-2
				PSc2MiPR2	Practical based on Research Methodology, Bioinformatics & Biostatistics
				PSc2MiPR3	Practical based on Applied Biochemistry
	PSc2MiPR4	Practical based on Applied Immunology			
4	M.Sc. in Biotechnology	I		PBT1ABC	1.1 Advanced Biological Chemistry
				PBT1IMM	1.2. Immunology
				PBT1MOB	1.3. Molecular Biology
				PBT1ETB	1.4. Emerging Techniques in Biological Sciences
				PBT1PR1	1.5. Practical-I Practical's of PBT1ABC & PBT1IMM
				PBT1PR2	1.6. Practical-II Practical's of PBT1MOB & PBT1ETB
		II		PBT2MET	2.1. Metabolism
				PBT2CPD	2. 2.2. Cellular Processes and Developmental Biology
				PBT2BPT	2.3. Bioprocess Technology
				PBT2RMS	2.4. Research Methodology and Scientific Communication Skills
				PBT2PR1	2.5. Practical-I of PBT2MET & PBT2CPD
	PBT2PR2	2.6. Practical-II of PBT2BPT & PBT2RMS			



5	M.Sc. in Computer Science	I	PCS1ARC	Analysis of algorithm and Research Computing
			PCS1DMC	Design and Implementation of Modern Compilers
			PCS1ADS	Advanced Database Management System
			PCS1ROB	Robotics
			PCS1PPR1	Practical of PCS1ARC+ PCS1DMC
			PCS1PPR2	Practical of PCS1ADS+ PCS1ROB
		II	PCS2CL1	Cloud Computing-I
			PCS2NLP	Natural Language Processing
			PCS+2BI1	Business Intelligence and Big Data Analytics - I (Business Intelligence)
			PCS2MIN	Machine Intelligence(Fundamentals of Machine Intelligence)
			PCS2PPR1	Practical of PCS2CL1+ PCS2NLP
			PCS2PPR2	Practical of PCS2BI1+ PCS2MIN
6	M.Sc. in Data Analytics	I	PDA1SMP	Statistical Methods and probability distribution
			PDA1PYP	Python Programming
			PDA1BDA	Big Data Analytics
			PDA1CCV	Cloud Computing and virtualization
			PDA1PPR1	Practical of PDA1SMP + PDA1PYP
			PDA1PPR2	Practical of PDA1BDA + PDA1CCV
		II	PDA2SMT	Advanced Statistical Methods and Testing of Hypothesis
			PDA2DTS	Data Science
			PDA2NGD	Next Generation Database
			PDA2MLG	Machine Learning
			PDA2PPR1	Practical of PDA2SMT + PDA2DTS
			PDA2PPR2	Practical of PDA2NGD+ PDA2MLG

### POST GRADUATE DIPLOMA

Sr. No.	Department	Semester	Course Code	Title of the Course
1	Chemistry	<b>Post Graduate Diploma in Analytical Instrumentation</b>		
		I	PDAI1BCP	Basic Understanding of Chemical and Pharmaceutical analysis
			PDAI1AST	Advanced Spectroscopic techniques
			PDAI1PST	Practical in Spectroscopic techniques
			PDAI1PSI	Practical in Spectral analysis and Interpretation of Data
		II	PDAI2QMS	Quality Management system, sample management and safety in industry
			PDAI1AST	Advanced Spectroscopic techniques
			PDAI1PST	Practical in chromatographic techniques
PDAI1PSI	Practical in Spectral analysis and Interpretation of Data			



Post Graduate Diploma In Food Analysis And Quality Assurance				
2	Biotechnology		PGD -FAQA 101	PAPER I: Fundamentals of Food Chemistry and Food Microbiology
			PGD -FAQA 102	PAPER II: Food Processing, Packaging and Marketing
			PGD -FAQA 103	PAPER III: Food Safety and Entrepreneurship
			PGD -FAQA 104	PAPER IV: Quality Control and Quality Assurance

### Common Ph.D. Course work (Faculty of Science)

Department	Course Code	Title of the Course
	Course1	Research Methodology and computer applications
	Course 2	Research and Publication Ethics

### Resolution 2.2

i) It is unanimously resolved that the syllabi, scheme of evaluation and question paper pattern of **First year Postgraduate programmes** were tabled by the Chairpersons of the Board of Studies of following departments:

- 1) Hindi
- 2) English
- 3) Economics
- 4) Commerce
- 5) Accountancy
- 6) Business Economics
- 7) Accounting & Finance
- 8) Chemistry
- 9) Microbiology
- 10) Biotechnology
- 11) Computer Science
- 12) Information Technology

ii) It is unanimously resolved that the syllabi, scheme of evaluation and question paper pattern of **New Postgraduate programmes** from the Academic Year 2022-23 namely

- 1) M.Com. in Business Analytics
  - 2) M.Sc. in Data Analytics
  - 3) Post Graduate Diploma in Analytical Instrumentation
- passed without any modifications.

iii) It is unanimously resolved that the syllabi, scheme of evaluation and question paper pattern of **Common Ph.D. Course work (Faculty of Sciences)** passed without any modifications.

**The following Newly added courses has been approved in the meeting of Academic Council.**

Sr. No.	Name of the programme	Name of the Course	Course Code
<b>Department: Accounting and Finance</b>			
01	B.Com. (Accounting and Finance)	Effective Communication Skills	UAFIECS
02	B.Com. (Accounting and Finance)	Learning Mathematics and Statistics using Software	UAF2LMS
<b>Department: Management Studies</b>			
03	B.Com. (Management Studies)	Introduction to cost accounting	UMS2ICA
04	B.Com. (Management Studies)	Personality Development I	UMS1PD1
05	B.Com. (Management Studies)	Personality Development II	UMS2PD2
<b>Department: Physics</b>			
06	B.Sc.	Discrete Mathematics III	USC3MT3



07	B.Sc.	Classical Physics, Basic of Solid State Physics, Mathematical Physics, Thermodynamics	USC1PH1
08	B.Sc.	Physics Practical I	USC1PHP
09	B.Sc.	Optics, Applied Mathematics, Thermal Physics	USC2PH1
10	B.Sc.	Modern Physics, Digital Electronics and Electrodynamics	USC2PH2
11	B.Sc.	Physics Practical II	USC2PHP
<b>Department: Biotechnology</b>			
12	B.Sc. (Biotechnology)	Environmental Science and Sustainable Development	UBT1ESS
13	B.Sc. (Biotechnology)	Computer Applications in Biotechnology	UBT1CAB
14	B.Sc. (Biotechnology)	Molecular Biology and Genetic Engineering	UBT2MBG
15	B.Sc. (Biotechnology)	Laboratory Skills & Biostatistics	UBT2 LSB
<b>Department: Computer Science</b>			
16	B.Sc. (Computer Science)	Descriptive Statistics	UCS1DST
17	B.Sc. (Computer Science)	Practical of UCS1DMA and UCS1DST	UCS1PR3
18	B.Sc. (Computer Science)	Object Oriented Programming using C++	UCS2CPP
19	B.Sc. (Computer Science)	Statistical Methods	UCS2STM
20	B.Sc. (Computer Science)	UCS2CPP + UCS2PP2	UCS2PR1
21	B.Sc. (Computer Science)	UCS2CAL + UCS2STM	UCS2PR3
<b>Department: Zoology</b>			
22	B.Sc. (Zoology)	Animal Diversity in Non chordates	USC1ZO1
23	B.Sc. (Zoology)	Fundamentals of Cell biology	USC1ZO2
24	B.Sc. (Zoology)	Animal Diversity in Chordates	USC2ZO1
25	B.Sc. (Zoology)	Fundamentals of Genetics	USC2ZO2
<b>Department: Marathi</b>			
26	B.A.	नेमलेल्या साहित्य कृतीचा अभ्यास- अनिवार्य मराठी - निवडक कथा - व्यावहारिक मराठी	UAR2MRC
<b>Department: English</b>			
27	B.A. (English)	Effective Communication Skills in English for Personality Development	UAR1ECS
<b>Department: Geography</b>			
28	B.A. (Geography)	Paper-I: Geography of Environment	UAR2GE1
<b>Department: Biotechnology</b>			
29	M.Sc. (Biotechnology)	Molecular Biology	PBT1MOB
30	M.Sc. (Biotechnology)	Advanced Biological Chemistry	PBT1ABC
31	M.Sc. (Biotechnology)	Cellular Processes and Developmental Biology	PBT2CPD
32	M.Sc. (Biotechnology)	Research Methodology and Scientific Communication Skills	PBT2RMS
<b>Department: Computer Science</b>			
33	M.Sc. (Computer Science)	Robotics	PCS1ROB
34	M.Sc. (Computer Science)	Practical of PCS1ARC+ PCS1DMC	PCS1PR1
35	M.Sc. (Computer Science)	Practical of PCS1ADS+ PCS1ROB	PCS1PR2
36	M.Sc. (Computer Science)	Natural Language Processing	PCS2NLP



37	M.Sc. (Computer Science)	Practical of PCS2CL1+ PCS2NLP	PCS2PR1
38	M.Sc. (Computer Science)	Practical of PCS2BI1+ PCS2MIN	PCS2PR2
39	M.Sc. (Data Analytics)	Data Science	PDA2DTS
40	M.Sc. (Data Analytics)	Python Programming	PDA1PYP
41	M.Sc. (Data Analytics)	Statistical Methods and probability distribution	PDA1SMP
42	M.Sc. (Data Analytics)	Business Intelligence and Big Data Analytics	PDA1BDA
43	M.Sc. (Data Analytics)	Cloud Computing and Virtualization	PDA1CCV
44	M.Sc. (Data Analytics)	Practical of PDA1SMP + PDA1PYP	PDA1PPR1
45	M.Sc. (Data Analytics)	Practical of PDA1BDA + PDA1CCV	PDA1PPR2
46	M.Sc. (Data Analytics)	Advanced Statistical Methods and Testing of Hypothesis	PDA2SMT
47	M.Sc. (Data Analytics)	Next generation Technology	PDA2ADB
48	M.Sc. (Data Analytics)	Machine Learning	PDA2MLG
49	M.Sc. (Data Analytics)	Practical of PDA2SMT + PDA2DTS	PDA2PPR1
50	M.Sc. (Data Analytics)	Practical of PDA2NGD+ PDA2MLG	PDA2PPR2
<b>Department: Microbiology</b>			
51	M.Sc. (Microbiology)	Molecular Genetics -1	PSC1MGN
52	M.Sc. (Microbiology)	Environmental Microbiology & Sustainability	PSC1EMS
53	M.Sc. (Microbiology)	Biochemistry MI	PSC1BCM
54	M.Sc. (Microbiology)	Medical Microbiology and Microbial Pathogenesis	PSC1MMP
55	M.Sc. (Microbiology)	Molecular Genetics -1 Practical	PSC1MGP
56	M.Sc. (Microbiology)	Environmental Microbiology & Sustainability Practical	PSC1EMP
57	M.Sc. (Microbiology)	Biochemistry Practical	PSC1BCP
58	M.Sc. (Microbiology)	Medical Microbiology and Microbial Pathogenesis Practical	PSC1MPP
59	M.Sc. (Microbiology)	Molecular Genetics -2	PSC2MGN
60	M.Sc. (Microbiology)	Molecular Genetics -2 Practical	PSC2MGP
61	M.Sc. (Microbiology)	Research Methodology, Bioinformatics & Biostatistics	PSC2RBB
62	M.Sc. (Microbiology)	Research Methodology, Bioinformatics & Biostatistics Practical	PSC2RBP
63	M.Sc. (Microbiology)	Applied Biochemistry	PSC2ABM
64	M.Sc. (Microbiology)	Applied Biochemistry Practical	PSC2ABP
65	M.Sc. (Microbiology)	Applied Immunology	PSC2AIM
66	M.Sc. (Microbiology)	Applied Immunology Practical	PSC2AIP
<b>Department: Hindi</b>			
67	M.A. (Hindi)	Modern Prose - III	PAR1MOP
68	M.A. (Hindi)	Modern Prose - IV	PAR2MOP
<b>Department: Accounting &amp; Finance</b>			
69	M.Com. (Business Analytics)	Introduction to Business Analytics & Data Science	MBA1BDS
70	M. Com. (Business Analytics)	Cost & Management Accounting	MBA1CMA
71	M. Com. (Business Analytics)	Business Intelligence	MBA1BIN



72	M. Com. (Business Analytics)	Statistics & Econometrics	MBA1SAE
73	M. Com. (Business Analytics)	Business Application of Block Chain Technologies	MBA2BCT
74	M. Com. (Business Analytics)	Financial Reporting	MBA2FRP
75	M. Com. (Business Analytics)	Business Modelling	MBA2BMT
76	M. Com. (Business Analytics)	Quantitative techniques for Managers	MBA2QTM
<b>Department: Chemistry</b>			
77	P.G. Diploma in Analytical Instrumentation	Basic Understanding of Chemical & Pharmaceutical analysis	PDAI 1 BCP
78	P.G. Diploma in Analytical Instrumentation	Advanced Spectroscopic Techniques	PDAI 1AST
79	P.G. Diploma in Analytical Instrumentation	Practical in Spectroscopic Techniques	PDAI 1PST
80	P.G. Diploma in Analytical Instrumentation	Practical in Spectroscopic Techniques and interpretation of the data	PDAI 1PSI
81	P.G. Diploma in Analytical Instrumentation	Quality Management system sample management and safety in industry	PDAI 2QMS
82	P.G. Diploma in Analytical Instrumentation	Advanced chromatographic Techniques	PDAI 2ACT
83	P.G. Diploma in Analytical Instrumentation	Practical in chromatographic Techniques	PDAI 2PCT
84	P.G. Diploma in Analytical Instrumentation	Practical in method development and method validation.	PDAI 2PDV

### 3. Item No. 3

#### **Discussion and Approval for Revised Scheme of Evaluation & Undergraduate programmes with 132 Credits**

Dr. S.I. Unhale, Controller of Examinations presented the revised scheme of evaluation. Board of Examination and Evaluation of our college has formulated 60:40 (External-Semester end examination: Internal-Continuous assessment) scheme of evaluation for U.G. programme and P.G. Programme for traditional as well as speciality programme.

ii) Board of Examination and Evaluation of our college has decided that additional examinations will be conducted for medical ground and deputation of students to NCC, NSS, Cultural, Sports, Avishkar, DLLE and other students representing the College for any activity.

iii) Board of Examination and Evaluation of our college has also decided to increase the undergraduate Programme Credits from 120 to 132 progressively.

#### **Resolution 1**

After detailed discussion and on the basis of suggestions from various representatives, the Academic Council unanimously resolved as:

- i) 60:40 (External-Semester end examination: Internal-Continuous assessment) revised scheme of evaluation for U.G. programme and P.G. Programme for traditional as well as speciality programme.
- ii) Additional examinations will be conducted for medical ground and deputation of students to NCC, NSS, Cultural, Sports, Avishkar, DLLE and other students representing the College for any activity.
- iii) Increase the undergraduate Programme Credits from 120 to 132 progressively.



**4. Item No. 4**

To approve the proposed Academic Calendar for the Academic Year 2022-23.

Dr. B.D. Aghav, IQAC Coordinator proposed Academic Calendar for the Academic Year 2022-23.

**Resolution 3**

After detailed discussion and on the basis of suggestions from various representatives, the Academic Council unanimously resolved as:

Academic Calendar for the Academic Year 2022-23 is approved.

**5. Item No. 4**

**Any other business with the permission of Chair/Principal.**

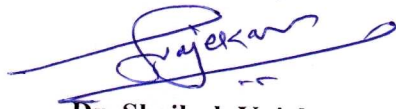
There being no other matter, no other point was raised for further discussion.

The meeting was concluded with a vote of thanks proposed by Dr. R.V. Yeole, Head-Department of English.

**Resolution:**

Hon'ble members of Academic Council resolved unanimously that minutes of today's meeting of Academic Council are approved; subject to corrections by the Chairman-Academic Council and permission has been granted to the Chairman-Academic Council to put the items incorporated in the minutes of the meeting for execution w.e.f. Academic Year 2022-23.

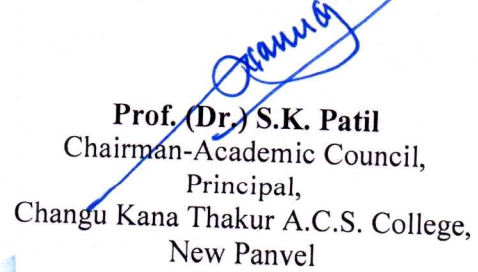
Prepared by



**Dr. Shailesh Vajekar**

Member Secretary-Academic Council,  
Changu Kana Thakur A.C.S. College,  
New Panvel

Approved by



**Prof. (Dr.) S.K. Patil**

Chairman-Academic Council,  
Principal,  
Changu Kana Thakur A.C.S. College,  
New Panvel

