MINUTES OF MEETING OF ACADEMIC COUNCIL

Meeting No. : 02   Academic Year : 2020-21   Date : 11/08/2020

A meeting of the members of the Academic Council for the academic year 2020-21 was convened on Tuesday, August 11, 2020, at 10:30 a.m. in Seminar Hall (Commerce & Management Resource Centre), Changu Kana Thakur A.C.S. College, New Panvel. Due to the current pandemic situation of COVID-19, the meeting was conducted by Online Mode on Microsoft Teams application. The in-house members joined the meeting offline whereas the external experts joined the meeting by online mode.

The following members were present:

Sr. No.	Name	Designation
01	**Prof. (Dr.) V.D. Barhate** Principal, C.K. Thakur A.C.S. College, New Panvel	Chairman Academic Council
02	**Dr. S.T. Gadade** Secretary, J.B.S.P. Sanstha Panvel	Member (Governing Body Nominee)
03	**Dr. S.R. Bhandari** Dr. Bhandari Associates, Innovative Solutions for Pharma and Chemical Industry, Panvel	
04	**Dr. S.B. Dharap** Principal, Bhausaheb Nene College, Pen	
05	**Dr. (Mrs.) Raamaa Bhoslay** Principal, Government College of Education, Panvel	
06	**Dr. Shivram S. Garje** Professor, Department of Chemistry, University of Mumbai, Mumbai	Member (Vice- Chancellor's Nominee)
07	**Dr. Shivaji D. Sargar** Head, Department of English, University of Mumbai, Mumbai	
08	**Dr. (Mrs.) Kinnarry Thakkar** Head, Department of Commerce, University of Mumbai, Mumbai	
09	Dr. (Mrs.) E. Mathews	Member (Head - Dept. of Commerce)
10	Dr. U.T. Bhandare	Member (Head - Dept. of Hindi)
11	Mr. M.M. Kamble	Member (Head - Dept. of Marathi)
12	Ms. D.S. Barve	Member (Head - Dept. of Botany)
13	Dr. S.K. Patil	Member

		(Head - Dept. of Chemistry)
14	Mrs. G.U. Patil	Member (Head - Dept. of Physics)
15	Dr. A.K. Dixit	Member (Head - Dept. of Business Economics)
16	Dr. B. S. Patil	Member (Head - Dept. of Economics)
17	Dr.(Mrs.) M.A. Mhatre	Member (Head - Dept. of Zoology)
18	Dr. S.B. Yadav	Member (Head - Dept. of Accountancy)
19	Dr. (Mrs.) S. M. Bhoir	Member (Head - Dept. of Rural Development)
20	Dr. (Mrs.) R. D. Mhatre	Member (Head - Dept. of History)
21	Dr. D.S. Narkhede	Member (Head - Dept. of Geography)
22	Dr. R. V. Yeole	Member (Head - Dept. of English)
23	Dr. (Mrs.) S.S. Kokitkar	Member (Head - Dept. of Biotechnology)
24	Mr. N.C. Vadnere	Member (Head - Dept. of Microbiology)
25	Dr. S.I. Unhale	Member (Head - Dept. of Mathematics)
26	Dr. N.E. Koli	Member (Head – Dept. of Accounting & Finance)
27	Mrs. P.M. Jadhav	Member (Head - Dept. of Computer Science)
28	Mrs. I. S. Thakare	Member (Head - Dept. of Information Technology)
29	Ms. B.W. Bhagat	Member (Head - Dept. of Political Science)
30	Mrs. T.M. Joshi	Member (Head - Dept. of Management Studies)
31	Mrs. A. A. Hanumante	Chairperson-Board of Studies Interior Designing
32	Mrs. Vandana Deshmukh	Chairperson-Board of Studies Fashion Designing
33	Dr. (Mrs.) R.D. Mhatre	Chairperson-Board of Studies Foundation Course
34	Mr. S.N. Parkale	Chairman-Board of Studies, N.S.S.
35	Mr. V.B. Naik	Chairman-Board of Studies, Physical Education
36	Mrs. N.P. Tidar	Chairman-Board of Studies, N.C.C.

37	Dr. B.V. Jadhav	Principal Nominees (Four senior teachers)
38	Dr. (Mrs.) G.S. Tanwar	
39	Dr. V.D. Patil	
40	Dr. R.O. Parmar	
41	Mr. Shailesh Vajekar	Member-Secretary

The Agenda for the discussion were as follows:

1. **Item No. 1**

   Confirmation of minutes of the meeting of Academic Council held on Tuesday, May 21, 2019.

2. **Item No. 2**

   To discuss and approve the Syllabi, Scheme of Evaluation and Question Paper Pattern of various courses of the departments.

3. **Item No. 3**

   To approve the proposed Academic Calendar for the Academic Year 2020-2021.

4. **Item No. 4**

   Any other business with the permission of Chair/Principal.

Prof. (Dr.) V.D. Barhate, 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 2020-2021. He wished each one of them all the best for an academically rich year.
Prof. (Dr.) V.D. Barhate opened the meeting for discussion and directed Mr. 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 Tuesday, May 21, 2019.

   Mr. Shailesh Vajekar, Member- Secretary read the minutes of the meeting of the Academic Council held on Tuesday, May 21, 2019.

   Resolution 1

   After detailed discussion, the Academic Council unanimously resolved as:
   The minutes of the meeting of the Academic Council held on Tuesday, May 21, 2019 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.

Mr. 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 the their respective departments.

2.1) The syllabi, scheme of evaluation and question paper pattern of **second year undergraduate programmes** were tabled by following departments:

1) Marathi 2) Hindi 3) English 4) Geography 5) History 6) Economics 7) Rural Development 8) Political Science 9) Commerce 10) Accountancy 11) Business Economics 12) Accounting & Finance 13) Management Studies 14) Chemistry 15) Microbiology 16) Zoology 17) Physics 18) Botany 19) Mathematics 20) Biotechnology 21) Information Technology 22) Computer Science 23) Interior designing 24) Fashion designing 25) Foundation Course 26) F.C. in N.S.S. 27) F.C. in N.C.C. 28) F.C. in Physical education.

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

Sr. No.	Department	Semester	Paper	Course Code	Title of the Course
1	Marathi	III	II	UAR3MAR2	कादंबरी
			III	UAR3MAR3	भाषा आणि भाषाभ्यास
		IV	II	UAR4MAR2	आत्मकथन
			III (One Elective)	UAR4MAR3	मराठीच्या बोलीचा अभ्यास ः आगरी बोली
				UAR4MAR3	मराठीच्या बोलीचा अभ्यास ः मालवणी बोली
				UAR4MAR3	मराठीच्या बोलीचा अभ्यास ः वाडवळी बोली
2	Hindi	III	II	UAR3HN2	मध्ययुगीन तथा आधुनिक कविता
			III	UAR3HN3	आधुनिक गद्य
		IV	II	UAR4HN2	मध्ययुगीन तथा आधुनिक कविता
			III	UAR4HN3	आधुनिक गद्य
3	English	III	II	UARENG II	Indian Literature
			III	UARIENGIII	American Literature
		IV	II	UARENGII	Indian Literature
			III	UARIENGIII	American Literature
		Bridge Course			Bridge Course in Indian Folk Dance
					Bridge Course in Fine Arts
4	Geography	III	II	UAR3GE3	Introduction to Climatology
			III	UAR3GE3	Physical Geography of India
		IV	II	UAR2GE1	Introduction to Oceanography

			III	UAR2GE1	Agriculture Geography of India
5	History	III	II	UAR2HS2	Landmarks in World History (1300 A.D. - 1945 A.D.)
			III	UAR2HS3	Ancient India Earliest Times to 1000 A.D.
		IV	II	UAR2HS2	Landmarks in World History (1300 A.D. - 1945 A.D.)
			III	UAR2HS3	Ancient India Earliest Times to 1000 A.D.
6	Economics	III		UAR3EC1	Demography (Applied Economics)
			II	UAR3EC2	Macro Economics
			III	UAR3EC3	Public Finance
		IV		UAR4EC1	Demography (Applied Economics)
			II	UAR3EC2	Macro Economics
			III	UAR4EC3	Indian Economy
7	Rural Development	III	III	UAR1RD-III	Rural Society
			IV	UAR1RD-IV	Rural Administration
		IV	V	UAR1RD-V	Development Strategies
			VI	UAR1RD-VI	Laws Related to Rural Development
8	Political Science	III	II	UARPOL2	Political Theory
			III	UARPOL3	Public Administration
		IV	II	UARPOL2	Political Values and Ideologies
			III	UARPOL3	Indian Administration

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

Sr. No.	Department	Semester	Paper	Course Code	Title of the Course
1	Commerce	III	III	UCM3CM3	Commerce III (Management: Functions and Challenges)
			I	UCM3AD1	Advertising I
			I	UCM3BL1	Business Law I
		IV	IV	UCM4CM4	Commerce IV (Management: Production & Finance)
			II	UCM4AD2	Advertising II
			II	UCM4BL2	Business Law IV
2	Accountancy	III	III	UCM3FA3	Accountancy and Financial Management - III

			V	UCM3FA5	Financial Accounting and Auditing (Management Accounting)
		IV	IV	UCM4FA4	Accountancy and Financial Management - IV
			VI	UCM4FA6	Financial Accounting and Auditing (Auditing)
3	**Business Economics**	III	III	UCM3BE3	Introduction to Macroeconomics
			IV	UCM4BE4	Public Finance
4	**Accounting & Finance**		III	UAF3FA3	Financial Accounting (Special Accounting Areas) – III
				UAF3CA2	Cost Accounting (Methods of Costing) – II
				UAF3TX1	Taxation - I (Direct Taxes Paper-I)
				UAF3IT1	Information Technology in Accountancy - I
				UAF3BL2	Business Law (Business Regulatory Framework) – II
		III		UAF3RMA	Research Methodology in Accounting and Finance
				UAF3FC3	Any one course from the following list of the courses a. Foundation Course – III b. Foundation Course in NSS – III c. Foundation Course in NCC – III d. Foundation Course in Physical Education – III
				UAF4FA4	Financial Accounting (Special Accounting Areas) – IV
				UAF4MAC	Management Accounting (Introduction to Management Accounting)
				UAF4TX2	Taxation - III (Direct Taxes Paper-I)
		IV		UAF4IT2	Information Technology in Accountancy - II
				UAF4BL3	Business Law (Business Regulatory Framework) – II
				UAF4EC2	Business Economics- II (Macro Economics)
				UAF4FCIV	Any one course from the following list of the courses a. Foundation Course – IV

					b. Foundation Course in NSS – IV c. Foundation Course in NCC – IV d. Foundation Course in Physical Education – IV
			II	UAF4BE2	Business Economics
		Certificate Course		1	Certificate Course in Export & Import Management
		Diploma Course		2	Diploma in Banking and Finance
5	Management Studies	III		UMS3BFS	Basics of Financial Services
				UMS3COF	Corporate Finance
				UMS3COB	Consumer Behaviour
				UMS3ADV	Advertising
				UMS3R&S	Recruitment & Selection
				UMS3M&L	Motivation & Leadership
				UMS3IT1	Information Technology in Business Management-I
				UMS3FC3	Environmental Management
				UMS3NS3	Foundation Course in NSS - III
				UMS3NC3	Foundation Course in NCC - III
				UMS3PE3	Foundation Course in Physical Education - III
				UMS3BPM	Business Planning & Entrepreneurial Management
				UMS3AMD	Accounting for Managerial Decisions
				UMS3SMG	Strategic Management
		IV		UMS4SCM	Strategic Cost Management
				UMS4COR	Corporate Restructuring
				UMS4IMC	Integrated Marketing Communication
				UMS4RUM	Rural Marketing
				UMS4T&D	Training & Development in HRM
				UMS4CHM	Change Management
				UMS4IT2	Information Technology in Business Management-II
				UMS4FC4	Foundation Course –IV Ethics & Governance
				UMS4NS4	Foundation Course in NSS - IV
				UMS4NC4	Foundation Course in NCC - IV
				UMS4PE4	Foundation Course in Physical Education - IV
				UMS4BE2	Business Economics- II
				UMS4BRM	Business Research Methods
				UMS4PTQ	Production & Total Quality Management
			II	UMS4BE2	Business Economics

		Sem III		Certificate Course	Certificate Course in Research Skills Part- 1
		Sem IV		Certificate Course	Certificate Course in Students Research Paper Presentation Part- 2
		Sem III		Certificate Course	Certificate Course in Student Social Responsibility
		Sem IV		Certificate Course	Certificate Course in Entrepreneurship Development Program (Beginners)
		Sem III		Diploma Course	D.C. in Capital Market Part -I
		Sem IV		Diploma Course	D.C. in Capital Market Part -II
			III	UARPOL3	Public Administration
		IV	II	UARPOL2	Political Values and Ideologies
			III	UARPOL3	Indian Administration

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

Sr. No.	Department	Semester	Paper	Course Code	Title of the Course
1	Chemistry	III	I	USC3CH1	General Chemistry
			II	USC3CH2	General Chemistry
			III	USC3CH3	Basics of Analytical Chemistry
				USC3CHP	Chemistry Practicals
		IV	I	USC4CH1	General Chemistry
			II	USC4CH2	General Chemistry
			III	USC4CH3	Basics of Analytical Chemistry
				USC4CHP	Chemistry Practicals
2	Microbiology	III	I	USC3MI1	Estimation of Biomolecules and Introduction Bioenergetics and Biostatistics
			II	USC3MI2	Introduction to fermentation technology and Applied Microbiology
			III	USC3MI3	Introduction to Microbial Genetics and Molecular Biology
				USC3MIP	Practicals
		IV	I	USC4MI1	Introduction to Metabolism and Enzymology
			II	USC4MI2	Introduction to Medical Microbiology and immunology
			III	USC4MI3	Advances Analytical Techniques, Soft Skills and Applications of Microbiology
				USC2MIP	Practicals

3	Zoology	III	I	USZO301	Fundamentals of Genetics, Chromosomes and Heredity, Nucleic acids
			II	USZO302	Nutrition and Excretion, Respiration and Circulation, Nervous system in Invertebrates, Control and Coordination, Locomotion and Reproduction
			III	USZO303	Developmental Biology, Ethology and Parasitology
				USZOP3	Practicals
		IV	I	USZO401	Origin and Evolution of Life, Population Genetics, Scientific Attitude, Methodology, Scientific Writing and Ethics in Scientific Research
			II	USZO402	Cell Biology, Endo membrane System and Biomolecules
			III	USZO403	Economic Zoology
				USZOP4	Practicals
4	Physics	III	I	USC3PH1	Mechanics and Thermodynamics
			II	USC3PH2	Mathematical Physics, Analog Electronics
			III	USC3PH3	Material Physics & Geophysics
				USC3PHP	Physics Practical
		IV	I	USC4PH1	Wave Optics
			II	USC4PH2	Quantum Mechanics
			III	USC4PH3	Digital Electronics & Radio Communication
				USC4PHP	Physics Practical
5	Botany	III	I	USC3BO1	Plant Diversity II
			II	USC3BO2	Form and Function II
			III	USC3BO3	Current Trends in Plant Sciences I
				USC3BOP	Practical
		IV	I	USC4BO1	Plant Diversity I
			II	USC4BO2	Form and Function I
			III	USC4BO3	Current Trends in Plant Sciences I
				USC4BOP	Practical
6	Mathematics	III	I	USC3MT1	Calculus-III
			II	USC3MT2	Algebra-III
			III	USC3MT3	Discrete Mathematics
				USC3MTP	Practical-III
		IV	I	USC4MT1	Calculus-IV
			II	USC4MT2	Algebra-IV

			III	USC4MT3	Ordinary Differential Equations
				USC4MTP	Practical-IV
			I	UBT3BPH	Biophysics
			II	UBT3APC	Applied Chemistry–I
			III	UBT3IMM	Immunology
		III	IV	UBT3CBC	Cell Biology And Cytogenetics
			V	UBT3MOB	Molecular Biology
			VI	UBT3BPT	Bioprocess Technology
			VI	UBT3RSM	Research Methodology
7	Biotechnology			UBT3PR	Practicals
			I	UBT4BIC	Biochemistry
			II	UBT4APC	Applied Chemistry – II
			III	UBT4MEM	Medical Microbiology
		IV	IV	UBT4ENB	Environmental Biotechnology
			V	UBT4BBI	Bioinformatics and Biostatistics
			V	UBT4MOD	Molecular Diagnostics
			VI	UBT4END	Entrepreneurship Development
				UBT4PR	Practicals
				UIT3PYP	Python Programming
				UIT3DST	Data Structures
				UIT3C-N	Computer Networks
				UIT3ADS	Advanced SQL
		III		UIT3MAT	Applied Mathematics
				UIT3PPP	Python Programming Practical
				UIT3DSP	Data Structures Practical
				UIT3CNP	Computer Networks Practical
				UIT3 ASP	Advanced SQL Practical
				UIT3MPP	Mobile Programming Practical
				UIT4CJ V	Core Java
				UIT4EMB	Introduction to Embedded systems
8	Information Technology			UIT4COS	Computer Oriented Statistical Techniques
				UIT4SWE	Software Engineering
				UIT4CGA	Computer Graphics and Animation
				UIT4CJ P	Core Java Practical
		IV		UIT4ESP	Introduction to Embedded Systems Practical
				UIT4COP	Computer Oriented Statistical Techniques Practical
				UIT4SEP	Software Engineering Practical
				UIT4CGP	Computer Graphics and Animation Practical
				UCS3TOC	Theory of Computation
9	Computer Science	III		UCS3CJV	Core JAVA
				UCS3OPS	Operating System
				UCS3DMS	Database Management Systems

			UCS3CGT	Combinatorics and Graph Theory
			UCS3IOT	Physical Computing and IoT Programming
			UCS3WBP	Skill Enhancement: Web Programming
			UCS3PR1	Practicals
			UCS3PR2	Practicals
			UCS4FOA	Fundamentals of Algorithms
			UCS4AJV	Advanced JAVA
			UCS4CNT	Computer Networks
			UCS4SEN	Software Engineering
	IV		UCS4LAP	Linear Algebra using Python
			UCS4NET	.Net Tehnologies
			UCS4ADF	Skill Enhancement: Android Developer Fundamentals
			UCS4PR1	Practicals
			UCS4PR2	Practicals

Resolution 2.1

It is unanimously resolved that the syllabi, scheme of evaluation and question paper pattern of **second year undergraduate programmes** of following departments viz; 1) Marathi 2) Hindi 3) English 4) Geography 5) History 6) Economics 7) Rural Development 8) Political Science 9) Commerce 10) Accountancy 11) Business Economics 12) Accounting & Finance 13) Management Studies 14) Chemistry 15) Microbiology 16) Zoology 17) Physics 18) Botany 19) Mathematics 20) Biotechnology 21) Information Technology 22) Computer Science 23) Interior designing 24) Fashion designing 25) Foundation Course 26) F.C. in N.S.S. 27) F.C. in N.C.C. 28) F.C. in Physical education passed without any modifications.

2.2) The syllabi, scheme of evaluation and question paper pattern of **first year postgraduate programme** was tabled by Department of Information Technology

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
1	Information Technology	I	PIT1RIC	Research in Computing
			PIT1DSC	Data Science
			PIT1CLC	Cloud Computing
			PIT1SCT	Soft Computing Techniques
		II	PIT2BDA	Big Data Analytics
			PIT2MNW	Modern Networking
			PIT2MSA	Microservices Architecture
			PIT2IGP	Image Processing

Resolution 2.2

It is unanimously resolved that the syllabi, scheme of evaluation and question paper pattern of **first year postgraduate programme** of Department of Information Technology passed without any modifications.

2.3) The syllabi, scheme of evaluation and question paper pattern of **second year of following 09 postgraduate programmes** were tabled:

1) Hindi 2) English 3) Economics 4) Accountancy 5) Organic Chemistry 6) Analytical Chemistry
7) Microbiology 8) Biotechnology 9) Computer Science

Faculty	:	Arts
Programme	:	Master of Arts (M.A.)
Year of the Programme	:	Second Year M.A.

Sr. No.	Department	Semester	Course Code	Title of the Course
1	Hindi	III	PAR3HN9	आधुनिक गद्य
			PAR3HN11	आधुनिक काव्य
			PAR3HN13	विशेष अध्ययन : मराठी संतों का हिंदी काव्य
			PAR3HN15	प्रयोजनमूलक हिंदी
		IV	PAR4HN10	आधुनिक गद्य
			PAR4HN12	आधुनिक काव्य
			PAR4HN14	जनसंचार माध्यम
			PAR4HN16	प्रकल्प लेखन
2	English	III	PARENG301	Poetry
			PARENG302	Gendered Perspectives
			PARENG303	20th Century American Literature
			PARENG304	Shakespeare
		IV	PARENG401	Indian Writings in Translation
			PARENG402	Research Methodology
			PARENG403	Political Reading of the Text
			PARENG404	Project
3	Economics	III	PAR3EC1	Economics of Agricultural Production and Rural Markets
			PAR3EC2	Economics of Labour Markets
			PAR3EC3	Trade Unions and Industrial Relations in India
			PAR3EC4	Environmental Economics
		IV	PAR4EC1	Economics of Human Development
			PAR4EC2	Industrial Economics
			PAR4EC3	Agricultural Development and policy
			PAR4EC3	Research Project

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

Sr. No.	Department	Semester	Course Code	Title of the Course
1	Accountancy	III	UCM3FA3	Advanced Financial Accountancy
			UCM3FA5	Advanced Cost Accountancy
			UCM3FA7	Direct Tax
		IV	UCM4FA4	Corporate Financial Accountancy
			UCM4FA6	Financial Management
			UCM4FA8	Indirect Tax – Introduction to Goods and Service Tax

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

Sr. No.	Department	Semester	Paper	Course Code	Title of the Course
1	Organic Chemistry	III	I	PSC3TOC0	Theoretical Organic Chemistry-I
			II	PSC3SOC0	Synthetic Organic Chemistry -I
			III	PSC3NPS0	Natural products and Spectroscopy
			IV	PSC3MBG0	Medicinal, Biogenesis and Green Chemistry
			IV	PSC3BIC0	Bioorganic Chemistry
				PSC3TOP0 & PSC3SOP0, PSC3NPP0 & (PSC3MBP0 or PSC3BIP0)	Practicals
		IV	I	PSC4TOC0	Theoretical Organic Chemistry-II
			II	PSC4SOC0	Synthetic Organic Chemistry-II
			III	PSC4NPH0	Natural products and Heterocyclic Chemistry
			IV	PSC4IPR0	Intellectual Property Rights & Cheminformatics
			IV	PSC4RMT0	Research Methodology
				PSC4TOP0 & PSC4SOP0, PSC4NPP0 & (PSC4IPP0 or PSC4RMP0)	Practicals

				PSC3QAC	Quality in Analytical Chemistry
				PSC3AIT	Advance Instrumental Techniques
				PSC3BCF	Bioanalytical Chemistry and Food Analysis
		III		PSC3ENC	Environmental and Certain Industrially Important Matrials
				PSC3POA	Pharmaceutical and Organic Analysis
				PSC3QAP PSC3AIP PSC3BCP PSC3ENP/ PSC3POP	Practicals
2	Analytical Chemistry			PSC4QAC	Quality In Analytical Chemistry
				PSC4AIT	Advanced Instrumental Techniques
				PSC4STA	Selected Topics in Analytical Chemistry
				PSC4IPR	Intellectual Property Rights & Cheminformatics
		IV		PSC4REM	Research Methodology
				PSC4QAP PSC4AIP PSC4STP	Practical Course
				PSC4IPP/ PSC3REP	Project Evaluation / Industrial Internship
			I	PSC3Mi1	Tools and Techniques : Research Methodology
		III	II	PSC3Mi2	Food Microbiology
			III	PSC3Mi3	Advances In Microbial Technology
			IV	PSC3Mi4	Applied and Environmental Microbiology
3	Microbiology		I	PSC4Mi1	Tools and Techniques: Biomolecular Analysis
		IV	II	PSC4Mi2	Pharmaceutical Microbiology
			III	PSC4Mi3	Advances in Biotechnology
			IV	PSC4Mi4	Applied and Environmental Monitoring & Management
			I	PBT3AVM	Applied Virology and Microbiology
			II	PBT3EBT	Environmental Biotechnology
			III	PBT3BRA	Biologics and Regulatory Affairs
		III	IV	PBT3MET	Molecular Enzymology and Enzyme Technology
4	Biotechnology			PBT3PR1 PBT3PR2	PRACTICALS Practical- I (Paper-I &IV) Practical –II (Paper-II &III)
			I	PBT4NBT	Nanobiotechnology
		IV	II	PBT4OSB	OMICS & Systems Biology
			III	PBT4DDC	Drug Discovery & Clinical Study

			IV	PBT4SWF	Scientific Writing & Food Biotechnology
				PBT4PR1 PBT4PR2	PRACTICALS Practical- I (Paper-I, II, III and IV) Practical –II (Project Dissertation)
5	Computer Science	III	I	PCS3UBC	Ubiquitous Computing
			II	PCS3SNA	Social Network Analysis
			Elective I	PCS3CCT	Track A: Cloud Computing –II (Cloud Computing Technologies)
			Elective I	PCS3CIS	Track B: Cyber and Information Security-II (Cyber Forensics)
			Elective II	PCS3BIB	Track C: Business Intelligence and Big Data Analytics –II (Mining Massive Data sets)
			Elective II	PCS3AML	Track D: Machine Learning –II (Advanced Machine Learning)
			Practical I	PCS3PPR1	PCS3UBI+ PCS3SNA
			Practical II	PCS3PPR2	PCS3E1A/ PCS3E1B+ PCS3E2C/ PCS3E2D
		IV	I	PCS4SIM	Simulation and Modelling
			Elective I	PCS4BCS	Specialization - Track A: Cloud Computing –III (Building Clouds and Services)
			Elective I	PCS4CCA	Specialization - Track B: Cyber and Information Security- II (Cryptography and Crypt Analysis)
			Elective II	PCS4IDA	Specialization - Track C: Business Intelligence and Big Data Analytics –III (Intelligent Data Analysis)
			Elective II	PCS4MCI	Specialization - Track D: Machine Learning –III (Computational Intelligence)
			Practical I	PCS4PPR1	PCS4SIM+PCS4S1A/ PCS4S2B/ PCS4S3C/ PCS4S4D
			Practical II	PCS4PPR2	Internship with industry
			Practical III	PCS4PPR3	Project Implementation

<u>**Resolution 2.3**</u>

It is unanimously resolved that the syllabi, scheme of evaluation and question paper pattern of **second year of 09 postgraduate programmes** viz; 1) Hindi 2) English 3) Economics 4) Commerce 5) Organic Chemistry 6) Analytical Chemistry 7) Microbiology 8) Biotechnology 9) Computer Science passed without any modifications.

3. <u>**Item No. 3**</u>

To approve the proposed Academic Calendar for the Academic Year 2019-2020.

Dr. S.K. Patil, Vice-Principal and Head-Department of Chemistry proposed Academic Calendar for the Academic Year 2020-2021.

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 2020-21 is approved.

4. ## 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 resolved unanimously that minutes of today's meeting of Academic Council are approved; subject to corrections by the Chairman-Academic Council and Principal and permission has been granted to the Principal to put the items incorporated in the minutes of the meeting for execution w.e.f. Academic Year 2020-21.

<table>
<tr><td>**Prepared by**</td><td>**Approved by**</td></tr>
<tr><td>**Mr. Shailesh Vajekar**
Member Secretary-Academic Council,
RUSA-Coordinator,
Changu Kana Thakur A.C.S. College,
New Panvel</td><td>**Prof. (Dr.) Vasant D. Barhate**
Chairman-Academic Council,
Principal,
Changu Kana Thakur A.C.S. College,
New Panvel</td></tr>
</table>