



Vidya Prasarak Mandal's

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B. N. BANDODKAR COLLEGE OF SCIENCE AUTONOMOUS

'Jnanadweepa', Chendani, Thane - 400 601.

NAAC Reaccredited 'A' Grade
College with Potential for Excellence (CPE)
Best College Award (University of Mumbai)
Recipient of RBNQA commendation certificate from IMC
Recipient of Jagar Janivancha Awards of Govt. of Maharashtra
Supported under - FIST O Level (Min. of Sci. & Tech.) & DBT Star College Scheme
IS/ISO 21001:2018 certified; (BIS) Winner of BEQET Special Citation Award

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Ref. No. BSC /

Date : 29/06/2024

MEETING OF THE ACADEMIC COUNCIL

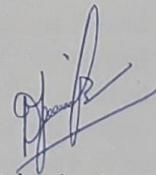
Online meeting of the Academic Council has been scheduled on Tuesday 2nd July, 2024 at 03.00 PM. The Google Meet link for the meeting will be shared by mail. All are requested to attend. The agenda is as mentioned below:

Agenda:

1. To Read & confirm minutes of previous meeting.
2. NEP Grid of Credits.
3. To approve syllabi of S.Y.B.Sc & M.Sc. Part 2 Program under NEP for academic year 2024-25.
4. Formation of equivalence committee for credit evaluation for autonomy and NEP.
5. Any other matter with the permission of Chair

Date: 29.06.2024




I/C Principal

Minutes of the ONLINE Meeting of the Academic Council held on 2nd July 2024 at 3.00 pm

An ONLINE meeting of the academic Council was held on 2nd July at 3.00 pm. The meeting was held online on Google Meet.

The Google Meet Link for the meeting - <https://meet.google.com/czt-bzki-rak>

The following members were present:

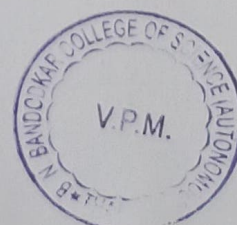
No.	Member	Criterion
1	I/C Prin Prof Dr. Manjramkar	Chairperson HOD Zoology, I/C Human Science, I/C Statistics
2	Prin. (Dr.) Gajanan Wader	Expert nominated by Gov. Body
3	Dr. Sunil Kumar Deshmukh	Expert nominated by Gov. Body
4	Dr. Jitendra Mahajan	University Nominee
5	Dr. Vinod Ragade	University Nominee
6	Dr. Kandpekar	University Nominee
7	Prof. Dr. V. M. Jamdhade	Member, HOD Botany
8	Dr. A. S. Goswami-Giri	Member, HOD Chemistry
9	Smt. Minal Wankhede	Member, HOD Mathematics
10	Dr. S.S. Meshram	Member, HOD Physics
11	Dr. Jayashree Pawar	Member, HOD Biotechnology
12	Dr. Kalpita Mulye	Member, HOD Microbiology
13	Shri Abhijeet Kale	Member, HOD IT & CS
14	Shri. Sudhir Bhosale	Member, I/C Foundation Course
15	Dr. Mrs. Gokhe	Member, I/C DLLE
16	Dr. Bhalchandra Mandlekar	Member, I/C Gymkhana
17	Ms. Sayali Daptardar	Member, I/C Biochemistry, I/C NSS Studies
18	Lt. Bipin Dhumale	Member, I/C NCC Studies
19	Smt. Akanksha Shinde	Member
20	Dr. Urmila Kumavat	Member

The following agenda were discussed and resolutions as mentioned below were passed by the academic council:

Agenda 1: To Read and Confirm Minutes of the last meeting: Minutes of the last meeting held on September 04, 2023 at 5.00 pm were read by I/C Prin. Prof. Dr. Vinda Manjramkar and confirmed by the council. Dr. Manjramkar proposed Resolution No 39 (mentioned on Page 3) to confirm the minutes which was seconded by Dr. Gajanan Vader, Dr Deshmukh, Dr. Mahajan, Dr. Ragade and Dr. Khandpekar and the resolution was unanimously passed.

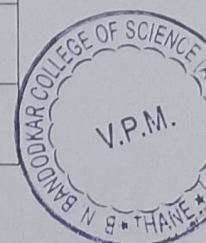
Agenda 2: NEP Grid of Credits: NEP Coordinator Prof. Dr. Anita Goswami (Head Dept of Chemistry) explained NEP Grid of SYB.Sc and M.Sc. Later I/C Principal madam explained about credit distribution and emphasis on practical skills offered through various Co-curricular Courses. For cultural and gymkhana related activities, students will be rewarded with allotted credits on the basis of their performance. The grids were approved by all members unanimously which was passed under Resolution No. 40 (mentioned on Page 3) in this effect.

Agenda 3: To approve syllabi of S.Y.B.Sc. & M.Sc. Part 2 Program under NEP for academic year 2024-25: The Heads / Incharges of Departments presented their respective syllabi approved by their Boards of Studies in item wise sequence. Apart



from core subjects, as per NEP requirements six Co-curricular Courses (CC), four revised certificate courses related to Mathematics, Biotechnology and Computer Skills and a Bridge course (Chemistry) were also presented. All members actively participated in the interaction with Heads / Incharges of Departments. All syllabi had the 30:20 marks pattern of evaluation for theory examinations and carried the pattern of external and continuous internal assessment. All the syllabi with Program codes (as per Annexure I) were unanimously approved by the council and Resolution No 41 and Resolution No.42 were passed in this respect. Also to resolve some technical issues, Certificates Course Codes were required to be changed. [Annexure II - New Format "BCC (Two Alphabets of course Title) (3 Digits suggesting course number)"]. For which permission was sought from the committee members and was approved. Details of item numbers related to Resolution No.41 and Resolution No.42 are as mentioned below:

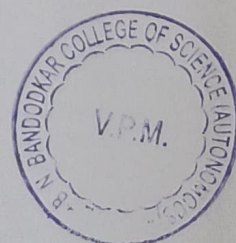
No	Programme: B.Sc.	Presented By	Semester	Resolution No. 41	Semester	Resolution No. 42
	Course			Item No.		Item No.
1	Botany	Prof. Dr. V. M. Jamdhade	III	3.1	IV	3.21
2	Chemistry	Prof. Dr. A.S.Goswami -Giri	III	3.2	IV	3.22
3	Mathematics	Smt. Minal Wankhede	III	3.3	IV	3.23
3A	Certificate Courses Quick Calculation in Mathematics	Smt. Minal Wankhede	I/II/III/IV/V/VI	3.3A		
3B	Basic Calculus using GeoGebra	Smt. Minal Wankhede		3.3B		
4	Physics	Dr. Ms. Sangita Meshram	III	3.4	IV	3.24
5	Statistics	Smt. Minal Wankhede	III	3.5	IV	3.25
6	Zoology	Dr. Vinda Manjramkar	III	3.6	IV	3.26
7	Biochemistry	Dr. Ms. Sayali Daptardar	III	3.7	IV	3.27
8	Biotechnology	Dr. Jayashree Pawar	III	3.8	IV	3.28
8A	Certificate Courses Techniques in Molecular Biology-Advanced	Dr. Jayashree Pawar	I/II/III/IV/V/VI	3.8A		
9	Microbiology	Dr. Kalpita Mulye	III	3.9	IV	3.29
10	Human Science	Dr. Vinda Manjramkar	III	3.10	IV	3.30
11	Foundation Course	Shri Sudhir Bhosale	III	3.11	IV	3.31
12	Computer Science (CS)	Shri Abhijeet Kale	III	3.12	IV	3.32



12A	Computer Skills (Revised)	Shri Abhijeet Kale	I/ II/ III/ IV/ V/ VI	3.12 A		
13	Information Technology (IT)	Shri Abhijeet Kale	III	3.13	IV	3.33
14	M.Sc. Physics	Dr. Ms. Sangita Meshram	III	3.14	IV	3.34
15	M.Sc. Chemistry	Prof. Dr. A.S.Goswami-Giri	III	3.15	IV	3.35
16	M.Sc. EVS	Dr. Urmila Kumavat	III	3.16	IV	3.36
17	M.Sc. BWCM	Dr. Urmila Kumavat	III	3.17	IV	3.37
18	M.Sc. IT	Shri Abhijeet Kale	III	3.18	IV	3.38
19	M.Sc. Data Science	Shri Abhijeet Kale	III	3.19	IV	3.39
20	M.Sc. Clinical Psychology	Dr. Vinda Manjramkar	III	3.20	IV	3.40
21	B.Sc. Chemistry Bridge Course	Prof. Dr. A.S.Goswami-Giri	III	3.41		
22	NSS/ Community Services	Dr. Ms. Sayali Daptardar	I/ III	3.42	II/ IV	3.43
23	NCC/ Defence Services	Dr. Vinda Manjramkar	I/ III	3.44	II/ IV	3.45
24	Gymkhana/ Physical Education	Dr. Vinda Manjramkar	I/ III	3.46	II/ IV	3.47
25	Yoga	Shri. Abhijeet Kale	I/ II/ III/ IV	3.48		
26	Cyber Crime Awareness	Shri. Abhijeet Kale	I/ II/ III/ IV	3.49		
27	DLLE	Dr. Gokhe	I/ II/ III/ IV	3.50		

Agenda 4 : Formation of equivalence committee for credit evaluation for autonomy and NEP: I/C Principal madam discussed the challenge of admitting students from other Affiliated colleges to autonomous and NEP pattern of syllabi at SYBSc and TYBSc levels. She proposed that if such students complete 12 extra credits with certificate courses from NEP-Basket then they should be given a degree by the end of third year. Ragade sir added that let students earn credits from any course of their choice. It was unanimously agreed by all members of council and Resolution No 43 was passed in this respect

Agenda 5 : Any other matter with the permission of Chair: At the end, Examination committee chairperson Dr. Meshram discussed the issue of cross ATKKT students who lose their academic year due to more number of ATKKT in different subjects. She appealed to the council to resolve this problem by allowing admission to students irrespective of the number of ATKKT. the same was supported by I/C

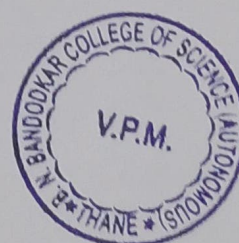


Principal madam as next year NEP syllabi (instead of Autonomous Syllabi) will be implemented in TYBSc Level. It was unanimously agreed by all members of council and Resolution No 44 was passed in this respect
The meeting was ended by a Vote of Thanks proposed by Dr. Urmila Kumavat.

Resolution	Item No	Matter
Resolution No. 39	1.1	Confirmation of Minutes of the last meeting held on September 4th 2023
Resolution No. 40	2.1	Approval of NEP Grid of Credits for SYBSc and MSc Part II
Resolution No. 41 and 42	3.1 to 3.50	Approval for SYBSc and M.Sc. Semester III and IV, co-curricular and revised certificate course syllabi to be implemented from AY 2024-2025 under NEP.
Resolution No. 43	4.1	Formation of Equivalence Committee and approval to award 12 extra credits to Affiliated college students if they complete them from NEP-Basket or any other courses
Resolution No. 44	5.1	Approval for SYBSc and TYBSc admission irrespective of number of ATKT

Annexure I - Program Codes to be used for NEP - Syllabi

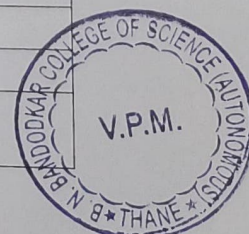
Sr. No.	Programme Code	Programme name
1	BUBC	B.Sc. Biochemistry
2	BUBT	B.Sc. Biotechnology
3	BUBO	B.Sc. Botany
4	BUCH	B.Sc. Chemistry
5	BUCS	B.Sc. Computer Science
6	BUHS	B.Sc. Human Science
7	BUIT	B.Sc. Information Technology
8	BUMT	B.Sc. Mathematics
9	BUMB	B.Sc. Microbiology
10	BUPH	B.Sc. Physics
11	BUST	B.Sc. Statistics
12	BUZO	B.Sc. Zoology
13	BPBW	M.Sc. (By Papers) Biodiversity and Wildlife Conservation and Management
14	BPEV	M.Sc. (By Papers) Environment Science
15	BPIT	M.Sc. (By Papers) Information Technology
16	BPCH	M.Sc. (By Papers) Organic Chemistry
17	BPPH	M.Sc. (By Papers) Physics
18	BPDS	M.Sc. (By Papers) Data Science
19	BPCP	M.Sc. (By Papers) Clinical Psychology
20	BPBO-R	M.Sc. (By Research) Botany



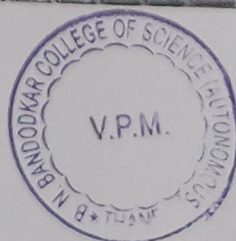
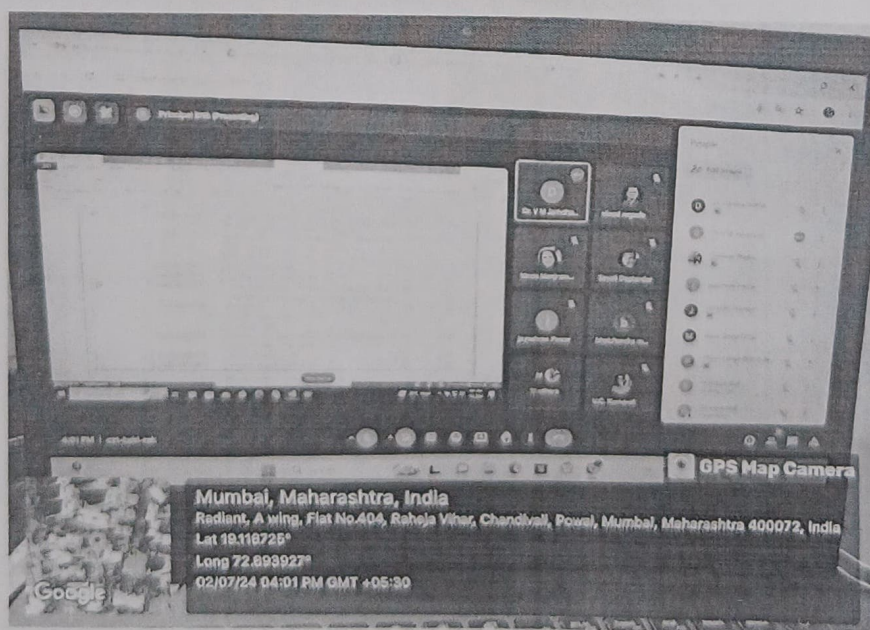
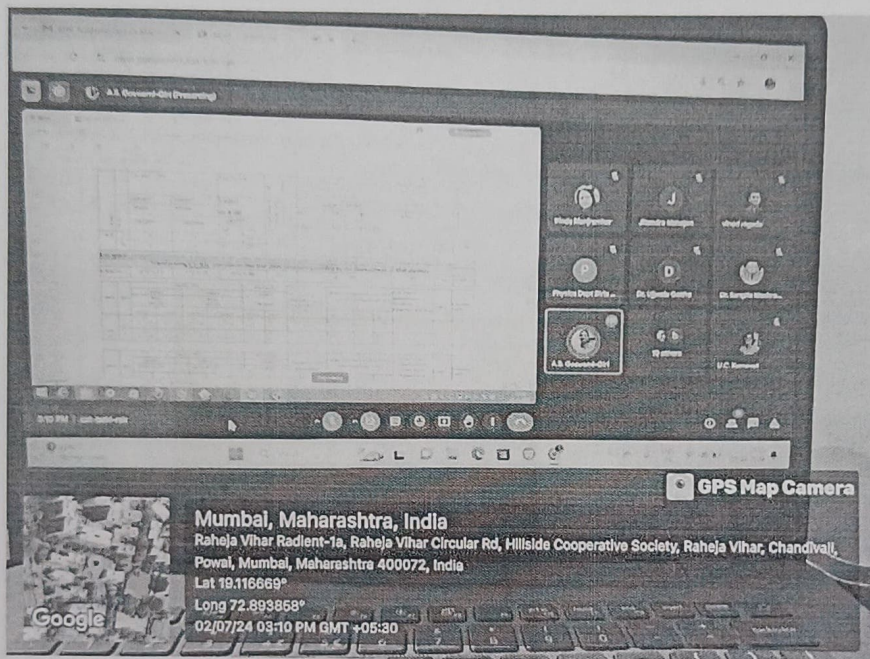
21	BPCH-R	M.Sc. (By Research) Organic and Physical Chemistry
22	BPPH-R	M.Sc. (By Research) Physics
23	BPZO-R	M.Sc. (By Research) Zoology
		TOTAL = 23

Annexure II - Certificate Courses Code

Sr. No.	Certificate Course Code	Certificate Course name
1	BCCTM039	Techniques in Molecular Biology (Advanced)
2	BCCBC038	Basic Calculus using GeoGebra (Revised)
3	BCCCS037	Computer Skills (Revised)
4	BCCQC036	Quick Calculations in Mathematics (Revised)
5	BCCCG035	Calligraphy
6	BCCIP034	Intellectual Property Rights- For Beginners
7	BCCFD033	Fish dishes
8	BCCIF032	Introduction to Forensic Science
9	BCCIO031	Introduction to Ornithology
10	BCCPG030	Post Graduate Programme in Clinical Studies, Data Management & Medical Writing
11	BCCBC029	Basics of C++
12	BCCBD028	Big Data Analysis
13	BCCNG027	Next Generation Databases
14	BCCAI026	Artificial Intelligence
15	BCCVL025	Virtualization
16	BCCML024	Machine Learning
17	BCCEB023	Economics for Beginners: The Basics
18	BCCBI022	The Beginners Introduction to Principles of Marketing
19	BCCCC021	Certificate Course in Creative Writing
20	BCCMN020	Mocktails from Nature's Basket
21	BCCBC019	Basic Course in Law for students of Faculty of Science
22	BCCCP018	The Central Public Administrative System
23	BCCSB017	SPSS Basic Level I
24	BCCAN016	Artificial Neural Networks
25	BCCBI015	Banking Insurance and Cyber Frauds
26	BCCBE014	Basic English Learning
27	BCCMB013	Management for Beginners
28	BCCBE012	Basic Excel
29	BCCSW011	Solid Waste Management
30	BCCFP010	Fruit Preserves and Beverages: A Skill Development Course



31	BCCBR009	Basics of R Software
32	BCCPL008	Python Level I
33	BCCIP007	Instrumentation & Preparation of Standard Solutions
34	BCCTM006	Techniques in Molecular Biology (Level-I)
35	BCCTM005	Techniques in Molecular Biology (Level-II)
36	BCCCC004	Certificate Course in Computer Skills
37	BCCIA003	Introduction to Astronomy and Astrophysics
38	BCCFA002	Food Adulteration and Quality Management
39	BCCRS001	Research Scholar Programme
		TOTAL = 39



Read and confirmed
I/C/ Principal