

**SIES Nerul College of Arts, Science and Commerce (Autonomous)
Nerul, Navi Mumbai 400 706**

Minutes of the Meeting of The Board of Studies in Economics held on 17/7/2023 at SIES (Nerul) College of Arts, Science and Commerce (Autonomous) by Hybrid Mode.

The first meeting was held to discuss and deliberate the proposed syllabus, evaluation process and pattern of the first year undergraduate (Semester I) and post graduate programmes (Part I) under autonomy and NEP 2020 in the concerned BoS.

Agenda of the meeting:

- 1) To approve the NEP-2020 under Autonomy for First Year students of Undergraduate and Postgraduate course (M.A. Business Economics) for the subject of Economics and Research Methodology (P.G)
- 2) To discuss and approve the curriculum and credits under Major, Minor, Open Electives of First Year students of UG and PG programmes.
- 3) To discuss and approve Course Objectives.
- 4) To discuss and approve the Evaluation pattern under Major, Minor, Open Electives of First Year students of UG and PG programmes.
- 5) To discuss and approve curriculum and evaluation credits of Add-On Courses (Bridge/Value Added, Skill-based, Short-term course etc.) and Programmes, if any.
- 6) Any other issue with the permission of the Chair.

The following members attended the meeting:

Sr. No	Category	Name and details	Attended
1	Chairperson	Dr. Koel Roychoudhury; Associate Professor, HOD (Economics), Principal	OFFLINE
2	Faculty member of the Department	Dr. Neera Kumar; Associate Professor, Vice-Principal	OFFLINE
3	Faculty member of the Department	Ms. Alisha Liz Varghese; Assistant Professor	OFFLINE
4	Subject Expert	Dr. Sanjaykumar Phulchand Phad; Associate Professor and I/C Head, SNDT Women's University, Mumbai	ONLINE
5	Subject Expert	Dr. Sanjay Jayawant Rode; Associate Professor HOD (Economics), S.K. Somaiya College, Somaiya Vidyavihar University	ONLINE
6	Industry Expert	Mr. Vishal Gada; Chief Marketing Officer, Ambition Learning Solutions	OFFLINE
7	Alumni Expert	Mr. Shlok Shinde; Research Associate, Morningstar India Private Limited	OFFLINE

The constitution for the first Board of Studies in Economics under the autonomy was placed on records as follows:

Number	Nature	Name
Chairperson	Head of the Department.	Dr. Koel Roychoudhury; Associate Professor, HOD (Economics), Principal
	All Faculty members of the Department	1. Dr. Neera Kumar; Associate Professor, Vice-Principal 2. Ms. Alisha Liz Varghese; Assistant Professor
Two Subject Experts	Two subject experts in the subject from outside the parent university to be nominated by the Academic Council	1. Dr. Sanjaykumar Phulchand Phad; Associate Professor and I/C Head, SNDT Women's University, Mumbai
		2. Dr. Sanjay Jayawant Rode; Associate Professor HOD (Economics), S.K. Somaiya College, Somaiya Vidyavihar University
One Member	One expert to be nominated by the vice-chancellor from a panel of six recommended by the autonomous college principal.	Awaiting response from University
One Member	One representative from industry/corporate sector/allied area to be nominated by the Principal.	1. Mr. Vishal Gada; Chief Marketing Officer, Ambition Learning Solutions
One Member	One member of the college Alumni to be nominated by the principal.	1. Mr. Shlok Shinde; Research Associate, Morningstar India Private Limited
	Experts from outside the Autonomous college whenever special courses of studies are to be formulated, to be nominated by the principal.	1. Mr. Vishal Gada; Chief Marketing Officer, Ambition Learning Solutions

The Chairperson, Dr. Koel Roychoudhury welcomed and introduced the members of BOS.

Dr. Koel Roychoudhury informed that the department is awaiting the name of one expert to be nominated by the Vice-Chancellor of University of Mumbai from a panel of six recommended names sent by Principal of the college.

Dr. Koel Roychoudhury presented the syllabus and the pattern of examination for semester I for the following:

Sr. No.	Subject	Course	Course offered as	Credits
1	Business Economics I	F.Y. BCom	Minor subject	2
2	Business Economics I	F.Y. BAF, F.Y. BFM, F.Y. BBI, F.Y. BMS	Open Elective	2
3	EcoShaastra- The Elementary Economics	F.Y. B.Sc (CS)	Open Elective	4
4	Microeconomic Analysis I	M.A. Business Economics	Major Subject	4
5	Macroeconomic Analysis I		Major Subject	4
6	Economics of Banking I		Major Subject	4
7	Statistics for Economics I		Major Subject	2
8	Rural Economics I		Elective Subject	4
9	Research Methodology	MCom Advanced Accountancy (Part I), MCom Business Management (Part I), M.A. Business Economics (Part I)		4
10	Advanced Microeconomics	MCom Advanced Accountancy (Part I), MCom Business Management (Part I)	Major Subject	4
11	Certificate course in Entrepreneurship Development			

Thereafter the same was discussed by the members.

Following suggestions/observations were made:

Name of the member	Suggestions/observations
1) Dr. Sanjay Phad	Under evaluation scheme, Sir suggested to have 4 short notes instead of 5 i.e., 2 from each Module out of which the student must attempt any 2 for 5 marks each for all 2 credit courses. Suggested to have 4 questions of 15 marks each (further sub-divided), one from each Module for all 4 credit courses under PG programmes.
2) Dr. Sanjay Rode	Suggested to shift production function and economies and diseconomies of scale to Module II instead of Module I, of Business Economics I for F.Y. BAF, BFM, BBI and BMS.
3) Dr. Koel Roychoudhury	Suggested whether pricing practices should be omitted from the syllabus for F.Y. BAF, BFM, BBI and BMS in Module II and then production function and economies and diseconomies of scale should be included under Module II to which all the experts agreed.
4) Dr. Sanjay Rode	Appreciated the syllabus for Open Elective under Computer Science Department (EcoShaastra) and recommended no changes.
5) Dr. Sanjay Phad	Recommended to include the concept of National Income before Trade cycles. Sir also suggested to have 4 short notes instead of 3 i.e., 1 from each Module out of which student must attempt any 3 for 4 marks each for Open Elective course EcoShaastra.
6) Mr. Shlok Shinde	Suggested that more subject choices should be there for electives for M.A. Business Economics.
7) Dr. Neera Kumar	Clarified that the other alternative for electives was Economics of Agriculture but as Rural Development syllabus includes 2 modules of Agriculture, hence it was decided to offer Rural Development to which all the experts agreed.
8) Dr. Koel Roychoudhury	Added that more options will be added under electives by the next semester. Mentioned that the syllabus for Statistics for Economics-I was brought from 4 Modules to 2 and hence asked the experts for their opinions as it is having only 2 credits.
9) Dr. Sanjay Phad	Suggested that the topics of Statistics for Economics-I should not be overlapping with the topics being taught in Research Methodology.
10) Dr. Koel Roychoudhury	Agreed that the overlapping of topics will be redesigned to avoid repetition.
11) Dr. Sanjay Phad	Enquired where isoquants will be included in Advanced Microeconomics under M.Com and suggested that it should be added immediately after short run and long run production function.

12) Dr. Koel Roychoudhury	Mentioned that it was taught before Least Cost Factor Combination for a given output and agreed to include it after short run and long run production function.
13) Dr. Sanjay Rode	Suggested to include the book "Macroeconomics" by Dornbusch and Fischer under the references for courses involving Macroeconomics.
14) Mr. Vishal Gada	Appreciated the syllabus for the Certificate course on Entrepreneurship Development and recommended that a college level "Shark Tank" can be organised for the students and can be a part of evaluation.

It was decided that the following changes be incorporated in the Proposed syllabus presented before the meeting.

Particulars as per proposed syllabus	Changes as approved in the meeting
F.Y. BCom Business Economics I	
MODULE I: Introduction to Business Economics and Analysis of Demand	No Change
MODULE II: Analysis of Cost and Production Decisions	No Change
F.Y. BAF, F.Y. BFM, F.Y. BBI and F.Y. BMS Business Economics I	
MODULE I: Fundamental Concepts and Business Decision Principles	Following topics were shifted to Module 2: a) Production Function b) Economies and Diseconomies of Scale
MODULE II: Cost of Production, Market structure & Pricing Decision	Deleted Pricing Practices Reframed the Module Title as "Production Function, Cost concepts and Market structure."
F.Y. BSc. (Computer Science) EcoShastra- The Elementary Economics	
MODULE I: Introduction to Demand Analysis	No Change
MODULE II: Production and Cost	No Change
MODULE III: Introduction to Macroeconomics	National income was included before Trade Cycles.
MODULE IV: Inflation and Role of Government in the economy	No Change
M.A. Business Economics (Part I) Microeconomic Analysis I	
MODULE I: Introduction and Basic Concepts	No Change
MODULE II: Production and Cost	No Change
MODULE III: Competition and Markets	No Change
MODULE IV: Micro economic theories	No Change
M.A. Business Economics (Part I) Macroeconomic Analysis I	
MODULE I: National Income Accounting	No Change
MODULE II: Economics of aggregates	No Change
MODULE III: Demand for money and Supply of Money	No Change

MODULE IV: Consumption Function	No Change
M.A. Business Economics (Part I) Economics of Banking I	
MODULE I: Money	No Change
MODULE II: Commercial Banking	No Change
MODULE III: Central Banking	No Change
MODULE IV: Indian Money Market and Banking	No Change
M.A. Business Economics (Part I) Statistics for Economics I	
MODULE I: Introduction to Basic Statistics	No Change
MODULE II: Correlation, Regression and Index Numbers	No Change
M.A. Business Economics (Part I) Rural Economics I	
MODULE I: Rural Economy of India	No Change
MODULE II: Rural Dimensions	No Change
MODULE III: Indian Agriculture	No Change
MODULE IV: Agricultural Finance	No Change
M.A. Business Economics (Part I), M.Com Advanced Accountancy (Part I) and M.Com Business Management (Part I) Research Methodology	
MODULE I: Introduction to Research	No Change
MODULE II: Research Process	No Change
MODULE III: Data Processing and Statistical Analysis Under sub-topic: "Statistical Analysis"	Reframed the Module Title as "Data Processing, Analysis and Interpretation." Redesigned a topic as: "Data Analysis and Interpretation: Tools and Techniques- concepts of Measures of Central Tendency, Measures of Dispersion, Correlation Analysis and Regression Analysis in Research" to avoid repetitions with Statistics for Economics I.
MODULE IV: Research Reporting and Modern Practices in Research	No Change
M.Com Advanced Accountancy (Part I) and M.Com Business Management (Part I) Advanced Microeconomics	
MODULE I: Basic Principles in Business Economics	No Change
MODULE II: Demand and Supply Analysis	No Change
MODULE III: Production decisions and Cost analysis	Included a topic on Isoquants after Short run and Long run production function.
MODULE IV: Market structure analysis	No Change
Certificate course on Entrepreneurship Development	
MODULE I: Entrepreneurship Development & New Generations of entrepreneurship	No Change
MODULE II: Skills of an Entrepreneur & External Influences on Entrepreneurship Development	No Change
MODULE III: Business plan/Project Plan	No Change

Development	
MODULE IV: Organization Assistance & Government Schemes For Startup Business In India	No Change
MODULE V: Project Report	No Change

The Proposed syllabus accepted and approved without modifications are:

- 1) F.Y. BCom Business Economics I.
- 2) M.A. Business Economics (Part I) Microeconomic Analysis I.
- 3) M.A. Business Economics (Part I) Macroeconomic Analysis I.
- 4) M.A. Business Economics (Part I) Economics of Banking I.
- 5) M.A. Business Economics (Part I) Statistics for Economics I.
- 6) M.A. Business Economics (Part I) Rural Economics I.
- 7) Certificate course on Entrepreneurship Development.

The Proposed syllabus accepted and approved with modifications are:

- 1) F.Y. BAF, F.Y. BFM, F.Y. BBI and F.Y. BMS Business Economics I
- 2) F.Y. BSc. (Computer Science) EcoShaastra- The Elementary Economics
- 3) M.A. Business Economics (Part I), M.Com Advanced Accountancy (Part I) and M.Com Business Management (Part I) Research Methodology
- 4) M.Com Advanced Accountancy (Part I) and M.Com Business Management (Part I) Advanced Microeconomics.

The Proposed evaluation pattern accepted and approved without modifications are:

- 1) M.Com Advanced Accountancy (Part I) and M.Com Business Management (Part I) Advanced Microeconomics.
- 2) Certificate course on Entrepreneurship Development

The Proposed evaluation pattern accepted and approved with modifications are:

- 1) F.Y. BCom Business Economics I.
- 2) M.A. Business Economics (Part I) Microeconomic Analysis I.

- 3) M.A. Business Economics (Part I) Macroeconomic Analysis I.
- 4) M.A. Business Economics (Part I) Economics of Banking I.
- 5) M.A. Business Economics (Part I) Statistics for Economics I.
- 6) M.A. Business Economics (Part I) Rural Economics I.
- 7) F.Y. BAF, F.Y. BFM, F.Y. BBI and F.Y. BMS Business Economics I
- 8) F.Y. BSc. (Computer Science) EcoShaastra- The Elementary Economics
- 9) M.A. Business Economics (Part I), M.Com Advanced Accountancy (Part I) and M.Com Business Management (Part I) Research Methodology

Further Resolved that the Syllabi and Evaluation pattern in the of all the aforementioned courses be approved and adopted in a progressive manner for the academic year 2023-24.

Dr. Koel Roychoudhury informed that the credit structure, courses, syllabus and evaluation process for semester II and second year/part II for undergraduate/post graduate programme would be presented for approval in the second meeting of BOS which would be held in the month of October/November 2023.

The meeting was concluded with a vote of thanks extended by Dr. Koel Roychoudhury.

Koel

Chairman – BOS – Economics
Place : Nerul, Navi Mumbai
Date: 17/7/2023

**SIES Nerul College of Arts, Science and Commerce (Autonomous)
Nerul, Navi Mumbai 400 706**

Minutes of the Meeting of The Board of Studies in Commerce held on 17th July 2023 at 10.30 am by Hybrid Mode.

The first meeting was held to discuss and deliberate the proposed syllabus, evaluation process and pattern of the first year undergraduate (Semester I) and post graduate programmes (Part I) under autonomy and NEP 2020 in the concerned BoS.

AGENDA

1. To approve the NEP 2020 under the autonomy for the first year students of undergraduate and postgraduate for Department of Commerce (BCOM & MCOM)
2. To discuss and approve the curriculum and credits under Major, Minor, open electives, VSC, SEC, IKS, & CC of first year student of UG and PG program.
3. To discuss and approve the course objectives, course outcomes and programme outcomes wherever needed.
4. To discuss and approve the evaluation pattern under Major, Minor, open electives, VSC, SEC, AEC, VEC, IKS & CC for first year students of UG & PG programs.
5. To discuss and approve curriculum and evaluation credits of add on courses (Bridge/ Value added, Skill based. Short term courses etc.) and programs if any.
6. Any other issues with permission of the Chair

The following members attended the meeting:

Sr. No	Category	Name and details
1.	Chairman & Head of the Department	Ms. Sugandha Jha
2.	Associate Professor HSNC University	Dr. Ms. Kulvinder Kaur
3.	Director – Amity Business School	Dr. Bhavna Sharma –Online Ms.Teams
4.	Alumi and Industry person	Mr. Varun Vij
5.	Industry Expert	Ms. Vinita Vyas – Online Ms.Teams
6.	Staff – Asst. Prof.	Ms. Rupali Zele



7.	Staff – Asst. Prof.	Mr. Girish Karnad
8.	Staff – Asst. Prof.	Mr. Vishal Bodhale
9.	Staff – Asst. Prof.	Ms. Bhavana Koli

*Requested leave of absence (if any)

The constitution for the first Board of Studies in Department of Commerce under the autonomy was placed on records as follows:

Number	Nature	Name and details
1.		
2.	Dr. Kulvinder Kaur Batth	Subject Expert, Associate Professor, Department of Commerce, K.C. College, HSNC University, Mumbai
3.	Dr. Bhawna Sharma	Subject Expert, Officiating Director & HOI Nodal Officer-International Programs, Amity Business School,
4.	Ms. Vinita Vyas	Industry Expert, Founder, Simply Improve, Mumbai
5.	Mr. Varun Vij	College Alumni Member, Advocate Managing Partner, Juris Falcon Law group
6.	CA. Nisha Shah	Expert from Outside Autonomous college.
7.	Ms. Sugandha Jha	Head of the Commerce Department
8.	Ms. Rupali Zele	Faculty Commerce Department
9.	Mr. Girish Karnad	Faculty Commerce Department
10.	Mr. Vishal Bodhale	Faculty Commerce Department
11.	Ms. Bhavana Koli	Faculty Commerce Department

The Chairperson, Ms. Sugandha Jha, welcomed and introduced the members of BOS.

Ms. Sugandha Jha also informed that department is awaiting the name of one expert to be nominated by the Vice-Chancellor of University of Mumbai from a panel of six recommended names sent by Principal of the college.

Ms. Sugandha Jha presented the syllabus and the pattern of examination for semester I for the following:

Commerce – 2 Credits
Travel & Tourism – 2 Credits
Environment & Sustainable development -2 credits
Indian Knowledge system- 2 credits
Business Law- 2 Credits
Business Environment-2 credits
Commerce for BAF – 2 Credits
Strategic Management – 2 credits
Research Methodology -2 credits
Exam Pattern

Thereafter the same was discussed by the members.



Following suggestions/observations were made:

Name of the member	Suggestions/observations
Dr. Bhawna Sharma	Travel and Tourism - Eco village to be added in incredible India
Mr. Varun Vij/ Ms. Nisha Shah	Business Law- Introduction to Consumer Protection to be added
Dr. Bhawna Sharma	Commerce for BAF Introduction to Consumer protection to be added and consumer redressal forum to be highlighted.
Dr. Bhawna Sharma	Strategic Management- change management to be added.
Dr. Kulvinder Kaur Batth	Remove the answer in brief for five marks and keep the objectives for 10 marks instead of 5 marks for objectives and 5 marks for answer in brief.

It was decided that the following changes be incorporated in the Proposed syllabus presented before the meeting.

Particulars as per proposed syllabus	Changes as approved in the meeting
Commerce	
Module 1: Introduction to Commerce	No Change
Module 2: Business Environment	No Change

The Proposed syllabus was accepted without modifications for Commerce.

Resolved that the proposed syllabi in the course of Commerce of Bachelor of Commerce are hereby approved without modifications as stated above.

Further Resolved that the proposed evaluation pattern in the course of Commerce of Bachelor of Commerce are hereby approved without modifications.

Further Resolved that the Syllabi and Evaluation pattern in the subject Commerce of Bachelor of Commerce be approved and adopted in a progressive manner for the academic year 2023-24.

It was decided that the following changes be incorporated in the Proposed syllabus presented before the meeting.

Particulars as per proposed syllabus	Changes as approved in the meeting
Travel And Tourism	
Module 1: Introduction to Tourism Sector	Eco Village to be added in incredible India.



and Tourism development.	
Module 2: New concept of Tourism and Economic activity.	No Change

The Proposed syllabus was accepted with modifications for Travel & Tourism in Bachelor of Commerce

Resolved that the proposed syllabi in the course of Travel & Tourism of Bachelor of Commerce are hereby approved with modifications as stated above.

Further Resolved that the proposed evaluation pattern in the course of Travel & Tourism of Bachelor of Commerce are hereby approved with modifications.

Further Resolved that the Syllabi and Evaluation pattern in the subject Travel & Tourism of Bachelor of Commerce be approved and adopted in a progressive manner for the academic year 2023-24.

It was decided that the following changes be incorporated in the Proposed syllabus presented before the meeting.

Particulars as per proposed syllabus	Changes as approved in the meeting
Environment and Sustainable Development	
Module 1: Environment and Ecosystem	No Change
Module 2: Sustainable Natural resource management	No Change

The Proposed syllabus was accepted without modifications for Environment and Sustainable development in Bachelor of Commerce.

Resolved that the proposed syllabi in the course of Environment & Sustainable development of Bachelor of Commerce are hereby approved without modifications as stated above.

Further Resolved that the proposed evaluation pattern in the course of Environment and Sustainable Development of Bachelor of Commerce are hereby approved without modifications.

Further Resolved that the Syllabi and Evaluation pattern in the subject Environment and Sustainable Development of Bachelor of Commerce be approved and adopted in a progressive manner for the academic year 2023-24.

It was decided that the following changes be incorporated in the Proposed syllabus presented before the meeting.

Particulars as per proposed syllabus	Changes as approved in the meeting
Indian Ethos and Business Ethics	



Module 1: Introduction to Indian Ethos & Understanding values in Business.	No Change
Module 2: Understanding the ethical needs & ethical dilemma.	No Change

The Proposed syllabus was accepted without modifications for Indian Ethos and Business Ethics for Bachelor of Commerce.

Resolved that the proposed syllabi in the course of Indian Ethos and Business Ethics of Bachelor of Commerce are hereby approved without modifications as stated above.

Further Resolved that the proposed evaluation pattern in the course of Indian Ethos and Business Ethics in Bachelor of Commerce are hereby approved without modifications.

Further Resolved that the Syllabi and Evaluation pattern in the subject Indian Ethos and Business Ethics of Bachelor of Commerce be approved and adopted in a progressive manner for the academic year 2023-24.

It was decided that the following changes be incorporated in the Proposed syllabus presented before the meeting.

Particulars as per proposed syllabus	Changes as approved in the meeting
Business Law	
Module 1: Indian Contract Act, 1872	No Change
Module 2: The Negotiable instrument act 1981	No Change
Consumer Protection Act to be added.	Suggested to be newly added.

The Proposed syllabus was accepted with modifications for Business Law in Bachelor of Commerce

Resolved that the proposed syllabi in the course of Business Law of Bachelor of Commerce are hereby approved with modifications as stated above.

Further Resolved that the proposed evaluation pattern in the course of Business Law of Bachelor of Commerce are hereby approved with modifications.

Further Resolved that the Syllabi and Evaluation pattern in the subject Business Law of Bachelor of Commerce be approved and adopted in a progressive manner for the academic year 2023-24.

It was decided that the following changes be incorporated in the Proposed syllabus presented before the meeting.

Particulars as per proposed syllabus	Changes as approved in the meeting
Business Environment	
Module 1: Business & its Environment	No Change



Module 2: Business & Society	No Change
Module 3: Entrepreneurship and Economic Development.	No Change
Module 4: Consumer Protection Act 1986	No Change

The Proposed syllabus was accepted without modifications for Business Environment in Bachelor of Commerce.

Resolved that the proposed syllabi in the course of Business Environment of Bachelor of Commerce are hereby approved without modifications as stated above.

Further Resolved that the proposed evaluation pattern in the course of Business Environment of Bachelor of Commerce are hereby approved without modifications.

Further Resolved that the Syllabi and Evaluation pattern in the subject Business Environment of Bachelor of Commerce be approved and adopted in a progressive manner for the academic year 2023-24.

It was decided that the following changes be incorporated in the Proposed syllabus presented before the meeting.

Particulars as per proposed syllabus	Changes as approved in the meeting
Commerce for BAF	
Module 1: Business & its Environment	No Change
Module 2: Business & its Society	No Change
Module 3: Entrepreneurship and Economic development	No Change
	Suggested to include Introduction to Consumer protection act and the Redressal mechanism.

The Proposed syllabus was accepted with modifications for Commerce for BAF in Bachelor of Commerce

Resolved that the proposed syllabi in the course of Commerce for BAF of Bachelor of Commerce are hereby approved with modifications as stated above.

Further Resolved that the proposed evaluation pattern in the course of Commerce for BAF of Bachelor of Commerce are hereby approved with modifications.

Further Resolved that the Syllabi and Evaluation pattern in the subject Commerce for BAF of Bachelor of Commerce be approved and adopted in a progressive manner for the academic year 2023-24.

It was decided that the following changes be incorporated in the Proposed syllabus presented before the meeting.



Particulars as per proposed syllabus	Changes as approved in the meeting
Strategic Management	
Module 1: Introduction to Strategy Management.	No Change
Module 2: Strategy formulation, implementation and evaluation.	No Change
Module 3: Business, corporate and global strategies.	No Change
Module 4: Current strategic trends	No Change
	Change management to be included.

The Proposed syllabus was accepted with modifications for Business Environment in Bachelor of Commerce.

Resolved that the proposed syllabi in the course of Strategic Management of Master of Commerce are hereby approved with modifications as stated above.

Further Resolved that the proposed evaluation pattern in the course of Strategic Management of Master of Commerce are hereby approved without modifications.

Further Resolved that the Syllabi and Evaluation pattern in the subject Strategic Management in Master of Commerce be approved and adopted in a progressive manner for the academic year 2023-24.

It was decided that the following changes be incorporated in the Proposed syllabus presented before the meeting.

Particulars as per proposed syllabus	Changes as approved in the meeting
Research Methodology	
Module 1: Introduction to Research	No Change
Module 2: Research Process	No Change
Module 3: Data processing and statistical analysis	No Change
Module 4: Research reporting and modern practices in research.	No Change

The Proposed syllabus was accepted without modifications for Research Methodology of Masters in Commerce.

Resolved that the proposed syllabi in the course of Research Methodology in Masters of Commerce are hereby approved without modifications as stated above.



Further Resolved that the proposed evaluation pattern in the course of Research Methodology in Masters in Commerce (add Programme name) are hereby approved without modifications.

Further Resolved that the Syllabi and Evaluation pattern in the subject Research Methodology of Masters in Commerce be approved and adopted in a progressive manner for the academic year 2023-24.

The Chairperson proposed one short term courses of 2 credits (30 hours of each) and its evaluation pattern

Course Name	Credit	Hours	Marks
Event Management	2	30	50

Assessment	Marks
Project/ Assignment/ presentation/Viva	30
Test Objective	20

Chairman Ms. Sugandha Jha informed that the credit structure, courses, syllabus and evaluation process for semester II and second year/part II for under graduate/post graduate programme would be presented for approval in the second meeting of BOS which would be held in the month of October/November 2023.

The meeting was concluded with a vote of thanks extended by Prof. Ms. Sugandha Jha

Sjha

Chairman – BOS – Ms. Sugandha Jha

Place : Nerul, Navi Mumbai

Date: 17th July 2023



**SIES Nerul College of Arts, Science and Commerce (Autonomous)
Nerul, Navi Mumbai 400 706**

Minutes of the Meeting of The Board of Studies in Department of Accountancy held on 18th July 2023 at 10:00 am by Hybrid Mode.

The first meeting was held to discuss and deliberate the proposed syllabus, evaluation process and pattern of the first year undergraduate (Semester I) and post graduate programmes (Part I) under autonomy and NEP 2020 in the Department of Accountancy BOS.

- 1) Discussion on the Proposed Syllabus for First Year B.Com (Accounting & Finance), First Year B.Com (Financial Markets), First Year B.Com (Bachelor of Commerce) and M.Com (Advanced Accountancy) under Autonomy and NEP 2020.
- 2) Discussion on the Evaluation Process and Pattern for First Year B.Com (Accounting & Finance), First Year B.Com (Financial Markets), First Year B.Com (Bachelor of Commerce) and M.Com (Advanced Accountancy) under Autonomy and NEP 2020.
- 3) To discuss and approve the curriculum and credits under Major, Minor, Open Electives of First Year students of UG and PG programmes.
- 4) To discuss and approve curriculum and evaluation credits of Add-On Courses (Bridge/Value Added, Skill-based, Short-term course etc.) and Programmes, if any.
- 5) Any other issue with the permission of the Chair.

The following members attended the meeting:

Sr. No	Category	Name	Details
1.	Chairperson	Dr. Priyanka Mohan	HOD of Dept. Of Accountancy.
2	Faculty Members	Dr. Babita Kakkar Mr. Girish Kirtani Dr. Snehal Patil Ms. Dhvani Chauhan Ms. Mushira Charfare Ms. Jinal Khetia	Asst. Professor Asst. Professor Asst. Professor Asst. Professor Asst. Professor Asst. Professor
3	Subject Experts	Dr. Jaya Mangalani	Associate Professor Department of Accountancy HR College of Commerce and Economics
		Dr. Vinit Joshi	Assistant Professor Department of Accounting & Finance S.K. Somaiya College Vidyavihar University, Mumbai.
4	Industry representative	Ms. Taranjit Kaur Oberai	Entrepreneur, Career Transformer, COO
5	Alumnus	CA Vighnesh Neelakantan	Chartered Accountant

6	Expert from Outside the Autonomous college	Dr Arvind Luhar	Head of Department, Accountancy. Ismail Yusuf College (Autonomous)
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The constitution for the first Board of Studies in Department of Accountancy under the autonomy was placed on records as follows:

Number	Nature	Name	Details
1	Chairperson	Dr. Priyanka Mohan	HOD of Dept. Of Accountancy.
2.	Faculty Members	Dr.Babita Kakkar Mr. Girish Kirtani Dr. Snehal Patil Ms. Priyanka Gogri Ms. Dhvani Chauhan Ms. Mushira Charfare Ms. Jinal Khetia	Asst.Professor Asst.Professor Asst.Professor Asst.Professor Asst.Professor Asst.Professor Asst.Professor
3	Two Subject Experts from outside the college to be nominated by the Academic Council	Dr. Jaya Mangalani	Associate Professor Department of Accountancy HR College of Commerce and Economics
		Dr. Vinit Joshi	Assistant Professor Department of Accounting & Finance S.K. Somaiya College Vidyavihar University, Mumbai.
4	Panel of Six Experts to be nominated by the Vice Chancellor from a Panel of Six Recommended by the College Principal (One Member)	Dr. CA Anuradha Ganesh	Parle Tilak Vidyalaya Association's Mulund College of Commerce (Autonomous)
		Dr. CA Jayant Apte	Director- Education Ghanshyam Das Saraf College
		Dr. Nishikant Jha	Vice Principal Thakur College of Science and Commerce (Autonomous)
		Prof (Dr.) Sudhakar Yadav	CKT College (Autonomous)
		Ms. Abida Khan	Co-ordinator B.com Accounting & Finance Pillai College of Arts, Commerce and Science (Autonomous)
		Dr. CA Bharat Patel	Head of Department Mithibai College (Autonomous)
5	Industry representative (One Member)	Ms. Taranjit Kaur Oberai	Entrepreneur, Career Transformer, COO
6	Alumnus (One Member)	CA Vighnesh Neelakantan	Chartered Accountant
7	Expert from Outside the Autonomous college	Dr Arvind Luhar	Head of Department, Accountancy. Ismail Yusuf College (Autonomous)

The Chairperson, **Dr. Priyanka Mohan** welcomed and introduced the members of BOS.

Dr. Priyanka Mohan , informed that department is awaiting the name of one expert to be nominated by the Vice-Chancellor of University of Mumbai from a panel of six recommended names sent by Principal of the college.

Dr. Priyanka Mohan presented the syllabus and the pattern of examination for semester I for the following:

First Year B.Com (Accounting & Finance)

Semester-1 Subjects	Course Name	Credits	Paper
Major (Core)	Financial Accounting - I	4	1
Minor	Financial Management - I	4	1
VSC	Applications of Digital Tools	2	1
SEC	Introduction to Financial System	2	1
IKS	Indian Ethos in Business Management	2	1

First Year B.Com (Financial Market)

Semester-1 Subjects	Course Name	Credits	Paper
Major (Core)	Financial Accounting - I	4	1
Minor Paper -2	Introduction to Financial System	2	1
VSC	Business Environment	2	1
SEC	Basics of Securities Market	2	1
IKS	Indian Ethos in Business Management	2	1

First Year B.Com

Semester-1 Subjects	Course Name	Credits	Paper
Major (Core)	Financial Accounting - I	4	1

M.com (Advance Accountancy)

Semester-1 Subjects	Course Name	Credits	Paper
Major (Core)	Advance Financial Management	4	1
Major (Electives)	Advance Auditing	4	1

Thereafter the same was discussed by the members.

Following suggestions/observations were made:

Name of the member	Suggestions/observations
1. Dr. Vinit Joshi and CA Vignesh Neelakantan	First year B.com (Accounting & Finance), Major Subject- Financial Accounting-I

	Module titled Hire Purchase to be replaced with Accounting Standards looking at the Practical usage of Accounting Standards in near Future.
2.CA Vignesh Neelakantan and Dr Vinit Joshi	Recommended Change in the Syllabus of Core Subject Financial Management of M.Com (Advance Accountancy) Chapter named Mutual Funds to be replaced with Dividend/ Capital Structure Theories.
3.Ms. Taranjit Kaur Oberoi and Ms.Jaya Mangalani	Suggested incorporating Tally and SAP in future Semesters for enhancing Vocational Skills looking at the Industry Demands.
4. CA Vignesh Neelakantan, Dr Vinit Joshi, Ms. Taranjit Kaur Oberoi and Ms.Jaya Mangalani	Recommended incorporating New Languages Like Hindi, French, German etc in the Future Semester for enhancing ability of the Students.

It was decided that the following changes be incorporated in the Proposed syllabus of **Major Subject Financial Accounting - I** for the Students of **First Year B.com (Accounting & Finance)** presented before the meeting.

Particulars as per proposed syllabus	Changes as approved in the meeting
Module 1: CAPITAL AND REVENUE EXPENDITURE AND RECEIPTS	No Change
Module 2: PREPARATION OF FINAL ACCOUNTS	No Change
Module 3: DEPARTMENTAL ACCOUNTS	No Change
Module 4: ACCOUNTING FOR HIRE PURCHASE	Approved ACCOUNTING STANDARDS ISSUED BY ICAI

It was decided that the following changes be incorporated in the Proposed syllabus of **Major Subject Advance Financial Management** for the Students of **M.COM (ADVANCED ACCOUNTANCY)** presented before the meeting.

Particulars as per proposed syllabus	Changes as approved in the meeting
Module I:- Types of Financing	No Change
Module II:- Capital Budgeting	No Change
Module III:- Mutual Fund	Approved Capital Structure Theory and Dividend Decision

Module IV:- Financial Planning, Financial Policy & Corporate Strategy	ACCOUNTING STANDARDS ISSUED BY ICAI
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The Proposed syllabus was accepted without modifications for **First Year B.com (Accounting & Finance)** which were approved without any changes.

Semester-1 Subjects	Course Name	Credits	Paper
Minor	Financial Management - I	4	1
VSC	Applications of Digital Tools	2	1
SEC	Introduction to Financial System	2	1
IKS	Indian Ethos in Business Management	2	1

The Proposed syllabus was accepted without modifications for **First Year B.com (Financial Market)** which were approved without any changes.

Semester-1 Subjects	Course Name	Credits	Paper
Major (Core)	Financial Accounting - I	4	1
Minor Paper -2	Introduction to Financial System	2	1
VSC	Business Environment	2	1
SEC	Basics of Securities Market	2	1
IKS	Indian Ethos in Business Management	2	1

The Proposed syllabus was accepted without modifications for **First Year B.com (Bachelor of Commerce)** which were approved without any changes.

Semester-1 Subjects	Course Name	Credits	Paper
Major (Core)	Financial Accounting - I	4	1

The Proposed syllabus was accepted without modifications for **M.com (Advance Accountancy)** which were approved without any changes.

Semester-1 Subjects	Course Name	Credits	Paper
Major (Electives)	Advance Auditing	4	1

Resolved that the proposed syllabi in the course of **First Year B.com (Accounting & Finance)** are hereby approved **with** modifications as stated above.

Semester-1 Subjects	Course Name	Credits	Paper
Major (Core)	Financial Accounting - I	4	1

Resolved that the proposed syllabi in the course of **M.com (Advance Accountancy)** hereby approved **with** modifications as stated above.

Semester-1 Subjects	Course Name	Credits	Paper
Major (Core)	Advance Financial Management	4	1

Further Resolved that the proposed evaluation pattern in the course of **First Year B.com (Accounting & Finance)** are hereby approved **without** modifications.

Semester-1 Subjects	Course Name	Credits	Paper
Major (Core)	Financial Accounting - I	4	1
Minor	Financial Management - I	4	1
VSC	Applications of Digital Tools	2	1
SEC	Introduction to Financial System	2	1
IKS	Indian Ethos in Business Management	2	1

Further Resolved that the proposed evaluation pattern in the course of **First Year B.com (Financial Markets)** are hereby approved **without** modifications.

Semester-1 Subjects	Course Name	Credits	Paper
Major (Core)	Financial Accounting - I	4	1
Minor Paper -2	Introduction to Financial System	2	1
VSC	Business Environment	2	1
SEC	Basics of Securities Market	2	1
IKS	Indian Ethos in Business Management	2	1

Further Resolved that the proposed evaluation pattern in the course of **First Year B.com (Bachelor of Commerce)** are hereby approved **without** modifications.

Semester-1 Subjects	Course Name	Credits	Paper
Major (Core)	Financial Accounting - I	4	1

Further Resolved that the proposed evaluation pattern in the course of **M.Com (Advance Accountancy)** are hereby approved **without** modifications.

Semester-1 Subjects	Course Name	Credits	Paper
Major (Core)	Advance Financial Management	4	1
Major (Electives)	Advance Auditing	4	1

Further Resolved that the Syllabi and Evaluation pattern in the **Short Term Course titled Advanced Excel and Digital Tools** of Department of Accountancy be approved and adopted in a progressive manner for the academic year 2023-24.

Further Resolved that the Syllabi and Evaluation pattern in the course of **First Year B.com (Accounting & Finance)** be approved and adopted in a progressive manner for the academic year 2023-24.

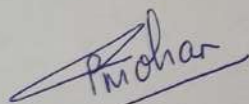
Further Resolved that the Syllabi and Evaluation pattern in the course of **First Year B.com (Financial Markets)** be approved and adopted in a progressive manner for the academic year 2023-24.

Further Resolved that the Syllabi and Evaluation pattern in the course of **First Year B.com (Bachelor of Commerce)** be approved and adopted in a progressive manner for the academic year 2023-24.

Further Resolved that the Syllabi and Evaluation pattern in the course of **M.Com (Advance Accountancy)** be approved and adopted in a progressive manner for the academic year 2023-24.

Dr. Priyanka Mohan informed that the credit structure, courses, syllabus and evaluation process for semester II and second year/part II for under graduate/post graduate programme would be presented for approval in the second meeting of BOS which would be held in the month of October/November 2023.

The meeting was concluded with a vote of thanks extended by **Dr. Snehal Patil**.



Dr. Priyanka Mohan
Chairman – BOS – Department of Accountancy
Place : Nerul, Navi Mumbai
Date: 18th July 2023

**SIES Nerul College of Arts, Science and Commerce (Autonomous)
Nerul, Navi Mumbai 400 706**

Minutes of the Meeting of The Board of Studies in B.Com (Banking & Insurance) held on 17/07/2023 at 9.00am by Hybrid Mode.

The first meeting was held to discuss and deliberate the proposed syllabus, evaluation process and pattern of the first year undergraduate programme of B.Com Banking and Insurance (Semester I) under autonomy and NEP 2020 in the Board of Studies of Banking and Insurance . The Following was the agenda of the BoS meeting:

1. To approve the NEP 2020 under the autonomy for First Year undergraduate students of Department of Banking & Insurance.
2. To discuss & approve the curriculum and credits under Major, Minor, Open Electives, VSC, SEC, AEC, VEC, IKS & CC of First Year students of B.Com Banking and Insurance.
3. To discuss and approve Course Objectives, Course Outcomes and Programme Outcomes, wherever needed.
4. To discuss and approve the Evaluation pattern under Major, Minor, Open Electives, VSC, SEC, AEC, VEC, IKS & CC of First Year students of B.Com Banking and Insurance.
5. To discuss and approve curriculum and evaluation credits of Add-on Courses (Bridge/Value Added, Skill –based, Short term course etc)
6. Any other issue with the permission of the Chair.

The following members attended the meeting:

Sr. No	Category	Name and details
1.	Chairperson & Head of the Department	Ms. Lata Lokhande
2.	Subject Expert	Dr.Mangesh Jadhav, Senior Assistant Professor, Dr.D.Y.Patil University, Navi Mumbai
3.	Subject Expert	Dr.Nitin Panjabi, Vice Principal, HR College (Online through MS Teams)
4.	College Alumni Representative	Mr.Nitin Prabhu CA
5.	Faculty Member	Ms.Bhumika More
6.	Faculty Member	Mr.R.Perumal

Mr.Ashish Sharma, Industry Expert, Senior Vice President, Axis Bank Limited requested for leave of absence



The constitution for the first Board of Studies in B.Com (Banking & Insurance) under the autonomy was placed on records as follows:

Number	Nature	Name and details
1.	Chairperson & Head of the Department	Ms. Lata Lokhande
2.	Subject Expert	Dr.Mangesh Jadhav, Senior Assistant Professor, Dr.D.Y.Patil University, Navi Mumbai
3.	Subject Expert	Dr.Nitin Panjabi, Vice Principal, HR College
4.	Industry Expert	Mr.Ashish Sharma, Senior Vice President, Axis Bank Limited
5.	College Alumni Representative	Mr.Nitin Prabhu CA
6.	Faculty Member	Ms.Bhumika More
7.	Faculty Member	Mr.R.Perumal

The Chair-person, Mrs Lata Lokhande welcomed and introduced all members of BOS.

Mrs. Lata Lokhande informed that department is awaiting the name of one expert to be nominated by the Vice-Chancellor of University of Mumbai from a panel of six recommended names sent by Principal of the college.

Mrs.Lata Lokhande presented the syllabus and the examination pattern for semester I of B.COM (Banking and Insurance). The credit structure for First year Banking and Insurance Semester I would be as follows:

SEMESTER I			
Serial No	Course code	Credits	Course Name
I	Major Department Specific Course (DSC)		
1	U23BI1MJ01	04	Environment and Management of Financial Services
II	Minor Department Specific Course		
1	U23BI1MI01	04	Financial Accounting - I
III	Open Electives(OE)/ Generic Electives		
1	U23BI1E01	02	Business Economics - I
2	U23BI1E02	02	Quantitative Methods - I



IV	VOCATIONAL SKILL COURSE (VSC) & SKILL ENHANCEMENT COURSE (SEC)		
1	U23BI1VSC01	02	Digital Banking
2	U23BI1SEC01	02	Principles of Management
V	ABILITY ENHANCEMENT COURSE(AEC)/VALUE EDUCATION COURSE (VEC) / INDIAN KNOWLEDGE SYSTEM (IKS)		
1	U23BI1AEC01	02	Effective Communication - I
2	U23BI1VEC01	02	Understanding Indian Society and Constitutional Values
3	U23BI1IKS01	02	Indian Ethos in Business Management
TOTAL CREDITS		22	

Thereafter the same was discussed by the members.

Following suggestions were made:

Name of the member	Suggestions/observations
Dr. Navin Punjabi	In Principles of Management course in Module 4 Leaders in banking and insurance sector should be added

It was decided that the following changes be incorporated in the Proposed syllabus of Principles of Management presented before the meeting.

Particulars as per proposed syllabus	Changes as approved in the meeting
Environment Management of Financial Services	
Module -1- Introduction to Financial System	No change
Module-2 -Phases of Development of Banking and Insurance	No change
Module-3 -Management, Regulation and Development	No change
Module-4 -Regulatory and Developmental Framework of Banking & Insurance	No change
Financial Accounting I	
Unit I - Introduction to Accounting	No change
Unit II - Accounting Standards	No change
Unit III - Hire Purchase, Instalment and Lease	No change
Unit – IV Final Accounts of Manufacturing Firms	No change



Digital Banking	
Module 1- Basics of Digital Banking	No change
Module 2 –Digital Banking Products	No change
Module 3 – New Developments in Banking Sector	No change
Module 4- Risk in Digital Banking	No change
Principles of Management	
Module -1 Introduction to Management	No change
Module-2 Planning and Decision Making related to Banking and Insurance companies	No change
Module-3 Organizing and Staffing related to Banking and Insurance companies	No change
Module-4 Directing, Coordination and Controlling related to Banking and Insurance companies	Added Leaders in banking and insurance sector
INDIAN ETHOS IN BUSINESS MANAGEMENT	
Unit-I Indian Ethos – An Overview	No change
Unit-II Management Lessons from Scriptures	No change
Unit-III Indian Systems of Learning	No change
Unit-IV Karma in Management	No change

The Proposed syllabus was accepted with modifications for Principles of Management course in First Year B.COM (Banking and Insurance) Programme.

The Proposed syllabus for Environment and Management of Financial Services, Financial Accounting I, Digital Banking, Indian Ethos in Business management was accepted without modifications for first year programme of B.COM (Banking and Insurance) department.

Resolved that the proposed syllabus of Environment and Management of Financial Services, Financial Accounting I, Digital Banking, Indian Ethos in Business management of B.COM (Banking and Insurance) was hereby approved without modifications and syllabus of Principles of Management was hereby approved with modifications as stated above.

Mrs. Lata Lokhande mentioned that Business Economics I would be presented before BoS of Economics, Quantitative Methods I before BoS of Computer Science, Effective Communication I, Understanding Indian Society and Constitutional Values before BoS of Commerce for approval.

Further Resolved that the proposed evaluation pattern for Environment Management of Financial Services and Financial Accounting I courses with 4 credits and courses Digital Banking, Principles of Management and Indian Ethos in Business management with 2 credits of First year B.COM (Banking and Insurance) are hereby approved without modifications.

The chairperson proposed two short term courses of 2 credits (30 hours each) alongwith its evaluation pattern



Short Term Course name	credit	hours	Marks
1.Financial Literacy	2	30	50
2.Marketing in Banking and Insurance	2	30	50

Evaluation Pattern:

Assessment pattern	Marks
Project/ Assignment/ Presentation/ Viva	30 Marks
Test (Objective types)	20 Marks
Total	50 mrks

Following suggestions/observations were made:

1. Dr. Navin Punjabi suggested SEBI and RBI visit should be conducted for the classes
2. Dr. .Mangesh Jadhav also suggested RBI visit for the students


The chair person informed that these visits have been conducted for second and third year students. Accepted the suggestions to implement for First year also as per requirement of syllabus.

It is further resolved that the proposed short term courses Financial Literacy and Marketing in Banking and Insurance are hereby approved for the programme of B.COM (Banking and Insurance)

Further resolved that the syllabi, short term courses and evaluation pattern of all courses mentioned above for the first year programme of B.COM (Banking and Insurance) semester I are hereby approved and adopted in a progressive manner for the academic year 2023-24.

Mrs. Lata Lokhande informed that the credit structure, courses, syllabus and evaluation process for semester II and second year/part II for under graduate programme would be presented for approval in the second meeting of BOS which would be held in the month of October/November 2023.

The meeting was concluded with a vote of thanks extended by chairperson Mrs. Lata Lokhande.


 Lata S. Lokhande
 Chairman – BOS B.COM (Banking and Insurance)
 Place : Nerul, Navi Mumbai
 Date: 17th July 2023



**SIES Nerul College of Arts, Science and Commerce (Autonomous)
Nerul, Navi Mumbai 400 706**

Minutes of the Meeting of The Board of Studies in Department of Management Studies held on 17th July, 2023 at 1.30 pm by Hybrid Mode.

The first meeting was held to discuss and deliberate the proposed syllabus, evaluation process and pattern of the first year undergraduate (Semester I) and post graduate programmes (Part I) under autonomy and NEP 2020 in the concerned BoS.

The agenda of the meeting was as follows:

Agenda

- 1) To approve the NEP-2020 under Autonomy for First Year students of Undergraduate and Post Graduate for Bachelors of Management Studies (B.M.S)
- 2) To discuss and approve the curriculum and credits under Major, Minor, Open Electives, VSC, SEC, AEC, VEC, IKS and CC of First Year students of UG and PG programmes.
- 3) To discuss and approve Course Objectives, Course Outcomes and Programme Outcomes, wherever needed.
- 4) To discuss and approve the Evaluation pattern under Major, Minor, Open Electives, VSC, SEC, AEC, VEC, IKS and CC of First Year students of UG and PG programmes
- 5) To discuss and approve curriculum and evaluation credits of Add-On Courses (Bridge/Value Added, Skill-based, short-term course etc.) and Programmes, if any
- 6) Any other issue with the permission of the Chair

The following members attended the meeting:

Sr. No.	Category	Name and details
1	Head of the Department (Chairman).	Mr. Chaitanya Songirkar
2	Faculty Member	Ms. Ananya Gon*
3	Faculty Member	Ms. Nisha Telang
4	Faculty Member	Dr. Priyadarsini Poddar
5	Faculty Member	Mr. Tanish Hazari
6	Faculty Member	Mr. Vinod Nair
7	Subject Expert	Dr. R Gopal
8	Subject Expert	Dr. Aparna Jain
9	Industry Expert	Mr. Shankar Shinde
10	Alumni	Ms Anjalee Kumar

*Requested leave of absence (if any)

The constitution for the first Board of Studies in Department of Management Studies under the autonomy was placed on records as follows:

Number	Nature	Name
	Head of the department concerned (Chairman).	Mr. Chaitanya Songirkar
	All Faculty members of the Department	1. Ms. Ananya Gon 2. Ms. Nisha Telang 3. Dr. Priyadarsini Poddar 4. Mr. Tanish Hazari 5. Mr. Vinod Nair
2 Subject Experts	Two subject experts in the subject from outside the parent university to be nominated by the Academic Council	1. Dr. R. Gopal Director – DY Patil University, School of Management
		2. Dr. Aparna Jain Assistant Director – S K Somaiya College
One Member	One expert to be nominated by the vice-chancellor from a panel of six recommended by the autonomous college principal.	Nil
One Member	One representative from industry/corporate sector /allied area to be nominated by the Principal.	1. Mr. Shankar Sinde Managing Director – Global Express Multilogistics Pvt. Ltd.
One Member	One member of the college Alumni to be nominated by the principal.	1. Ms Anjalee Kumar (BMS Alumni – 2016-17) MBA – Finance Asst. Manager – Business Analyst at Jio Platform Ltd.
	Experts from outside the Autonomous college whenever special courses of studies are to be Formulated, to be nominated by the principal.	Nil

The Chairperson, Mr. Chaitanya Songirkar, welcomed and introduced the members of BOS, & informed that department is awaiting the name of one expert to be nominated by the Vice-Chancellor of University of Mumbai from a panel of six recommended names sent by Principal of the college.

Mr. Chaitanya Songirkar presented the syllabus and the pattern of examination for semester-I for the following:

DEPARTMENT OF MANAGEMENT STUDIES BACHELORS OF MANAGEMENT STUDIES (BMS) SEMESTER I				
Serial No	Category	Course code	Credits	Course Name
1	MAJOR DEPARTMENT SPECIFIC COURSE (DSC)	BMSSI01	04	PRICIPLES OF MANAGEMENT
2	MINOR DEPARTMENT SPECIFIC COURSE	BMSSI02	04	INTRODUCTION TO FINANCIAL ACCOUNTING
3	OPEN ELECTIVES (OE)/ GENERIC ELECTIVES	BMSSI03	02	BUSINESS ECONOMICS - I
4	OPEN ELECTIVES (OE)/ GENERIC ELECTIVES	BMSSI04	02	BUSINESS LAW-I
5	VOCATIONAL COURSE (VC)	BMSSI05	02	QUANTITATIVE TECHNIQUES IN MANAGEMENT – I
6	SKILL ENHANCEMENT COURSE (SEC)	BMSSI06	02	OFFICE 365 – I
7	ABILITY ENHANCEMENT COURSE(AEC)	BMSSI07	02	BUSINESS COMMUNICATION - I
8	VALUE EDUCATION COURSE (VEC)	BMSSI08	02	INDIAN CONSTITUTION – I
9	INDIAN KNOWLEDGE SYSTEM (IKS)	BMSSI09	02	INDIAN MANAGEMNT THOUGHTS AND PRACTICES
	TOTAL CREDITS		22	

Note: The subjects marked in **red** is part of the curriculum being approved by other Board of Studies for Bachelor of Management Studies (BMS).

DEPARTMENT OF MANAGEMENT STUDIES M.COM. (MASTERS OF COMMERCE) BUSINESS MANAGEMENT SEMESTER I				
Serial No	Category	Course code	Credits	Course Name
1	MAJOR	M23BM1MJ01	4	ENTREPRENEURSHIP MANAGEMENT
2	MAJOR	M23BM1MJ02	4	STRATEGIC MANAGEMENT
3	MAJOR	M23BM1MJ03	4	ADVANCE MICRO-ECONOMICS
4	MAJOR	M23BM1MJ04	2	BUSINESS ETHICS & CSR
5	MAJOR ELECTIVE	M23BM1E01	4	ORGANIZATION BEHAVIOUR
6	DSE RM	M23BM1RM01	4	RESEARCH METHODOLOGY
Total Credit			22	

Note: The subjects marked in **red** is part of the curriculum being approved by other Board of Studies for M.Com. (Masters of Commerce) Business Management.

<p align="center">DEPARTMENT OF ENVIRONMENTAL SIENCE</p> <p align="center">B. SC. – ENVIRONMENTAL SCIENCE</p> <p align="center">SEMESTER I</p> <p align="center">OPEN ELECTIVES (OE)/ GENERIC ELECTIVES</p>			
Serial No	Course code	Credits	Course Name
1	U23ES1E01	02	ENVIRONMENT AND SOCIETY

<p align="center">DEPARTMENT OF PACKAGING</p> <p align="center">B. SC. – PACKAGING</p> <p align="center">SEMESTER I</p> <p align="center">OPEN ELECTIVES (OE)/ GENERIC ELECTIVES</p>			
Serial No	Course code	Credits	Course Name
1	U23PT1E01	02	ENVIRONMENT AND SOCIETY

<p align="center">DEPARTMENT OF MANAGEMENT STUDIES</p> <p align="center">BACHLORS OF MANAGEMENT STUDIES (BMS)</p> <p align="center">SEMESTER II</p> <p align="center">CO-CURRICULAR COURSES/ SHORT TERM COUSE</p>		
Serial No	Credits	Course Name
1	02	STUDENTS SOCIAL RESPONSIBILITY

Thereafter, the same was discussed by the members.

Following suggestions/observations were made by the external:

Name of the member	Suggestions/observations
Dr. R Gopal	A change in the content of Principles of Management was recommended as stated below.# All other subjects were approved without any changes.
Dr. Aparna Jain	All subjects were approved without any changes.
Mr. Shankar Shinde	All other subjects were approved without any changes.
Ms Anjalee Kumar	All other subjects were approved without any changes.

#It was decided that the following changes be incorporated in the Proposed syllabus presented before the meeting:

Particulars as per proposed syllabus	Changes as approved in the meeting
Principles of Management	
Module 1: Nature of Management	Module should be titled as 'Introduction to Management' instead of 'Nature of Management'
Module 2: Planning and Decision Making	No Change
Module 3: Organizing	No Change
Module 4: Directing, Leadership, Co-ordination and Controlling	No Change

The Proposed syllabus was accepted without modifications for the following courses:

1. Introduction to Financial Accounting
2. Introduction to Office-365 – I
3. Business Communication – I
4. Indian Management & Thought Practices
5. Entrepreneurship Management
6. Organization Behaviour
7. Environment and Society (U23ES1E01)
8. Environment and Society (U23PT1E01)
9. Students Social Responsibility

Resolved that the proposed syllabi in the course of Principles of Management of Bachelors of Management Studies (BMS) is hereby approved with modifications as stated above.

Resolved that the proposed syllabi in the course of Introduction to Financial Accounting, Introduction to Office-365 – I, Business Communication – I, Indian Management & Thought Practices of Bachelors of Management Studies (BMS) are hereby approved without modifications.

Resolved that the proposed syllabi in the course of Entrepreneurship Management and Organization Behaviour of M.Com. (Masters of Commerce) Business Management are hereby approved without modifications.

Resolved that the proposed syllabus in the course of Environment and Society (U23ES1E01) of B. Sc. – Environmental Science is hereby approved without modifications.

Resolved that the proposed syllabus in the course of Environment and Society (U23PT1E01) of B. Sc. – Packaging is hereby approved without modifications.

Resolved that the proposed syllabus in the course of Students Social Responsibility of Co-Curricular Courses/ Short Term Course is hereby approved without modifications.

Further Resolved that the proposed evaluation pattern in the course of Principles of Management, Introduction to Financial Accounting, Introduction to Office-365 – I, Business Communication – I, Indian Management & Thought Practices of Bachelors of Management Studies (BMS) of are hereby approved without modifications.

Further Resolved that the proposed evaluation pattern in the course of Entrepreneurship Management and Organization Behaviour of M.Com. (Masters of Commerce) Business Management are hereby approved without modifications.

Further Resolved that the proposed evaluation pattern in the course of Environment and Society (U23ES1E01) of B. Sc. – Environmental Science is hereby approved without modifications.

Further Resolved that the proposed evaluation pattern in the course of Environment and Society (U23PT1E01) of B. Sc. – Packaging is hereby approved without modifications.

Further Resolved that the proposed evaluation pattern in the course of Students Social Responsibility of Co-Curricular Courses/ Short Term Course is hereby approved without modifications.

Further, Resolved that the Syllabi and Evaluation pattern in the courses Principles of Management, Introduction to Financial Accounting, Introduction to Office-365 – I, Business Communication – I, Indian Management & Thought Practices of Bachelors of Management Studies (BMS) be approved and adopted in a progressive manner for the academic year 2023-24.

Further, Resolved that the Syllabi and Evaluation pattern in the courses Entrepreneurship Management and Organization Behaviour of M.Com. (Masters of Commerce) Business Management be approved and adopted in a progressive manner for the academic year 2023-24.

Further, Resolved that the Syllabi and Evaluation pattern in the courses Environment and Society (U23ES1E01) of B. Sc. – Environmental Science be approved and adopted in a progressive manner for the academic year 2023-24.

Further, Resolved that the Syllabi and Evaluation pattern in the courses Environment and Society (U23PT1E01) of B. Sc. – Packaging be approved and adopted in a progressive manner for the academic year 2023-24.

Further, Resolved that the Syllabi and Evaluation pattern in the course Students Social Responsibility of Co-Curricular Courses/ Short Term Course be approved and adopted in a progressive manner for the academic year 2023-24.

The Chairperson informed that the credit structure, courses, syllabus and evaluation process for semester II and second year/part II for under graduate/post graduate programme would be presented for approval in the second meeting of BOS which would be held in the month of October/November, 2023.

The meeting was concluded with a vote of thanks extended by Mr. Tanish Hazari.



Mr. Chaitanya Songirkar
Chairperson – BOS – Department of Management Studies
Place : Nerul, Navi Mumbai
Date: 17th July, 2023.

**SIES Nerul College of Arts, Science and Commerce (Autonomous)
Nerul, Navi Mumbai 400 706**

Minutes of the Meeting of The Board of Studies in Bachelor of Multimedia and Mass Communication held on 18/7/23 at 2.00pm in Hybrid Mode.

The first meeting was held to discuss and deliberate the proposed syllabus, evaluation process and pattern of the first year undergraduate (Semester I) under autonomy and NEP 2020 in the concerned BoS.

Agenda:

- 1) To approve the NEP-2020 under Autonomy for First Year students of Undergraduate program for Multimedia and Mass Communication.
- 2) To discuss and approve the curriculum and credits under Major, Minor, Open Electives, VSC, SEC, AEC, VEC, IKS and CC of First Year students of UG and PG programmes.
- 3) To discuss and approve Course Objectives, Course Outcomes and Programme Outcomes, wherever needed.
- 4) To discuss and approve the Evaluation pattern under Major, Minor, Open Electives, VSC, SEC, AEC, VEC, IKS and CC of First Year students of UG and PG programmes
- 5) To discuss and approve curriculum and evaluation credits of Add-On Courses (Bridge/Value Added, Skill-based, Short term course etc.) and Programmes, if any
- 6) Any other issue with the permission of the Chair.

The following members attended the meeting:

Sr. No	Category	Name and details
1	HOD, Chairman.	Mr.Mithun Pillai.
2	Faculty member	Mr.Abhishek Dandekar
3	Faculty member	Dr.Divya Nair.
4	Faculty member	Ms.Tejal Shinde.
5	Subject expert.	Dr.Gayatri Indrakanti.
6	Subject expert.	Ms. Surya Gune. (Present online)
7	Industry expert.	Mr.Shyam Nair. (Present online)
8	Alumni member	Mr.Prem Rathi..
9	Expert outside autonomous college.	Dr.Hanif Lakdawala. (Present online)
10	Expert outside autonomous college.	Ms.Renu Nauriyal. (Present online)

The constitution for the first Board of Studies in Bachelor of Multimedia and Mass Communication under the autonomy was placed on records as follows:

Sr. No	Category	Name and details
1	HOD, Chairman.	Mr.Mithun Pillai.
2	Faculty member	Mr.Abhishek Dandekar
3	Faculty member	Dr.Divya Nair.
4	Faculty member	Ms.Tejal Shinde.
5	Subject expert.	Dr.Gayatri Indrakanti.
6	Subject expert.	Ms. Surya Gune. (Present online)
7	Industry expert.	Mr.Shyam Nair. (Present online)
8	Alumni member	Mr.Prem Rathi..
9	Expert outside autonomous college.	Dr.Hanif Lakdawala. (Present online)
10	Expert outside autonomous college.	Ms.Renu Nauriyal. (Present online)

The Chairperson, Mr.Mithun Pillai welcomed and introduced the members of BOS.

They were informed that the department is awaiting the name of one expert to be nominated by the Vice-Chancellor of University of Mumbai from a panel of six recommended names sent by Principal of the college.

Mr.Mithun Pillai, HOD, Chairman presented the syllabus and the pattern of examination for semester I for the following subjects: Minor subject, Media Literacy, Current Affairs, Understanding Indian Society and Constitutional values, Add on courses on Media literacy and Photography, Open elective subjects- Content Writing and Media Literacy.

Mr.Abhishek Dandekar, Faculty member presented the syllabus and the pattern of examination for semester I for the following subjects: Visual Communication, Communication design

Dr.Divya Nair., Faculty member presented the syllabus and the pattern of examination for semester I for the following subjects: Introduction to Mass Communication and Indian Society and Culture

Ms.Tejal Shinde, Faculty member presented the syllabus and the pattern of examination for semester I for the following subjects: Effective Communication Skills-1

Thereafter the same was discussed by the members.

Following suggestions/observations were made:

Name of the member	Suggestions/observations
Ms. Surya Gune	Subject-Current Affairs Incorporate Election Commission and Public Interest Litigation in Module 3
Ms. Surya Gune	Subject- Media Literacy Change the technical elements and add more aspects of Film Appreciation

It was decided that the following changes be incorporated in the Proposed syllabus presented before the meeting.

Particulars as per proposed syllabus	Changes as approved in the meeting
Media Literacy	
Module 1:	No Change
Module 2:	No Change
Module 3:	<p>Approved</p> <p>Module-3. Film Communication</p> <ul style="list-style-type: none"> ● Film appreciation: Introduction to commercial and parallel cinema in India ● Hindi film industry; journey through the years. ● Regional cinema in India- Introduction to Marathi, Bengali, Malayalam, Telugu, Tamil and Kannada films. ● Influential Indian filmmakers- Dadasaheb Phalke, Satyajit Ray, Bimal Roy. ● Introduction to international cinema- American, Japanese and Irani Cinema. ● New themes in Indian cinema

Particulars as per proposed syllabus	Changes as approved in the meeting
Current Affairs	
Module 1:	No Change
Module 2:	No Change
Module 3:	<p>Approved</p> <p>Module-2 -Polity and governance</p> <p>7.Role of Election Commission and PIL (added)</p>

Further Resolved that the Syllabi and Evaluation pattern in the subject Media Literacy and Current Bachelor of Multimedia and Mass Communication be approved and adopted in progressive manner for the academic year 2023-24.

The Proposed syllabus was accepted without modifications for Introduction to Mass Communication, Communication design, Effective Communication Skills-1, Understanding India and Constitutional values and Indian Society and Culture

Add on courses on Media literacy and Photography, Open elective subjects- Content Writing and Media Literacy.

Resolved that the proposed syllabi in the course of Bachelor of Multimedia and Mass Communication be hereby approved without modifications as stated above.

Further Resolved that the proposed evaluation pattern in the course of Bachelor of Multimedia and Mass Communication be hereby approved without modifications.

Further Resolved that the Syllabi and Evaluation pattern in the subject-Introduction to Mass Communication, Visual Communication, Communication design, Effective Communication Skills-1 Understanding India and Constitutional values and Indian Society and Culture and Open elective subjects- Content Writing and Media Literacy of Bachelor of Multimedia and Mass Communication be approved and adopted in progressive manner for the academic year 2023-24.

Mr. Mithun Pillai, HOD, Chairman informed that the credit structure, courses, syllabus and evaluation pattern for semester II and second year/part II for under graduate programme would be presented for approval at the second meeting of BOS which would be held in the month of October/November 2023.

The meeting was concluded with a vote of thanks extended by Mr. Mithun Pillai, HOD, Chairman.



Mr. Mithun Pillai
Chairman – BOS – HOD
Place : Nerul, Navi Mumbai
Date: 18/7/2023

**SIES (Nerul) College of Arts, Science and Commerce (Autonomous)
Nerul, Navi Mumbai 400 706**

Minutes of the Meeting of The Board of Studies in Department of Information Technology held on 18th July, 2023 at 10:00 am by Hybrid Mode.

The first meeting was held to discuss and deliberate the proposed syllabus, evaluation process and pattern of the first year undergraduate (Semester I) and postgraduate programmes (Part I) under autonomy and NEP 2020 in the concerned BoS.

Agenda for the meeting:-

1. To approve the NEP-2020 under Autonomy for first year undergraduate (Semester I) and postgraduate programmes (Part I) of Department of Information Technology.
2. To discuss and approve the curriculum and credits under Major, Minor, Open Electives, VSC, SEC, AEC, VEC, IKS and CC of First Year students of UG and PG programmes.
3. To discuss and approve Course Objectives, Course Outcomes and Programme Outcomes, wherever needed.
4. To discuss and approve the Evaluation pattern under Major, Minor, Open Electives, VSC, SEC, AEC, VEC, IKS and CC of First Year students of UG and PG programmes
5. To discuss and approve curriculum and evaluation credits of Add-On Courses (Bridge/Value Added, Skill-based, Short term course etc.) and Programmes, if any
6. Any other issue with the permission of the Chair

The following members attended the meeting:

Sr. No	Category	Name and details
1	Chairperson:	Dr. Anu T. Thomas, HOD
2	Faculty Members:	Dr. Swati Vitkar
3		Dr. Meghna Bhatia
4		Ms. Arti Bansode

5		Ms. Minal Sarode
6		Ms. Priya Daniel
7		Ms. Shaima Thange
8		Ms. Sameera Ibrahim
9		Ms. Archana Patil
10		Ms. Sonali Sambare
11	Subject Experts:	Dr. Sushil Kulkarni
12		Dr. Sangita Chaudhari
13	Industry Representative:	Ms. Anita Panda
14	Alumni member:	Mr. Raghavender Shukla

*Requested leave of absence (if any) : Ms. Nutan Sawant.

The constitution for the first Board of Studies in Dept. of Information Technology under the autonomy was placed on records as follows:

Number	Nature	Name and details
1	Chair Person:	Dr. Anu Thomas, HOD
2	Faculty Members:	Dr. Swati Vitkar
3		Dr. Meghna Bhatia
4		Ms. Nutan Sawant
5		Ms. Arti Bansode
6		Ms. Minal Sarode
7		Ms. Priya Daniel

8		Ms. Shaima Thange
9		Ms. Sameera Ibrahim
10		Ms. Archana Patil
11		Ms. Sonali Sambare
12	Subject Experts:	Dr. Sushil Kulkarni, Professor & Dean , School of Mathematics , Applied Statistics ,NMIMS Deemed to be University
13		Dr. Sangita Chaudhari, Professor and Head of Department (IT),RAIT, D .Y. Patil Deemed to be University
14	Industry Representative:	Ms. Anita Panda, Director at Capgemini Insights and Data Practice , Capgemni
15	Alumni member:	Mr. Raghavender Shukla, Delivery Manager, TCS

The Chairperson, Dr. Anu Thomas, welcomed and introduced the members of BOS.

She informed that the department is awaiting the name of one expert to be nominated by the Vice-Chancellor of University of Mumbai from a panel of six recommended names sent by the Principal of the college.

She presented the syllabus and the pattern of examination for semester I of First Year B.Sc.I.T. Course for the following:

Course Code	Course Type	Course Title	Credit
U23IT1MJ01	Major	Imperative Programming using C	3
U23IT1MJP01	Major	Imperative Programming using C Practical	1
U23IT1MI01	Minor	Computational Logic and Discrete Structures	3
U23IT1MIP01	Minor	Computational Logic and Discrete Structures Practical	1
U23IT1E01	OE1	Content Writing	2

U23IT1E02	OE2	Media Literacy	2
U23IT1VSC01	VSC	Introduction to Operating Systems	2
U23IT1SEC01	SEC	Computer Organization and Architecture	2
U23IT1AEC01	AEC	Effective Communication Skills-1	2
U23IT1VEC01	VEC	Understanding Indian Society and Constitutional Values	2
U23IT1IKS01	IKS	India's Contribution to Mathematics since Ages	2
Total			22

She proceeded to present the syllabus and the pattern of examination for semester I of First Year M.Sc.I.T. for the following:

No. of Courses	Course Code	Semester I	Credits
1	Major		
1	M23IT1MJ01	Introduction to Data Science	4
2	M23IT1MJ02	Cloud Computing	4
3	M23IT1MJP03	Practicals of Introduction to Data Science and Cloud Computing	4
4	M23IT1MJ04	Computing Algorithm Efficiency	2
2	Electives(E)		
5	M23IT1E01	Soft Computing Using Artificial Neural Networks	4
	M23IT1EP01	Soft Computing Using Artificial Neural Networks Practical	
	M23IT1E02	Cyber Security	
	M23IT1EP02	Cyber Security Practical	

3	Research Methodology		
6	M23IT1RM01	Research Methodology	4
Total			22

Thereafter the same was discussed by the members.

Following suggestions/observations were made:

Name of the member	Suggestions/observations
Dr. Sushil Kulkarni	<ul style="list-style-type: none"> ● Consider Mathematics and/or Statistics as eligibility for admission to F.Y.B.Sc. I.T. ● Specify eligibility for BE students with BE in Computer Science, Information Technology or Artificial Intelligence for admission to M.Sc.I.T. ● Rename the Name of “Imperative Programming” subject to “Structured Programming with C” or “Imperative Programming using C” ● Add inclusion exclusion principle, pigeon hole principle in CLDS. Also, relations concept should be taught first followed by probability. Relations concept needs to be more elaborate ● Use C Language or Scilab for CLDS practical and add tutorials to learn implementation of concepts. ● Mention the year for each publication under reference in Vocational Skill Enhancement subject- Operating System. ● Add mobile computing in SEC subject- COA. ● In data science, make following changes: <ul style="list-style-type: none"> ○ The 2nd unit should be based on classification techniques, classification problems , decision tree etc. ○ 3rd unit based on clustering ○ 4th unit based on association rules ● In Soft Computing Techniques, introduce them to ANN first, remove deep learning. ● Add one case study to each unit. ● In Research Methodology :: <ul style="list-style-type: none"> ○ Add case studies.

	<ul style="list-style-type: none"> ○ Problem formulation should go in the 1 st unit, ○ Remove machine learning, ○ Split it into theory + project for 2 credits each.
Dr. Sangita Chaudhari:	<ul style="list-style-type: none"> ● Focus more on problem solving in CLDS Practical. If Scilab is being used, add more tutorials based on problem solving. ● Split the MSc IT Practical component into two subjects with 2 credits each. As it cannot be changed due to nep format, change the name to Technology Lab 1 and 2. ● Reduce the syllabus of Data Science, <ul style="list-style-type: none"> ○ Remove computer vision, pattern recognition. ○ Focus more on the general concept of Data Science ○ Do not introduce individual main topics which require a subject of their own, at this point. ○ Change the name to Fundamentals/ Introduction to data science. ● Remove "computer languages" topic from COA and add it in imperative programming. Add interfacing. ● Reduce the syllabus of advanced algorithm. Add more advanced concepts in the 1st unit. Change the name to "Introduction to algorithms". ● In cyber security reduce the syllabus <ul style="list-style-type: none"> ○ Organize the content flow. ○ Reduce the infrastructure part. ○ Start attack concepts followed with incident response and laws.
Ms. Anita panda:	<ul style="list-style-type: none"> ● Practicals should be industry oriented ● For DS: <ul style="list-style-type: none"> ○ Add statistical modelling, ○ Use data available in the public domain , small scale projects with groups of 4 students. ○ Practicals using python and R. ○ Use graphical open source software.
Mr. Raghavender Shukla	<ul style="list-style-type: none"> ● OE : Business Maths <ul style="list-style-type: none"> ○ Module 4 : Take reference from the National Stock Exchange and their tests . ● OE: Introduction to Computers <ul style="list-style-type: none"> ○ Change name to computer concepts. ○ Make the first unit more about advanced computer concepts

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It was decided that the following changes be incorporated in the Proposed syllabus presented before the meeting.

In First Year B.Sc. I.T. :-

Imperative Programming Using C:

Particulars as per proposed syllabus	Changes as approved in the meeting
Imperative Programming Using C	
Module 1: Introduction ,Overview of C,Managing I/O & O/P operations,Operators & Expressions	Add the concept of Computer Languages.
Module 2: Decision Making and Branching,Looping,Array	No Change
Module 3: User Defined Function,Pointer,Structure,File	No Change

Computational Logic and Discrete Structures:

Particulars as per proposed syllabus	Changes as approved in the meeting
Computational Logic and Discrete Structure	
Module 1: Set Theory, Probability, Relation	Relations to be taught first and some topics should be added in Relation
Module 2: Functions and Algorithms, Techniques of Counting, Recursion	Add Inclusion Exclusion Principle and Pigeon hole Rule
Module 3: Graphs and Trees	No Change

Computer Organization and Architecture:

Particulars as per proposed syllabus	Changes as approved in the meeting
Computer Organization and Architecture	
Module 1: Computer Basic,Data Representation, Input/Output Units, Processor	No Change

Module 2: Computer Memory, Binary Arithmetic, Computer Architecture, Computer Languages	Remove Computer Languages and add Interfacing in its place.
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In First Year M.Sc.I.T. :-

Introduction to Data Science

Particulars as per proposed syllabus	Changes as approved in the meeting
Introduction to Data Science	
Module 1: Introduction to Data Science	Removed details tools and software and focus is shifted on introduction of basic concepts.
Module 2: Hypothesis development	Content changed to a new topic as decided by BoS members. Introduced Hypothesis Testing in detail
Module 3: Classification and Clustering and Applications	Content changed Introduced Classification and clustering details
Module 4: Association Rule Mining	Content Changed Introduced Association rules , case studies added on Data Science Model.

Computing Algorithm Efficiency

Particulars as per proposed syllabus	Changes as approved in the meeting
Advanced Algorithm to be renamed Computing Algorithm Efficiency	
Module 1: Introduction to Algorithms and their efficiency measures	No Change
Module 2: Computing Efficiency in Programming	No Change

Soft Computing Using Artificial Neural Networks

Particulars as per proposed syllabus	Changes as approved in the meeting
Soft Computing Technologies to be renamed to Soft Computing Using Artificial Neural Networks	
Module 1: Introduction to Soft Computing	Rename the module to Introduction to Soft Computing And Artificial Neural Network Content No change
Module 2: Learning Networks:	Since deep learning is a subject in itself rename the topic deep learning neural network to introduction to deep learning neural network

Cyber Security:

Particulars as per proposed syllabus	Changes as approved in the meeting
Cyber Security	
Module 1: Introduction, Vulnerability Management, Security Breaching.	Reduce the content about security infrastructure. Begin with attack methods.
Module 2: Evaluation Security of IT Organization, Analysis of Vulnerability, Breaching System Security, Incident Response Teams, The Art of Data and Event Analysis	Rearrange the flow from attack vectors followed by incident response. Streamline concepts to enhance comprehension.

Research Methodology

Particulars as per proposed syllabus	Changes as approved in the meeting
Research Methodology	
Module 1: Research Data Collection and Processing	Split in Unit 1 and 2
Module 2: Data Analysis and Interpretation	Split in Unit 3 and 4
Module 3: Data Collection and Visualization	Deleted

Module 4: Machine Learning and Errors	Deleted
	Case Study of 15 marks in Internal Assessment

Other Department Computer subjects workload passed by the BOS of the Department of Information Technology.

Introduction to Computers for First Year BAMMC

Particulars as per proposed syllabus	Changes as approved in the meeting
Introduction To Computers	
Module -1- Introduction to Basics of Computers	Change the very basic topics such as printers, its types replace it by System software, application software and network software
Module -2- MS Office 2010 - Word, Excel, Powerpoint	No Change
Module-3 – Introduction to Internet and Threats	No Change
Module-4 – Introduction to HTML and Elements of HTML	No Change

The Proposed syllabus was accepted without modifications for

In First Year B.Sc. I.T. :-

- Introduction to Operating System
- Effective Communication Skills-I
- India's Contribution to Mathematics since Ages

First Year M.Sc. I.T. :-

- Cloud Computing
- Practicals of Introduction to Data Science and Cloud Computing

Add On Course:-

- Web Designing

Resolved that the Syllabi and Evaluation pattern in the course of Imperative Programming Using C, Imperative Programming Using C Practical, Computational Logic and Discrete Structures, Computational Logic and Discrete Structures Practical, Computer Organization

and Architecture of First Year B.Sc.I.T. and Introduction to Computers for First Year BAMMC, are hereby approved with modifications as stated above.

Further resolved that the Syllabi and Evaluation pattern in the course of Introduction to Data Science, Computing Algorithm Efficiency, Soft Computing Using Artificial Neural Networks, Cyber Security, Research Methodology of First Year M.Sc.I.T. are hereby approved with modifications as stated above.

Resolved that the Syllabi and Evaluation pattern in the course of Introduction to Operating System, Effective Communication Skills-1, India's Contribution to Mathematics since Ages of First Year B.Sc.I.T. and Quantitative Techniques-1 for First Year BMS, Business Mathematics for First Year BFM are hereby approved without modifications as stated above.

Further resolved that the Syllabi and Evaluation pattern in the course of Cloud Computing and Practicals of Introduction to Data Science and Cloud Computing, Soft Computing Using Artificial Neural Networks Practical and Cyber Security Practical of First Year M.Sc.I.T. are hereby approved without modifications as stated above.

Further resolved that the Syllabi and Evaluation pattern in the Add On course on Web Designing for All Courses is hereby approved without modifications as stated above.

Further Resolved that the Syllabi and Evaluation pattern as stated above be approved and adopted in a progressive manner for the academic year 2023-24.

The Chairperson , Dr. Anu Thomas informed that the credit structure, courses, syllabus and evaluation process for semester II and second year/part II for undergraduate/postgraduate programme would be presented for approval in the second meeting of BOS which would be held in the month of October/November 2023.

The meeting was concluded with a vote of thanks extended by Dr. Anu Thomas.

Chair Person BOS – Dr Anu T.Thomas

Place : Nerul, Navi Mumbai

Date:

18/07/2023

**SIES Nerul College of Arts, Science and Commerce (Autonomous)
Nerul, Navi Mumbai 400 706**

Minutes of the Meeting of The Board of Studies in Department of Computer Science held on 18th July 2023 at SIES(Nerul) College of Arts, Science and Commerce (Autonomous) by Hybrid Mode.

The first meeting was held to discuss and deliberate the proposed syllabus, evaluation process and pattern of the first year undergraduate (Semester I) and post graduate programmes (Part I) under autonomy and NEP 2020 in the concerned BOS.

AGENDA OF MEETING

1. To approve the NEP-2020 under Autonomy for First Year students of Undergraduate and Postgraduate for the Department of Computer Science (B.Sc & M.Sc.)
2. To discuss and approve the curriculum and credits under Major, Minor, Open Electives, VSC, SEC, AEC, VEC, IKS and CC of First Year students of UG and PG Programmes, if any.
3. To discuss and approve Course Objectives and Programme Outcomes, wherever needed.
4. To discuss and approve the Evaluation pattern under Major, Minor, Open Electives, VSC, SEC, AEC, VEC, IKS of First Year students of UG and PG Programmes.
5. To discuss and approve curriculum and evaluation credits of Add-On Courses (Bridge/Value Added, Skill-based, Short term course etc.)
6. Any other issue with the permission of the Chair.

The following members attended the meeting:

Sr. No	Category	Name and details
1	Chairperson	Dr. Sheeja Ravi, HOD
2	All faculty members of the department	1. Dr. Rajeshri Shinkar 2. Dr. Trupti Wani 3. Ms. Fatema Kothari 4. Dr. Aditya Jinturkar 5. Ms. Pallavi Awate 6. Ms. Shweta Khubchandani 7. Ms. Flosia Simon 8. Ms. Jahara Sakriwala
3	Two subject experts in the subject from outside the parent university	1. Dr. Sushil Kulkarni Professor And Dean NSOMASA 2. Dr. Leena Ragha

		Professor and Head of the Department (RAIT) DY Patil University
4	Representative from Industry	Mr. Mustafa Kothari CTO Fermion Infotech Private Limited
5	One member of the college Alumni	Mr. Shreyas Jaiswal (Batch of 2008-2011) AVP at Tata Capital Financial Services in Strategy and Analytics For Debt Management

The constitution for the first Board of Studies in Department of Computer Science under the autonomy was placed on records as follows:

Number	Nature	Name and details
1	Chairperson	Dr. Sheeja Ravi, HOD
2	All faculty members of the department	1. Dr. Rajeshri Shinkar 2. Dr. Trupti Wani 3. Ms. Fatema Kothari 4. Dr. Aditya Jinturkar 5. Ms. Pallavi Awate 6. Ms. Shweta Khubchandani 7. Ms. Flosia Simon 8. Ms. Jahara Sakriwala
3	Two subject experts in the subject from outside the parent university	1. Dr. Sushil Kulkarni Professor And Dean NSOMASA 2. Dr. Leena Ragha Professor and Head of the Department (RAIT) DY Patil University
4	Representative from Industry	Mr. Mustafa Kothari CTO Fermion Infotech Private Limited
5	One member of the college Alumni	Mr. Shreyas Jaiswal (Batch of 2008-2011) AVP at Tata Capital Financial Services in Strategy and Analytics For Debt Management

The Chairperson, Dr. Sheeja Ravi, welcomed and introduced the members of BOS.

She informed that the department is awaiting the name of one expert to be nominated by the Vice-Chancellor of University of Mumbai from a panel of six recommended names sent by the Principal of the college.

Dr. Sheeja Ravi presented the syllabus and the pattern of examination for semester I for the following:

B.Sc Computer Science Semester I

No. of Courses	Course Code	Semester I	Credits
1	Major		
1	U23CS1MJ01	Introduction to Python Programming	03
2	U23CS1MJP01	Introduction to Python Programming Practicals	01
2	Minor		
1	U23CS1MI01	Descriptive Statistics	03
2	U23CS1MIP01	Practical of Descriptive Statistics Using R Software	01
3	Open Electives(OE)		
1	U23CS1E01	Business Economics	04
4	VSC/SEC		
1	U23CS1VSCP01	Basics of Web Programming	02
3	U23CS1SEC01	Computer Organization	01
4	U23CS1SECP01	Practical Computer Organization	01
5	AEC/VEC/IKS		
6	U23CS1AEC01	Effective Communication - I	02
7	U23CS1VEC01	Environmental studies	02
8	U23CS1IKS01	Indian Astronomy	02
6	OJT, FP, RP, CEP, CC		
Total Credits			22

M.Sc Computer Science Semester I

No. of Courses	Course Code	Semester I	Credits
1	Major		
1	M23CS1MJ01	Applied Signal and Image Processing	4
2	M23CS1MJP01	Applied Signal and Image Processing Practical	2
3	M23CS1MJ02	Algorithm for Optimization	4
4	M23CS1MJP02	Algorithm for Optimization Practical	2
5	M23CS1MJ03	Advanced Database Techniques	1
6	M23CS1MJP03	Advanced Database Techniques Practical	1
2	Electives(E)(Any one)		
1	M23CS1E01	Software Defined Networking	3
2	M23CS1EP01	Software Defined Networking Practical	1
3	M23CS1E02	Wireless Networking	3
4	M23CS1EP02	Wireless Networking Practical	1
3	Research Methodology		
1	M23CS1RM01	Research Information Systems and Computing	4
Total Credits			22

Other Courses BCom and BBI Semester I

No. of Courses	Course Code	Semester I	Credits
1	<i>Open Electives(E)</i>		
1	U23COMIE01	Mathematical and Statistical Techniques	4
2	U23BIE02	Quantitative Methods-I	2
2	<i>SEC</i>		
1	U23COMISEC01	Decision Making Tools -	2

Thereafter the same was discussed by the members.

Following suggestions/observations were made:

Name of the member	Suggestions/observations
Dr. Sushil Kulkarni	<ol style="list-style-type: none"> 1. To change the name of the subject "Descriptive Statistics using R Software" to "Descriptive Statistics". 2. To incorporate case studies in PG subjects. 3. To change the subject of Web Programming to a Practical subject with 2 credits instead of one theory and one practical of one credit each. 4. Incorporate the concepts of temporal and spatial data in the subject of the Advance Database Techniques of PG. 5. Suggested IKS can have a fully internal evaluation. 6. For reference books, year of publication to be mentioned.
Dr. Leena Ragha	<ol style="list-style-type: none"> 1. Short term courses can be open for students from outside colleges. 2. To incorporate the concept of OOPS in Python. 3. Tracks can be introduced in PG 4. Common BOS of IT and CS was proposed. 5. Each department can have one elective and then students can have a basket. 6. The subject name "Environmental Studies for Computer Science" to be changed to "Environmental Studies" 7. The subject name for "Python programming" to be changed to "Introduction to Python Programming"

B.Sc Computer Science Semester I

Particulars as per proposed syllabus	Changes as approved in the meeting
Introduction to Python Programming-U23CS1MJ01	
Module 1: Introduction, Variables and expression, Looping, Control Statement	No Change
Module 2: Functions and Strings	No Change
Module 3: Lists tuples and Dictionaries, Files	To add List, Comprehension and OOPS in Python concepts to be introduced in module 3 instead of Files
Introduction to Python Programming Practicals	To add OOPS concept practicals
Descriptive Statistics- U23CS1MI01	
Descriptive Statistics using R was the subject name proposed	Subject name to be changed to "Descriptive Statistics"
Module 1: Data, Data types, Data Presentation, Introduction to R, Measures of central tendency	No change
Module 2: Measures of Dispersion, moments, measures of skewness and kurtosis	No Change
Module 3: Correlation and Regression	No Change
Practicals of Descriptive Statistics using R	No change
Basics Of Web Programming- U23CS1VSC01	
To change the subject of Web Programming to a Practical subject with 2 credits instead of one theory and one practical of one credit each.	
Computer Organization- U23CS1SEC01	
Module 1: Computer Abstractions and Technology Logic circuits and functions Sequential circuits and functions Instruction set architectures Basic Processor Unit	No change
Computer Organization Practicals	No Change
Indian Astronomy- U23CS1IKS01	
Module 1: Introduction	No change
Module 2: Co-ordinate Systems, Rasi and Nakshatra Systems Time in Indian Astronomy	No Change
Environmental Studies- U23CS1VEC01	
Module 1: Introduction Ecosystems and Natural Resources	No Change
Module 2: Human Communities and the Environment, Green Computing	No change

M.Sc Computer Science Semester I

Particulars as per proposed syllabus	Changes as approved in the meeting
Applied Signal and Image Processing-M23CS1MJ01	
Module 1: Signals, Harmonics, Noise, Autocorrelation	To add case study, Module 1: Signals, Harmonics, Noise, Autocorrelation, case study
Module 2: Introduction, intensity transformations, Histogram Processing, Image Derivative	To add case study, Module 2: Introduction, intensity transformations, Histogram Processing, Image Derivative, case study
Module 3: Edge Detection, Morphological Image Processing	To add case study, Module 3: Edge Detection, Morphological Image Processing, case study
Module 4 : Extracting Image Features and Descriptors, Image Segmentation	To add case study, Module 4: Extracting Image Features and Descriptors, Image Segmentation, case study
Applied Signal and Image Processing Practicals	No change
Algorithm for Optimization- M23CS1MJ02	
Module 1: Introduction to Optimization process	To add case study, Module 1: Introduction to Optimization process, case study
Module 2: Order Methods	To add case study, Module 2: Order Methods, case study
Module 3: Sampling and Surrogate Models	To add case study, Module 3: Sampling and Surrogate Models, case study
Module 4 : Optimization and Uncertainty	To add case study, Module 4: Optimization and Uncertainty, case study
Algorithms for Optimization Practicals	No change
Advanced Database Techniques- M23CS1MJ03	
Module 1: Distributed Databases, Basic introduction to NoSQL,	To Add the concept of Spatial And Temporal databases and case study. Module 1 : Spatial and Temporal Databases, Distributed Databases, Basic Introduction to NoSQL, Case Study
Advanced Database Techniques Practicals	No Change
Software Defined Networking- M23CS1E01	
Module 1: Introduction to Software Defined Networking	To add case study, Module 1: Introduction to Software Defined Networking , case study
Module 2: Network Function Virtualization	To add case study, Module 2: Network Function Virtualization, case study
Module 3: Design and Implementation of Network	To add case study, Module 3: Design and Implementation of Network, case study
Software Defined Networking Practicals	No Change
Wireless Networking - M23CS1E02	

Module 1: Introduction to Wireless Sensor Networks	To add case study, Module 1: Introduction to Wireless Sensor Networks, Case Study
Module 2:4G Vision	To add case study, Module 2:4G Vision, case study
Module 3: 5G Technology	To add case study, Module 3:5G Technology, case study
Wireless Networking Practicals	No Change
Research Information Systems and Computing - M23CS1RM01	
Module 1: Introduction,Beginning Stages of Research Process, Literature survey	To add case study, Module 1: Introduction,Beginning Stages of Research Process, Literature survey, Case Study
Module 2:Research Methods and Data Collection, Measurement Concepts, Sampling and Field work, Data Analysis and Presentation	To add case study, Module 2:Research Methods and Data Collection, Measurement Concepts, Sampling and Field work, Data Analysis and Presentation, case study
Module 3: Documentation and scientific writing, Publishing the Paper	To add case study, Module 3:Documentation and scientific writing, Publishing the Paper, case study
Module 4: Statistical analysis and fitting of data	To add case study, Module 3:Statistical analysis and fitting of data, case study

FYBCOM Semester I

Particulars as per proposed syllabus	Changes as approved in the meeting
Mathematical and Statistical Techniques-I U23COM1E01	
Module 1 : Shares and Mutual Funds, Permutation and Combination	No Change
Module 2 : Summarization Measures, Measures of Dispersions	No Change
Module 3 : Index Numbers	No Change
Decision Making Tools - U23COM1SEC01	
Module 1 : Linear Programming Problem, Assignment Problem	No Change
Module 2 : Decision Theory	No Change

FYBBI Semester I

Particulars as per proposed syllabus	Changes as approved in the meeting
Quantitative Methods-I U23BI1E02	
Module 1 : Summarization Measures, Measures of Dispersions	No Change
Module 2 :Bivariate Linear Correlation and Regression	No Change

ShortTerm Course: LibreOffice:

Particulars as per proposed syllabus	Changes as approved in the meeting
ShortTerm Course-LibreOffice	
Module 1:Introduction to LibreOfficeWriter	No Change
Module 2:Typing text and basic formatting in Writer	No Change
Module 3 ,4 and 5:Inserting images, hyperlinks, bookmarks in Writer Tables and table properties in Writer, Viewing and printing a document in Writer	No Change
Module 6,7, 8,9 and 10:Using Find Replace and Autocorrect, Creating Newsletters, Header, Footer and Notes. Using Track changes,Typing in local languages.	No Change

It was decided that the following changes be incorporated in the Proposed syllabus presented before the meeting.

Thereafter following Resolutions were passed.

Resolved that the proposed syllabus in the subject of Introduction to Python Programming, Basics Of Web Programming for Semester I BSc Computer Science, Advanced Database Technique, Software Defined Networking, Applied Signal and Image Processing, Algorithm

for Optimization, Wireless Networking, Research Information Systems and Computing for Semester I MSc Computer Science is hereby approved with modifications as stated above.

The Proposed syllabus was accepted without modifications for subjects like Computer Organization, Descriptive Statistics, Indian Astronomy, Environmental Studies for Semester I BSc Computer Science and for Subjects like Mathematical and Statistical Techniques, Decision Making Tools for BCom Semester I, Quantitative Methods II for Semester I BCom (BI)

Resolved that the proposed syllabi in the course of BSc (CS) of the Department of Computer Science are hereby approved with and without modifications as stated above.

Further Resolved that the proposed evaluation patterns in the course of BSc (CS) of the Department of Computer Science are hereby approved without modifications.

Resolved that the proposed syllabi in the course of MSc (CS) of the Department of Computer Science are hereby approved with and without modifications as stated above.

Further Resolved that the proposed evaluation pattern in the course of MSc (CS) of the Department of Computer Science are hereby approved without modifications.

Resolved that the proposed syllabi in the course of BCom of the Department of Commerce are hereby approved without modifications as stated above.

Further Resolved that the proposed evaluation pattern in the course of BCom of Department of Commerce are hereby approved without modifications.

Resolved that the proposed syllabi in the course of BCom (BI) of the Department of Banking and Insurance are hereby approved without modifications as stated above

Further Resolved that the proposed evaluation pattern in the course of BCom BBI of Department of Banking and Insurance are hereby approved without modifications.

Further Resolved that the Syllabi and Evaluation pattern in the subjects Introduction to Python Programming, Basics Of Web Programming, Computer Organization, Descriptive Statistics, Indian Astronomy, Environmental Studies for Semester I BSc Computer Science of the Department of Computer Science be approved and adopted in a progressive manner for the academic year 2023-24.

Further Resolved that the Syllabi and Evaluation pattern in the subjects Advanced Database Technique, Software Defined Networking, Applied Signal and Image Processing, Algorithm for Optimization, Wireless Networking, Research Information Systems and Computing for Semester I MSc Computer Science of the Department of Computer Science be approved and adopted in a progressive manner for the academic year 2023-24.

Further Resolved that the Syllabi and Evaluation pattern in the short term course **LibreOffice** for BSc Computer Science of the Department of Computer Science be approved and adopted in a progressive manner for the academic year 2023-24.

Further Resolved that the Syllabi and Evaluation pattern in the subjects Mathematical and Statistical Techniques, Decision Making Tools for BCom Semester I of the Department of Commerce be approved and adopted in a progressive manner for the academic year 2023-24.

Further Resolved that the Syllabi and Evaluation pattern in the subject Quantitative Methods II for Semester I BCom BBI of the Department of Banking and Insurance be approved and adopted in a progressive manner for the academic year 2023-24.

Dr. Sheeja Ravi informed that the credit structure, courses, syllabus and evaluation process for semester II and second year/part II for undergraduate/post graduate programmes would be presented for approval in the second meeting of BOS which would be held in the month of October/November 2023.

The meeting was concluded with a vote of thanks extended by Dr. Sheeja Ravi.



Chairman – BOS – Dr. Sheeja Ravi
Place : Nerul, Navi Mumbai
Date: 21-7-2023

SIES Nerul College of Arts, Science and Commerce (Autonomous)
Nerul, Navi Mumbai 400 706

**Minutes of the Meeting of The Board of Studies in Environmental Science
held on 18th July 2023 at 11:30 am by Hybrid Mode.**

The first meeting was held to discuss and deliberate the proposed syllabus, evaluation process and pattern of the first year undergraduate (Semester I) and postgraduate programmes (Part I) under autonomy and NEP 2020 in the concerned BOS.

Agenda of the meeting as follows:

1. To approve the NEP-2020 under Autonomy for First Year students of Undergraduate and Postgraduate for Department of Environmental Sciences (B.Sc Environmental Sciences & M.Sc. Environmental Sciences.)
2. To discuss Eligibility Criteria for admission to First Year students of Undergraduate for Department of Environmental Sciences (B.Sc. Environmental Sciences)
2. To discuss and approve the curriculum and credits under Major, Minor, VSC, SEC and CC of First Year students of Undergraduate and Postgraduate Programmes.
3. To discuss and approve Course Objectives, Course Outcomes and Programme Outcomes, wherever needed.
4. To discuss and approve the Evaluation pattern under Major, Minor, VSC, SEC, and CC of First Year students of Undergraduate and Postgraduate Programmes, if any.
5. To discuss and approve curriculum and evaluation credits of Add-On Courses (Bridge/Value Added, Skill-based, Short term course etc.)
6. Any other issue with the permission of the Chair.

The following members attended the meeting:

	Category	Name and details
1	BOS Chairperson	Dr. Jyoti G. Koliyar (Jatinder Das) – HOD Department of Environmental Science, SIES ASCN College, Nerul, BOS Member
2.	Subject Expert	Dr. Geeta Malbhage-Subject Expert, Assistant Professor, Environmental Science, Amity University Panvel-410206
3.	Corporate Expert	Dr. Seema Mishra– Corporate Expert, Director, SIES-Indian Institute of Environmental Management, Nerul, Navi Mumbai-400706

4.	Alumni Member	Ms. Priya Vishwanathan Iyer- (Special Invitee) (Online Mode) Alumni Member, Assistant Manager-Business Excellence, EHS Trent Limited
5.	Alumni Member	Ms. Chinmayee Patil- Alumni Member, Assistant Professor, and Course Coordinator, SIES-Indian Institute of Environmental Management, Nerul, Navi Mumbai-400706
6.	Faculty	Ms. Kamini Thakur-Assistant Professor (SIES ASCN College, Nerul)

*Requested leave of absence (if any)

The constitution for the first Board of Studies in Environmental Science under the autonomy was placed on records as follows:

Number	Nature	Name and details
1	BOS Chairperson	Dr. Jyoti G. Koliyar (Jatinder Das) – HOD Department of Environmental Science, SIES ASCN College, Nerul, BOS Member
2.	Subject Expert	Dr. Geeta Malbhage-Subject Expert, Assistant Professor, Environmental Science, Amity University Panvel-410206
3.	Corporate Expert	Dr. Seema Mishra– Corporate Expert, Director, SIES-Indian Institute of Environmental Management, Nerul, Navi Mumbai-400706
4.	Alumni Member	Ms. Priya Vishwanathan Iyer- (Special Invitee) (Online Mode) Alumni Member, Assistant Manager-Business Excellence, EHS Trent Limited
5.	Alumni Member	Ms. Chinmayee Patil- Alumni Member, Assistant Professor, and Course Coordinator, SIES-Indian Institute of Environmental Management, Nerul, Navi Mumbai-400706
6.	Faculty	Ms. Kamini N. Thakur-Assistant Professor (SIES ASCN College, Nerul)

The Chairperson, Dr.Jyoti G. Koliyar (Jatinder Das), welcomed and introduced the members of BOS.

Dr.Jyoti G. Koliyar (Jatinder Das) informed that the department is awaiting the name of one expert to be nominated by the Vice-Chancellor of University of Mumbai from a panel of six recommended names sent by the Principal of the college.

Dr.Jyoti G. Koliyar (Jatinder Das) presented the syllabus and the pattern of examination for ADD on Course for the following: **Short term Course in Environmental Audit**

The Proposed syllabus for the Add on Course was accepted without modifications for **Short term Course in Environmental Audit** which were approved without any changes.

Particulars as per proposed syllabus	Changes as approved in the meeting
Major: Environment and Ecosystem	
Unit I	No Change
Unit II	No Change
Unit III	No Change
Unit IV	No Change
Unit V	No Change

Dr Jyoti Koliyar (Jatinder Das) presented the syllabus and the pattern of examination for semester I for the following: **B.Sc in Environmental Sciences (Credits: 22) & M.Sc in Environmental Sciences (Credits: 22)**. Thereafter the same was discussed by the members.

Following suggestions/observations were made:

Name of the member	Suggestions/observations
Dr.Geeta Malbhage (Subject Expert)	B.Sc in Environmental Sciences: Members disused eligibility criteria for the admission in FYBSc Env. Sc. and confirmed with the criteria of HSC with PCM or PCB with minimum 40% marks. M.Sc in Environmental Sciences: Members suggested to consider Bachelors in Vocational Studies for the admission in M.Sc Env.Sc.
Dr.Seema Mishra (Corporate Expert)	

1. It was decided that the following changes be incorporated in the Proposed syllabus presented before the meeting.

B.Sc in Environmental Sciences

Particulars as per proposed syllabus	Changes as approved in the meeting
Major: Environment and Ecosystem	
Module 1: Environment	No Change
Module 2: Ecosystem	No Change
Module 3: Fundamentals of Biodiversity and Conservation	No Change
Practical: Environment and Ecosystem	No Change

		Environmental Management, Nerul, Navi Mumbai-400706
4.	Alumni Member	Ms. Priya Vishwanathan Iyer- (Special Invitee) Alumni Member, Assistant Manager-Business Excellence, EHS Trent Limited
5.	Alumni Member	Ms. Chinmayee Patil- Alumni Member, Assistant Professor, and Course Coordinator, SIES-Indian Institute of Environmental Management, Nerul, Navi Mumbai-400706
6.	Faculty	Ms. Kamini Thakur-Assistant Professor (SIES ASCN College, Nerul)

*Requested leave of absence (if any)

The constitution for the first Board of Studies in Environmental Science under the autonomy was placed on records as follows:

Number	Nature	Name and details
1	BOS Chairperson	Dr. Jyoti G. Koliyar (Jatinder Das) - Department of Environmental Science, SIES ASCN College, Nerul, BOS Member
2.	Subject Expert	Dr. Geeta Malbhage-Subject Expert, Assistant Professor, Environmental Science, Amity University Panvel-410206
3.	Corporate Expert	Dr. Seema Mishra- Corporate Expert, Director, SIES-Indian Institute of Environmental Management, Nerul, Navi Mumbai-400706
4.	Alumni Member	Ms. Priya Vishwanathan Iyer- (Special Invitee) Alumni Member, Assistant Manager-Business Excellence, EHS Trent Limited
5.	Alumni Member	Ms. Chinmayee Patil- Alumni Member, Assistant Professor, and Course Coordinator, SIES-Indian Institute of Environmental Management, Nerul, Navi Mumbai-400706
6.	Faculty	Ms. Kamini N. Thakur-Assistant Professor (SIES ASCN College, Nerul)

The Chairperson, Dr Jyoti Koliyar, welcomed and introduced the members of BOS.

Dr Jyoti Koliyar informed that the department is awaiting the name of one expert to be nominated by the Vice-Chancellor of University of Mumbai from a panel of six recommended names sent by the Principal of the college.

Dr.Jyoti G. Koliyar (Jatinder Das) presented the syllabus and the pattern of examination for ADD on Course for the following: **Short term Course in Environmental Audit**

The Proposed syllabus for the Add on Course was accepted without modifications for **Short term Course in Environmental Audit** which were approved without any changes.

Particulars as per proposed syllabus	Changes as approved in the meeting
Major: Environment and Ecosystem	
Unit I	No Change
Unit II	No Change
Unit III	No Change
Unit IV	No Change
Unit V	No Change

Dr Jyoti Koliyar (Jatinder Das) presented the syllabus and the pattern of examination for semester I for the following: **B.Sc in Environmental Sciences (Credits: 22) & M.Sc in Environmental Sciences (Credits: 22)**. Thereafter the same was discussed by the members.

Following suggestions/observations were made:

Name of the member	Suggestions/observations
Dr.Geeta Malbhage (Subject Expert)	B.Sc in Environmental Sciences: Members disused eligibility criteria for the admission in FYBSc Env. Sc. and confirmed with the criteria of HSC with PCM or PCB with minimum 40% marks. M.Sc in Environmental Sciences: Members suggested to consider Bachelors in Vocational Studies for the admission in M.Sc Env.Sc.
Dr.Seema Mishra (Corporate Expert)	

1. It was decided that the following changes be incorporated in the Proposed syllabus presented before the meeting.

B.Sc in Environmental Sciences

Particulars as per proposed syllabus	Changes as approved in the meeting
Major: Environment and Ecosystem	
Module 1: Environment	No Change
Module 2: Ecosystem	No Change
Module 3: Fundamentals of Biodiversity and Conservation	No Change
Practical: Environment and Ecosystem	No Change

Particulars as per proposed syllabus	Changes as approved in the meeting
Minor: Basic Chemistry-I	
Module-1- Nomenclature, Classification and Solutions, Buffers	No Change
Module 2: Chemical Bonding	No Change
Module 3-Stereochemistry	No Change
Practical: Basic Chemistry	No Change

Particulars as per proposed syllabus	Changes as approved in the meeting
VSC Basics of Computers	
Module 1: Basics of Computers	No Change
Module 2: Tutorials	No Change

Particulars as per proposed syllabus	Changes as approved in the meeting
SEC Introduction to Good Laboratory Practices	
Module 1- Good Laboratory Practices	Chemical Handling, Laboratory Safety and Personal Protective Equipments
Module 2: Tutorials	No Change

The Proposed syllabus was accepted without modifications for B.Sc in Environmental Sciences (Major: Environment and Ecosystem , Minor: Basic Chemistry-I and VEC: Basics of Computers) which were approved without any changes.

Resolved that the proposed syllabi in the course of B,Sc in Environmental Sciences (SEC: Good Laboratory Practices) are hereby approved with modifications as stated above.

Further Resolved that the proposed evaluation pattern in the course of B.Sc in Environmental Sciences of are hereby approved with modifications that Questions need to split into sub-questions for easy evaluation.

Further Resolved that the Syllabi and Evaluation pattern in the subject of B.Sc in Environmental Sciences be approved and adopted in a progressive manner for the academic year 2023-24.

2. It was decided that the following changes be incorporated in the Proposed syllabus presented before the meeting.

M.Sc in Environmental Sciences

Particulars as per proposed syllabus	Changes as approved in the meeting
Ecology, Ecosystem and Biodiversity	
Module 1: Ecology	No Change
Module 2: Biosphere and Ecosystem	No Change
Module 3: Organization of Ecological System, Energy and Ecological Succession	No Change
Module 4: Biodiversity concept, components and evaluation	No Change
Practical: Ecology, Ecosystem and Biodiversity	Reshuffling of Practicals

Particulars as per proposed syllabus	Changes as approved in the meeting
Environmental Pollution	
Module 1: Environmental pollution, Air and Water Pollution;	The topic of Noise pollution to be shifted in module 1 to Air Pollution.
Module 2: -Soil pollution, solid waste pollution and Biomedical waste:	No Change

Module 3: Nuclear and Hazardous waste pollution	Change in name of module 3 to “Nuclear and Hazardous Waste Pollution”.
Module 4: Thermal pollution, Oil Pollution, Plastic pollution and Electronic waste (E-waste):	No Change
Practical: Environmental Pollution	No Change

Particulars as per proposed syllabus	Changes as approved in the meeting
OE- Sustainability and Natural Resource Management	
Module -1- Introduction to Natural Resources	Nuclear energy topic to be added in module 1.
Module -2- Ecosystem Services and Natural Capital for Sustainability	module 2 can be changed to ‘Ecosystem Services and Natural Capital for Sustainability
Module-3 – Environmental Degradation and Natural Resources	Change in name of module 3 to “Nuclear and Hazardous Waste Pollution”. Climate change topics must be included under environmental degradation as a subtopic and Drought, and landslides are the topics that must be added suggested by members.
Module 4: Thermal pollution, Oil Pollution, Plastic pollution and Electronic waste (E-waste):	Energy efficiency topic to included in the module 4.

Particulars as per proposed syllabus	Changes as approved in the meeting
RM- Research Methodology	
Module-1- Foundations of Research: Problem Identification & Formulation	No Change
Module-2- Research Design: Qualitative and Quantitative Research:	No Change
Module-3- Documentation and scientific writing: Publishing the Paper:	No Change

Module-4- Interpretation of Data and Paper Writing- Use of tools I techniques for Research:	No Change
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Particulars as per proposed syllabus	Changes as approved in the meeting
Biodiversity and Conservation	
Module 1- Biodiversity Conservation	Members are advised to shuffle the modules. Module 1 becomes Module 2 and vice versa.
Module 2- Biodiversity Convention Act	Aichi Biodiversity Targets under Convention on Biological Diversity (CBD) and current regulations regarding biodiversity conservation.

The Proposed syllabus was accepted without modifications for M.Sc in Environmental Sciences - Paper Research Methodology which were approved without any changes.

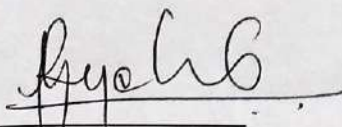
Resolved that the proposed syllabi in the course of B,Sc in Environmental Sciences (Ecology, Ecosystem and Biodiversity, Environmental Pollution, Sustainability and Natural Resource Management and Biodiversity and Conservation are hereby approved with modifications as stated above.

Further Resolved that the proposed evaluation pattern in the course of M.Sc in Environmental Sciences of are hereby approved with modifications that Questions need to split into sub-questions for easy evaluation.

Further Resolved that the Syllabi and Evaluation pattern in the subject of M.Sc in Environmental Sciences be approved and adopted in a progressive manner for the academic year 2023-24.

BOS Members informed that the credit structure, courses, syllabus and evaluation process for semester II and second year/part II for undergraduate/post graduate programmes would be presented for approval in the second meeting of BOS which would be held in the month of October/November 2023.

The meeting was concluded with a vote of thanks extended by Dr.Jyoti G. Koliyar (Jatinder Das)



Chairperson – BOS – Dr.Jyoti G.Koliyar (Jatinder Das)

Place : Nerul, Navi Mumbai

Date: 19th July 2023 .

**SIES Nerul College of Arts, Science and Commerce (Autonomous)
Nerul, Navi Mumbai 400 706**

Minutes of the Meeting of The Board of Studies in B.Sc. Packaging Technology held on 20th July, 2023 at SIES Nerul College of Arts, Science and Commerce (Autonomous) Nerul, Navi Mumbai by Hybrid Mode.

The first meeting was held to discuss and deliberate the proposed syllabus, evaluation process and pattern of the first year undergraduate (Semester I) for BSc Packaging Technology under autonomy and NEP 2020 in the concerned BoS.

The agenda proposed in the meeting is as follows:

1. To approve the NEP-2020 Curriculum under Autonomy for first year students of BSc Packaging Technology
2. To discuss and approve the curriculum and credits under Major and Minor of First Year of the UG programme.
3. To discuss and approve the course objectives and course outcomes.
4. To discuss and approve the evaluation pattern under Major and Minor of First Year of the UG programme.
5. To discuss and approve eligibility (first year) and the direct second year admissions to the UG programme.
6. Any other matter with the permission of the Chair.

The following members attended the meeting:

Sr.No.	Category	Name and details
1	Chairman	Prof. Prasad Balan Iyer, Director, SIES School of Packaging, Navi Mumbai

2	Special Invitees	Dr. Koel Roy Choudhury, Principal, SIES (Nerul) College of Arts, Science & Commerce, Navi Mumbai.
3		Dr. Trupti S. Wani, SIES (Nerul) College of Arts, Science & Commerce, Navi Mumbai.
4	All faculty members of the department	Dr. Sandesh Ramteke, SIES Graduate School of Technology
5		Dr. Vivek Parab, SIES School of Packaging
6		Prof. Sagar Waghmare, SIES Graduate School of Technology
7		Prof. Sanghamitra Shahal, SIES School of Packaging
8	Subject experts in the subject from outside the parent university	Dr. S. Radhakrishnan Professor Emeritus & Director, Research Development & Innovation, Maharashtra Institute of Technology, Pune.
9		Dr. S. T. Mhaske Head, Department of Polymer & Surface Engineering, Institute of Chemical Technology, Mumbai.
10	Representative from Industry	Mr. Mahadevan Iyer, Managing Director, IMA-PG
11	Member of the college Alumni	Ms. Mital Doshi, Deputy Manager – Packaging Development & Design, Idemitsu Lube India Private Ltd.
12	Expert from outside the Autonomous college whenever special courses of studies are to be Formulated	Mr. Kiran Prayagi, Printing & Colour Management Expert

The constitution for the first Board of Studies in B.Sc. Packaging Technology under the autonomy was placed on records as follows:

Sr. No.	Nature	Name and details
1	Head of the department concerned (Chairman).	Prof. Prasad B. Iyer, Director, SIES School of Packaging, Navi Mumbai.
2	Special Invitee	1. Dr. Koel Roy Choudhury, Principal, SIES (Nerul) College of Arts, Science & Commerce, Navi Mumbai.

		2. Dr. Trupti S. Wani SIES (Nerul) College of Arts, Science & Commerce, Navi Mumbai.
3	All Faculty members of the Department	1. Dr. Sandesh Ramteke, SIES GST 2. Dr. Vivek Parab, SIES SOP 3. Prof. Sagar Waghmare, SIES GST 4. Prof. Sanghamitra Shahal. SIES SOP
4	Two subject experts in the subject from outside the parent university to be nominated by the Academic Council	1. Dr. S. Radhakrishnan Professor Emeritus & Director, Research Development & Innovation, Maharashtra Institute of Technology, Pune. 2. Dr. S. T. Mhaske Head, Department of Polymer & Surface Engineering, Institute of Chemical Technology, Mumbai.
5	One representative from industry/corporate sector/allied area to be nominated by the Principal.	Mr. Mahadevan Iyer, Managing Director, IMA-PG
6	One member of the college Alumni to be nominated by the principal.	Ms. Mital Doshi, Deputy Manager – Packaging Development & Design at Idemitsu Lube India Private Ltd.
7	Experts from outside the Autonomous college whenever special courses of studies are to be Formulated, to be nominated by the principal.	Mr. Kiran Prayagi, Printing & Colour Management Expert
8	One expert to be nominated by the vice-chancellor from a panel of six recommended by the autonomous college principal.	To be nominated (refer the panel list after the table)

Panel of six recommended by the autonomous college principal:

Sr. No.	Name and details
1	Dr. Kirtiraj Gaikwad, Assistant Professor, Department of Paper technology, IIT Roorkee
2	Dr. Amruthraj Krishnan Professor & HoD, Department of Media Technology, Manipal Institute of Technology
3	Prof. B. K. Karna, Director, Packaging Clinic & Research Institute, Hyderabad

4	Dr. K. Senthilvadiyu HoD, Department of Printing Technology, Anna University, Chennai.
5	Dr. Anurag Kulshreshtha Adjunct Professor, Department of Polymer Science & Technology, IIT Roorkee
6	Mr. Ainain Shahidi Packaging Expert, Freelancer with 30+ year of corporate Packaging Experience

The Chairperson, Prof. Prasad Iyer welcomed and introduced the members of BOS.

Dr. Koel Roy Choudhury informed that department is awaiting the name of one expert to be nominated by the Vice-Chancellor of University of Mumbai from a panel of six recommended names sent by Principal of the college

The proposed NEP-2020 curriculum structured under autonomy for first year students of B.Sc. Packaging Technology was accepted without modification and seconded by by Dr. S. Mhaske.

Prof. Prasad Iyer presented the syllabus and the pattern of examination for Semester I. The proposed syllabus for B.Sc. Packaging Technology Programme is as follows:

No. of Courses	Course Code	Semester I	Credits
1	Major		
1	U23PT1MJ01	Introduction To Packaging	02
2	U23PT1MJ02	Paper Based Packaging	03
3	U23PT1MJP02	Paper Based Packaging - Laboratory	01
2	Minor		
1	U23PT1MI01	Basic Chemistry - I	03
2	U23PT1MIP01	Basic Chemistry – I - Practicals	01
3	Open Electives (OE)		
1	U23PT1E01	Environment and Society	04
4	VSC/SEC		
1	U23PT1VSC01	Basics of Computers	02
2	U23PT1SEC01	Introduction to Good Laboratory Practices	02

5	AEC/VEC/IKS		
1	U23PT1AEC01	Effective Communication Skills – I	02
2	U23PT1VEC01	Understanding Indian Society and Constitutional Values	02
6	OJT, FP, RP, CEP, CC		
Total Credits			22

Thereafter the same was discussed by the members.

Following suggestions/observations were made:

Name of the member	Suggestions/observations
Dr. S. T. Mhaske	Suggested including a basic science subject in the BSc. course syllabus as a minor
Dr. S. T. Mhaske	Suggested Plastic Packaging as a part of the syllabus of UG Programme
Dr. Radhakrishnan	Suggested about addition of lamination and types of adhesives as a part of the syllabus of UG Programme
Dr. Radhakrishnan	Suggested addition of the measurement of Ash content in paper/Whiteness Index in the practical component of the paperbased packaging course
Mr. Kiran Prayagi	Suggested addition of Gloss/ Colour / brightness/ whiteness index as part of optical properties in the practical component of the paperbased packaging course
Prof. Prasad B. Iyer	Suggested addition of the word “applications” also in the 3 rd course outcome for paperbased packaging course.

Particulars as per proposed syllabus	Changes as approved in the meeting
Introduction to Packaging	
Unit I: Introduction & Product-Package Compatibility Studies	No change
Unit II: Packaging – Marketing, Quality, Environment, Cost	No change

Resolved that the proposed syllabi in the course of Introduction to Packaging of first year BSc. Packaging Technology are hereby approved without modifications as stated above and seconded by Dr. Radhakrishnan.

It was decided that the following changes be incorporated in the Proposed syllabus in the course of Paper Based Packaging presented before the meeting.

Particulars as per proposed syllabus	Changes as approved in the meeting
Paper Based Packaging	
Unit I: Raw Materials, Pulping & Papermaking	No change
Unit II: Paper Types & Properties	No change
Unit III: Paper based Boards & Packaging	No change
The word “applications” has also been added in the 3 rd course outcome for paperbased packaging course after “properties”	

	Changes as approved in the meeting
Paper Based Packaging - Laboratory	
List of Practicals	Added Ash Content Measurement Added Gloss, Colour Brightness/Whiteness measurement in Optical properties

Resolved that the proposed syllabi in the course of Paper Based Packaging of first year BSc. Packaging Technology are hereby approved with modifications as stated above and seconded by Dr. Radhakrishnan.

Further resolved that the proposed evaluation pattern in the course of **Introduction to Packaging** of first year BSc. Packaging Technology are hereby approved without modifications and seconded by Dr. Vivek Parab.

Further resolved that the proposed evaluation pattern in the course of **Paper Based Packaging** of first year BSc. Packaging Technology are hereby approved without modifications and seconded by Dr. Vivek Parab.

Resolved that the proposed course objectives and course outcomes in the course of **Introduction to Packaging** of first year BSc. Packaging Technology are hereby approved without modifications and seconded by Mr. Mahadevan Iyer.

Resolved that the proposed course objectives and course outcomes in the course of **Paper Based Packaging** of first year BSc. Packaging Technology are hereby approved with modifications as stated above and seconded by Mr. Mahadevan Iyer.

The proposal for the eligibility for first year and direct second year admissions to UG programme was as follows:

Eligibility for admission First year	HSC Science or HSC Vocational Sciences
Eligibility for admission Second year	Post SSC Diploma Engg or Tech / Vocation Sciences

Resolved that the proposed eligibility **above** for first year BSc. Packaging Technology and direct second year admission are hereby approved and seconded by Dr. S. T. Mhaske.

Prof. Prasad Iyer informed that the credit structure, courses, syllabus and evaluation process for Second year for undergraduate programme would be presented for approval in the second meeting of BOS which would be held in the month of October/November 2023.

The meeting was concluded with a vote of thanks extended by the Chairman.



Chairman – BOS – Prof. Prasad B. Iyer
Place : Nerul, Navi Mumbai
Date: 20.07.2023