

S.I.E.S. COLLEGE OF COMMERCE AND ECONOMICS

SION (EAST), MUMBAI – 400 022

MINUTES OF MEETING OF BOARD OF STUDIES

Department of Information Technology

A Meeting of the Board of Studies in Information Technology of SIES College of Commerce & Economics (Autonomous), Sion East, Mumbai 400 022 was held on 23rd April, 2021 from 3.00 p.m. to 5.00 p.m. by online mode on MS Teams.

The meeting was held to discuss and deliberate the proposed syllabus, exam pattern and question paper pattern of the subjects in the concerned BoS.

Agenda:

1. Finalization of syllabi of Semester III and Semester IV of B. Sc. (Information Technology), M.Sc. (Information Technology) and Information Technology papers in B.Com. (Banking and Insurance), B. Com. (Financial markets) and Bachelor of Management Studies to be implemented from academic year 2021- 2022.
2. Finalization of scheme of examination for Second year programmes.
3. To approve continuation of the same syllabus and pattern of examination for First Year Autonomous programs for academic year 2021-2022.
4. Any other matter with permission of chair person.

The following members attended the meeting.

Sr.No.	Name	Designation
1	Dr. Nina Roy Choudhary	Principal, SIES College of Commerce and Economics, Sion East.
2	Mrs. Bhavini Deepak Shah	Chairperson / Head of the Department, Assistant Professor, SIES College of Commerce and Economics, Sion East.
3	Dr. Anup Palsokar	VC Nominee, Associate Professor, Department of Computer Applications, SIES College of Management Studies
4	Dr. Parikshit Narendra Mahalle	Professor and Head, Department of Computer Engineering, Smt. Kashibai Navale College of Engineering, Pune

5	Mr. Anurag M. Dwivedi	Asst. Professor, Department of Research & PG Studies in Science and Management, MCA Programme. Vidya Bharati Mahavidyalaya, Amravati (M.S.)
6	Mr. Kannan S. Maravar	Industry Representative, Software Engineer, SAPLOGI Technologies.
7	Mr. Sham Srinivas	Meritorious Alumni, Founder and Director Savisha Marketing.
8	Ms. Sandhya Thakkar	Outside Expert, Assistant Professor, SIA College, Dombivli.
9	Mr. Madhav Mishra	Other Member of Faculty, Associate Data Scientist, at Telstra India Pvt Ltd.
10	Ms. Ruta Prabhu	Member, Assistant Professor, SIES College of Commerce and Economics, Sion East.
11	Ms. Varsha Dhanawade	Member, Assistant Professor, SIES College of Commerce and Economics, Sion East.
12	Ms. Mamta Pandey	Member, Lecturer, SIES College of Commerce and Economics, Sion East.
13	Ms. Dipali Patil	Member, Lecturer, SIES College of Commerce and Economics, Sion East.
14	Ms. Divya Thakur	Member, Lecturer, SIES College of Commerce and Economics, Sion East.
15	Mr. Sarvanan Reddy	Member, Visiting Faculty, SIES College of Commerce and Economics, Sion East.

Ms. Ruta Prabhu welcomed and introduced the members of BoS and the Principal, Dr. Nina Roy Choudhary addressed members of BoS.

Ms. Divya Thakur, faculty from Management Studies, presented the syllabus of SYBMS Information Technology in Business Management - I & II and SYBFM Computer Skills – II subjects along with pattern of examination. Mr. Sarvanan Reddy, visiting faculty from Banking and Insurance presented the syllabus of SYBBI Information Technology in Banking and Insurance - I & II subjects along with pattern of examination. Thereafter the syllabus of SYBSc (IT) was discussed by respective subject faculties and Mrs. Bhavini Shah presented the syllabus of M.Sc. (IT) – semester III & IV along with pattern of examination.

Following suggestions/observations were made:

Name of the subject	Name of the member	Suggestions/observations
Information Technology in Business Management – I & II - (SYBMS)	Dr. Parikshit Mahalle	Mini projects of 20 marks can be added in the scheme of Internal Examination.
	Mr. Madhav Mishra	Real time data analysis of different business scenarios can be added in the scheme of Internal

	Ms. Sandhya Thakkar	Examination. A topic on security measures and controls can be added in the syllabus.
Computer Skills – II – (SYBFM)	Mr. Madhav Mishra Ms. Sandhya Thakkar Mr. Kannan Marawar Dr. Anup Palsokar	Internal component can be refined by adding projects / field work activities. Topics related to security measures can be added in banking sectors. Introduction to BI can be added in Database Management System module. Government schemes included in syllabus to be amended as per Government revised guidelines. To add the topics of Module 3 - Introduction to Database and Data warehouse (from the subject Information Technology in Business Management – II, SYBMS Sem IV) in Module 2 - Database Management System.
Information Technology in Banking and Insurance – I & II - (SYBBI)	Dr. Nina Roy Choudhury	Projects / field work activities can be added in the Internal component.
Python Programming – (SYBScIT Sem III)	Mr. Madhav Mishra	Practicals can also be conducted in Google Colab and can be uploaded on Github account.
Computer Networks - (SYBScIT Sem III)	Dr. Parikshit Mahalle	Case studies can be added.
Computer Graphics and Animation - (SYBScIT Sem IV)	Mr. Madhav Mishra and Dr. Parikshit Mahalle	Introductory concepts related to AR / VR technology can be added in Unit V.
Database Management Systems – (SYBScIT Sem III)	Mr. Kannan Marawar Dr. Parikshit Mahalle	Students can be encouraged to do certification course in Microsoft SQL. Introduction of non-relational databases can be added.

There are few recommendations on the syllabi from Mr. Sham Shrinivas as given below:

1) BMS students could be educated about international compliances related to data privacy and website building.

For example - GDPR (as data privacy is becoming important). Adherence to GDPR guidelines is mandatory for websites operating out of EU or for companies which deal with data of EU citizens.

Websites in Canada have to follow the Web Content Accessibility Guidelines 2.0 (WCAG 2.0) [WCAG 2.0 comprises a set of standards meant to help web developers and design technicians incorporate accessibility points for disabled access to content). Since multiple agencies and freelancers design websites for firms based out of EU and Canada, it becomes important to them to know about these regulations and guidelines.

CAN-SPAM legislation in the US (to combat spamming). We may have similar guidelines in India as well someday.

2) Students of all courses could be introduced to no code stack.

Today it isn't necessary to be a software engineer to build a website or software product. Students can be introduced to tools such as Shopify, Webflow and Bubble. They could be encouraged to create a website or an app using these tools. Experimenting with these tools can also offer confidence to those students who aren't adept at coding.

3) Canva is included in the syllabus which is a brilliant initiative for BMS students. It would be excellent if students (at least the ones pursuing BSc IT) are introduced to tools such as Adobe Illustrator, Adobe Photoshop etc. Gig economy is becoming popular and his own firm works with driven freelance designers. These kids picked up Photoshop and Illustrator by themselves and have become successful freelancers. He believes this would also increase the employability of students or even encourage them to turn solopreneurs.

4) He wholeheartedly supported Mr Madhav's recommendation of getting BSc IT students to create a Github account. On similar lines, those students who are adept at using Adobe or other design tools can create a Behance account to share their work. Certain students must be aware of Stack Overflow. If they aren't they can be encouraged to explore the same.

5) He also encourages workshops/sessions on Adobe tools, Statistical Tools, Tableau (a data visualization tool) for BSc IT students.

6) The IT course for BFM students could include topics like UPI, Blockchain, AML (Anti money laundering) tools

7) The IT course could have a topic related to SAAS platforms.

8) For internal assessments, IT students (from either first or second year onwards) could be given a choice of assignments/projects or only building a product (website/ecommerce platform/app etc.). This would encourage those who are passionate about coding to begin early. This would also mean that students don't get overwhelmed by the final year project.

9) Sessions can be held for BSc IT students on alternate career pathways.

It was decided in the meeting to incorporate the above suggestions in proposed syllabus presented as per feasibility.

Taking into consideration the above recommendations, webinars/seminars/workshops can be arranged for the students for the topics which cannot be added into the syllabus.

Thereafter following resolutions were passed.

It was resolved that the proposed syllabus of SYBFM in the subject of Computer Skills - II and Examination pattern is hereby approved with modifications as stated above.

Further, it was resolved that the proposed syllabus of SYBMS in the subject of Information Technology in Business Management – I & II and Examination pattern is hereby approved with modifications as stated above.

Further, it was resolved that the proposed syllabus of SYBBI in the subject of Information Technology in Banking and Insurance - I & II and Examination pattern is hereby approved with modifications as stated above.

Further, it was resolved that the proposed syllabus of BSc (IT) for Semester III and Semester IV and Examination pattern is hereby approved with modifications as stated above.

Further, it was resolved that the proposed syllabus of MSc (IT) for Semester III and Semester IV and Examination pattern is hereby approved without modifications.

Further, it was resolved that proposed examination pattern will be 60 – 40 – 50 with 60 marks semester end examination, 40 marks internal assessment and 50 marks practical assessment with bifurcation mentioned in proposed examination pattern. The same was approved by BoS.

The internal examination through MCQ/Objective format will be conducted online/offline as decided by Examination Committee.

Further, it was resolved that in case of unforeseen and challenging circumstances all examinations/evaluation will be conducted through online or by any mode as determined by the Govt. and UGC.

Further, it was resolved that the proposed syllabi, exam pattern, question paper pattern in the above mentioned subjects is approved and adopted in a progressive manner for the academic year 2021-2022.

Further, it was resolved that the same syllabus and pattern of examination for First Year Autonomous programs will be continued for academic year 2021-2022.

The meeting was concluded with a vote of thanks extended by Ms. Mamta Pandey.

Chairperson – BOS – Information Technology

Mrs. Bhavini Deepak Shah

Place - Mumbai

Date – 23rd April 2021