

**Vivekanand Education Society's College of  
Arts, Science & Commerce(Autonomous)**

**Department of Computer Science  
Minutes of the 5th BOS Meeting**

The fifth meeting of BOS of the Computer Science Department was held on 29th Feb 2024 between 1.30 pm to 2.30 pm. The following members were present for the meeting -

1. Chairperson (HOD / Coordinator) : Mr. Kamlakar Bhopatkar
2. University Nominee:  
Dr. Rasika Mallya, Associate Director, DESs NMITD, Mumbai
3. External Subject Expert Member:
  - a. Dr. Rakhi Gupta, Coordinator, IT Department, KC College, HSNC University, Mumbai
4. The entire faculty of each specialization:
  - i. Mr. Sujit Chavan
  - ii. Ms. Rajashree Date
5. Special Invitees -
  - i. Dr. Madhavi Vaidya - As she left the institution in Jan 2024 and now is working as Associate Professor in JIET Group Institution, Jodhpur, she attended the meet as a special invitee.
  - ii. Ms. Priya Daniel - She joined the department in Jan 2024 and attended the meeting as one of the subject expert .

Dr. Sumedha Sirsikar, Mr. Ranjeet Salunkhe & Ms. Rameswari Selveraj couldn't attend the meeting due to some urgent work. Ms. Laxmi Tiwari is on maternity leave.

The meeting was planned with the following agenda -

1. To discuss and sanction the syllabi for the academic year 2024-25
2. AOB with permission of chair

The proceedings of the meeting along with the resolutions adopted are as follows -

**Agenda 1 - To discuss and sanction the syllabi for the academic year 2024-25**

Mr. Kamlakar welcomed all the members for the meeting. He updated all the members about the changes in the composition of the members of the committee due to changes in the teaching faculty of the department. The teachers presented three syllabi files -

**a. Changes in TYBSc CS Syllabus for 2024-25**

Dr. Madhavi Vaidya updated that she proposes to remove one practical from the subject - **“Introduction to Business Intelligence, Data Warehousing and Data Mining”**. Rest of the contents of the syllabus would remain unchanged.

There was no suggestion on TYBSc CS Syllabus as the contents were almost the same.

**b. Changes in FYBSc CS NEP CS Syllabus for 2024-25**

Following updates have been proposed in NEP Syllabus of FYBSc CS syllabus -

<b>Proposed By</b>	<b>Paper</b>	<b>Changes</b>	<b>Reason</b>
Mr Sujit	Mathematical Statistics	Descriptive Statistics Title changed to Mathematical Statistics	To have subjects of Mathematics as minor in all the years
Ms. Rajashree Date	Website Design Using Content Management System	Pedagogy for this paper changed from “Theory” to “Practical” based therefore 10 practicals were added in the syllabus replacing theory contents.	This paper is more appropriate to teach practically in lab than theory
Mr. Sujit Chavan	Introduction to R	Pedagogy for this paper changed from “Theory” to “Practical” based therefore 10 practicals were added in the syllabus replacing theory contents.	This paper was more appropriate to teach practically in lab than theory
Mr. Sujit Chavan	Vedic Mathematics	Syllabus was reduced to two units of 15 lectures rather than 3 units of 10 lectures.	It was very difficult to cover three units in a semester. Only two units with in-depth contents could do justice
Mr. Kamlakar	“Python for Everybody”	A new subject introduced as Open Elective for all streams in which  Unit 1 - Focuses on introduction to	To offer more electives and to include in-demand subjects.

		<p>programming and basic python programming elements</p> <p>Unit 2 - Focuses on Python conditions, loops, functions, modules</p> <p>Unit 3 - Focus on modules like numpy, matplotlib, pygame etc to cover applications of python in data analysis, gaming etc</p> <p>Students can try executing programs on mobile using online interpreters.</p>	
--	--	---	--

The detailed contents of the syllabus were shared prior and presented during the meeting. Also OE papers offered by other departments have also been changed which would be approved by the respective department's BOS.

### c. Proposed SYBsc NEP CS Syllabus for 2024-25

The proposed subject structure and titles as per NEP Guidelines of SYBSc CS syllabus are as follows -

#### MAJOR COURSES

Sem.	Theory / Practical	Course Title	No of Credits	No of Hours	Total Credits
III	Theory	Object Oriented Programming Using Java (Presented by Mr Kamlakar Bhopatkar)	2	30	8
	Theory	Data Structures (Presented by Mr Kamlakar Bhopatkar)	2	30	
	Theory	Software Engineering (Presented by Ms. Priya Daniel)	2	30	
	Practical	Computer Science Practical 3(of Java & DS)	2	60	
IV	Theory	Advanced Application Development (Presented by Ms. Rajashree Date)	2	30	8
	Theory	Computer Networks (Presented by Ms. Priya Daniel)	2	30	
	Theory	Theory of Computation (Presented by Mr. Sujit Chavan)	2	30	
	Practical	Computer Science Practical 4 (of AAD and CN)	2	60	

### MINOR COURSES

Sem.	Theory / Practical	Course Title	No of Credits	No of Hours	Total Credits
III	Theory	Discrete Mathematics (Presented by Mr. Sujit Chavan)	2	30	4
	Tutorial	Discrete Mathematics Tutorial	2	30	
IV	Theory	Calculus (Presented by Mr. Sujit Chavan)	2	30	4
	Tutorial	Calculus Tutorial	2	30	

### OPEN ELECTIVE COURSES (offered by Computer Science Department)

Sem.	Theory/ Practical	Course Title	No of Credits	No of Hours	Total Credits
III & IV	Theory	Introduction to Cyber Security (Presented by Ms. Rajashree Date)	2	30	2

### Vocational Skill Courses (VSC)

Sem.	Theory/ Practical	Course Title	No of Credits	No of Hours	Total Credits
III	Practical	Advanced Database Concepts (Presented by Ms. Rajashree Date)	2	30	2

### Skill Enhancement Courses (SEC)

Sem.	Theory/Practical	Course Title	No of Credits	No of Hours	Total Credits
IV	Practical	Web Testing Using Selenium (Presented by Ms. Priya Daniel)	2	30	2

The detailed contents of the syllabus were shared prior and presented during the meeting by the respective teachers. Following suggestions were given by the members of the BOS -

1. By Dr. Rakhi Gupta
  - (i) For the Subject Software Engineering, UML diagrams along with case studies need to be added to the syllabus.
2. Dr. Madhavi Vaidya
  - (i) Advanced Database subject can include revision of SQL concepts in the beginning
  - (ii) In the Cybersecurity subject, demonstrate the tools taught as part of the syllabus.
  - (iii) For the Subject Software Engineering, include UML Case Studies in the syllabus.

### Agenda 2 - AOB with permission of chair

Nil

The teachers of the department agreed to incorporate the changes and send the updated syllabus files at the earliest. The meeting ended with a vote of thanks by the chairman.