

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

**Department of Computer Science  
Minutes of the 2nd BOS Meeting**

The second meeting of BOS of the Computer Science Department was held on 6th August between 10 am to 11.30 am. The following members were present for the meeting -

1. Chairperson (HOD / Coordinator) : Mr. Kamlakar Bhopatkar
2. External Subject Expert Member:
  - a. Dr. Rakhi Gupta, Coordinator, IT Department, KC College, HSNC University, Mumbai
  - b. Dr. Sumedha Sirsikar, Associate Professor, School of Computer Engineering and Technology, Dr. Vishwanath Karad MIT WPU, Pune
3. Subject Expert (R&D/ Industry) :  
Mr. Ranjeet Salunkhe, Mobile Technical Architect, Capgemini India Pvt Ltd,
4. PG Alumnus :  
Ms. Rameswari Selvaraj, Manager, Deloitte India LLP
5. The entire faculty of each specialization:
  - i. Dr. Madhavi Vaidya
  - ii. Mr. Sujit Chavan
  - iii. Ms. Laxmi Tiwari
  - iv. Ms. Neha Narne
  - v. Ms. Rajashree Date
6. Special Invitee - Mr. Gokul Choudhary, a member of Data Science & Data Analytics Department attended the meeting.

Dr. Rasika Mallya couldn't attend the meeting due to some important work.

The agenda was planned with the following agenda -

1. To discuss and sanction the syllabus of SYSc Computer Science to be implemented from the academic year 2022-23

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 syllabus of SYSc Computer Science to be implemented from the academic year 2022-23**

Mr. Kamlakar Bhopatkar welcomed and gave a brief introduction of all the members. He mentioned that the official copy of SYBSc Computer Science was received on 13th July 2022. He also shared that at the start of the academic year, the syllabus was not known, then unit 1 of each paper was made available and the final copy was sent almost a month late. Due to this, the department couldn't work on modifying the syllabus at the beginning. The department made changes in the contents of the subjects of 4th semester.

The proposed syllabus paper presentations that have changes are as follows -

<b>Sr. No.</b>	<b>Paper Title</b>	<b>Teacher Name</b>	<b>Proposed Changes</b>	<b>Remarks</b>
Semester III				
1	Java based Application Development	Ms. Laxmi Tiwari	From Unit 2, following topics to be removed -  <b>Collection Framework: Introduction, java.util Package interfaces, List, Set, Map, List interface &amp; its classes, Set interface &amp; its classes, Map interface &amp; its classes.</b>  <b>JDBC Exception classes, BLOB &amp; CLOB</b>  <b>Trees, Printing with 2D API and Java Print Service API.</b>  From Unit 3, following topics to	In the current SY syllabus, the topics of two papers of Java and Advanced Java have been combined into one paper. Hence the paper has become bulky. In the Autonomy SY syllabus, we have cut down the in-depth portion of some topics.

			<p>be removed -</p> <p><b>Filter API, Manipulating Responses using Filter API,Types of Servlet Event: ContextLevel and SessionLevel.</b></p> <p><b>JSP Expression Language, JSP Standard Tag Libraries, JSP Custom Tag, JSP Session Management, JSP Exception Handling, JSP CRUD Applications</b></p>	
Semester IV				
1	<b>Software Engineering</b>	Dr. Madhavi Vaidya	<p>Title -</p> <p><b>Software Engineering and Quality Assurance</b></p> <p>In Unit 3, following topics will be added -</p> <p>Integration Testing, Validation Testing, Definition of V &amp;V, Different types of V &amp; V Mechanisms, Concepts of Software Reviews, Inspection,</p> <p>SQA plan, Software Quality Factors, Quality Concepts, Quality Movement, Background Issues, SQA activities, Software Reviews, Formal Technical Reviews, Formal approaches to SQA, Statistical Quality Assurance, Software Reliability, The ISO 9000 Quality Standards, SQA Plan, Six sigma, Informal Revi, SQA activities, Software reviews, SQA plan</p>	<p>Software Engineering and Software Testing-Quality Assurance are two separate papers in SY &amp; TYCS syllabus. But many topics overlap. Hence these two papers have been merged into one paper in semester IV of SY titled Software Engineering &amp; QQuality Assurance. So additional books and practicals have also been included.</p>

		<p><b>Defect Management:</b> Definition of Defects, Defect Management Process, Defect Reporting, Metrics Related to Defects, Using Defects for Process Improvement.</p> <p><b>Quality Improvement:</b> Introduction, Pareto Diagrams, Cause-effect Diagrams, Scatter Diagrams, Run charts</p> <p><b>Quality Costs:</b> Defining Quality Costs, Types of Quality Costs, Quality Cost Measurement, Utilizing Quality Costs for Decision-Making.</p> <p><b><u>TextBooks-</u></b></p> <p>1. Software Testing: Concepts and Practices : K. Mustafa</p> <p><b><u>Practicals</u></b></p> <p>1. Install Selenium IDE; Write a test suite containing minimum 4 test cases for different formats.</p> <p>2. Install Selenium server (Selenium RC) and demonstrate it using a script in Java/Python and open any webpage on any of the two browsers(Mozilla/Chrome/Opera etc)</p> <p>3. Write and test a program to provide total number of objects present / available on the page.(Hint: number of links/number of dropdowns/number of checkboxes checked and unchecked etc.)</p>	
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			<p>4. Write and test a program to login a specific web page(facebook page/ google sign up).</p> <p>5. Write and test a program to update 10 student records into table into Excel file.</p>	
2	<b>Research Methodology</b>	Dr. Madhavi Vaidya	<p><u>Topics Removed</u></p> <p>Unit 3 - How to prepare photographsv</p> <p><u>Topics Added</u></p> <p>What is Plagiarism ? How not to plagiarize. Referencing tools like Mendeley and Zotero</p>	

Rakhi Madam & Sumedha Madam expressed their concerns about loss of important topics from the main syllabus. But the teachers justified the omission of topics to keep the syllabus manageable enough for the students as well as for the teachers to finish.

Sumedha Madam also suggested changing the title of the Software Engineering paper due to inclusion of software testing and quality assurance topics.

The SYBSc Computer Science syllabus was passed in the meeting.

Mr. Kamlakar mentioned that all subjects couldn't be modified as some subjects were new and the syllabus was received one month late hence the teachers didn't get sufficient time.

**Agenda 2 - Any other matter with the permission of the chair.**

Mr. Kamlakar Bhoopatkar mentioned that in the second meeting perhaps TY syllabus would also be proposed and the department won't wait for university syllabus to come out.

The meeting ended with a vote of thanks by the chairman.