



New Horizon College of Engineering
Department of Information Science &
Engineering

BOARD OF STUDIES MEETING

DATE: 17.06.2017

VENUE: ISE Department, Chatrapati Shivaji Block, NHCE

TIME: 10.00am



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade.

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Board of Studies Meeting

17th June 2017

Minutes of Meeting

Participants

Sl. No.	Category	Name of the Person
1	External Members	Dr. Rajanikanth, Former Principal - MSRIT & NBA Consultant
		Dr. Anjaneyalu, Senior Research Director, Infosys Technologies
		Mr. Ranjan Das Gupta, Business Analyst, British Telecom
2	Internal Members	Dr. Jitendranath Mungara, BOS Chairman
		Dr. Vishwanath Y, Sr. A.P, BOS Coordinator
		Mrs. Vandana C P, Sr. A.P
		Mr. Gangadhar Immadi, Sr. A.P
		Mrs. Shanmugam Shoba, Sr. A.P
		Mrs. Mounica B, A.P
		Mrs. Swathi B, A.P
		Mrs. Shwetha K S, A.P
		Mrs. Kavitha K K, A.P
Mrs. Preethi J D, A.P		

Common Comments

1. Mapping of Cos to PSOs should be included in the Syllabus in a separate table like Cos to POs mapping.
2. Advised the mapping of COs to POs based on proper understanding.

3. In the subject syllabus, all the textbooks and reference books suggested to follow uniform format of representation, preferably IEEE format.
4. Suggested to refine the subject syllabus to include in-depth fundamentals and reduce volume to make it practically feasible.
5. Lab program statements to be framed / refined to inculcate problem-solving ability in students.
6. Finite Automate and Formal Language (FAFL) course with tool like JFLAP is highly recommended to be included in academics.
7. PO-12 to be addressed in the proposed Syllabus.

Comments related to UG scheme

1. Professional Elective-1 and Professional Elective-2 suggested to be represented as L:P:T:S as 1:1:0:0 instead of 0:2:0:0. Accordingly contact theory and lab hours weekly to be changed.
2. Product Names like Adobe EM, Vmware, Hp not be included in course name. Suggested to be a poor academic decision.
3. Integration of Theory and Lab is a good practice.
4. Mini-Project contact hours weekly lab to be corrected from 2 to 4 hrs.
5. Suggested to swap the subject COMPUTER NETWORKS in 5th semester with JAVA & J2EE in 6th semester, so that balance of programming languages is maintained in 5th semester.
6. 7th Semester scheme mentions Computer and Network Security, but syllabus subject specifies as Cryptography and Network Security. Consistent naming to be made.
7. 7th semester Professional Elective-3 (4 credits) to be move to 8th semester. Instead Project phase-1 with credit 4 to be included.

Comments related to Individual Course syllabus

Semester	Sl. No.	Course Code	Course Name	Comments
	1	17ISE51	Software Engineering and Best Practices	<ol style="list-style-type: none"> 1. Module 1 – Remove the topics Availability & Reliability 2. Module 4 – Appreciated for the topics included. Include Configuration Management topic. 3. Module 5- Maintenance topic suggested to be removed. Software Quality topic to be refined. Include Software Metrics

5 th Semester	2	17ISE52	Database Management Systems	<ol style="list-style-type: none"> 1. Module 1 – Remove introduction and characteristics. Move ER diagrams to module 1 2. Module 4 – Normalization topic to be dealt with practical approach. 3. Module 5- Indexing and hashing to be removed
	3	17ISE53	Operating Systems	<ol style="list-style-type: none"> 1. Module 1 – Remove OS structure, VM, Hypervisor. 2. Module 2 & 3 – Appreciated the content.
	4	17ISE54	Design and Analysis of Algorithms	<ol style="list-style-type: none"> 1. Module 1 – Parallelism algorithms to be refined 2. Module 2- Optimization algorithms to be included 3. Text Books and reference books names are duplicate and needs to be corrected
	5	17ISE55	Computer Networks	<ol style="list-style-type: none"> 1. Module 5- To be removed and remaining content to be refined to meet practical feasibility.
6 th Semester	1	17ISE61	Web and Internet Programming	<ol style="list-style-type: none"> 1. Module 1-HTML 5 to be included. Suggested to use Linux platform with Apache
	2	17ISE62	Java and J2EE	<ol style="list-style-type: none"> 1. Module 1-Refine and Reduce Introduction part. 2. Module 3 and Module 5-to be refined and reduced.
	3	17ISE63	Dataware Housing and Data Mining	<ol style="list-style-type: none"> 1. Module 4 & Module 5-Refine and Reduce. 2. Program Demonstrations using tools is recommended.
	4	17ISE64	File Structures	<ol style="list-style-type: none"> 1. Suggested to include Linux concept instead of Unix. 2. Remove B and B* and include B+ trees.
	1	17ISE71	Cryptography and Network Security	<ol style="list-style-type: none"> 1. Reduce and Refine the syllabus 2. CO-1 suggested not to use the

7 th Semester				terminology “various”.
	2	17ISE72	Software Testing and Automation	1. Module 1 to be refined, Use the keywords and terminologies Acceptance, Integration, Whitebox, Black Box


M.Tech – Software Engineering

Semester-1:

1. “Service Oriented Architecture” subject to be included in 1st semester.
2. 17SSE12- Software Architecture and Design Patterns to be moved to Sem-2 replacing 17SSE23 “Enterprise Application Programming” which can be moved to Elective.
3. 17 SSE13 –Advanced Algorithm Subject can be replaced with Software System Performance Engineering Subject.
4. 17SSE144 -Big Data Analytics can be made as a core subject due to industry Demand. Hadoop can be replaced with SPARK technology.
5. 17SSE414 -Information Retrieval course name can be renamed as Information Retrieval Systems.

Best Practices suggested and appreciated in the department:

1. Mapping of Internal Assessment Questions with CO’s and RBT Levels.
2. Scrutiny of IA Question Papers by Departmental Board of Examination.


 H.O.D. Information Science
 New Horizon College of Engineering
 Bangalore