

New Horizon College of Engineering
Department of Computer Science and
Engineering

1st BOARD OF STUDIES MEETING

DATE: 11/7/2015

VENUE: HOD's Chamber - DEPT OF CSE

TIME: 11am to 2.45

Alamy
11/7/2015

NEW HORIZON COLLEGE OF ENGINEERING
1st BOARD OF STUDIES MEETING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
AGENDA

Date: 11/7/2015

VENUE: HOD's Chamber - DEPT OF CSE

Time: 11 AM

- **AGENDA 1:** DISCUSSION AND APPROVAL OF 15CS13/23 PROGRAMMING IN C AND STRCUTURES SYLLABUS
- **AGENDA 2:** DISCUSSION AND APPROVAL OF SUBJECTS FOR FIRST YEAR M.Tech CSE
- **AGENDA 3:** DISCUSSION AND APPROVAL OF SUBJECTS FOR FIRST YEAR M.Tech CNE
- **AGENDA 4:** DISCUSSION AND APPROVAL OF SUBJECTS FOR FIRST YEAR M.Tech Sof Engg

CONTENTS

Sl. No	PARTICULARS	Page Nos
1	Members of the Board of Studies	
2	Welcome address by Chairman of BOS and Introduction of members	
3	DISCUSSION AND APPROVAL OF 15CS13/23 PROGRAMMING IN C AND DATA STRUCTURES SYLLABUS	
4	DISCUSSION AND APPROVAL OF SUBJECTS FOR FIRST YEAR M.Tech CSE	
5	DISCUSSION AND APPROVAL OF SUBJECTS FOR FIRST YEAR M.Tech CNE	
6	DISCUSSION AND APPROVAL OF SUBJECTS FOR FIRST YEAR M.Tech Software Engg	
7	Recommendations of the Board	
8	Vote of thanks by Chairman of BOS	

MEMBERS OF THE BOARD OF STUDIES

Sl No.	Category	Nomination of the Committee	Name of the Person
1	Head of the Dept.	Chairperson	Dr. Prashanth C.S.R
3	Faculty Members at different level veering different specializations	1	Dr. N. Guruprasad , Professor
		2	Mrs. Beena B.M Sr. AP
		3	Mrs. Suriya Begum Sr. AP
		4	Mrs. Anjana Sharma AP
		5	Mrs. Sheba Pari AP
4	Subjects Experts from outside the College nominated by Academic Council	1	Dr. Balaji S, Professor at Center for Emerging Technologies, Jain University
		2	Dr. Satyanarayana Reddy, Professor and HOD of M.Tech CSE and M.Tech CNE, Cambridge Institute of Technology
5	Expert from outside college, nominated by Vice-Chancellor	Member	VTU Nominee
6	Representative from Industry/corporate sector/ allied area relating to placement nominated by Academic Council	Member	Mr. Harish V, Senior Development Manager, Intuit
			Mr. Ravindra Prasanna, Director, Product Development, Symphony Teleca
7	Meritorious alumnus nominated by Principal	Member	Supriya S, Sony Corporation
8	Co-opted members		Dr. Ajit Chikkamannur, HOD-ISE, NHCE

MEMBERS PRESENT

Sl	Name	Designation	Phone No	E mail I D
1	Dr.Prashanth CSR	HOD CSE NHCE	9886692019	hod_cse@newhorizonindia.edu
2	Dr.S Balaji	Professor,Jain University	9886055095	drsbalaji@gmail.com
3	Dr.K Sathyanaraya Reddy	HODCambridge Institute	9986422972	<u>ksatyanreddy@yahoo.com</u>
4	Mr.Harish	Senior,Development Manager Intuit	9845047440	harishvenk@gamil.com
5	Mr.Ravinadra Prasanna	Director,Symphony Teleca	9845368631	Ravindra.narayanamurthy@symphonyteleca.com
6	Dr.Ajith A C	HOD ISE NHCE	9986043288	hod_cse@newhorizonindia.edu
7	Dr.N Guruprasad	Professor,CSE NHCE	9845470022	nguruprasad18@gmail.com
8	Ms.Beena B M	Sr.A.P CSE NHCE	9980203015	beena_nh@gmail.com
9	Ms.Suriya Refia Begum	Sr.A.P CSE NHCE	9880689956	<u>suriyabegumvtu@gmail.com</u>
10	Ms.Anjana Sharma	A.P CSE NHCE	9945106831	<u>Anjana.nhc@gmail.com</u>
11	Ms.Sheba Pari	A.P CSE NHCE	9480526218	shebapn@gmail.com

WELCOME ADDRESS BY THE CHAIRMAN OF THE BOS AND INTRODUCTION OF MEMBERS

Chairman Dr. Prasahanth CSR heartily welcomed all the esteemed members for the first BOS meet on Saturday July 11, 2015. The meeting was held in the chamber of Head – Department of CSE. He hoped that he would receive co-operation and guidance from all the distinguished members with high academic standing. Further Chairman requested all the members for self introduction. The department Vision & Mission were presented to the members with emphasize on further plan of action in Autonomous.

The objectives and the learning outcomes of all the courses were highlighted with introduction to the agenda of the day and then the platform was open for discussion and deliberation of the subjects.

**NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
1st BOARD OF STUDIES MEETING
AGENDA -1**

DISCUSSION AND APPROVAL OF 15CS13/23 PROGRAMMING IN C AND DATA STRUCTURES SYLLABUS

MINUTES:

After giving a brief overview of first year scheme and syllabus, introduction of Programming in C and Data Structures was given.” It further recommended addition of topics on ‘Introduction of Computers. ‘Flow Charts and ‘Types of Files’ in the respective modules. Use of Linux and Eclipse IDE was suggested for the lab. K & R and Cooper books were adopted as text book and reference book, respectively.

BOS members appreciated the transition from convention teaching learning to choice based Credit system. Highlights of the same were discussed:

- i) The students have more scope to enhance their skills and more scope of taking up projects and assignments, vocational training, including entrepreneurship.
- ii) The system improves the job opportunities of students.
- iii) The system will help in enabling potential employers assess the performance of students on a scientific scale.

With minor modifications the syllabus was approved. The focus will be on Outcome Based Evaluation. The Board authorized the Chairman to make minor changes.

AGENDA-2

DISCUSSION AND APPROVAL OF SUBJECTS FOR FIRST YEAR M.Tech CSE

MINUTES:

The scheme and syllabus was put forward across the table for discussion and deliberation. It was decided to go for 3 core courses, 2 electives and 1 mini project. Out of 2 electives – 1 should focus on global courses, wherein students from other departments will have an opportunity to take up this course. The focus will be on Outcome Based Evaluation as well as Project Based learning. It was also resolved to have a mini project for 3 credits. Finally BOS resolved to offer the following subjects:

M. Tech – CSE 1st Sem

- i) Advanced Operating System with lab
- ii) Artificial Intelligence (in place of Object Oriented Software Engineering)
- iii) Advanced Computer Networks & Security (along with Mini Project)
- iv) Specialization elective 1:
 - a. Object Oriented Software Engineering
 - b. Multi Core Architecture & Programming
 - c. Data Warehousing and Data Mining
 - d. Pattern Recognition and Image Processing
- v) Global elective - 1

M. Tech – CSE 2nd Sem

- i) Advanced Algorithms with lab
- ii) Cloud computing (along with Mini Project)
- iii) Big Data Analytics (in place of Network Security & Cryptography)
- iv) Specialization elective 2:
 - a. Human Computer Interaction
 - b. Middle Ware Technologies in Web and Mobile domain
 - c. Service Oriented Architecture
 - d. Parallel Algorithms
- v) Global elective - 2

The Board authorized the Chairman to make minor changes.

AGENDA –3

DISCUSSION AND APPROVAL OF SUBJECTS FOR FIRST YEAR M.Tech CNE

MINUTES:

The scheme and syllabus was put forward across the table for discussion and deliberation. It was decided to go for 3 core courses, 2 electives and 1 mini project. Out of 2 electives – 1 should focus on global courses, wherein students from other departments will have an opportunity to take up this course. The focus will be on Outcome Based Evaluation as well as Project Based learning. It was also resolved to have a mini project for 3 credits. Finally BOS resolved to offer the following subjects:

M. Tech – CNE 1st Sem

- i) Network Programming with lab
- ii) Cyber Security & Forensics (in place of Wireless ADHOC networks)
- iii) Advanced Computer Networks (along with Mini Project)
- iv) Specialization elective 1:
 - a. Protocol Engineering
 - b. Real Time Systems
 - c. Switching & Statistical Multiplexing
 - d. Business Intelligence
- v) Global elective - 1

M. Tech – CNE 2nd Sem

- i) Cellular Networks with lab

- ii) Information and Network Security
- iii) Storage Area Networks (along with Mini Project) – instead of Parallel Computer Architecture
- iv) Specialization elective 2:
 - a. Human Computer Interaction
 - b. Service Oriented Architecture
 - c. Grid Computing
 - d. Semantic Web
- v) Global elective - 2

The Board authorized the Chairman to make minor changes.

AGENDA –4

DISCUSSION AND APPROVAL OF SUBJECTS FOR FIRST YEAR M.Tech Software Engg

MINUTES:

The scheme and syllabus was put forward across the table for discussion and deliberation. It was decided to go for 3 core courses, 2 electives and 1 mini project. Out of 2 electives – 1 should focus on global courses, wherein students from other departments will have an opportunity to take up this course. The focus will be on Outcome Based Evaluation as well as Project Based learning. It was also resolved to have a mini project for 3 credits. Finally BOS resolved to offer the following subjects:

M. Tech – SE 1st Sem

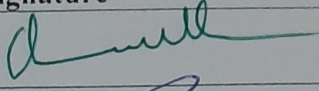
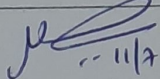
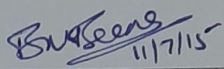
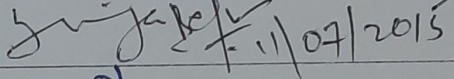
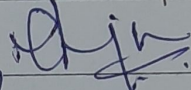
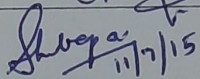
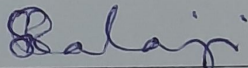
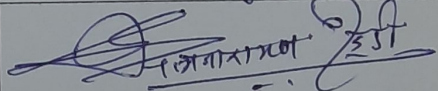
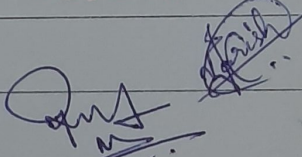
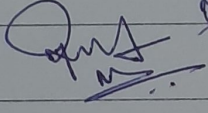

- i) Software Requirement Estimation and Engineering
- ii) Software Architecture & Design Patterns
- iii) Advanced Algorithms along with lab
- iv) Specialization elective 1:
 - a. Software Metrics & Quality Assurance
 - b. Storage Area Network
 - c. Information Network Security
 - d. Big Data Analytics
- v) Global elective – 1
- vi) Mini Project on Ajax Tool

M. Tech – SE 2nd Sem

- i) Software Verification & Validation
- ii) Software Project Management
- iii) Enterprise Application and Business Management along with lab
- iv) Specialization elective 2:
 - a. Software Reliability Engineering
 - b. Advances in Database Design
 - c. Information Retrieval
 - d. Cloud Computing
- vi) Global elective – 2
- vii) Mini Project on PM Tool

The Board authorized the Chairman to make minor changes.

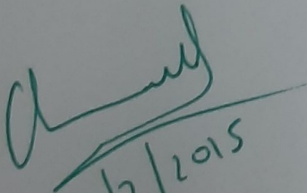
Name and Signatures of all the Attendees:

Sl	Name	Signature
1	Dr. Prashanth C.S.R	
2	Dr. Guru Prasad N, Professor	 11/7
3	Mrs. Beena B.M Sr. AP	 11/7/15
4	Mrs. Suriya Begum Sr. AP	 11/07/2015
5	Mrs. Anjana Sharma AP	
6	Mrs. Sheba Pari AP	 11/7/15
7	Dr. Balaji S, Professor at Center for Emerging Technologies, Jain University	
8	Dr. Satyanarayana Reddy, Professor and HOD of M.Tech CSE and M.Tech CNE, Cambridge Institute of Technology	
9	VTU Nominee	ABSENT
10	Mr. Harish V, Senior Development Manager, Intuit	
11	Mr. Ravindra Prasanna, Director, Product Development, Symphony Teleca	
12	Supriya S, Sony Corporation	ABSENT
13	Dr. Ajit Chikkamannur, HOD-ISE, NHCE	

VOTE OF THANKS BY THE CHAIRMAN-BOS

Dr. Prashanth Chairman- Board of Studies expressed his sincere thanks to all the members of the BoS for sparing their valuable time and being the driving force behind this whole process. Special thanks to all the external members who shared with us their knowledge and experiences. What is discussed & decided here will have direct implications.

By making teaching learning a rewarding experience and the interest and enthusiasm shown is indeed a good sign for the future.


11/7/2015