



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

DATE : 11/05/2019
VENUE : Dept. of ISE, NHCE
TIME : 10.00 am to 2.00pm

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AGENDA FOR THE MEETING

Agenda 1: Highlights of the Department-Introduction

Agenda 2: Scheme and Syllabus for 2018-2022 Batch – Discussion
Recommendation and Approval.

Agenda 3: CO , PO, Credit and RBT levels requirements and mapping
–Verification

Agenda 4: Refinement of 2017 – 18 Scheme and Syllabus

Agenda 5: Scheme & Syllabus Discussion, Recommendation and
Approval.

Agenda 6: Equivalence courses for change of Scheme.

Agenda 7: Innovative Ideas from Board Members

Agenda 8: List of Approved examiners for the Academic year 2018-19

Agenda 9: Approval for Digital Initiative



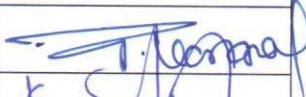










Agenda 10: Suggestion for Open Source Practices.

Agenda 11: Approved new Vision, Mission and PEOs of the ISE
department were disseminated.

LIST OF MEMBERS

Sl. No	Category	Nomination of the committee	Name of the person
1	Head of the Department	Chairperson	Dr. R.J. Anandhi
2	Faculty member at different level with different specialization	Member	
		1	Dr. S. Mohan Kumar
		2	Mrs. SwathiBasavaraju
		3	Mr. GangadharImmadi
		4	Mrs. M. ShobaShanmugam
3	Course/Subject expert from outside the college nominated by Academic Council	Member	
		1	Dr.Natarajan S Professor & Key Resource Person, PES University, Banglore
		2	Dr. Varaprasad. G Associate Professor, BMS college of Engineering, Banglore
4	Experts from outside the college nominated by Vice Chancellor	Member	
		1	Dr. Sundeep Kumar Professor & Head, Dept. of CSE, SEA Engineering College, Banglore
5	Representative from Industry / Corporate sector / allied area related to placements, nominated by Academic Council	Member	
		1	Mr. Deva P Seetharam CEO & CO-Founder, Dataglen Technologies Pvt., Ltd., Banglore.
		2	Mr. Mohan Kumar Practice Head- Wipro Limited, Banglore.
6	Post Graduate meritorious alumni nominated by Principal	Member	
		1	Mr. Ranjan Das Gupta Team Leader & Business Analyst, British Telecom, Banglore.
7	Co-opted members/ Placements	1	Mr. AnisMirza, TPO, NHCE, Banglore
		2	Mrs. C.P. Vandana, Sr. Asst Professor
8	Special Invities	1	Dr. Manjunatha, Principal, NHCE
		2	Dr. Prashanth CSR, Dean Academics, NHCE

LIST OF MEMBERS PRESENT

Sl. No.	Name	Signature
1	Dr. R.J. Anandhi	
2	Dr. Natarajan S	
3	Dr. Varaprasad. G	
4	Dr. Sundeep Kumar	
5	Mr. Deva P Seetharaman	
6	Mr. Mohan Kumar	
7	Dr. S Mohan Kumar	
8	Mrs. Swathi Basavaraju	
9	Mr. Gangadhar Immadi	
10	Ms. M. Shoba Shanmugam	
11	Ms.A. Rafega Beham	
12	Mr. Aniz Mirza	
13	Ms. Vandana C P	

WELCOME ADDRESS BY THE CHAIRMAN OF BOS AND INTRODUCTION OF MEMBERS

Minutes

Dr.R.JAnandhi, Chairperson of BOS, Professor & Head -Department of ISE welcomed the BOS Committee members.

The List of BOS Committee members present are:

Sl.No	Category	Name	Designation and Affiliation
01	External Members	1. Dr.Natarajan S	Professor & Key Resource Person, PES University, Bangalore
		2. Dr. Varaprasad. G	Associate Professor, BMS college of Engineering, Bangalore
		3. Dr. Sundeep Kumar	Professor & Head, Dept. of CSE, SEA Engineering College, Bangalore
		4. Mr. Deva P Seetharaman	CEO & CO-Founder, Dataglen Technologies Pvt., Ltd., Bangalore.
		5. Mr. Mohan Kumar	Practice Head- Wipro Limited, Bangalore.
02	Internal Members	Dr.S.MohanKumar	Associate Professor, Dept. of ISE,NHCE
		Mrs. SwathiBasavaraju	Sr. Asst Professor, Dept. of ISE, NHCE
		Mr. GangadharImmadi	Sr. Asst Professor, Dept. of ISE, NHCE
		Mrs. M. ShobaShanmugam	Sr. Asst Professor, Dept. of ISE, NHCE
		Mrs. RafegaBeham	Sr. Asst Professor, Dept. of ISE, NHCE

HOD presented the agenda of the Board of studies meeting and facilitated the copy of agenda to all the members. She introduced the Internal and External BOS members. BOS members were provided with proposed Scheme and syllabus book of UG& PG and stationery items required for effective discussion and conduction.

AGENDA -1

TITLE

Highlights of the Department-Introduction

Minutes

- 1 HoDstarted the presentation by highlighting the College accreditations details, NIRF ranking with members.
- 2 Salient features of the teaching learning process in Information Science and Engineering department like project oriented learning through mini project,20% of syllabus being covered by industry expert, training through center of excellence ,VMware lab were highlighted.
- 3 BOS members appreciated the achievements and initiatives taken by the department.

AGENDA -2

TITLE

Scheme and Syllabus for 2018-2022Batch (175 credits scheme) – Discussion Recommendation and Approval.

Minutes

Salient features as below were highlighted by the BOS chairman:

1. The scheme is framed in such a way to handle three career options for the information science and engineering students:
 - 1.Data science Engineer
 - 2.Networking Engineer
 - 3.Software developer
2. Increased credit weightage to Practical oriented learning.
3. Credit based MOOC Courses-NPTEL/SWAYAM.
4. Project based learning through Mini project in all semesters
5. Semester wise scheme was presented to the Board of studies, following are the suggestion and recommendations:-

3rd Semester:

- Dr.Natarajan recommended to retain self study component
- Mr.Deva suggested to implement Data structures using python or higher level language, but Mr.AnisMirza, proposed that Data structures with C can be retained as it is needed for placement.
- All the board members suggested to have OOPs with java instead of OOPS with C++.

4th Semester:

- Dr.Natarajan recommended that Discrete mathematics and Graph theory to be preferably taught by ISE faculty.
- Board members suggested to remove the course Programming in Java as the course was augmented with OOPS in 3rd semester.
- For DBMS course Dr.Varaprasad suggested to add NOSQL, for which the chairman said we have proposed it as an elective.
- Board Members appreciated the concept of Miniproject in each semester.

5th Semester:

- Board members suggested that Data Sciences using R can be done using Python and Data analytics course as an elective. Chairman said that it is already available in professional elective group 5.
- Mr.Mohan, Practice head- Wipro, strongly recommended to have lab for IoT course and also agreed to have industry interaction from WIPRO for the

same. BOS chairman extended her gratitude and said that department will follow up and sign a MOU for this technical knowledge.

- BOS members suggested the following corrections in the scheme;
IoT : from 5thsem to 4rdsem
OOPs: from 3rdsem to 4thsem
OS : from 4thsem to 5thsem
- It was suggested that Application Development course can be offered as elective instead of Core.

6th Semester:

- Application Development lab is redundant and can be offered to have as a mini project.
- For the course Data mining and Machine Learning, it was suggested to have data mining and keep only machine learning.
- Text books for machine learning should be changed to latest version and also syllabus has to be refined.
- For the course Computer networks Lab, it was suggested to write the code for creating simulation instead of simple drag and drop.

7th Semester:

- Board members suggested to remove Statistical lab with Excel

8th semester:

BOS chairman highlighted the tool usage in carrying out the Internship during semester and proposed to have it during summer breaks right from 4thsem and viva for the same will be in 8th sem.

Professional Elective:

- Streamwise clustering of electives was suggested
 - Recommended to keep cloud computing and Software Engineering as a core subject
 - The following courses were suggested to be removed from elective list committee agreed upon the same:
 1. FAFL
 2. ITC
 3. Compiler design
 - Information retrieval and Multimedia courses can be added for elective.
6. DrSundeep(VTU Representative) suggested that File Structures is must needed course and recommended to introduce it in 6th semester .Other committee members agreed for the same.

AGENDA -3

TITLE CO , PO, Credit and RBT levels requirements and mapping – Verification

Minutes

1. COs for each course is discussed and checked with RBT levels and assessment matrix.
 2. POs defined by considering Graduate attributes (defined by AICTE) is considered for verification of CO-PO mapping.
 3. Refining and incorporating all the suggestion and send it for approval(through e-mail)
-

AGENDA -4

TITLE Refinement of 2017 – 18 Scheme and Syllabus

Minutes

- 1 Board of Studies members initially discussed to remove Data Warehouse and Data mining subject ,but later after discussion it was decided not to change.
 - 2 Got approval for the following refinement of 2017-18 scheme and syllabus:-
 - Internship must be done during semester end breaks right from 4thsem and viva for the same will be in 8th sem.
-

AGENDA -5

TITLE Scheme & Syllabus -Discussion,Recommendation and Approval.

Minutes

1. Chairman Dr R J Anandhi proposed the scheme to the Boardmembers.
2. Board members suggested to look into set up for cyber security labs,Mr Mohan suggested to have collaboration with Wipro for lab set up for the course.

AGENDA -6
Minutes

TITLE

Equivalence courses for change of Scheme.

Proposed plan of ratification of course and course code as given below has been done and approved by the BOS members.

Batch 2015-19

- ISE81 Technical Seminar was removed from 8th semester.
- NHOPXX Open Elective was changed to Professional Elective with the following courses :

ISE811-Software Architecture and Design Patterns
ISE812-Android Application Development
ISE813-Management and Entrepreneurship
ISE814-Management Information Systems
ISE815-Software Quality Metrics

Batch 2016-20

- As per the suggestion of BOS members, File Structures (ISE64) was removed and that subject was replaced by Java & J2EE with the course code -ISE641.
- Java and J2EE was replaced by ISE551-FLAT.
- Mobile Application Development was introduced in the 6th semester.
- The following electives were included in 5th semester:
 - 1) ISE564-Cloud Computing.
 - 2) ISE565-Operational Research.

AGENDA -7

TITLE

Innovative Ideas from Board Members

Minutes

- 1 DrNatarajan recommended to have paper publication as a compulsory with respect to project work.
- 2 DrNatarajan suggested that assignments must be looked into in a better way so that students can improve and develop a new way of thinking to solve the problems.

- 3 DrVaraprasad suggested to make industry experts teach the whole course for a semester so that the students can improve their knowledge.
- 4 DrSundeeep recommended to have NSS activities in department every semester
- 5 Mr Mohan Suggested to make participation of students in Hackathon mandatory.
- 6 Mr Mohan gave an innovative idea to adopt “one teacher one semester” by the industry.
- 7 Mr Deva recommended to identify and inspire students to get into different projects, interns and use Github repository.

AGENDA -8

TITLE List of Approved examiners for the Academic year 2018-19

Minutes

1. List of the examiners was reviewed and approved by the committee members.

AGENDA -9

TITLE Approval for Digital Initiative

Minutes

- 1 Board members suggested to use Kahoot, Admodo for the conduction of online Quiz and Assignment.
- 2 Turnitin tool was recommended for Plagiarism check of project reports and internship reports for which the chairman responded that it is already in place and even mini project, self study and project report are being verified.

AGENDA -10

TITLE Suggestions for Open Source Practices

Minutes

- 1 Board members recommended to use Jupiter, Postgre SQL and Post JS for DBMS,
- 2 Raspberry Pi software was recommended instead of Contiki for IoT lab.

AGENDA -11

TITLE

Approved new Vision, Mission and PEOs of the ISE department were disseminated.




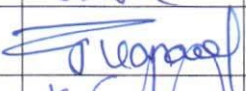
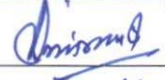
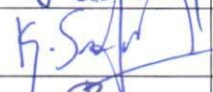
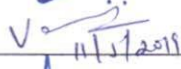

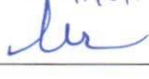

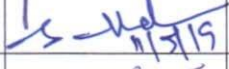

Minutes

1. Chairman Dr R J Anandhi displayed the proposed Vision, Mission and PEOs of the department.
2. Chairman discussed the process conducted for the refinement of Vision, Mission and PEOs which happened through the feedback from NBA and various stakeholders.
3. Board members reviewed the same and approved.

RECOMMENDATIONS OF THE BOARD

1. NASSCOM, SWAYAM, COURSEARA can also be provided for MOOC courses.
2. MOOC course platinum certificate should be encouraged.
3. Teaching-learning process (Notes, PPT, videos any other materials) by faculty which is available in library portal can also be updated in college website.
4. Students must be monitored during their internship period so as to ascertain the impact of internship is good.
5. Repository of mini projects must be maintained using Github.
6. Board Members recommended to use Jupiter, PostgreSQL and Post JS for DBMS.
7. _____

Name and Signatures of all the Attendees:

Sl. No.	Name	Signature	Sl. No.	Name	Signature
1	Dr. R. J. Anandhi		10	M.S. Shobha .	
2	Dr. S. Natarajan	S. Natarajan	11	A. Rajesha Behan	
3	DR. G. VARAPRASA		12	Mr. Anis Mirza	
4	Dr. K. Sundeeptkumar		13	Vandana C.P	
5	DEVA P. SEETHARAM		14	Ljagathar C.S	
6	Mr. Mohan Kumar		15		
7	Dr. S. Mohan Kumar		16		
8	R. Suresh		17		
9			18		

VOTE OF THANKS BY THE CHAIRMAN-BOS

BOS Chairman delivered Vote of thanks. BOS Chairman thanked each and every member for their contribution and completion of BOS Meeting successfully.