



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 : 29/07/2021
VENUE : Dept. of ISE, NHCE
TIME : 11.30 am to 2.00pm

Chandhi
6/8/21

Dr. R J Chandhi
Professor & Head of the Department
Department of Information Science and Engineering
New Horizon College of Engineering
Bengaluru - 560 103.

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AGENDA FOR THE MEETING

Agenda 1: Introduction & Achievements for AY 2020 – 21.

Agenda 2: Status update on suggestions given by BOS members during 2019 – 20.

Agenda 3: B.E - Scheme and Syllabus for 7th & 8th semester of 2018-2022 Batch
- Detailed Discussion and Approval

Agenda 4: Revision of B.E 5th & 6th semester of 2019 – 23 Batch -Discussion
and approval.

Agenda 5: Revision of 3rd & 4th semester of 2020 – 24 Batch -Discussion and
approval .

Agenda 6: Discussion & Approval of Evaluation metrics for Mini projects.

Agenda 7: M.Tech in Cyber Forensics and Information Security [1,2,3,4
semesters] – Scheme and Syllabus for 2021-2023 Batch – Discussion and
approval .

Agenda 8: CO, PO, Credit and RBT levels requirements and mapping –
Verification & Approval.

Agenda 9: Innovative Ideas from Board Members.

Agenda 10:Feedback Analysis and Action Plan.

Agenda 11: Concluding Remarks .

LIST OF MEMBERS

S. No	Category	Nomination of the committee	Name of the person	Designation & Affiliation
1	Head of the Department	Chairperson	Dr. R J Anandhi	Professor & HOD, Dept. of ISE
2	Special Invitees	1	Dr. Manjunatha	Principal, NHCE
		2	Dr. Amarjeet Singh	Dean Academics, NHCE
3	Faculty member at different level with different specialization	Member		
		1	Dr. K Saravanan	Professor, Dept. of ISE, NHCE, Bangalore
		2	Dr. Arvind Kapse	Professor, Dept. of ISE, NHCE, Bangalore
		3	Dr. P Mangayarkarasi	Associate Professor, Dept. of ISE, NHCE, Bangalore
		4	Dr. Kalaivani D	Associate Professor, Dept. of ISE, NHCE, Bangalore
		5	Mrs. Swathi Basavaraju	Sr. Assistant Professor, Dept. of ISE, NHCE, Bangalore
		6	Mr. Gangadhar Immadi	Sr. Assistant Professor, Dept. of ISE, NHCE, Bangalore
		7	Mrs. Shobha	Sr. Assistant Professor, Dept. of ISE, NHCE, Bangalore
4	Subject expert from outside the college nominated by Academic Council	Member		
		1	Dr. Natarajan S Professor and Key Resource Person PES University, Bengaluru	Academic Technical Expert
2	Dr. Varaprasad G Associate Professor, BMS College of			

			Engineering, Bengaluru	
5	Experts from outside the college nominated by VTU	Member		
		1	Dr Nalini, Professor, Dept. of CSE, Nitte Meenakshi Institute of Technology, Bengaluru	VTU Nominee
6	Representative from Industry / Corporate sector / allied area related to placements, nominated by Academic Council	Member		
		1	Mr. Deva P. Seetharam, Co-Founder & Entrepreneur, Dataglen Technologies Pvt. Ltd., Bengaluru	Industry Technical Expert
		2	Mr. Sachin kumar R S Regional Program Manager, IT Academy, Asia-Pacific & Japan, VMware , Bengaluru	
7	Post Graduate meritorious alumni nominated by Principal	Member		
		1	Mrs. Sannutha S Holla, Technical project Management, Analytics & AI, Intel	Alumnus
		2	Mr. Venkat Surendra, Consultant , Deloitte consulting.	
3	Ms. Pavitra Nagendrappa, Colleague Support Engineer, VMware.			
8	Co-opted	Member		
		1	Mr. AnizMizra,	

members		TPO, NHCE, Bangalore	Placement
	2	Mrs. Vandana C P, Sr. Assistant Professor Dept. of ISE, NHCE	
	3	Mr. L. Srinivasan Sr. Assistant Professor Dept. of ISE, NHCE	Academic & Research expertise
	4	Dr.R Senthilkumar , Associate Professor, Dept. of ISE, NHCE.	
	5	Dr.Subhashini, Associate Professor, Dept. of ISE, NHCE.	

WELCOME ADDRESS BY THE CHAIRMAN OF BOS AND INTRODUCTION OF MEMBERS

Minutes

The **BOARD OF STUDIES (2021 - 22)** meeting was held on 29/07/2021 in online mode using Google Meet with all internal members (in person) and External members (online).

Dr.R.J Anandhi, Chairperson of BOS, Professor & Head -Department of ISE welcomed the BOS Committee members. BOS chairperson specially welcomed the new members of the board Mrs. Sannutha S Holla, Technical project Management, Analytics & AI, Intel, Mr. Venkat Surendra, Consultant , Deloitte consulting, Ms. Pavitra Nagendrappa, Colleague Support Engineer, VMware(Graduate meritorious alumni nominated by Principal).

Dr. Amarjeet Singh addressed the gathering and congratulated the growth of the department in academic and research activities.

HOD presented the agenda of the Board of studies meeting to the members. She introduced the Internal and External BOS members. The Scheme and syllabus was already shared via email to all the board members for effective discussion and conduction.

AGENDA - 1

TITLE Introduction & Achievements for AY 2020 – 21

Minutes

- 1 HOD initiated the presentation by highlighting the College accreditations details, (NBA Accreditation in tier 1 with four departments scoring above 700 and College name reflecting in Washington Accord website)
 - 2 Student achievements in events like TOYCATHON-2021, IEEE GPREC HACKATHON-2020, Vishwakarma Awards, KSCST student project programme, Placements, Student Project Proposals, Students Paper publications etc., were highlighted and presented to the board members.
 - 3 The BOS chairperson presented the faculty achievements like AICTE grants, Research Proposals (VGST, AICTE, STTP), Patents, Paper publications, Books publications, NPTEL Discipline stars and motivational Learners etc., to the panel.
 - 4 BOS members appreciated the achievements and initiatives taken by the department.
-

AGENDA - 2

TITLE Status update on suggestions given by BOS members during 2019 – 20

Minutes

1. Bos Chairperson highlighted the changes incorporated based on the recommendations of previous meeting.
2. The online tools like Kahoot, Mentimeter, Mural were used for various assessment like in online classes, Club activities, and Quizzes and assignments.
3. All the syllabus were updated with the recent textbooks, reference books and web resources.
4. Committee appreciated the BoS team for implementing all the suggestions given in previous meeting and for the usage of Jupyter notebook and colab in machine learning labs.

AGENDA - 3

TITLE

B.E - Scheme and Syllabus for 7th & 8th semester of 2018-2022
Batch – Detailed Discussion and Approval

Minutes

1. HoD presented the scheme and syllabus for 7th and 8th semester of the upcoming batch .
 2. Dr Natarajan recommended to change James F.Kurose and Keith W.Ross, "Computer Networking" book as the first text book instead of having it as a reference book for the course Computer Networks.
 3. Mr Deva P Seetharam advised to use Dough Comer "Internetworking with TCP/IP" text book which will be easy for students for understanding the concepts. Dr varaprasad G agreed with it.
 4. Dr. Varaprasad enquired about the process of internship and how the students who haven't got internship being handled. HoD informed that current batch don't have difficulty , as we have the practicing of doing internship from 4th semester, hence the pandemic did not have an impact on this batch . Dr nalini suggested, however any such cases will be handled by giving Industry oriented NPTEL –SWAYAM courses or self study component .
 5. Mr.Deva P Seetharam pointed out that in final year scheme and syllabus Blockchain concepts are not covered ,HoD informed that Blockchain is already available as an open elective course for the students.
 6. The BoS chairperson discussed about the five different Domain specific tracks in the curriculum.
 7. The scheme and syllabus were approved by the board members with minor changes
-

AGENDA - 4

TITLE

Revision of B.E 5th & 6th semester of 2019 – 23 Batch –
Discussion and approval

Minutes

1. Feedback on the course content was collected from the course coordinators of 5th and 6th semester as given in ANNEXURE-I. Based on their recommendations and suggestions the syllabus were modified for few courses and were presented to the board members for approval.
2. As per the course coordinators suggestion only theory for Web Internet Programming and Mobile Application Development was not enough, thereby WIP and MAD Lab is introduced in the 5th and 6th semester respectively .
3. The syllabus of Software Engineering & Project Management was refined according to the course coordinators feedback and same was approved by the members of BOS
4. Overall Percentage of change in the syllabus is summarized and available in ANNEXURE-II.

AGENDA - 5

TITLE

Revision of 3rd & 4th semester of 2020 – 24 Batch –Discussion
and approval

Minutes

1. Refinement of textbooks according to the latest version was done for all the courses.
2. Course Outcomes were verified and CO-PO mapping was also ratified.
3. Feedback on the course content was collected from the course coordinators of 3rd and 4th semester as given in ANNEXURE-III. Based on their recommendations and suggestions the content of the syllabus were modified for few courses and presented to the board members and got approval.
4. Overall Percentage of change in the syllabus is summarized and available in ANNEXURE-II.

AGENDA - 6

Discussion & Approval of Evaluation metrics for Mini projects

TITLE

Minutes

1. BoS chairperson presented the new evaluation metrics giving weightage to the following parameters for mini project evaluation:-
 - Paper Publication
 - Project Exhibition
 - Coding Competition
 - Hackathons
 - Submitting proposals for grants & awards
 - Approved Virtual Internships

All the committee members, in particular Dr Natarajan and Dr Varaprasad welcomed the idea and felt this activity will bring quality in mini projects.

2. Dr.Natarajan and Dr Varaprasad advised that evaluation metrics must be framed and followed very efficiently for quality evaluation of the students.
3. Dr R J Anandhi informed the BoS members that based on Mr Deva suggestion in the last BoS meeting all mini projects were uploaded in GitHub.
4. The recommended evaluation metrics for mini project was approved by BoS members.

AGENDA - 7

M.Tech in Cyber Forensics and Information Security [1,2,3,4 semesters] – Scheme and Syllabus for 2021-2023 Batch –

TITLE

Minutes

1. The scheme and syllabus of M.Tech in Cyber Forensics and Information Security was presented without any changes. The Bos chairperson indicated that there is no proposed changes, as only two batches (9 students) have studied this syllabus.

2. The BoS members looked into the textbooks and felt no changes required in the syllabus and textbooks also.

AGENDA - 8

TITLE

CO , PO, Credit and RBT levels requirements and mapping –
Verification & Approval

1. CO statements for all the courses were verified using bloom's taxonomy.
2. CO-PO mapping was done by using scientific formulae and the same was discussed in the meeting which was approved by the board members.
3. Dr. Varaprasad suggested saying that CO's is to be framed with respect to the complete syllabus and not module wise ,as it will be difficult for calculation of attainment .
4. Committee members discussed about the reduction in credits for technical education to 160 credits as per the new NEP policy ,BoS chairperson agreed to that and confirmed that we have to plan our upcoming scheme and syllabus framing accordingly (reduce 175 credits to 160 credits) when NEP policy is implemented in the college.
5. After discussion the CO's,CO-PO were accepted.

AGENDA - 9

TITLE

Innovative Ideas and Suggestions from Board Members

1. The BoS chairperson Dr R J Anandhi invited the members to present their suggestions and innovative ideas .
2. The BoS chairperson shared and discussed about the five different Domain specific tracks in our curriculum. Dr Natarajan and Dr Varaprasad suggested that all the electives need to be categorized into four streams instead of five..
3. Mr.Deva P Seetharam suggested the students must not be restricted only to the text books beyond that they have to be encouraged to refer various research papers, online tutorials etc.,

4. Dr Natarajan suggested to include research papers as study materials along with text books, reference book and web resources .
5. Dr Varaprasad added to Dr Natarajan point and advised to make paper publications mandatory,Hod informed that it is already in practice for final year project and marks are also allotted for that.
6. Mr Deva P Seetharam recommended to encourage students to use open source softwares for their project works and also put their works in Github,BoS chairperson informed that this practice is already followed and students upload their mini projects,internship,main projects and all other works in Github.
7. BoS chairperson discussed about the VMware NALANDA program which empowers the girls students. Among 71 students who were trained ,Ten girl students were proposed for paid internship through the program.This was appreciated and applauded by the members of BoS .
8. Dr Natarajan in general expressed that the evaluation pattern can be relooked based on the upcoming NEP policy.
9. Mrs. Sannutha S Holla recommended to include business intelligence in the syllabus as an elective as it is currently boon in IT field.
10. Dr. Varaprasad suggested saying that CO's is to be framed with respect to the complete syllabus not module wise ,else it will be difficult for attainment of the CO's.
11. Mrs. Sannutha S Holla suggested to classify the project teams based on the methodology being used by the students, like SRUM team,Waterfall team etc. Dr Natarajan appreciated the idea given by Mrs Sannutha and informed that in their college they started to practice the same.
12. Dr Nalini suggested to give Industry oriented NPTEL –SWAYAM courses or self study component with proper syllabus as an alternate to internship during thepandemic period.
13. Mr. Aniz Mizra, expressed his happiness to be collaborated with ISE department as a BoS member.He said that the scheme and syllabus is in synchronization with companies requirements.

AGENDA - 10

TITLE

Feedback Analysis and Action Plan.

1. Based on the students feedback, virtual industrial interaction will be organized .
2. Based on alumni feedback, it was recommend to have project based learning is each semesters. Thereby every semester students undergo mini projects based on the methodology being used by the students, like SRUM team,Waterfall team etc.
3. emerging technologies which will be beneficial to students while attending placements.
4. According the employers survey recommendation students must be encouraged to participate in various Hackathon, Project exhibitions, Technical contests and other academic related events and the same can be considered during assessment.
5. As per the analysis done by the course coordinator ,track wise curriculum with various courses must be framed from the initial semesters which was also one of the point in the BoS discussion.
6. Self study topics beyond syllabus should be extracted from research based papers and circulated among students.

AGENDA - 11

TITLE

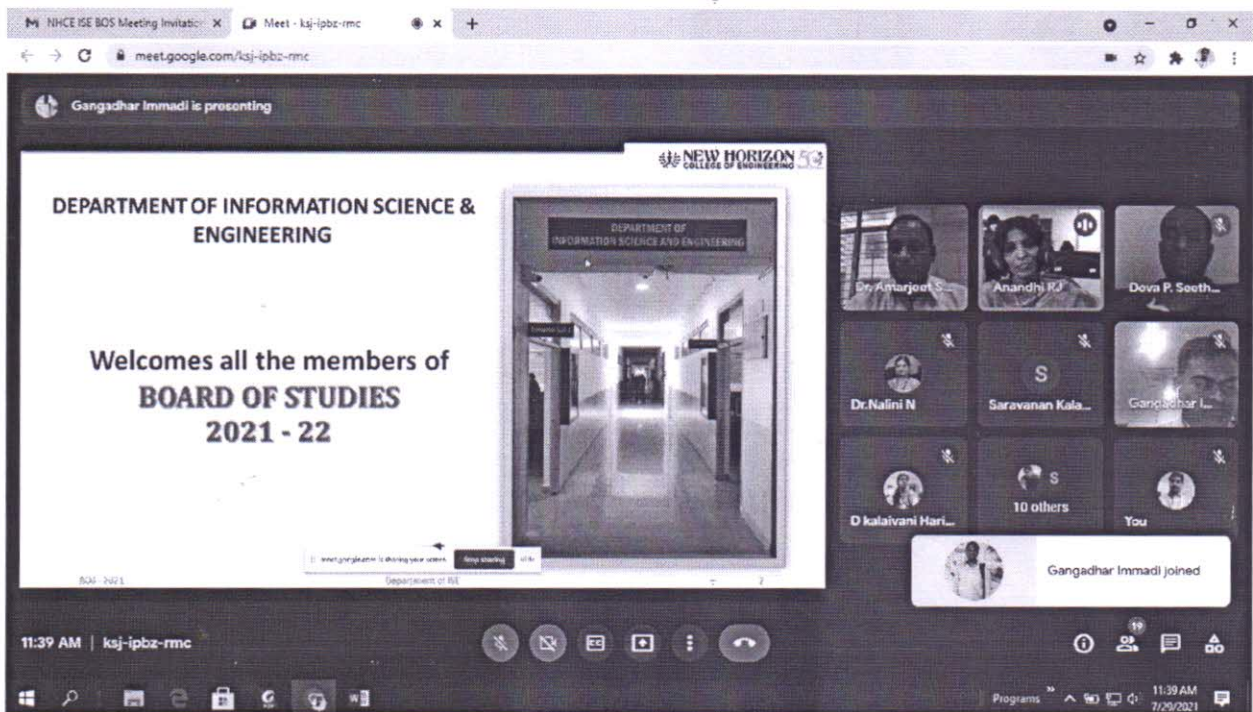
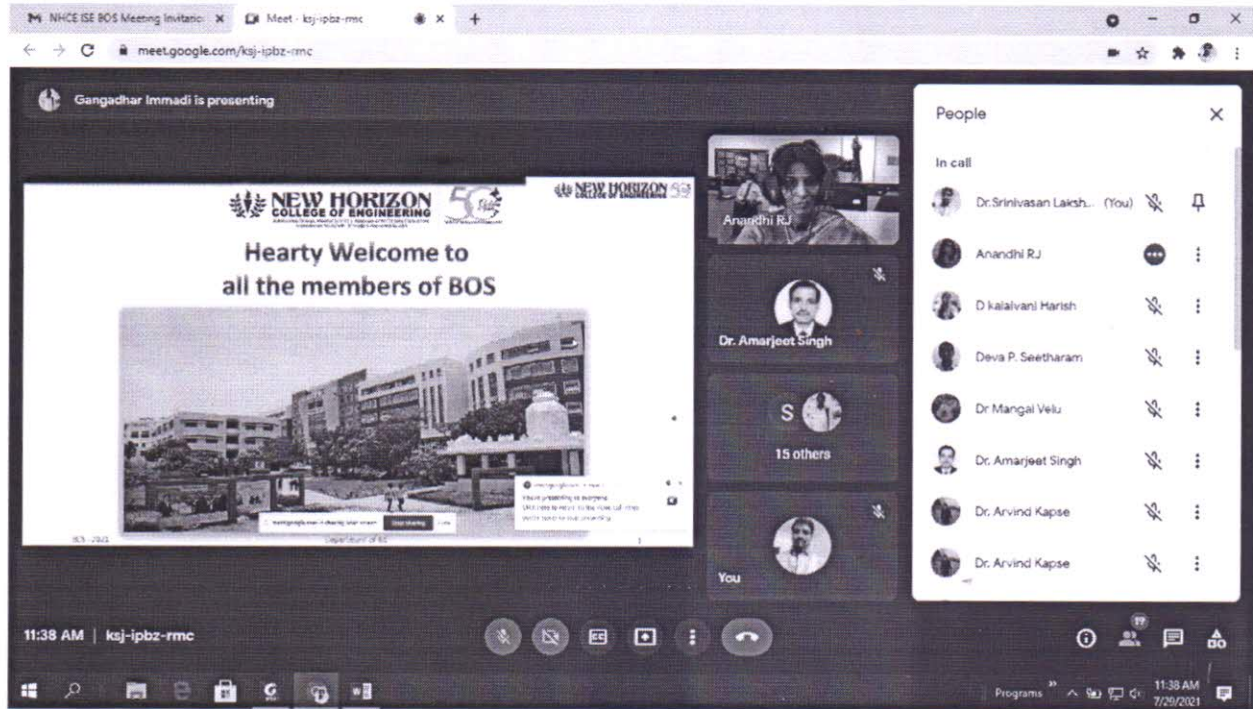
Concluding Remarks

1. Dr R J Anandhi invited Dr. Amarjeet Singh for giving concluding remarks .
2. Dr. Amarjeet Singh expressed his happiness on seeing the dedication and sincerity in contribution to the curriculum design and also appreciated the team work of the department .
3. Dr. Amarjeet Singh promised that the proposed recommendations will be considered in the forth-coming academic year.

VOTE OF THANKS BY THE CHAIRMAN-BOS

BOS Chairman delivered Vote of Thanks and appreciated each and every members of the board for their contribution and valuable suggestions provided.

ANNEXURE IV-Screenshots



Meeting interface showing a slide titled "BOS Members".

Category	Name of the person	Designation & Affiliation
1	Head of the Department Dr. R J Anandhi	Chairperson, BOS Professor & HOD, Dept. of ISE
2	Subject expert from outside the college nominated by Academic Council Dr. Natarajan S Professor and Key Resource Person, PES University, Bengaluru Dr. Varaprasad G Professor, BMS College of Engineering, Bengaluru	Academic Technical Expert
3	Experts from outside the college nominated by VTU Dr. Nalini Professor, Dept. of CSE, Nitte Meenakshi Institute of Technology, Bengaluru Mr. Deva P. Seetharam Co-Founder & Entrepreneur, Detagim Technologies Pvt. Ltd., Bengaluru	VTU Nominee Industry Technical Expert
4	Representative from Industry/ Corporate sector/ allied area related to placements, nominated by Academic Council Mr. Sachin kumar R S Regional Program Manager, IT Academy, Asia-Pacific & Japan, VMware, Bengaluru	

Meeting controls at the bottom show the time as 11:39 AM and the meeting ID as ksj-ipbz-rmc.

Meeting interface showing a slide titled "AGENDA".

Item	Description
1	Introduction & Achievements for AY 2020 – 21
2	Status update on suggestions given by BOS members during 2019 – 20
3	B.E - Scheme and Syllabus for 7 th & 8 th semester of 2018-2022 Batch – Detailed Discussion and Approval
4	Revision of B.E 5 th & 6 th semester of 2019 – 23 Batch – Discussion and approval
5	Revision of 3 rd & 4 th semester of 2020 – 24 Batch – Discussion and approval
6	Discussion & Approval of Evaluation metrics for Mini projects
7	M.Tech in Cyber Forensics and Information Security [1,2,3,4 semesters] – Scheme and Syllabus for 2021-2023 Batch – Discussion and approval
8	CO , PO, Credit and RBT levels requirements and mapping – Verification & Approval
9	Innovative Ideas from Board Members.
10	Concluding Remarks

Meeting controls at the bottom show the time as 11:44 AM and the meeting ID as ksj-ipbz-rmc.

Browser tabs: NHCE ISE BOS Meeting Invitatio... Meet - ksj-ipbz-rmc

Address bar: meet.google.com/ksj-ipbz-rmc

Gangadhar Immadi is presenting

TOYCATHON 2021 WINNERS

PROJECT NAME: VIRTUAL HERITAGE TRAIN BHARATH KI SAVARI

Team Members: Yashvino K, Anandhi R J, Prashanthan, Jagan Lakshay

TECHNIQUE: VISIONARIES

Department of Information Science & Engineering

ATMAKRISHNA BHARAT ABHYASAAN, UNIVERSITY OF INDIA

PROJECT NAME: TRAVEL INDIA

Team Members: Surya S, Suresh S P, Tushant Kumar P

TECHNIQUE: GEEKY BOYZ

Department of Information Science & Engineering

ATMAKRISHNA BHARAT ABHYASAAN, UNIVERSITY OF INDIA

People

In call

- Dr.Srinivasan Laksh... (You)
- Anandhi R J
- D kalaivani Harish
- Deva P. Seetharam
- Dr Mangal Velu
- Dr. Amarjeet Singh
- Dr. Arvind Kapsee
- Dr.Nalini N

11:52 AM | ksj-ipbz-rmc

Browser tabs: NHCE ISE BOS Meeting Invitatio... Meet - ksj-ipbz-rmc

Address bar: meet.google.com/ksj-ipbz-rmc

Gangadhar Immadi is presenting

NEW HORIZON COLLEGE OF ENGINEERING

INFORMATION SCIENCE AND ENGINEERING

Congratulatory Certificate

Position	Name	Project	Project Description
1 st Runner Up	Yashvino K	Virtual Heritage Train Bharath Ki Savari	Project Name: VIRTUAL HERITAGE TRAIN BHARATH KI SAVARI
2 nd Runner Up	Anandhi R J	Travel India	Project Name: TRAVEL INDIA
3 rd Runner Up	Prashanthan	Geeky Boys	Project Name: GEEKY BOYZ
4 th Runner Up	Jagan Lakshay	Heritage Train	Project Name: VIRTUAL HERITAGE TRAIN BHARATH KI SAVARI

IEEE Hackathon Events - 2020

People

In call

- Dr.Srinivasan Laksh... (You)
- Anandhi R J
- D kalaivani Harish
- Deva P. Seetharam
- Dr Mangal Velu
- Dr. Amarjeet Singh
- Dr. Arvind Kapsee
- Dr.Nalini N

11:52 AM | ksj-ipbz-rmc

Meeting ID: ksj-ipbz-rmc

Gangadhar Immadi is presenting

NPTEL LOCAL CHAPTER

Course No.	Project	Gold	Elite	New	Revised	Participate	Score	NPTEL Rank
Jul-Dec 2020	43%	17	113	15	178	272	25	Global
Jul-Dec 2019	43%	21	187	119	227	374	19	Global

COURSERA CAMPUS PROGRAMME

Enrollments in 11,118 +154 enrollments in the new batch	Learning Hours in 21,932 +284 hours in the new batch	Lessons Taken in 35,094 +991 lessons taken in the new batch	Average Course Rating in 4.7 / 5 +0.04 rating feedback, 100% positive feedback
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11:59 AM | ksj-ipbz-rmc

People

In call

- Dr.Srinivasan Laksh... (You)
- Anandhi RJ
- D kalaivani Harish
- Deva P. Seetharam
- Dr Mangal Velu
- Dr. Amarjeet Singh
- Dr. Arvind Kapse
- Dr.Nalini N

Meeting ID: ksj-ipbz-rmc

Gangadhar Immadi is presenting

PROPOSED SCHEME and SYLLABUS
175 CREDIT SCHEME
B.E 7th & 8th SEMESTERS
BATCH: 2018-22

12:03 PM | ksj-ipbz-rmc

People

In call

- Dr.Srinivasan Laksh... (You)
- Anandhi RJ
- D kalaivani Harish
- Deva P. Seetharam
- Dr Mangal Velu
- Dr. Amarjeet Singh
- Dr. Arvind Kapse
- Dr.Nalini N

NHCE ISE BOS Meeting Invitation Meet - ksj-ipbz-rmc meet.google.com/ksj-ipbz-rmc

Gangadhar Immadi is presenting

Seventh Semester B.E. Program-Scheme AY: 2021-22

Sl. No.	Course Code	Course Name	ISE	Credit Distribution			Overall Credits	Contact Hours	Marks		
				L	T	P			CIE	SEE	TOTAL
1.	21ISE71	Software Testing & Automation	ISE	3	0	0	3	3	50	50	100
2.	21ISE72	Computer Networks	ISE	3	0	0	3	3	50	50	100
3.	21ISE73	Cryptography and Information Security	ISE	3	0	0	3	3	50	50	100
4.	21ISE74X	Professional Elective -4	ISE	3	0	0	3	3	50	50	100
5.	21ISE75X	Professional Elective -5	ISE	3	0	0	3	3	50	50	100
6.	20NHOP9X	Open Elective -2	COE's	3	0	0	3	3	50	50	100
7.	21ISL76	Software Testing & Automation Lab	ISE	0	0	1.5	1.5	3	25	25	50
8.	21ISL77	Computer Networks Lab	ISE	0	0	1.5	1.5	3	25	25	50
9.	21ISE78	Project Phase-1	ISE	0	0	3	3	4	50	50	50
Total						24	28	400	400	800	

12:04 PM | ksj-ipbz-rmc

People

In call

- Dr.Srinivasan Laksh... (You)
- Anandhi RJ
- D.kalaivani Harish
- Deva P. Seetharam
- Dr.Mangai Velu
- Dr. Amarjeet Singh
- Dr. Arvind Kapse
- Dr.Nalini N

NHCE ISE BOS Meeting Invitation Meet - ksj-ipbz-rmc meet.google.com/ksj-ipbz-rmc

Gangadhar Immadi is presenting

5 cards, Mobile phone security, Electronic passports and ID cards, SD/ADDA/CDA Bank Cards, Financial Cryptography, Secure Payment Systems

TEXT BOOKS:

1. W. Stallings, "Cryptography and Network Security: Principles and Practice", 7th Ed. Pearson Publishers, 2017. (ISBN No.: 978-0-13-44446-11).

REFERENCE BOOKS:

1. J. H. Silvestman, "A Friendly Introduction to Number Theory", 4th Ed. Boston: Pearson, 2012. (ISBN No.: 978-0-321-81619-1).
2. D. R. Stinson, "Cryptography: Theory and Practice", 3rd Ed. Boca Raton, FL: Chapman & Hall/CRC, 2005. (ISBN No.: 978-1-58-488505-5)
3. C. Kaufman, R. Perlman, and M. Specinger, "Network Security: Private Communication in a Public World", 2nd Ed. United States: Prentice Hall PTR, 2002. (ISBN No.: 978-0-13-046019-0)

CIE- Continuous Internal Evaluation (50 Marks)

12:14 PM | ksj-ipbz-rmc

People

In call

- Dr.Srinivasan Laksh... (You)
- Anandhi RJ
- D.kalaivani Harish
- Deva P. Seetharam
- Dr.Mangai Velu
- Dr. Amarjeet Singh
- Dr. Arvind Kapse
- Dr.Nalini N

Meeting ID: ksaj-tpbz-rmc

Gangadhar Immadi is presenting

Sl. No.	Course Code	Course Name	BOS	Credit Distribution			Overall Credits	Contact Hours	Marks		
				L	T	P			CIE	SEE	TOTAL
1.	21ISE51	Web Internet Programming	ISE	3	0	0	3	3	50	50	100
2.	21ISE52	Design and Analysis of Algorithms	ISE	3	0	0	3	3	50	50	100
3.	21ISE53	Data Science	ISE	3	0	0	3	3	50	50	100
4.	21ISE54	Software Engineering & Project Management	ISE	3	0	0	3	3	50	50	100
5.	21ISE55X	Professional Elective-1	ISE	3	0	0	3	3	50	50	100
6.	21ISE56	Design and Analysis of Algorithms Lab	ISE	0	0	1.5	1.5	2	25	25	50
7.	21ISE57	Data Science Lab	ISE	0	0	1.5	1.5	3	25	25	50
8.	21ISE58	We Internet Programming Lab	ISE	0	0	1	1	3	25	25	50
9.	21ISE59	Mini Project	ISE	-	-	2	2	4	25	25	50
Total						22	31	350	350	700	

12:19 PM | ksaj-tpbz-rmc

Meeting ID: ksaj-tpbz-rmc

People

In call

- Dr.Srinivasan Laksh... (You)
- Anandhi RJ
- D kalaivani Harish
- Deva P. Seetharam
- Dr Mangal Velu
- Dr. Amarjeet Singh
- Dr. Arvind Kapse
- Dr.Nalini N

12:24 PM | ksaj-tpbz-rmc

Meeting URL: meet.google.com/ksj-ipbz-rmc

Gangadhar Immadi is presenting

DOMAIN SPECIFIC TEACHING LEARNING CURRICULUM- (Track 4 :Higher Studies)

- 3rd Sem:
 - Data Structures using C, Data Structure Using C Lab
 - Computer Organisation
 - Digital Logic Design, Digital Logic Design Lab
- 4th Sem:
 - DBMS, DBMS Lab
 - OS, OS Lab
 - OOPS with Java, OOPS with Java Lab
- 5th Sem:
 - Software Engineering
 - ADA, ADA Lab
 - Automata theory and formal language (Professional Elective - 1)
- 6th Sem:
 - CN, CN Lab
 - Pds structures
 - Compiler Design (Professional Elective - 2)
 - Computer Graphics using OpenGL (Professional Elective - 3)
- 7th Sem:
 - Cloud Computing
 - Software Testing & Automation, Software Testing & Automation Lab
 - Information Theory & Coding (Professional Elective - 4)
 - Robotics (Professional Elective - 5)
- 8th Sem:
 - Management & Entrepreneurship (Professional Elective - 6)
 - Storage Area networks (Professional Elective - 7)

12:27 PM | ksj-ipbz-rmc

Meeting URL: meet.google.com/ksj-ipbz-rmc

Gangadhar Immadi is presenting

Mini Project Evaluation Metrics

- Paper Publication
- Project Exhibition
- Coding Competition
- Hackathons
- Submitting proposals for grants & awards
- Approved Virtual Internships

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NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College, Affiliated to VTU | Approved by AICTE New Delhi & UGC
Accredited by NAAC with 'A' Grade & Accredited by NBA



DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING COURSE FEEDBACK FROM FACULTY

NOTE: Faculty who handled the subject in the AY:2019-20 and AY:2020-21 or before with different course code

Sl.No	Course Code	Course Name	Faculty Name	Feedback Remarks			
				Any Changes in course content	Reason for change	Any change in books/Editions	Course need to be continued/dropped with reason
1	20ISE51	Web Internet Programming	Mrs. K M Bilvika Mrs.Swathi B Mrs. Gowri Prasad	Lab can be included	As it is a programming subject hands on experience is inevitable for better concept clarity		Suggested To be continued
2	20ISE52	Design and Analysis of Algorithms	Dr.Saravanan K Mrs. Divya K V Gowri Prasad	Nil	Nil	Nil	suggested to continue since it is one of the subjects from which fundamental algorithms can be learned
3	20ISE53	Data Science	Mr.Gangadhar Immadi Mr.Gautam K	probability distributions & confidence Interval can be minimized	difficult to cover intime		Needs to continued as it is a core subject
4	20ISE54	Mobile Application Development	Dr.Saravanan K Mrs. Divya K V	Mobile app publication details can be included	Nil	Nil	suggested to continue since the students are knowing about mobile app development
5	20ISE552	Internet of Things	Dr.Srinivasan L Mrs. Jessica Prathyusha	YES	1.Module-5 Syllabi had to be changed since implementing IOT Applications is time consuming 2.Module-5 canbe replaced with simple exercises 3.IOT Lab should be attached for upcoming semester	No	Continued
6	20ISL56	Design and Analysis of Algorithms Lab	Dr.Saravanan K Mrs. Divya K V Gowri Prasad	Nil	Nil	Nil	suggested to continue since it is one of the subjects from which fundamental algorithms can be learned

7	20ISL57	Data Science Lab	Mr.Gangadhar Immadi Mr.Gautam K	program descriptions to be redefined	Nil	Nil	Needs to be continued
8	20ISL58	Mobile Application Development Lab	Dr.Saravanan K Mrs. Divya K V	Nil	Nil	Nil	suggested to continue since the students are knowing about mobile app development
9	20ISE59	Mini Project	Mr.Gangadhar Immadi Dr.Srinivasan L Mrs. Rafega Beham A				
10	20ISE61	Software Engineering & Project	Dr.Mangayarkarasi P Mrs. Divya K	NO	NIL	NIL	
11	20ISE62	Advanced Java	Mrs.Vandana C P Mrs.Swathi B	Last module , few topics can be removed	Advanced Spring concepts	Advanced Spring concepts	Needs to be continued
12	20ISE63	Machine Learning	Mr.Gangadhar Immadi Mrs. Gowri Prasad	1) Module I - Regularization & Gradient descent can be added as content is very less. Looks like generic 2) Need to be better organized	Text books can be added	Text books can be added	Needs to be continued
13	20ISE641	Data Visualization	Mr.Gautam K S Mr.Gangadhar Immadi	need to align with textbook	new textbook to added	new textbook to added	
14	20ISE643	Object Oriented Modeling & Design	Mrs. Lohitha M Dr.Aravind Mrs. Divya K	No	No	No	Need to be continued.
15	20ISE651	User Interface Design	Dr.Kalaivani D Mrs. Vandana C P	No	No	No	Need to be continued.
16	20ISE652	Virtual Reality	Dr.Saravanan K	Nil	Nil	Nil	suggested to continue since Virtual Reality is one of the latest and upcoming technology what the students have to familiar about

17	NHOP02	Virtualization essential with Vmware-1	Mrs. Swathi B Mrs. Shobha S Mrs. K M Bilvika Mrs D Jessica prathyusha	1) few topics in syllabus needs to be modified 2) Syllabus can be reframed according to the lab hands on sessions taken	Repetition of experiments can be modified	Suggested to continue
18	NHOP05	Virtualization essential with Vmware-2	Mrs. Swathi B Mrs. Shobha S Mrs. Bilvika	Syllabus can be reframed according to the lab hands on sessions taken	Based on hands-on	
19	20ISL66	Advanced Java Lab	Mrs.Vandana C P Mrs.Swathi B	need to revise with new set of programs		Suggested to continue
20	20ISL67	Machine Learning Lab	Mr.Gangadhar Immadi Mrs. Gowri-Prasad	Pgm 7 can be changed	It is a repetition	Suggested to continue
21	20ISE68	Mini Project	Mrs. Swathi B Divya K V	Mini project topics can be alligned to subjects studying in the 6th semester	for better understanding of concepts	

Chandho
29/7/24

Dr. R. J. Anandhi
Professor & Head of the Department
Department of Information Science and Engineering
New Horizon College of Engineering
Bengaluru - 560 103.



Department of Information Science & Engineering

Board of Studies Academic Year:2021 - 22

Date of BOS conducted:27.07.2021

Annexure-I

Percentage Of Syllabus Change Recommended And Approved

UG Program: BE

Year	Semester	Current Subject Code (Before BOS)	Proposed Subject Code (After BOS)	Percentage change of syllabus for (AY 2020-2021 to AY 2021-22)	Remarks if any
II Year	III	19ISE33	21ISE33	10	Module 3 revised
		19ISE34	21ISE4	10	Revised with the topic Tries
		19ISE3	21ISE35	10	Revised in aligned with Microprocessors
		19ISE36	21ISE36	10	'Handling documents' topic added
		19ISL37	21ISL37	10	Experiments refined
		19ISL38	21ISL38	10	Experiments refined
		19ISL39	21ISL39	10	Experiments refined
		19ISE391	21ISE391	20	Evaluation Metrics has been revised with more components added
		19ISE43	21ISE43	20	Module 5 is revised with Transaction management & security
		19ISE44	21ISE44	10	AWT & Event Handling concepts are added
		19ISE45	21ISE45	10	OS Security concepts are

					added	
		19ISL46	21ISL46	15	Experiments are refined to specific database	
		19ISL47	21ISL47	10	One experiment added on AWT	
		19ISL48	21ISL48	10	Shell scripting added	
		19ISE49	21ISE49	20	Evaluation Metrics has been revised	
III Year	V	20ISE51	21ISE51	10	Perl scripting contents revised	
		20ISE52	21ISE52	10	Topics are re-arranged and 2 topics added	
		20ISE53	21ISE53	10	Refined data pre processing & aligned with Textbook	
		20ISE54	21ISE61	10	Aligned with text book & new web resources	
		20ISE552	21ISE552	10	2 module are revised	
		20ISL56	21ISL56	10	One experiment is changed	
		20ISL57	21ISL57	15	Two experiments are changed & description is refined	
		Not Applicable	21ISL58	100	New Lab course is introduced	
		20ISL58	21ISL68	10	One experiment changed	
	20ISE59	21ISE59	20	Evaluation Metrics has been revised		
		VI	20ISE61	21ISE54	10	Topics are revised & shifted to 5th semester from 6th semester
			20ISE62	21ISE62	10	5th module revised
			20ISE63	21ISE63	10	Textbooks are updated
	20ISE641		21ISE641	10	Sqlite contents are added	
	20ISE643		21ISE643	20	Module 5 revised	
	20ISE651		21ISE651	10	Topics are shuffled	

		20ISE652	21ISE652	10	In Module 5 , new applications are added
		20ISL66	21ISL66	15	2 experiments are revised
		20ISL67	21ISL67	15	2 experiments are revised
		20ISL58	21ISL68	10	1 experiment is revised & shifted the course from 5th to 6th semester
		20ISE69	21ISE69	20	Evaluation Metrics has been revised
IV Year	VII	Not Applicable	21ISE71	100	New scheme & Syllabus
		Not Applicable	21ISE72	100	
		Not Applicable	21ISE73	100	
		Not Applicable	21ISE74X	100	
		Not Applicable	21ISE75X	100	
		Not Applicable	20NHOPXX	100	
		Not Applicable	21ISL76	100	
		Not Applicable	21ISL77	100	
		Not Applicable	21ISE78	100	
	VIII	Not Applicable	21ISE81X	100	New scheme & Syllabus
		Not Applicable	21ISE82	100	
		Not Applicable	21ISE83	100	

Shanchoo
6/8/21
BOS-Chairman

Professor & Head of the Department
Department of Information Science and Engineering
New Horizon College of Engineering
Bengaluru - 560 103.

Dated: 06-08-21



Dr. Amarjeet Singh
Dean-Academics

Dr. Amarjeet Singh
Professor and Dean-Academic
New Horizon College of Engineering
Ring Road, Bellandur Post,
Bengaluru - 560 103.



Manjith
Principal

Principal
New Horizon College of Engineering
Ring Road, Bellandur Post,
Bangalore - 560 103



Department of Information Science & Engineering

Board of Studies Academic Year:2021 - 22

Date of BOS conducted:27.07.2021

Annexure-II

BOS: Minutes of Meeting Report

Topic: Subject/name and code whose syllabus has not been changed in BOS meeting (unchanged subject).

PG: Program : M.Tech in Cyber Forensics & Cyber Security

Year	Semester	Current Subject Code (Before BOS)	Proposed Subject Code (After BOS)	Justification for not Changing
I Year	I	19SFC11	19SFC11	Scheme & Syllabus is retained without any changes as its a new PG program and number of students are only 5
		19SFC12	19SFC12	
		19SFC13	19SFC13	
		19SFC14	19SFC14	
		19SFC15	19SFC15	
		19SFC16X	19SFC16X	
		19SFCL17	19SFCL17	
		19SFCL18	19SFCL18	
	II	19SFC19	19SFC19	
		19SFC12	19SFC12	
		19SFC21	19SFC21	
		19SFC22	19SFC22	
		19SFC23	19SFC23	
		19SFC24	19SFC24	
II Year	III	19SFC25X	19SFC25X	
		19SFC26	19SFC26	
		19SFC27	19SFC27	
		20SFC31	20SFC31	
	IV	20SFC32X	20SFC32X	
		20SFC33	20SFC33	
20SFC34	20SFC34			
20SFC41	20SFC41			
20SFC42	20SFC42			

BOS-Chairman

Dated: 06.08.21

Dr. R J Anandhi

Professor & Head of the Department
Department of Information Science and Engineering
New Horizon College of Engineering
Bengaluru - 560 103.



Dean-Academics

Dr. Anand Singh
Professor and Dean-Academic
New Horizon College of Engineering
Ring Road, Bellandur Post,
Bengaluru - 560 103.



Principal

New Horizon College of Engineering
Ring Road, Bellandur Post,
Bangalore - 560 103



NEW HORIZON
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New Horizon Knowledge Park, Ring Road, Bellandur Post, Bengaluru 660 103



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YEARS OF EXCELLENCE IN EDUCATION

Department of Information Science & Engineering

Board of Studies Academic Year: 2021-2022

Date of BOS conducted: 27.07.2021

Annexure-III

Topic: Proposed subject name and new subject code (After BOS) whose subject topics changed

Year	Semester	Proposed Subject Name	Proposed Subject Code	Module No	List of Subject Topics Changed	% of change of syllabus
II	III	Digital Logic Design	21ISE33	Module-3	Number System, Base Conversion topics are added	10
		Data Structures using C	21ISE34	Module-1 Module-4 Module-5	Searching & Sorting topics are removed Tree and Graphs are separated into module 4 & 5 respectively & duplications are avoided Tree and Graphs are separated into module 4 & 5 respectively & duplications are avoided	10
		Computer Organization	21ISE35	Module-1 Module-2 Module-3 Module-4 Module-5	Syllabus was heavy and confusing. Its revised and made lighter	10
		Python Programming	21ISE36	Module-5	PDF processing topics are modified	10
		Digital Logic Design	21ISL37	Experiments 1-12	Experiments refined	10

IV	VII	Mini Project	2IISE69			the course from 5th to 6th semester	20
		Software Testing & Automation	2IISE71	All 5 modules	New syllabus is introduced & applicable to 175 credit scheme for the first time	Evaluation Metrics has been revised	100
		Computer Networks	2IISE72				
		Cryptography and Information Security	2IISE73				
		Computer Forensics	2IISE741				
		Cloud Computing	2IISE742				
		Cyber Law	2IISE743				
		Information Theory & Coding	2IISE744				
		Natural Language Processing	2IISE745				
		Social Network Analysis	2IISE751				
		Digital Marketing	2IISE752				
		DevOps	2IISE753				
		Functional Analytics	2IISE754				
		Deep Learning	2IISE755				
		Software Testing & Automation Lab	2IISL76				
		Computer Networks Lab	2IISL77				
		Project Phase-1	2IISE78	All 5 modules	New syllabus is introduced & applicable to 175 credit scheme for the first time	100	
		Computer System Performance Analysis	2IISE811				
		Software Architecture & Design Patterns	2IISE812				
		Agile Software Development	2IISE813				
		Management & Entrepreneurship	2IISE814				

	Service Oriented Architecture	21ISE815			
	Internship Viva	21ISE82	Not Applicable	New syllabus applicable to 175 credit scheme	100
	Project Phase-2	21ISE83			

Supriya
BOS-Chairman
 Cr. R. J Anandhi
 Professor & Head of the Department
 Department of Information Science and Engineering
 New Horizon College of Engineering
 Bengaluru - 560 103.

Dated: 06.08.2021



Jay
Dean-Academics
 Dr. Anandhi
 Professor and Dean-Academic
New Horizon College of Engineering
 Ring Road, Bellandur Post,
 Bengaluru - 560 103.



Manjitha
Principal
New Horizon College of Engineering
 Ring Road, Bellandur Post,
 Bengaluru - 560 103