



THE NATIONAL INSTITUTE OF ENGINEERING

(An Autonomous Institution)
(Affiliated to V.T.U., Belgaum & Accredited by NBA New-Delhi)
Manandavadi Road, Mysore - 570008.



DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Phone: 0821-2480475, 2481220, 4004900 Fax: 0821-2485802, E-mail: principal@nie.ac.in, Website: www.nie.ac.in

Dr. P Devaki, M.Tech, PhD
Professor & Head of Department

August 19, 2020

Board of Studies (BoS)

Date: 19-Aug-2020

Mode of Conduction: Google Meet

Time: 11.30 AM to 1 PM

Members Present:

| SI No. | Name | Organization | Designation | Signature |
|--------|--|--|---------------------|-------------|
| 1 | Dr. P Devaki Prof. & HOD | The National Institute Of Engineering, Mysuru | Chairman | |
| 2 | Dr. K Raghuvver Prof. & IQAC Head | The National Institute Of Engineering, Mysuru | Internal Member | |
| 3 | Dr. S Kuzhalvaimozhi Professor | The National Institute Of Engineering, Mysuru | Internal Member | |
| 4 | Sri. Rampur Srinath Associate Prof. | The National Institute Of Engineering, Mysuru | Member Secretary | |
| 5 | Sri. CN Chinnaswamy Associate Prof. | The National Institute Of Engineering, Mysuru | Internal Member | |
| 6 | Smt. BM Nandini Assistant Prof. | The National Institute Of Engineering, Mysuru | Internal Member | |
| 7 | Sri. N Rajesh Assistant Prof. | The National Institute Of Engineering, Mysuru | Internal Member | |
| 8 | Dr. P Santhi Thilagam, Prof, Dept. of CS & E | NITK, Surathkal | External Member | Present |
| 9 | Dr. Uma B Prof. & HoD, Dept. of IS & E | MCE, Hassan. | External Member | Not Present |
| 10 | Dr. Y C Kiran Chandrappa, Prof., Dept of CS & E. | GAT, Bangalore. (VTU Nominee) | VTU Nominee | Present |
| 11 | Sri. Manjit S Sodhi | IBM, Manyata Embassy Business Park | Industry Expert | Present |
| 12 | Sri. Phanindra Mankale Software Development Manager, Alexa AI & Natural Understanding | Amazon India Pvt. Ltd, Bengaluru. | Industry Expert | Present |
| 13 | Mr. Nachiket CEO | Entelika Consultancy & IT Services | Alumnus | Present |

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PROCEEDINGS OF THE MEETING

At the beginning, the Chairman of Board of Studies, Dr. P Devaki, Prof. & HoD, Dept. of IS & E, welcomed and introduced all the members. The Chairman appreciated the members for attending the online meeting of the Board of Studies for the academic year 2020-2021.

Agenda and Resolution:

1. Read and record the minutes of previous BoS meeting held on May 4, 2019 and about the action taken.

Resolution: Read and Recorded.

The Board noted and also expressed its satisfaction on the action taken.

To Consider or Approval of the following:

2. a. Discussion on DIAB, DAAB, outgoing student feedback
Resolution: Recorded and Approved

- b. Blown up syllabus of 3rd year of 2018-19 Admission Batch, and

- Introducing new elective subject in 3rd year for the UG programme under Dept. Elective -1 from the Academic year 2020-2021
 - Dept. Elective -1 → IS6E105 - UX & UI

Resolution: Approved and Recommended to Academic Council for further action

- c. Change of Syllabus

- UG - 3 Semester - Discrete Mathematics & Graph Theory (IS3C01) - Core
- 4 Semester - Object Oriented Programming with Java (IS4C04) - Core
- 7 Semester - Wireless Communication and Networks (IS0315) - Elective

Resolution: Approved and Recommended to Academic Council for further action

- d. List of Value added courses to be approved - UG

Resolution: Approved and Recommended to Academic Council for further action

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e. BE - honors degree course list - UG

Resolution: Approved and Recommended to Academic Council for further action

f. Introducing new elective subjects for the PG programme from the Academic year 2020-2021

- Dept. Elective -3 → MCN2E306 - Social Networks
- Industry Driven Elective → MCN2I02 - Introduction to Machine Learning
- Open Elective → MCN3003 - Mobile Application Development

Resolution: Approved and Recommended to Academic Council for further action

g. Change of Syllabus

- PG - 1 Semester - Research Methodology (MCN1CRM) - Core

Resolution: Approved and Recommended to Academic Council for further action

h. List of Value added courses to be approved - PG

Resolution: Approved and Recommended to Academic Council for further action

Discussions and Suggestions from Members:

- Sri. Phanindra Mankale queried where Agile software development topic is being taught.
Resolution: Clarified that Agile software development topic is taught in 4th semester, Software Engineering course.
- Sri. Phanindra Mankale queried where working of web topic is being taught.
Resolution: Clarified, this topic is covered in Web technology course with laboratory component in 6th semester.
- Sri. Manjit S Sodhi queried whether Internet of Things topic is part of the Microprocessor Course
Resolution: Clarified, Internet of Things is offered as an industry driven elective course by Nokia Pvt. Ltd Company for the 7th semester students.



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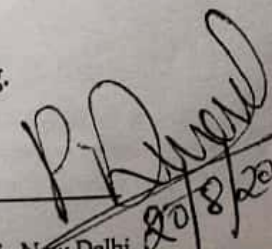


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- **Sri. Phanindra Mankale** suggested to have Blockchain technology as a course in the curriculum
Resolution: Clarified, Blockchain technology course is offered as a value added course, once content of the syllabus and textbook will be finalized, the course will be offered as a core or elective
- **Sri. Phanindra Mankale** queried whether the Machine Learning course is being taught considering the industry requirement.
Resolution: Clarified by Nachiket, Alumnus and member of BoS, who had taught the Machine Learning course for PG students under Industry driven elective.
- **Sri. Phanindra Mankale** suggested to have Natural Language Processing, Linear Algebra, Computer Vision topics under Machine learning course which is essential and required in industry.
Resolution: Noted and steps will be taken for including the said topics / courses.
- **Sri. Manjit S Sodhi** suggested to Design python programming course related to machine learning, Data science and analytics, Functional Programming, MongoDB.
Resolution: Clarified that Python programming course is offered as MOOC elective from NPTEL, and further steps will be taken for including the said topics when offered as value added course or as department elective.
- **BoS Members** suggested to have stream oriented electives having continuity in subsequent semester, considering the recent trends and technologies.
Resolution: Noted and steps will be taken for introducing the stream oriented electives
- **Dr. P Santhi Thilagam** suggested to have Software defined networks as a new course
Resolution: Clarified, it is listed in MOOC elective, further steps will be taken to include this course as a core or elective.
- **Dr. P Devaki**, Chairman, BoS, proposed vote of thanks at the end of the meeting.

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20/8/20
PROFESSOR & HEAD
Dept. of Information Science & Engg
National Institute of Engineering
MYSORE-570008



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• **Approval required for the following:**

a. Programme outcome Assessment

Resolution:

b. Re-revised scheme for Curriculum of M.Tech from 2020-2021 Academic Year (2020-21 Admission Batch)

| Semester | Credit Distribution | Total Credits | Remarks |
|----------------------|--|---------------|---|
| I | Same as Previous year | 27 | No Change |
| II | Same as Previous year | 27 | No Change |
| III | MOOC Elective (12 Weeks) Management Department | 3 | No Class room intervention in III semester. Students have to satisfy the necessary criteria for the award of internship credits. |
| | Open Elective (MOOC) (8 Weeks) from Other Department | 2 | |
| | Seminar | 1 | |
| | Internship | 5 | |
| | Project Phase - I | 8 | |
| IV | Project Phase - II | 15 | 15 |
| Total Credits | | 88 | |

Resolution:

c. Restrict the paper setting for MOOC elective by internal faculty assigned only, than the external paper setter.

Resolution:

P. P. [Signature]
24/8/2020
Prof. & Head.

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