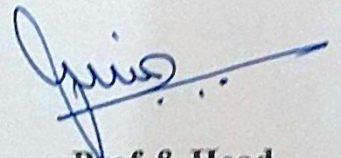Dr. Ambedkar Institute of technology, Bengaluru-56

Department of Computer Science & Engineering

The enclosed documents are verified & approved.

Prof & Head

Dr. Siddaraju

Department of Computer Science & Engineering

Professor & Head
Department of Computer Science & Engineerir
Dr. Ambedkar Institute of Technology
Bangalore-560 056.

# 2016-17

## STRUCTURE OF BOARD STUDIES

**For UG and PG**

**(To be constituted as per 5.3 of status of University " AUTONOMOUS COLLEGE STATUTE, 2006")**

| Sl. No | Category | Nomination of the Committee | Name of the person |
|---|---|---|---|
| 1 | **Head of the Department** | Chairman | **Dr. Siddaraju** |
| 2. | **Advisor** | | **Dr.L.M.Patnaik** |
| 3. | **Faculty members at different levels veering different specializations** | **UG Programme** | |
| | | Member - 1 | Dr. M. Vijay Kumar |
| | | Member - 2 | Dr. Gowrishankar |
| | | Member - 3 | Prof. Asha |
| | | Member - 4 | Prof. Leena giri. G |
| | | Member -5 | Prof. Mary Cherian |
| | | Co-ordinator | Prof. Asha Rani K.P |
| | | **PG Programme** | |
| | | Member - 1 | Prof. Nithya E |
| | | Member - 2 | Prof.  K R Shylaja |
| 4. | **External Subject experts nominated by academic council** | Member-1 | **Dr.Manjaiah Mangalore University** |
| | | Member-2 | **Dr. Thippeswamy VTU,Mysore** |
| | | Member - 3 | **Dr. Guruprasad BMSCE, Bangalore** |
| | | Member - 4 | **Dr. Ramakanth Kumar P. Prof & Head RVCE, Bangalore** |
| 5. | **VTU Nominee** | Member | **Dr.T.G.Basavaraju SKSJIT, Bangalore** |
| 6. | **Industry Representative** | Member - 1 | **Mr. Subbaraya IBM, Bangalore** |
| | | Member - 2 | **Mr. Dheerendra, PThinks Ltd., Bangalore** |
| 7. | **Alumni with PG Degree** | Member | **Mr. Karthik Rao B G, Minio Inc, Palo Alto, California** |

# 2017-18
## STRUCTURE OF BOARD STUDIES
**For UG and PG**

**(To be constituted as per 5.3 of status of University " AUTONOMOUS COLLEGE STATUTE, 2006")**

| Sl. No | Category | Nomination of the Committee | Name of the person |
|---|---|---|---|
| 1 | **Head of the Department** | Chairman | **Dr. Siddaraju** |
| 2. | **Advisor** | | **Dr.L.M.Patnaik** |
| 3. | **Faculty members at different levels veering different specializations** | **UG Programme** | |
| | | Member - 1 | Dr. M. Vijay Kumar |
| | | Member - 2 | Dr. Gowrishankar |
| | | Member - 3 | Prof. Asha |
| | | Member - 4 | Prof. Leena giri. G |
| | | Member -5 | Prof. Mary Cherian |
| | | Co-ordinator | Prof. Asha Rani K.P |
| | | **PG Programme** | |
| | | Member - 1 | Prof. Nithya E |
| | | Member - 2 | Prof. K R Shylaja |
| 4. | **External Subject experts nominated by academic council** | Member-1 | **Dr.Manjaiah Mangalore University** |
| | | Member-2 | **Dr. Thippeswamy VTU, Mysore** |
| | | Member - 3 | **Dr. Guruprasad BMSCE, Bangalore** |
| | | Member - 4 | **Dr. Ramakanth Kumar P. Prof & Head RVCE, Bangalore** |
| 5. | **VTU Nominee** | Member | **Dr.T.G. Basavaraju SKSJIT, Bangalore** |
| 6. | **Industry Representative** | Member - 1 | **Mr. Subbaraya IBM, Bangalore** |
| | | Member - 2 | **Mr. Dheerendra, PThinks Ltd., Bangalore** |
| 7. | **Alumni with PG Degree** | Member | **Mr. Arvind C S Technology Specialist, Cognitive Computing Lab, Cognizant GTO, Bangalore** |

# 2018-19
## STRUCTURE OF BOARD STUDIES
**For UG and PG**

**(To be constituted as per 5.3 of status of University " AUTONOMOUS COLLEGE STATUTE, 2006")**

| Sl. No | Category | Nomination of the Committee | Name of the person |
|---|---|---|---|
| 1 | **Head of the Department** | Chairman | **Dr. Siddaraju** |
| 2. | **Advisor** | | **Dr.L.M.Patnaik** |
| 3. | **Faculty members at different levels veering different specializations** | **UG Programme** | |
| | | Member - 1 | Dr. Mary Cherian |
| | | Member - 2 | Dr. Gowrishankar |
| | | Member - 3 | Dr. Smithashekar |
| | | Member - 4 | Dr. Harish G |
| | | Member -5 | Dr. Prakash |
| | | Co-ordinator | Prof. Asha Rani K.P |
| | | **PG Programme** | |
| | | Member - 1 | Dr.K.R Shylaja |
| | | Member - 2 | Prof. Shamshekar Patil |
| 4. | **External Subject experts nominated by academic council** | Member-1 | **Dr.Suresh L Principal Cambridge Institute of Technology** |
| | | Member-2 | **Dr. Ramani S MSRIT, Bangalore** |
| | | Member - 3 | **Dr. Gowrishankar. BMSCE, Bangalore** |
| | | Member - 4 | **Dr. Bindumadavi AMCE, Bangalore** |
| 5. | **VTU Nominee** | Member | **Dr.Chandrashekar NITK, Bangalore** |
| 6. | **Industry Representative** | Member - 1 | **Dr.Rajan Senior Scientist, TCS, Bangalore** |
| | | Member - 2 | **Dr.K.C Goud, 4th Gen Paradigm,C-MMAC, Bangalore** |
| 7. | **Alumni with PG Degree** | Member | **Preet kanwal PESU,Bangalore** |

# 2019-20
## STRUCTURE OF BOARD STUDIES
**For UG and PG**
**(To be constituted as per 5.3 of status of University " AUTONOMOUS COLLEGE STATUTE, 2006")**

| Sl. No | Category | Nomination of the Committee | Name of the person |
|---|---|---|---|
| 1. | **Head of the Department** | Chairman | **Dr. Siddaraju** |
| 2. | **Advisor** | | **Dr.L.M.Patnaik** **IISC, Bangalore** |
| 3. | **Faculty members at different levels veering different specializations** | **UG Programme** | |
| | | Member- 1 | Dr. Leenagiri G |
| | | Member- 2 | Prof. Asha |
| | | Member- 3 | Dr. Mary Cherian |
| | | Member- 4 | Dr. Gowrishankar |
| | | Member- 5 | Dr. Smitha Shekar B |
| | | Member- 6 | Dr. Harish G |
| | | Co-Ordinator | Prof. Asha Rani K.P |
| | | **PG Programme** | |
| | | Member- 1 | Dr. Prabha R |
| | | Member- 2 | Dr.K.R Shylaja |
| 4. | **External Subject experts nominated by academic council** | Member-1 | **Dr. Rajendra Hegadi** **IIIT Dharwad** |
| | | Member-2 | **Dr. Suresh L** **Principal** **Cambridge Institute of Technology** **Bangalore** |
| | | Member- 3 | **Dr. Gowrishankar.** **BMSCE, Bangalore** |
| | | Member- 4 | **Dr. Bindumadavi** **AMCE, Bangalore** |
| 5. | **VTU Nominee** | Member | **Dr. Chandrashekar** **NITK, Mangalore** |
| 6. | **Industry Representative** | Member - 1 | **Mr. G.K Patil** **Collins Aerospace** **Bangalore** |
| | | Member - 2 | **Mr. Mukund Kumar** **Senior Director** **NTT Data, Bangalore** |
| | | Member - 3 | **Mr. Iyer** **HR Manager** **Cognizant, Bangalore** |
| 7. | **Special Invitee from Mentee Institution RML Avadh University Ayodhya** | Member | **Mr. Ashish Pandey** **HOD,CSE** **IET, Ayodhya** |

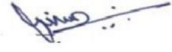| 8. | **Alumni with PG Degree** | Member | **Ms. Preet Kanwal**<br>**Assistant Professor**<br>**PESU, Bangalore** |
|----|---------------------------|--------|------------------------------------------------------------------------|

# 2020-21
## STRUCTURE OF BOARD STUDIES
**For UG and PG**
**(To be constituted as per 5.3 of status of University " AUTONOMOUS COLLEGE STATUTE, 2006")**

| Sl. No | Category | Nomination of the Committee | Name of the person |
|---|---|---|---|
| 9. | **Head of the Department** | Chairman | **Dr. Siddaraju** |
| 10. | **Advisor** | | **Dr.L.M.Patnaik**<br>**IISC, Bangalore** |
| 11. | **Faculty members at different levels veering different specializations** | **UG Programme** | |
| | | Member- 1 | Dr. Leenagiri G |
| | | Member- 2 | Prof. Asha |
| | | Member- 3 | Dr. Mary Cherian |
| | | Member- 4 | Dr. Gowrishankar |
| | | Member- 5 | Dr. Smitha Shekar B |
| | | Member- 6 | Dr. Harish G |
| | | Co-Ordinator | Prof. Asha Rani K.P |
| | | **PG Programme** | |
| | | Member- 1 | Dr. Prabha R |
| | | Member- 2 | Dr.K.R Shylaja |
| 12. | **External Subject experts nominated by academic council** | Member-1 | **Dr. Rajendra Hegadi**<br>**IIIT Dharwad** |
| | | Member-2 | **Dr. Suresh L**<br>**Principal**<br>**Cambridge Institute of Technology**<br>**Bangalore** |
| | | Member- 3 | **Dr. Gowrishankar.**<br>**BMSCE, Bangalore** |
| | | Member- 4 | **Dr. Bindumadavi**<br>**AMCE, Bangalore** |
| 13. | **VTU Nominee** | Member | **Dr. Chandrashekar**<br>**NITK, Mangalore** |
| 14. | **Industry Representative** | Member - 1 | **Mr. G.K Patil**<br>**Collins Aerospace**<br>**Bangalore** |
| | | Member - 2 | **Mr. Mukund Kumar**<br>**Senior Director**<br>**NTT Data, Bangalore** |
| | | Member - 3 | **Mr. Iyer**<br>**HR Manager**<br>**Cognizant, Bangalore** |
| 15. | **Special Invitee from Mentee Institution RML Avadh University Ayodhya** | Member | **Mr. Ashish Pandey**<br>**HOD,CSE**<br>**IET, Ayodhya** |

| 16. | Alumni with PG Degree | Member | **Ms. Preet Kanwal**<br>**Assistant Professor**<br>**PESU, Bangalore** |
|-----|-----------------------|--------|---------------------------------|

# 2021-22
## STRUCTURE OF BOARD STUDIES
**For UG and PG**
**(To be constituted as per 5.3 of status of University ,"AUTONOMOUS COLLEGE STATUTE, 2006")**

| Sl. No | Category | Nomination of the Committee | Name of the person |
|---|---|---|---|
| 1. | **Head of the Department** | Chairman | **Dr. Siddaraju** |
| 2. | **Advisor** | | **Dr.L.M.Patnaik IISC, Bangalore** |
| 3. | **Faculty members at different levels veering different specializations** | **UG Programme** | |
| | | Member- 1 | Dr. Asha |
| | | Member- 2 | Dr. Leenagiri G |
| | | Member- 3 | Dr. Gowrishankar |
| | | Member- 4 | Dr. Smitha Shekar B |
| | | Member- 5 | Dr. Harish G |
| | | Member- 6 | Dr. Nandini N |
| | | Co-ordinator | Prof. Asha Rani K.P |
| | | **PG Programme** | |
| | | Member- 1 | Dr. Prabha R |
| | | Member- 2 | Dr.K.R Shylaja |
| 4. | **External Subject experts nominated by academic council** | Member-1 | Dr. Rajendra Hegadi IIIT Dharwad |
| | | Member-2 | Dr. Anitha Kanavalli Professor & Head MSRIT,Bangalore |
| | | Member- 3 | Dr. Guruprasad Professor & Head,BMSCE, Bangalore |
| | | Member- 4 | Dr. Thippeswamy Professor & Head,NMIT, Bangalore |
| 5. | **VTU Nominee** | Member | Dr.Ramakanth Professor & Head,RVCE, Bangalore |
| 6. | **Industry Representative** | Member - 1 | Mr.Nandakishore VP,WIPRO Technologies Bangalore |
| | | Member - 2 | Mr.Nagendraswamy S Programme Director Sharp Software Developments, Bangalore |
| | | Member - 3 | Dr. Bishwajith Paul Director, AI Consultant, Bangalore |

| 7. | **Special Invitee from Mentee Institution RML Avadh University Ayodhya** | Member | Mr. Ashish Pandey HOD,CSE IET, Ayodhya |
|----|----|----|----|
| 8. | **Alumni with PG Degree** | Member | Dr.Anil Kumar Assistant Professor NMIT, Bangalore |

**Dr.Siddaraju**

**Chairman    BOS**

# Dr. Ambedkar Institute of Technology
### (An Autonomous Institution affiliated to VTU, Belgaum)
## Department of Computer Science & Engineering
## <u>Minutes of the Meeting</u>

**Members**                                    **Present:**

1. Dr. Siddaraju
2. Dr. Mary Cherian
3. Dr. Gowri Shankar
4. Dr. Prakash
5. Dr. Nandini
6. Dr. K R Shylaja
7. Asha
8. Asha Rani K P
9. Veena Potadar
10. Srinivasa A H
11. Sham Shekhar P
12. Suresh D
13. Madhu B
14. Asha K N
15. Harish Kumar H C
16. Arathi P
17. Vinutha M S
18. Jayalakshmi K
19. Pushpaveni H P
20. Rahul M
21. Vinod Kumar K
22. Veena A
23. Lavanya S
24. Sangeetha G M
25. Shalini N
26. Mamtha
27. ShanmughaPriya
28. Tejashwini
29. Vinutha
30. Revanna Siddapa
31. Ravi

## Members on Leave:

1. Sowmya C L(ML)

2. Leena Giri G
3. Dr. Smitha Shekar B
4. Dr. Harish G
5. Praveen M V
6. Uma K M

**Date:** April 27th, 2019
**Time:** 11:00am-1:30pm
**Venue:** Held in Smart classroom, Dept. of CSE
**Facilitator:** Dr. Siddaraju (HOD, CSE)

**AGENDA:**
1. Preliminary Internal BOS meeting for the academic year 2019-2020(3rd semester and 4th semester) to finalize the syllabus.
2. Discussion regarding syllabus scheme for higher semesters.
3. Mandatory guidelines as per AICTE.
4. Any other issues with the permission of the chair.

HOD welcomed the faculty members of CSE and as well as the few students of 6th semester and 8th semester of CSE department to the meeting and briefed about the agenda of the meeting.

The following are the student's representatives for the internal BOS:
i. Nikhil Jain S P – 6th sem
ii. Niranjan N C – 6th sem
iii. Sandeep A S – 8th sem
iv. Ravi Kumar Tiwari – 8th sem
v. Riya K – 8th sem
vi. Rashmi B – 8th sem
vii. Ranjani S N – 8th sem

1. HOD briefed to the student representatives regarding the agenda for the meeting:
i. There was a lengthy discussion about the structure of the current curriculum and its pros and cons. Students have requested for having Java and Android programming subjects together in one semester or to have Java in 5th sem and followed by Android programming in the 6th sem as it is helpful for them to understand the subject better since android programming is done using the Java programming.
ii. Students have requested for having Python Programming subject in 4th sem and Object oriented programming subject in 3rd sem since the understanding of the subject is better in this flow.
iii. Students have requested to reduce the number of subjects from 6 to 5 since they have 3 labs in every semester or to have 6 subjects and two labs per semester.

iv. Students have requested to have a practical sessions on UNIX shell and system programming.60% of the syllabus to cover theory and the remaining 40% of the syllabus to have practical portions on UNIX shell and system programming.

v. Students have requested to have 3 CIE's as it is difficult for them to prepare for the internals due to more portions or to have 2 internals with 50 marks and a makeup CIE for those who fall under some valid genuine excusable conditions.

vi. Students have requested to have IDE in $5^{th}$ sem rather than having it in either in $6^{th}$ or $7^{th}$ sem.

*After detailed deliberation with the faculty the chairman of BOS informed to the students regarding request made by them to be considered and place before the forth coming Academic Council Meeting, if ACM agrees the same may be considered.*

2. In respect of subject like program oriented(like OOPs, Python, Java, etc.,) the faculties are of the opinion that in every practical class one credit reserved for tutorials and the remaining two credits for practical's so that students can apply their soft skills to demonstrate or design a code. Since the suggestion seems to be good and acceptable. Hence the HOD/chairman BOS informed the same is going to place before forth coming BOS for further suggestion and comments. If it holds good the same can be implemented with immediate effect.
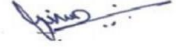
3. The opinion of all the faculty is the existing methods of giving 5 marks of Assignment in practical as well as theory (writing) is misused by the students by doing mass copying. As an online based assignments can be given to avoid the mass copying of the practical and as well theory based assignments. If apply the above said strategy or methodology that will lead to explore the hidden knowledge of the student and helping for outreach activities.

4. Students must compulsorily register for any one online certification courses (like MOOC, SWAYAM, NPTEL, & so on...) related to their stream and with concern of the staff as per MHRD guidelines. Only on successful completion of the online certification course as one of their elective subjects in their curriculum the respective student will be eligible for the award of the BE degree certificate.

5. Prof. ShamShekar P suggested to have 50% of MCQ's and 50% of theory type question paper pattern for CIE's.

6. The concerned mentors of the students must motivate and help the students to undergo the industry oriented internships and get the certificates mandatorily failing which the respective student will not be awarded the BE degree certificate.

As such there were no more agendas for discussion; the meeting was concluded with vote of thanks.

**Dr. Siddaraju**
**Prof & HOD, C**

# Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

**(An Autonomous Institution affiliated to VTU, Belgaum)**

## Department of Computer Science & Engineering

## Minutes of BOS Meeting

| | |
|---|---|
| **Date:** August 14th, 2020 | **Time:** 11:00 AM-1:30 PM |
| **Venue:** Held in the Seminar Hall[C-326], CSE | |
| **Facilitator:** Dr. Siddaraju (HOD, CSE) | |
| **Online Video Platform Used:** ZOOM | **Meeting ID:** 83750462433 |

## Members                                              Present:

Dr. Siddaraju

1. Dr. Leenagiri
2. Dr. Gowri Shankar
3. Dr. Mary Cherian
4. Dr.K R Shylaja
5. Asha
6. Asha Rani K P
7. Dr.Smitha Shekar B
8. Veena Potadar
9. Srinivasa A H
10. Sham Shekhar P
11. Suresh D
12. Praveen M V
13. Harish Kumar H C
14. Arathi P
15. Vinutha M S
16. Asha K N
17. Madhu B
18. Uma K M
19. Pushpaveni H P
20. Vinod Kumar K
21. Sowmya C L
22. Chidananda V
23. Lavanya Santhosh
24. Veena A
25. Mamatha
26. Shalini N
27. Ravikumar J
28. Vinutha H
29. Tejaswini
30. Shanmugapriya
31. Revanasidappa

## Members on Leave:

1. Rashmi N
2. Sowmya C L
3. Dr.Harish G
4. Sangeetha G M

## BOS Members present through Online:

| Sl. No | Category | Nomination of the Committee | Name of the person |
|---|---|---|---|
| 1. | **Head of the Department** | Chairman | **Dr. Siddaraju** |
| 2. | **Advisor** | | **Dr.L.M.Patnaik IISC, Bangalore** |
| 3. | **Faculty members at different levels veering different specializations** | **UG Programme** | |
| | | Member- 1 | Dr. Leenagiri G |
| | | Member- 2 | Prof. Asha |
| | | Member- 3 | Dr. Mary Cherian |
| | | Member- 4 | Dr. Gowrishankar |
| | | Member- 5 | Dr. Smitha Shekar B |
| | | Member- 6 | Dr. Harish G[ABSENT] |
| | | Co-Ordinator | Prof. Asha Rani K.P |
| | | **PG Programme** | |
| | | Member- 1 | Dr. Prabha R |
| | | Member- 2 | Dr.K.R Shylaja |
| 4. | **External Subject experts nominated by academic council** | Member-1 | **Dr. Rajendra Hegadi IIIT Dharwad** |
| | | Member-2 | **Dr. Suresh L Principal Cambridge Institute of Technology Bangalore** |
| | | Member- 3 | **Dr. Gowrishankar. BMSCE, Bangalore** |
| | | Member- 4 | **Dr. Bindumadavi AMCE, Bangalore** |
| 5. | **VTU Nominee** | Member | **Dr. Chandrashekar NITK, Mangalore** |
| 6. | **Industry Representative** | Member - 1 | **Mr. G.K Patil Collins Aerospace Bangalore** |

| | | | |
|---|---|---|---|
| | | Member - 2 | **Mr. Mukund Kumar**<br>**Senior Director**<br>**NTT Data, Bangalore** |
| | | Member – 3<br>**[ABSENT]** | **Mr. Iyer**<br>**HR Manager**<br>**Cognizant, Bangalore** |
| 7. | **Special Invitee from Mentee Institution RML Avadh University Ayodhya** | Member | **Mr. Ashish Pandey**<br>**HOD,CSE**<br>**IET, Ayodhya** |
| 8. | **Alumni with PG Degree** | Member | **Ms. Preet Kanwal**<br>**Assistant Professor**<br>**PESU, Bangalore** |

# AGENDA

1. **Finalization of UG Scheme & syllabus from 1st to 6th semester and scheme of 7th and 8th sem.**
2. **Finalization of PG Scheme & syllabus from 1st to 4th semester.**
3. **Finalization of BE Honor's scheme.**
4. **Finalization of PAC committee.**
5. **Finalization of department Mission, Vision statement.**
6. **Any other issues related to BOS.**

HOD welcomed all the BOS members to the meeting (Online) and briefed about the agenda for the meeting.

## Discussion on Syllabus is as follows:

1. Reframed syllabus for 3rd Sem and 4th Sem has been approved by the externals.
2. Mr. Mukund Kumar suggested to have more case studies in software engineering. And also suggested to make student to take up realistic scenario in mini project.
3. Dr. Bindu madhavi suggested to include AI, Basics of ML with RPA.
4. Dr. Rajendra Hegadi asked to Include Deep Learning as elective.
5. Dr. G K Patil and Dr. Suresh L suggested to combine AI and ML.
6. Mr. Mukund Kumar suggested to make students to define their own experiments in ML Lab.
7. Dr. Gowrishankar Sir suggested to add Deep Learning as Elective. Also, he suggested make students to take up MOOC Course for Android Programming instead of a separate subject and conduct only lab.
8. Dr. Suresh sir asked to change the title from **Core Java to Java Programming.**
9. All the externals suggested to have atleast 2 hours of industry expert to teach for connected learning.
10. Finally, Dr. Siddaraju Explained about the shortage of Credits in the AICTE specified structure to accommodate all the subjects and hence we tried best to incorporate the recent trend subjects. Also expressed the Deep Learning Subject can be incorporated in 7th sem Elective.
11. Department Mission and Vision Statements, PAC committee members list has been approved by the experts.

**Dr. Siddaraju**
**Prof. & HOD,**
**CSE**

| | Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY |
|---|---|
| | **(An Autonomous Institution affiliated to VTU, Belgaum)** |
| | **Department of Computer Science & Engineering** |

# Minutes of the 11ᵗʰ Online BOS Meeting

The External BOS meeting of the Computer Science & Engineering department was held, on 26ᵗʰ June 2021 at 10:00 AM-12:30 PM on the Google Meet platform **(https://meet.google.com/wav-wtme-zuo).**

## STRUCTURE OF BOARD STUDIES

| Sl. No | Category | Nomination of the Committee | Name of the person |
|---|---|---|---|
| 1. | **Head of the Department** | Chairman | **Dr. Siddaraju** |
| 2. | **Advisor** | | **Dr.L.M.Patnaik IISC, Bangalore** |
| 3. | **Faculty members at different levels veering different specializations** | **UG Programme** | |
| | | Member- 1 | **Dr. Asha** |
| | | Member- 2 | **Dr. Leenagiri G** |
| | | Member- 3 | **Dr. Gowrishankar** |
| | | Member- 4 | **Dr. Smitha Shekar B** |
| | | Member- 5 | **Dr. Harish G** |
| | | Member- 6 | **Dr. Nandini N** |
| | | Co-ordinator | **Prof. Asha Rani K.P** |
| | | **PG Programme** | |
| | | Member- 1 | **Dr. Prabha R** |
| | | Member- 2 | **Dr.K.R Shylaja** |
| 4. | | Member -1 | **Dr. Rajendra Hegadi IIIT Dharwad** |

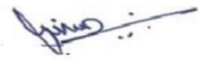| | | | |
|---|---|---|---|
| | External Subject experts nominated by academic council | Member -2 | **Dr. Suresh L Professor,RNSIT,Bangalore** |
| | | Member- 3 | **Dr. Gowrishankar Professor,BMSCE, Bangalore** |
| | | Member- 4 | **Dr. Bindumadavi Professor,SCE, Bangalore** |
| 5. | **VTU Nominee** | Member | **Dr.Chandrashekar Professor,NITK, Mangalore** |
| 6. | **Industry Representative** | Member - 1 | **Mr.G.K Patil Collins Aerospace Bangalore** |
| | | Member - 2 | **Mr.Mukund Kumar K G, CEO, Securado, Muscat** |
| | | Member - 3 | **Mr.Iyer HR Manager Cognizant, Bangalore** |
| 7. | **Special Invitee from Mentee Institution RML Avadh University Ayodhya** | Member | **Mr. Ashish Pandey HOD,CSE IET, Ayodhya** |
| 8. | **Alumni with PG Degree** | Member | **Dr.Anil Kumar Assistant Professor NMIT, Bangalore** |

## AGENDA

1. **Finalization of 7th and 8th semester scheme and syllabus for 175 Credits.**
2. **Any other issues related to M.Tech.**
3. **Finalization of BE Honor's scheme.**
4. **Finalization of PAC committee.**
5. **Any other issues related to BOS.**

- Ms. Asharani K P, Assistant Professor, Dept. of CSE presented the Scheme and Syllabus for the 7th and 8th semester for the AY 2021-22.
- Mr. G K Patil Sir suggested to include project planning and project management to students before they enter into 8th semester.
- Dr. Rajendra Sir asked whether Internship is compulsory for all students. If it's compulsory, it will be difficult for average level students. And suggested to make it optional to students. Dr. Suresh L sir also expressed the same and suggested for any certification course for students instead of Internship.
- Mr. Mukund Kumar K G expressed to include standard framework or best practices before the programming concepts, so that it will definitely help any individual to code in a better way as industry expects.
- Mr. G K Patil Sir agreed with the suggestion made by Mr. Mukund Kumar K G and also recommended to include that standard framework to all the programming languages.
- Ms. Bindu Madhavi Madam suggested to include Mini Project component along with the Lab component.
- Dr. Suresh L expressed his view to give option to students and suggested let students take a call whether they want Android IDE or Android IoS.
- Dr. Suresh L expressed his view on the syllabus of Cloud Computing and suggested to include Cloud security and Drivers of cloud.
- Mr. Mukund Kumar K G also suggested to include Drivers of cloud.
- Mr. G K Patil Sir suggested to include programming with data analytics.
- Dr. Rajendra Sir agreed with G K Patil sir and suggested to include Lab component for the Big data Analytics.
- Dr.Chandrashekar sir also expressed his view on the programming with data Analytics and suggested to include mini project at least instead of Lab component.
- Mr. Mukund Kumar K G suggested to include orientation to the subject (Big data Analytics), use cases on machine learning, dashboard mechanisms.
- Dr. Suresh L agreed with Mukund sir and suggested push to 5th module to 4th module and include use cases on machine learning wrt Data Analytics, dashboard mechanisms.
- Dr. Anilkumar expressed his view to include introduce Apache spark and spark SQL in Big Data Analytics.
- Mr. Mukund Kumar K G expressed his view to include use cases of Business Intelligence.
- Dr. Bindu Madhavi agreed with Mukund sir to include use cases in Business Intelligence subject.
- Mr. G K Patil Sir Simulation part to be included in Business intelligence subject.
- Mr. G K Patil Sir suggested to include security part in Cyber Forensics.
- Mr. Mukund Kumar K G suggested to include threats classification in Cyber Forensics. Also suggested to name it as Cyber breaches.
- Mr. Mukund Kumar K G suggested to call an industry person to give some introduction on Cyber forensics subject.
- Mr. Mukund Kumar K G expressed his view on Software Project Management subject and suggested to include PMI framework, Project

Governance and control, Project Stakeholders Management, Escalation Management.

- Ms. Bindu Madhavi madam expressed her views on the Computer Vision subject to use 3D photos in computer vision.
- Ratification of M.Tech subject Data Science and Machine Learning Techniques- Dr. K R Shylaja Madam modified 4th module in the subject and focused on interpretation and construction aspects.
- Dr.Siddaraju accepted all the suggestions made by the external members.

As such there were no more agendas for discussion, the meeting was concluded with vote of thanks.

**Dr. Siddaraju**
**Prof & HOD,**
**CSE**