# Panchajanya Vidya Peetha Welfare Trust (Regd)

# Dr. Ambedkar Institute of Technology

An Autonomous Institution, Affiliated to Visvesvaraya Technological University, Belagavi, Aided by Govt. of Karnataka, Approved by All India Council for Technical Education (AICTE), New Delhi Accredited by NBA and NAAC with 'A' Grade

BDA Outer Ring Road, Mallathalli, Bengaluru - 560 056

Ref. No. AIT ISE 605/2023

Date: 05-01-2023

This is to certify the List of courses where syllabus revision has been carried out during the last five years, with approval from BOS committee.

Course code	Course name	Remarks
couc	2021-202	22
18IS52	Web Technologies	content revised
18IS554	Object-Oriented Modelling and Design	newly introduced professional electives
18IS62	Machine Learning	content revised
18IS63	Cloud Computing	Content revised
18IS644	Mobile Application Development	newly introduced as professional elective
18ISL67	Cloud Computing Lab	content revised
18IS72	Software Testing	content revised
18IS734	Block Chain Technology	newly introduced professional electives
18IS743	Soft and Evolutionary Computing	newly introduced professional electives
18IS744	Deep Learning	newly introduced professional electives
18ISL76	Software Testing Lab	newly introduced
	2020-20	21
18IS53	Artificial Intelligence	newly introduced as core
18ISL57	DBMS lab	content revised
18IS551	Internet of Things	newly introduced as PE
18ISE011	Machine Learning	newly introduced as OE
18ISE012	Internet of Things	newly introduced as OE
18IS61	Automata theory and Compiler Design	newly introduced
18IS62	Machine Learning	newly introduced as Core
18ISL65	Machine Learning Lab	newly introduced
18ISI68	Industry Internship	newly introduced
18IS642	Digital Image Processing	newly introduced
18IS643	Network and Cyber security	newly introduced

BOS Chairman

Cept of Information Science & Engage Ambedkar Institute of Technology

Bangalore-560 058.

Ph: 23211232, Fax: 080-23217789, E-mail: principal@drait.edu.in, Website: www.drait.edu.in



#### Panchajanya Vidya Peetha Welfare Trust (Regd)

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BDA Outer Ring Road, Mallathalli, Bengaluru - 560 056

Ref. No. AIT ISE 605/2023

Date: 05-01-2023

List of courses where syllabus revision has been carried out

Course code	Course name	Remarks
	2019-2020	
18IS41	Microcontroller and Embedded Systems	content revised
18IS43	Object Oriented Concepts	content revised
18IS44	Python Programming	newly Introduced
18IS45	Computer Network s	Newly Introduced
18ISL46	Object Oriented Concepts Lab	content revised
IS61	Mobile Application Development	newly Introduced
IS63	Cloud Computing	content revised
ISL67	Cloud Computing Lab	content revised
IS72	Internet of Things	content revised
IS73	Big Data Analytics	content revised
ISL76	Big Data And Analytics Lab	content revised
	2018-2019	
ISL36	Digital Principles and logic design lab	content revised
ISL37	Unix and shell programming lab	content revised
IS653	Python Programming	newly introduced as an elective
IS72	Internet of Things	newly introduced as a core
ISL76	Big Data Lab	content revised
IS823	Machine learning and Applications	newly introduced as an elective
	2017-2018	
IS53	Web Technologies	content revised
IS44	Graph theory	newly introduced
IS55	Data Communication	content revised
IS64	Computer Networks	content revised
IS653	Machine learning	newly introduced
ISL76	Cloud Computing and Big Data Lab	newly introduced
IS73	Big Data Analytics	newly introduced

BOS Chairman

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6. Ambedsail - . . of Technology

Bangaiore-550 058.

Principal

Ph: 23211232, Fax: 080-23217789, E-mail: principal@drait.edu.in, Website: www.drait.edu.in

## Dr.AMBEDKAR INSTITUTE OF TECHNOLOGY

## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

The Enclosed documents are verified and approved

HOD, ISE

Sept. of Information Science & Engs.

3. Ambadkar Institute of Technology

Sangalore-560 055.

# DR. AMBEDKAR INSTITUTE OF TECHNOLOGY BANGALORE DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

#### AGENDA OF MEETING:

18-3-2017

- · Approval of Department Vision, Mission, PEOs and POs.
- Framing the Scheme and Syllabus for academic year 2016-2017 (UG and PG).

#### MINUTES OF BOS MEETING HELD ON 18-6-2016.

- 1. Dr B.S.Shylaja, Prof & HOD, dept of ISE welcomed all BOS members with bouquet.
- 2. Dr B.S.Shylaja, HOD, dept of ISE discussed department Vision, Mission, PSOs and PEOs with BOS members. It was suggested to restrict the no. of PSOs to two in number. Dr. Sanjay suggested introducing PSOs with reference to the newly introduced subjects. The PSOs should address those skills that haven't been addressed assessed for attainment in POs.
- 3. Vision, Mission, Program Educational Objectives [PEOs]: Need no revision and approved by BOS members.

## SCHEME AND SYLLABUS FRAMING

- 1. Harshini suggested that three units of JavaScript are not necessary and Harshini and Dr.Prasad suggested to combine Internet Programming and Web Technologies and include Angular JS and JQuery.
- 2. BOS Members were of the opinion that the syllabus has too much of Programming and suggested to reduce it and include more core subjects
- 3. DMS and Graph Theory needs to be separated and introduce subjects like Graph Theory and Linear Algebra.
- 4. IP Lab should be removed. Instead introduce mini project in the third semester.
- 5. Unix and Shell Programming can be made with the lab programs integrated into the practical component of the theory.
- 6. Dr.Anitha suggested that Self study component may be introduced.

- 7. Members were of the opinion to remove python programming or move it as an elective to a higher semester.
- 8. Software Engineering too early to be studied in the Fourth semester and should be moved to higher semesters.
- 9. Dr.Sanjay and Dr.Prasad insisted to have Computer Networks I and Computer Networks II as separated from Information and Network Security.
- 1.0. Mr. Manjunath suggested the introduction of Project Finance and Management.
- 11. Core Java should include JDBC and database connectivity and suggested the removal of Swings and Applets.
- 12. Introduce IOT and Python Programming as an elective.
- 13. Move cloud computing as lab.Introduce OOMD in core subjects
- 14. Harshini M expressed that PERL & CGI to be removed.
- · 15. Mr.Manjunath suggested the introduction of Project Finance and Management.
- 16. Core Java should include JDBC and database connectivity and suggested the removal, of Mr.Manjunath suggested the introduction of Project Finance and Management.
- 17. Dr B.S shylaja requested Harshini M to assist in framing the syllabus of Java Programming and web technologies as per the industry needs and also to engage the classes for the students ,covering the syllabus of one/two units.
- 18. Dr Shylaja S.S suggested to reduce the number of subjects to one in final year and give more scope for project.
- 19. Do not introduce Software Testing Lab
- 20. Dr Shylaja B S, BOS Chairperson concluded the meeting by thanking all the BOS members for their active participation.
- 21. & The meeting ended with working Lunch.

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## DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

#### **LIST OF BOS MEMBERS**

#### **UG/PG BOS MEETING**

#### **ACADEMIC YEAR 2017-2018**

	Category	Nomination of the committee	Signature
1	Chairperson	Dr.B.S.Shylaja Professor, Head Of Dept ISE, Dr.AIT.Bangalore	Ash
	,	1. Dr.Prabha.R Assoc.Prof Dept Of ISE, Dr.AIT.Bangalore	Prabby.
150	Internal Members	2. Dr.S.Nagalakshmi Assoc.Prof, Dept Of ISE, Dr.AIT.Bangalore	S-Nagalakshi
		3. Dr.Nandini Prasad K.S Assoc.Prof, Dept Of ISE, Dr.AIT.Bangalore	Madun 18/3/17
	* 1	4. Prof. Vijayalaxmi.R. Patil Asst. Prof, Dept Of ISE, Dr. AIT. Bangalore	Klogit ;
	S of the state of	5.Prof. S.Pushpalatha Asst.Prof, Dept Of ISE, Dr.AIT.Bangalore	S
		6. Prof.Satish Basapur Asst.Prof, Dept Of ISE, Dr.AIT.Bangalore	<b>J</b>
æ		7. Prof Jyothi.S Asst.Prof, Dept Of ISE, Dr.AIT.Bangalore	3. Jolli
		8.Prof. Neeta Natesh Asst.Prof, Dept Of ISE, Dr.AIT.Bangalore	Meetha Dontesh



Subject Experts from outside the college nominated by Academic council	1 Dr. Sanjay HOD Dept of ISE NIITE MEENAKSHI, Bangalore sanjay.ha@nmit.ac.in Mob: 9342560303	HM
	Professor &HOD Dept of CSE M.S.Ramaih Institute of Technology Bangalore anithak@msrit.edu Mobile: 9845899681	Three
	Professor and Associate Dean (CS/Telluster) BMSCE, Bangalore, drbgprasad@gmail.com Mob No: 9880064699	10/3/17
	Professor RV College of Engineering Bangalore Mob No: 8497042779 Mail-ID: ashokkumarar@rvce.edu.in	Conc.
Subject Expert nominated by Vice Chancellor of VTU	Prof, & HOD, Dept of ISE SIBIT, Bangalore. Mob: 47390-99709 hsmohan@Sibit, Edu.in.	P CH
Representative from Industry/corporate sector/allied area related	1.Mr.Manjunath Winfoware Technologies, Bangalore. manju@winfoware.com Mob No: 9845091035	(00. B. COS.N
academic council	Manager Infosys Email id: mruthyunjay.bidanur.mutt@infosys.com Mob No: 9916139133	AUSLENT
	UI Lead-IBM Products Email id: harshini.prakash@gmail.com Mob No: 9916736656	danti
Post Graduate meritorious Alumnus nominated by Principal	Sunil .Kumar B Assoc S/W Engineer TCS Email id: sunilkumarsuni1991@gmail.com Mob No: 8147840392	Gunil Lunco: B.K
	Subject Expert nominated by Vice Chancellor of VTU  Representative from Industry/corporate sector/allied area related to placement nominated academic council	outside the college nominated by Academic council  HOD Dept of ISE NIITE MEENAKSHI, Bangalore sanjay.ha@nmit.ac.in Mob: 9342560303  2. Dr. Anita Kanavalli Professor & HOD Dept of CSE M.S.Ramaih Institute of Technology Bangalore anithak@msrit.edu Mobile: 9845899681  3. Dr. B.G.Prasad, Professor and Assaciate Dean (CSMediuster) BMSCE, Bangalore, drbgprasad@gmail.com Mob No: 9880664699  4. Dr. Ashok Kumar A R. Professor RV College of Engineering Bangalore Mob No: 8497042779  Mail-ID: ashokkumarar@rvce.edu.in  Dr. Molaca H.S. Prof. & Hod., Dept of ISE SIBIT Bangalore Mob No: 937390-99709  Representative from Industry/corporate sector/allied area related to placement nominated academic council  Representative form Industry/corporate sector/allied area related to placement nominated academic council  I.Mr.Manjunath Winfoware Technologies, Bangalore manju@winfoware.com Mob No: 9845091035  2. Mruthyunjay Bidanur Mutt Manager Infosys Email id: mruthyunjay.bidanur.mutt@infosys.com Mob No: 9916139133  3. Harshini M. UI Lead-IBM Products Email id: harshini.prakash@gmail.com Mob No: 9916736656  Post Graduate meritorious Alumnus nominated by Principal  Sunil Kumar B  Assoc S/W Engineer TCS Email id: sunilkumarsuni1991@gmail.com

Chairperson (BOS) Chairperson (BOS)

Dean (Autonomous)

# DR. AMBEDKAR INSTITUTE OF TECHNOLOGY BANGALORE DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Date: 26-6-2018

#### AGENDA OF UG/PG BOS MEETING FOR ACADEMIC YEAR 2018-2019

- UG Scheme and Syllabus framing for academic year 2018-2019 for 200 credits
- UG Scheme framing for academic year 2018-2019 for 175 credits
- PG Scheme and Syllabus framing for academic year 2018-2019 for 100 credits (III & IV Sem-MTech- CNE)
- PG: MTech (Computer Network Engineering) Scheme structure design for academic year 2018-2019 for 88 credits.
- PG: MTech (Cyber security and Internet Security) Scheme design for academic year 2018-2019 for 88 credits.

### MINUTES OF BOS MEETING HELD ON 20-6-2018.

Dr B.S.Shylaja, chairperson ,Prof & HOD, dept of ISE welcomed all UG/PG BOS (External and Internal) members. All the members gave their brief introduction and the introduction was followed by the discussion for scheme and syllabus framing.

## SCHEME AND SYLLABUS FRAMING -200 Credits (UG)

## SECOND YEAR SCHEME AND SYLLABUS(( 200 Credits)

#### **III and IV SEMESTER**

- 1. Dr Komathy suggested to include tutorial to Computer Organisation and Architecture (COA) instead of Data structures using C because there is lab also for the same.
- 2. No major changes were suggested for III and IV sem and expressed the opinion that the changes may be brought in for 175 credit structure.

#### THIRD YEAR SCHEME AND SYLLABUS (200 Credits):

#### V and VI SEMESER:

- Dr Anjan K suggested to include MONGO DB as a separate unit in DBMS of V- sem.
- 2. Dr B G Prasad suggested to remove the tutorial for JAVA in V sem.
- 3. Dr Komathy suggested to use the Web tools and the exercises in the lab should be related to theory in VI sem.
- 4. Dr B G Prasad and Mr Sunil Kumar B suggested to include Python programming in place of USP subject and introduce tutorial for python in V sem
- 5. Mr Satish Basapur insisted that knowledge of USP is very much needed for understanding APIs in Cloud computing and Mobile application development courses which are core courses in sixth semester.
- 6. Dr Komathy and Dr Anjan K suggested to highlight about virtualization in Cloud computing lab.

#### FINAL YEAR SCHEME AND SYLLABUS (200-credits)

#### VII and VIII Sem

- 1. **Dr.Mohan H. S and all other external members** expressed that BDA theory and Lab syllabus are related and appreciated the introduction of R programming in the BDA lab syllabus of VII Sem.
- Mruthyunjay Mutt Bidanur suggested to replace IoT in VII sem by Software testing in VII Sem
- 3. Mruthyunjay Mutt Bidanur also suggested to introduce software testing Lab in VII Sem

## NEW SCHEME AND SYLLABUS FRAMING (175 Credits){2018 -2022}

## SECOND YEAR SCHEME AND SYLLABUS((175 - Credits)

#### III and IV SEMESTER

- 1. Dr Anjan K and Dr B G Prasad suggested to remove few subjects as there are many courses .
- 2. Dr Anjan K and Dr B G Prasad suggested to include OOPS with Java instead of OOPs with C++ in IV th Sem.
- 3. Anjan K and Dr. B G Prasad emphasised to include study of some software tools in Software Engineering course.
- 4. Dr B G Prasad suggested to remove MPMC course and include some portion of MPMC to COA.

## THIRD YEAR SCHEME AND SYLLABUS (175 Credits):

#### V & VI SEMESTER:

- Dr Komathy suggested to offer only one computer network syllabus instead of Data communication and computer Networks and suggested to offer operating system in IV sem in stead of V sem
- 2. Dr Anjan and Dr Komathy suggested to offer Advance Data Structure (ADS) in any of the semesters as a professional elective
- 3. Dr.Mohan H. S and Mr Mruthyunjay Mutt Bidanur suggested to introduce Graphics and image processing as elective in VI sem

## FOURTH YEAR SCHEME AND SYLLABUS (175-credits)

#### VII and VIII SEMESTER

- Dr B G Prasad , Dr Anjan K and and Dr Komathy strongly recommended to assign credits for Project phase I.
- 2. Dr Komaty suggested to include AI as an elective in VII sem and Artificial Neural Network(ANN) in VIII sem
- 3. Dr Anjan & Dr Komathy suggested to offer Advance Data Structure (ADS) in any of the semesters.
- Dr B. G Prasad suggested to combine the course of Software Architecture and Software testing as a single course and frame the syllabus with two units of SA, and 3 units of software testing

- All BOS members suggested to include LABs for program related subjects in the same semster.
- Dr B. G Prasad, Dr Komathy and Dr Anjan strongly recommended to remove few courses from III sem to VI sem, as there are many courses and suggested to include lab and theory together as one course instead of treating as separate courses.

#### PG SCHEME & SYLLABUS: MTech CNE & MTech CFIS

#### (Cyber Forensics and Internet Security)

#### PG CNE Scheme and Syllabus : Academic year 2018-2019 for 100 credits

#### (III & IV Sem-MTech- CNE)

1. No major changes were suggested for III and IV sem and expressed the opinion that the changes may be brought in for 88 credit structure.

## PG: MTech CNE Scheme: Academic year 2018-2019 for 88 credits [2018-2020]

#### (I-IV Sem-MTech-CNE)

Dr.Komathy, Mr Mruthyunjay Mutt Bidanur, Dr Mohan, Dr B G Prasad suggested to include more labs for PG students.

## PG: MTech CFIS Scheme: Academic year 2018-2019 for 88 credits

- 1. Dr.Komathy, Dr Mohan H. S suggested to include Advanced Data structure, Advanced DBMS, Advanced Computer Networks for PG: MTech in Cyber Forensics and Internet Security (CFIS) program as core as the students admitted may be from different UG streams of Engg.such as E&C,TC, CS& IS .
- 2. Dr B. G Prasad insisted more on Integrated courses for PG students.
- 3. Dr.Anjan suggested to include Machine Learning as core.
- 4. Dr.Komathy suggested to make the Risk Assessment and Audits as a core rather than elective.
- 5. Dr B. G .Prasad & Dr.Komathy suggested to include Decision Support System as elective.
- 6. Dr Komathy suggested to include artificial neural networks as elective.
- · Dr Shylaja B.S, BOS Chairperson, Prof & HOD concluded the meeting by thanking all the BOS members for their active participation.
- The meeting concluded with working Lunch.

HOD, ISE

HEAD

Cept. of Information Science & Engg. gt. Ambedkar Institute of Technology Bangalore-550 054.



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# Department of Information Science and Engineering <u>List of BOS Members</u>

## UG/PG BOS Meeting for Academic Year 2018-2019

Date: 20-06-2018

S.No	Category	Name and Designation	Signature
1	Chair Person	Dr.B.S.Shylaja Prof & Head of Dept ISE, Dr AIT, Bengaluru Mob No: 9538881302 shyla.au@gmail.com	2016/28
2	Internal BOS Member	Dr.Prabha.R Prof, Dept of ISE, Mob No:6362019924 heshakil@yahoo.com	Poolsha.
	Internal BOS Member	Mrs Vijayalaxmi.R.Patil Asst.Prof, Dept of ISE Mob No: 9844267424 vijumalghan@yahoo.co.in	platif
	Internal BOS Member	Mrs S.Pushpalatha Asst.Prof, Dept of ISE Mob No: 9886157588 pushpahemu@gmail.com	S. Puchpolatha
	Internal BOS Member	Mrs Vidyarani H. J Asst.Prof, Dept of ISE Mob No: 8050284845 vidyagau@gmail.com	S. Prehpolatho 20 16/18
	Internal BOS Member	Mrs Shilpa Biradar Asst.Prof, Dept of ISE 7022640685 shilpaiseait@gmail.com	Disard.
	Internal BOS Member	Mr Satish Basapur Asst.Prof, Dept of ISE Mob No: 9886563814 satish.basapur@gmail.com	STOLLY.
	Internal BOS Member	Mrs Neeta Natesh Asst.Prof, Dept of ISE Mob No: 9731218666 neetha.natesh.pes@gmail.com	A
	Internal BOS Member	Mrs Vanishree Abhay Asst.Prof, Dept of ISE Mob No: 9844845787 vanishreeabhay@gmail.com	Vanishru A

3	Subject Experts from outside the college nominated by Academic council	1. Dr. Sanjay HOD Dept of ISE, NITTE MEENAKSHI, Bangalore 9342560303 sanjay.ha@nmit.ac.in	ABSTON T
	Subject Experts from outside the college nominated by Academic council	2. Dr. Anjan.K Associate Professor, Dept of ISE DSU- Bangalore 9731317861 anjan-ise@dayanandasagar.edu	20/6/2018
	Subject Experts from outside the college nominated by Academic council	3. Dr. B.G.Prasad, Professor and Associate Dean (CS/IS Cluster) BMSCE, Bangalore, 9880064699 drbgprasad@gmail.com	20/6/18
	Subject Experts from outside the college nominated by Academic council	4. Dr Komathy. K Director, center for ICT enabled education AMIT Deemed tobeUniversity Chennai, Tamilnadu 94449920481 ithod@ametuniv.ac.in	m-~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
4	Subject Experts nominated by Vice Chancellor of VTU	Dr Mohan H S Professor,&Head, Dept ISE, SJBIT Bangalore 9739099709 hsmohan@sjbit.edu.in	20/6/16.

5	Representative from Industry/corpo rate sector/allied area related to placement nominated academic council	1.Mr.Manjunath Winfoware Technologies,Bangalore  9845091035 manju@winfoware.com	ARS ENT
	Council		,
	Representative from Industry/corpo rate sector/allied area related to placement nominated academic council	2. Mruthyunjay Bidanur Mutt  Manager Infosys 9916139133 mruthyunjay.bidanur.mutt@inf osys.com	S.S. 2016/2018
	Representative from Industry/corpo rate sector/allied area related to placement nominated academic council	3 Harshini M. UI Lead-IBM Products 9916736656 harshini.prakash@gmail.com	ARSINT
6	Post Graduate meritorious Alumnus nominated by Principal	1. Sunil .Kumar B Assoc S/W Engineer TCS 8147840392 sunilkumarsuni1991@gmail.com	Gunterlinae Ble



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# Department of Information Science and Engineering

## UG/PG BOS Meeting held on 1/06/2019

Agenda: To discuss UG & PG scheme and syllabus for the academic year 2019-2020

### MINUTES OF MEETING

# PG/UG BOS Meeting of Department of ISE - Academic Year 2019-2020

Dr. M.V Vijaya Kumar the chairperson of the BOS committee, welcomed all committee members which included the external and internal BOS members. Dr M V Vijaya Kumar, Prof & HOD, Dept of ISE described the importance of 175 credits structure of UG. Mrs Vijayalaxmi R Patil BOS coordinator(UG) briefed about Vision Mission, PEOs, PSOs and POs of the ISE department.

## III-SEM & IV Sem BE (24 + 24 Credits)--- 175 Credits

- 1. Dr D V Ashoka, VTU nominee suggested to shift GT of III sem to 4 th sem.
- 2. Dr Manjaiah suggested to include any IS related subject in place of GT.
- 3. Dr D V Ashoka, VTU nominee suggested to add ARM processors in Microprocessors & Microcontroller in IV th Sem.
- 4. Dr Manjunath T N Suggested to combine Graph theory concepts with Data Structures/DMS.
- 5. Dr D V Ashoka, VTU nominee suggested to divide Computer networks into 2 parts as Datacommunication and Computer networks.
- 6. Mr Murali Manohar Mishra from Mentee institute, IET, Faizabad suggested to make OOPs with C++ / JAVA.
- 7. Industry experts Mr Prasanna and Mr Nithin from TCS iON suggested to make OOPs with C++ as Object Oriented Concepts. Dr D V Ashoka, also expressed his consent
- 8. Dr Manjaiah & Dr D V Ashoka suggested to rename the lab as Object Oriented Programming Lab and allow the students to implement the program in C++/ JAVA

- 9. Dr Manjunath T N suggested Object Oriented Programming can be taught with Java. And also Suggested to include Scripting language at 4<sup>th</sup> sem such as Python.
- 10. Dr D V Ashoka suggested to use Software Engineering Text book authored by "Pressman" for some required topic as a reference book.
- 11. Mrs Sindhu T suggested to include C and C++ basics in First Year syllabus.
- 12. Prof R C Hansdah suggested to include Abstract Algebra in 3<sup>rd</sup> sem as a part of Discrete Mathematics instead of Graph theory.
- 13. Mr. Prasanna B S suggested to introduce Advanced Algorithms to improve logical thinking of students.

#### V-SEM & VI Sem BE (25 + 25 Credits)----200 Credits

- 14. Mr Murali Manohar Mishra & Dr D V Ashoka suggested to include Theory of computation and Complier Design in different semesters.
- 15. Dr Manjaiah suggested that content of syllabus should be uniform and suggested to refer latest books related to contents and suggested to use open source software tools for computer networks and specialized subjects.
- 16. Mr Prasanna, Industry expert, suggested not to overlap the subject content of related subjects like IoT, Cloud Computing, data communication, Web Technologies which are studied in different semesters.
- 17. Mrs Sindhu T suggested to make Artificial Intelligence ,Machine Learning and cloud Computing as core subjects in 3<sup>rd</sup> year.
- 18. Mr Nithin G suggested to use google Cloud for Cloud Computing Lab and also suggested to give more importance for practical environment.

## VII-SEM & VIII Sem BE (22 + 28 Credits)----200 Credits

- 19. Dr Manjaiah suggested to rename Java Programming IDE as Java Technologies in 8th sem.
- 20. Mrs Sindhu T suggested to encourage the final year students of both UG and PG to do project work on Data analytics, Machine Learning and Web Applications

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## PG- COMPUTWER NETWORKENGINEERING (88- Credits)

- Mr Nithin G suggested to use google Cloud for Cloud Computing Lab and also suggested to use PyCharm & Anaconda environment.
- Dr Manjaiah suggested to use Microsoft Azure account.
- 3. Mr Prasanna & Mr Nithin , the industry experts suggested to include software defined environment in SOA.
- Mr Nithin G suggested to emphasise the same domain for internship and project work for PG students
- Mr Nithin G suggested to sign MOUs with industries which helps students to earry out the projects

#### PG- CYBER FORENSICS AND INFORMATION SECURITY ((88- Credits)

- 1. Dr Ashok DV suggested to add more concepts w.r.t. security.
- Dr Ashok DV suggested to add subjects like embedded systems, supply chain management, Bloch chain Technology & Storage area networks for CFIS syllabus.
- 3. Dr Manjaiah suggested to use popen source tools for ethical hacking .
- 4. Dr Manjaiah suggested to include security aspects w.r.t SAN .
- Prof R C Hansdah stated that Advance Networking Lab should include containers and Dockers to experiment with networking.
- Prof R C Hansdah suggested to refer recent O'ralley publication for secured Programming.
- Mr Nithin G suggested to emphasise the same domain for internship and project work for PG students.
- Mr Nithin G suggested to make sure that PG is more research oriented and introduce industry oriented lab.

The BOS chairman Dr M V Vijaya Kumar concluded the BOS meeting and thanked all the BOS members for their active participation. The meeting ended with working lunch.

Oept of InforHOD, ISE and & Engs or, Ambediar Institute of Technology Bangulura-500 058.

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## Department of Information Science and Engineering List of BOS Members UG/PG BOS Meeting for Academic Year 2019-2020 Date: 1-06-2020

S.No	Category	Name and Designation	Signature
I	Chair Person	Dr M V VijayaKumar Prof & HOD,Dept of ISE	4 el
II 1	Internal BOS Member	Dr AIT, Banguru  Dr.B.S.Shylaja  Prof & Head of Dept ISE, Dr AIT, Bengaluru  Mob No: 9538881302  shyla.au@gmail.com	Ser lolis.
2	Internal BOS Member	Dr.Prabha.R Prof, Dept of ISE, Mob No:6362019924 heshakil@yahoo.com	books . 16/19.
3	Internal BOS Member	Dr.Nandini Prasad K.S Prof, Dept of ISE Mob No: 9731397880 nandiniprasad.ks@dr-ait.org	Mandry
4	Internal BOS Member	Mrs Vijayalaxmi.R.Patil Asst.Prof, Dept of ISE Mob No: 9844267424 vijumalghan@yahoo.co.in	Wholing 19.
5	Internal BOS Member	Mrs S.Pushpalatha Asst.Prof, Dept of ISE Mob No: 9886157588 pushpahemu@gmail.com	S. Pushpalatho
6	Internal BOS Member	Mrs Vidyarani H. J Asst.Prof, Dept of ISE Mob No: 8050284845 vidyagau@gmail.com	violegay Ovi
7	Internal BOS Member	Mr Satish Basapur Asst.Prof, Dept of ISE Mob No: 9886563814 satish.basapur@gmail.com	B-116/19
8	Internal BOS Member	Mrs Neetha Natesh Asst.Prof, Dept of ISE Mob No: 9731218666 neetha.natesh.pes@gmail.com	A

11.11	Subject	1.75	
	Experts from outside the college nominated by Academic council	1. Dr. Sanjay HOD Dept of ISE, NITTE MEENAKSHI, Bangalore 9342560303 sanjay.ha@nmit.ac.in	ABSENT
2	Subject Experts from outside the college nominated by Academic council	Dr. Manjaiah D. H Professor & Chairman Dept of CSE Mangalore University Mangalore: E mail id :manju@mangaloreuniversity.ac. in_Mobile: 9449444638	0100 2019
3	Subject Experts from outside the college nominated by Academic council	Dr R. C.Hansdah  Posfessor  Associate Prof  Dept of Computer Science and Automation, IISc, Bangalore  Email id: <a href="mailto:hansadah@iisc.ac.in">hansadah@iisc.ac.in</a> Mob No: 9449838442	R.C. Hansdell 01/06/2019
4	Subject Experts from outside the college nominated by Academic council	. Dr Manjunath T N Professor & Dean (External relations)BMSIT,Bangalore	April 1/6/19
IV.1	Subject Experts nominated by Vice Chancellor of	JSSATE ,Bangalore	A 16/19.
V	7.1 Representati from Industry/cor rate sector/allied area related placement nominated academic council	po Vice President & Managin Director Micro Focus, Bangalor	ABSENT

2	Representative from	Mr Prasanna B S	
	Industry/corpo	Software Architect	ا ا
1	sector/allied area related to	Synamedia, Bangalore	Jan
	placement	Emailid:	
	nominated academic	pbalgar@synamedia.com	
	council	Mob No :9845363469	
3	Representative from	Mr Nithin	
	Industry/corpo rate	CEO ,TCS iON,	la re
	sector/allied	Bangalore	().
	area related to placement	Email id: nithin@i2r.co.in	U
	nominated academic council	Mob No: 9900785995	
VI.1	Post Graduate	Mrs Sindu T	
	meritorious Alumnus	Senior Software Developer	
	nominated by	Nokia, Bangalore	
	Principal	Emailid:	٠٠.
		sindhuchalam@gmail.com	Q. allu
		Sindhu.1.t@nokia.com	Sirollu- P.
VII.1		Mob No : 9738523343	1
	BoS Member	Murali Manohar	1.
	from Mentee		
	Institute:	Asst Professor, Dept of IT, IET, Ayodhya, UP	Lumb.
	IET, Ayodhya,UP		

# Department of Information Science and Engineering

Board of Studies (BOS) Online Meeting held on 14-8-2020 from 10:30 AM to 12:30 PM for (Academic Year 2020-2021.)

## Agenda for the meeting:

- Vision, Mission, PEOs, PSOs, POs
- Discussion & Review of Scheme & Syllabus UG for academic year 2020-2021
- Discussion & Review of Scheme & Syllabus PG for academic year 2020-2021

#### 3OS Members who attended Meeting:

SL. No	Category	Name & Designation	Attended
1.	Chairperson	Dr M.V. Vijayakumar Professor and HOD, Dept of ISE, Dr AIT, Bengaluru Dr.vijay.research@gmail.com Mob No:9731443839	Yes
2	External BOS Member (Subject Experts)	1.Dr. Sanjay , HOD Dept of ISE, NIITE Meenakshi ,Bangalore sanjay.ha@nmit.ac.in, Mob: 9342560303	Yes
3	_	2. Dr. Manjaiah D. H, Professor & Chairman, Dept of CSE Mangalore University Mangalore  manju@mangaloreuniversity.ac.in Mobile: 9449444638	Yes
4		3. Dr R. C.Hansdah Prof, Dept of Computer Science and Automation, IISc, Bengaluru hansadah@iisc.ac.in Mob No:9449838442	Yes
5		4. Dr Manjunath TN, Professor & Dean (External relations), BMSIT, Bangalore, manju.tn@bmsit.in Mob No:8497042779	Yes
6	Subject Expert nominated by Vice	Dr Ashoka D V, Professor, Dept CSE/ ISE, JSSATE, Bangalore ashok d v@rediffmail.com	Yes

	Chancellor of VTU	Mob No: 9739760069, 9448851159	
,			,
	Representative from Industry/corporate sector	1.Mr Sreehari, Vice President & Managing Director Micro Focus, Bangalore sreehari@microfocus.com Mob Nov 0845161447	No
8		Mob No: 9845161447	
		2.Mr Prasanna B S, Software Architect, Synamedia, Bangalore Email id: <u>pbalgar@synamedia.com</u> , Mob No: 9845363469	Yes
9			
		3.Mr Nithin ,CEO ,TCS iON, Bangalore Email id: <u>nithin@i2r.co.in</u> Mob No: 9900785995	No
10	Post Graduate meritorious Alumnus nominated by Principal	1.Mrs Sindu T,Senior Software Developer ,Nokia , Bangalore sindhuchalam@gmail.com Sindhu.1.t@nokia.com Mob No: 9738523343	Yes
11	BOS Member from Mentee Institute:IET, Ayodhya,UP	Mr. Murali Manohar Sharma, Asst Prof, Dept of IT, IET, Ayodhya, UP EmailId: <a href="mailto:sharmamurli004@gmail.com">sharmamurli004@gmail.com</a> _Mob No: 7727891455	Yes
12	Internal BOS Members	1.Dr Shylaja B S, Professor, Dept of ISE, Dr AIT, Bengaluru shyla.au@gmail.com Mob No: 9538881302	Yes
13		2. Dr Nandini Prasad K.S, Professor, Dept of ISE, Dr AIT, Bengaluru nandiniprasad.ks@dr-ait.org Mob No:9731397880	Yes
14		3. Mrs Vijayalaxmi R Patil ,Asst Professor, Dept of ISE, Dr AIT, Bengaluru vijumalghan@yahoo.co.in Mob No: 9844267424	Yes
5		4. Mrs Pushpalatha S, Asst Professor, Dept of ISE, Dr AIT, Bengaluru  pushpahemu@gmail.com Mob No: 9886157588	Yes
6		5. Mrs Vidyarani H J, Asst Professor, Dept of ISE, Dr AIT, Bengaluru vidyagau@gmail.com Mob No: 8050284845	Yes

17	6. Dr Shilpa Biradar ,Assistant Professor, ,Dept of ISE, Dr AIT, Bengaluru <a href="mailto:shilpaiseait@gmail.com">shilpaiseait@gmail.com</a> Mob No: 7022640685	Yes
18	7. Mr. Satish Basapur ,Assistant Professor Dept of ISE, Dr AIT, Bengaluru satish.basapur@gmail.com Mob No:9886563814	Yes
19	8. Mrs Neetha Natesh ,Assistant Professor Dept of ISE, Dr AIT, Bengaluru neetha.natesh.pes@gmail.com Mob No: 9731218666	Yes

# Minutes of Meeting of Online BOS Meeting held on 14/8/2020 FROM 10.30 AM -12.30 PM

Dr. M.V Vijayakumar, Professor and HOD, ISE, Chairperson of Board of Studies (BOS) welcomed all the BOS members and faculty of ISE dept for the online meeting.

Mrs Vijayalaxmi R Patil , Asst Prof , BOS coordinator presented the syllabus which was discussed and reviewed in Department Advisory Board(DAB) meeting . The presentation began with a welcome to BOS members. Vision , Mission , PEOs, PSOs and POs of ISE department were presented .The scheme and syllabus of UG program for academic year 2020 - 2021 was presented and the changes made in the syllabus were highlighted. Mrs Neetha Natesh , BOS coordinator presented the PG syllabus (CNE & CFIS) and highlighted the changes made in syllabus.

- Dr Sanjay suggested that syllabus of Discrete Maths & Numerical Methods is too vast and need to be taught as separate subjects and syllabus content must must be reduced.
- Dr Manjunath T N & Mr. Murali Manohar Sharma appreciated inclusion of AVL trees ,Red Black trees introduced in uint 4 of Data Structures with C. Dr R. C. Hansdah mentioned that Red Black trees are used in Linux & need to be dealt in detail.
- Dr. Manjunath T N & Dr Sanjay mentioned that COs, CO- PO Mapping of entire syllabus need be reviewed and program attainment to be verified.
- Dr Sanjay & Mr Muruli Sharma suggested not to combine Automata Theory and Compiler Design as both are heavy weight subjects.

- Mrs Sindhu T gave a suggestion to shift Web Technologies ,comparatively lighter subject to 4th Sem.
- Dr. Majnunath T N & Mr Muruli Sharma suggested to push Artificial Intelligence to 6th Sem, Web wtechnologies to 4th sem and Computer Networks to 6th sem.
- Dr R.C.Hansdah & Dr. Manjaiah D. H expressed that hardware exposure to 64bit architecture is required. Even though 4th sem has Microcontroller Embedded Systems, Operating System syllabus does not contain 64bit architecture.
- Dr R. C.Hansdah also expressed that order of subjects required to be as- Microcontroller
   & Embedded Systems, Operating Systems, Computer Networks. Mentioned that knowledge of Internet not reflected in detail in syllabus
- Dr R. C.Hansdah suggested to remove classical encryption and to include number theory
   & ECC in public key cryptography in Network and Cyber Security.
- Dr. Sanjay H A mentioned that MOOC Elective is not included (AICTE 15 credits for Electives to be incorporated)
- Dr. Manjunath T N mentioned about the accommodation of BE Honors program
- Dr. Sanjay suggested to have bridge course to make students understand fundamentals of Computer networks in 1st Sem PG CNE so that students from electrical stream will not find difficulty in understanding Advanced computer networks.

Dr. M.V Vijayakumar, Prof & HOD, BOS chairperson concluded the meeting with vote of thanks. HOD thanked all the BOS members for their active participation and valuable suggestions.

Dr. M. Wijaya Kumar

Professor & HOD, Department of ISE

Dr. Ambedkar Institute of Technology
Bengaluru - 560 056. Karnataka, Isaa

## **DNLINE MEETING INFORMATION**

Dr.AIT Department of ISE BOS Meeting Aug-2020

Fri Aug 14, 2020 10:30am - 1:30pm India Standard Time - Kolkata

Dr. Ambedkar Institute Of Technology, BDA, Outer Ring Rd, Near, Gnana Bharathi,

Bengaluru, Karnataka 560056, India (map)

laming info Join with Google Meet

Where

meet.google.com/xvm-bfye-qvf

Dr. M. HOD, ISE Ph.D (London)

Professor & HOD, Department of ISE

Ambedkar Institute of Technology

Bengaluru - 560 056. Karnataka, India

(An Autonomous Institution, Aided by Government of Karnataka)

# DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

# LIST OF EXTERNAL AND INTERNAL BOS MEMBERS ACADEMIC YEAR 2020- 2021

#### Date:14/8/2020

Category	Name and Designation and Address  WOR Dept of ISE, Dr AIT, Bengaluru
Chairman	Dr. M.V Vijaya Kumar, Prof and HOD, Dept of ISE, Dr AIT, Bengaluru  Dr.vijay.research@gmail.comMob No:9731443839
Subject Experts from outside the college nominated	1.Dr. Sanjay, HOD Dept of ISE, NIITE Meenakshi, Bangalore Email id: <a href="mailto:sanjay.ha@nmit.ac.in">sanjay.ha@nmit.ac.in</a> , Mob: 9342560303
by Academic council	2. Dr. Manjaiah D. H,  Professor & Chairman, Dept of CSE Mangalore University Mangalore  E mail id: <a href="mailto:manju@mangaloreuniversity.ac.in">manju@mangaloreuniversity.ac.in</a> , Mobile: 9449444638
	3. Dr R. C.Hansdah Prof, Dept of Computer Science and Automation,
	Email id: <a href="mailto:hansadah@iisc.ac.in">hansadah@iisc.ac.in</a> Mob No:9449838442  4. DrManjunath TN, Professor & Dean (External relations),BMSIT, Bangalore,  EMail-ID: <a href="mailto:manju.tn@bmsit.in">manju.tn@bmsit.in</a> Mob No:8497042779
Subject Experts nominated by Vice	DrAshoka D V, Professor, Dept CSE/ISE, JSSATE, JSSATE, DrAshoka D V, Professor, Dept CSE/ISE, JSSATE,
Chancellor of VIU	Vice President & Managing Director Micro Focus, Bangarer
Representative from Industry/corporate	ionigrafocus comMob No. 9643161
sector	EMail Id:srechari@microroccare  2.Mr Prasanna B S, Software Architect, Synamedia, Bangalore  Email id: pbalgar@synamedia.com, Mob No:9845363469,  Email id: pbalgar@synamedia.com
1.	3.Mr Nithin, CEO, TCS iON, Bangaiore
Post Graduate	Email id: nithin@illr.co.imvide  1.Mrs SinduT,Senior Software Developer ,Nokia , Bangalore ,

Alumnus nominated	Email id: sindhuchalam@gmail.comSindhu,1.t@nokia.com
by Principal	Mob No : 9738523343
BoS Member from Mentee Institute: IET, Ayodhya, UP	Mr. Murali Manohar Sharma, Asst Prof, Dept of IT, IET, Ayodhya, UP  EmailId: <a href="mailto:sharmamurli004@gmail.com">sharmamurli004@gmail.com</a> Mob No: 7727891455  EmailId: <a href="mailto:sharmamurli004@gmail.com">sharmamurli004@gmail.com</a> Mob No: 7727891455
Internal BOS Members	<ol> <li>Dr.B.S.Shylaja, Prof, Dept of ISE, Dr AIT, Bengaluru shyla.au@gmail.com Mob No: 9538881302</li> <li>Dr.Nandini Prasad K.S., Prof, Dept of ISE, Dr AIT, Bengaluru nandiniprasad.ks@dr-ait.org Mob No:9731397880</li> <li>MrsVijayalaxmi.R.Patil, Asst Prof, Dept of ISE, Dr AIT, Bengaluru vijumalghan@yahoo.co.in Mob No: 9844267424</li> <li>MrsS.Pushpalatha, Asst Prof, Dept of ISE, Dr AIT, Bengaluru pushpahemu@gmail.com Mob No: 9886157588</li> <li>Mrs.Vidyarani H. J, Asst Prof, Dept of ISE, Dr AIT, Bengaluru vidyagau@gmail.com Mob No: 8050284845</li> <li>Dr.ShilpaBiradar, Asst Prof, dept of ISE, Dr AIT, Bengaluru shilpaiseait@gmail.com Mob No: 7022640685</li> <li>Mr Satish Basapur, Asst Prof, Dept of ISE, Dr AIT, Bengaluru satish.basapur@gmail.com Mob No:9886563814</li> <li>MrsNeethaNatesh, Asst Prof, Dept of ISE, Dr AIT, Bengaluru neetha.natesh.pes@gmail.com Mob No: 9731218666</li> </ol>

HOD,ISE

or, Ambedkar Institute of Technologistangalore-560 066.



(An Autonomous Institution, Aided by Government of Karnataka)

## Department of Information Science and Engineering

### UG/PG Board of Studies (BOS) Online Meeting held on 17-6-2021 from 11:00 AM to 1:00 PM for (Academic Year 2021-2022)

## Agenda for the meeting:

- Vision, Mission, PEOs, PSOs, POs
- Discussion & Review of Scheme & Syllabus UG for academic year 2021-2022
- Discussion & Review of Scheme & Syllabus PG for academic year 2021-2022.
- Discussion & Review of Scheme & Syllabus of BE honors in Artificial Intelligence.

#### Members who attended Meeting:

SL. No	Category	Name& Designation	Attended
1.	Chairperson	Dr M.V .Vijayakumar Professor and HOD, Dept of ISE, Dr AIT, Bengaluru mvvijay.is@drait.edu.in Mob No:9731443839	Yes
2	External BOS Member (Subject Experts)	1.Dr. Sanjay, HOD Dept of ISE, NIITE Meenakshi, Bangalore sanjay.ha@nmit.ac.in, Mob: 9342560303	Yes
3		2. Dr. Manjaiah D. H, Professor & Chairman, Dept of CSE Mangalore University Mangalore  manju@mangaloreuniversity.ac.in Mobile: 9449444638	Yes
4		3. Dr R. C.Hansdah Prof, Dept of Computer Science and Automation, IISc, Bengaluru hansadah@iisc.ac.in Mob No:9449838442	No
5		4. Dr Manjunath TN, Professor & Dean (External relations), BMSIT, Bangalore, manju.tn@bmsit.in Mob No:8497042779	No

			19
		Dr Ashoka D V, Professor, Dept CSE/ ISE,	Yes
5	Subject Expert	I ICCATE Rangalore	
	nominated by Vice	1 1 1 1 redrediffmail.com	1 2 1
	Chancellor of VTU	Mah No: 9739760069, 9446631137	
		1 Mr Sreehari Vice President & Managing	Yes
	8		
	D tations from	Director Micro Focus, Bangarore sreehari@microfocus.com Mob No: 9845161447	1 18
	Representative from	Sreenan (C) Mobile of	Yes
3	Industry/corporate	2.Mr Prasanna B S, Software Architect,	103
	sector '	Synamedia, Bangalore	1
		pbalgar@synamedia.com, Mob No: 9845363469	No
)		3.Mr Nithin ,CEO ,TCS iON, Bangalore	110
	2.	Email id: nithin@i2r.co.in Mob No: 9900785995	No
0	Post Graduate	Davidoner	110
	meritorious Alumnus	1.Mrs SinduT, Senior Software Developer,	2.0
	nominated by	Nokia, Bangalore	
	Principal	Sindhu.1.t@nokia.com	
	Fillicipai	Mob No : 9738523343	***
1	BOS Member from	Mr. Murali Manohar Sharma, Asst Prof,	Yes
	Mentee Institute:IET,	Dept of IT, IET, Ayodhya, UP Emailld:	37 X
	Ayodhya,UP	sharmamurli004@gmail.com	
	Ayounya, Or	Mob No: 7727891455	***
12	is .	1.Dr Shylaja B S, Professor,	Yes
3.77	E at 10	Dept of ISE, Dr AIT, Bengaluru	
		shylajabs.is@drait.edu.in_Mob No: 9538881302	
13		2. Dr Nandini Prasad K.S, Professor,	Yes
13	100	Dept of ISE, Dr AIT, Bengaluru	
		nandini.is@drait.edu.in Mob No:9731397880	
	2 7.		17.2
4		3. Mrs Vijayalaxmi R Patil ,Asst Professor,	Yes
		Dept of ISE, Dr AIT, Bengaluru	
	Internal BOS	vijayalaxmirp.is@drait.edu.in Mob No : 9844267424	
15	Members	4. Mrs Pushpalatha S, Asst Professor,	Yes
J	*	Dept of ISE, Dr AIT, Bengaluru	
	2× 1	pushpalatha.is@drait.edu.in_Mob No: 9886157588	300
_		5. Mrs. Vidyarani H J, Asst Professor,	Yes
16	*	Dept of ISE, Dr AIT, Bengaluru	
		vidyarani.is@drait.edu.in Mob No: 8050284845	
		viuyaranii.is@uraii.edu.iii 19100 190, 8030284843	1) 
17		6. Dr ShilpaBiradar ,Assistant Professor,	Yes
. /		Dept of ISE, Dr AIT, Bengaluru	
		shilpab.is@drait.edu.in_Mob No: 7022640685	
	1	STATE OF THE PARTY	

19	Internal BOS Members	7. Mr. Satish Basapur ,Assistant Professor Dept of ISE, Dr AIT, Bengaluru satish basapur is@drait.edu.in Mob No:9886563814	Yes
		o. Wirs NeethaNatesh Assistant Professor	Yes
	TR C	Dept of ISE, Dr AIT, Bengaluru	
20	7. X	neetha.is@drait.edu.in_Mob No : 9731218666	
20	Faculty members	1. Dr Chandrakant G Pujari, Professor	Yes
		Dept of ISE, Dr AIT, Bengaluru	
		lavbangalore6@gmail.com Mob No:9845380013	
	20 F	2. Mrs Vanishree Abhay Assistant Professor	Yes
		Dept of ISE, Dr AIT, Bengaluru vanishree.is@drait.edu.in Mob No:9844845787	
		3. Mrs Jyothi. S, Assistant Professor	Yes
	* * * * * * * * * * * * * * * * * * * *	Dept of ISE, Dr AIT, Bengaluru <u>iyothi.is@drait.edu</u> Mob No:90085 33887	
		4. Mrs Malathi P, Assistant Professor	Yes
	- 8	Dept of ISE, Dr AIT, Bengaluru  Malathip.is@drait.edu.in Mob No:7760880325	

### Minutes of Meeting of Online BOS Meeting held on 17/6/2021 FROM 11:00am -1:00 pm

Dr. M.V Vijayakumar, Professor and HOD, ISE, Chairperson of Board of Studies (BOS) welcomed all the BOS members and faculty of ISE department for the online meeting.

Mrs Vijayalaxmi R Patil , Asst Prof , BOS coordinator presented the syllabus which was discussed and reviewed in Preliminary BOS meeting . The presentation began with a welcome to BOS members. Vision , Mission , PEOs, PSOs and POs of ISE department were presented . The scheme and syllabus of UG program for academic year 2021 -2022 was presented and the changes made in the syllabus were highlighted . Mrs Neetha Natesh , BOS coordinator presented the PG syllabus (CNE & CFIS) and highlighted the changes made in syllabus. The scheme and syllabus of BE Honors in Artificial Intelligence was also presented.

- Mr Prasana appreciated Ajile, XP and Scrum portion in the Software Engineering syllabus.
- Mr Sreehari suggested to teach the APIs in Artificial Intelligence rather than teaching too much of Mathematics in AI.

- Mr Sreehari suggested to emphasize the importance of java scripts in Web Technology.
   Also suggested to include Angular JS and React JS in Web Technology syllabus.
- Dr Manjaiah D. H mentioned to include the comparison of different scripting languages such as Java script, CGI Perl. Mr Satish Basapur mentioned that the Perl is being taught in 3rd sem Unix and Shell Programming.
- Dr Nandini Prasad K S explained the changes made in the Machine Learning syllabus of 6th sem and the changes were approved.
- Dr Sanjay and Mr Sreehari suggested to include Dockers and Containers in Cloud Computing Syllabus of 6th sem.
- Mrs Jyothi.S explained the changes made in the 4th unit of Cloud Computing syllabus and Cloud Computing Lab syllabus of 6th sem and changes were approved.
- Mr Sreehari appreciated for including performance based program in Software Testing
  Lab of 7th sem and also RAID in Operating System of 5th sem. He suggested to include
  Security related subjects like Data security in UG syllabus.
- Dr Ashoka D V suggested to maintain proper flow of the content in the syllabus and also to maintain proper flow of subjects in curriculum as a whole.
- Dr. Manjaiah D. H suggested to include complete information about the Text Books prescribed in the syllabus (Authors, Publisher, Edition Year of publication etc).
- Mr. Murali Manohar Sharma suggested to include buffer flow concept in Secured Programming syllabus of Mtech (CFIS) 2 nd Semester.
- Dr. Manjaiah D. H suggested to verify the program outcomes and learning outcomes of B. E Honors program for which Dr Shylaja B S mentioned that Program outcomes & PSOs would be defined for the Honors program.

Dr. M.V Vijayakumar, Prof &HOD, BOS chairperson concluded the meeting with vote of thanks. HOD thanked all the BOS members for their active participation and valuable suggestions.

18-6-2021

HOD,ISE

HEAD

Dept. of Information Science & English. Ambedkar Institute of Technology Bangalors-560 058.

## ONLINE MEETING INFORMATION

## **Department of ISE BOS Meeting**

When Thu Jun 17, 2021 11am – 1pm India Standard Time - Kolkata

Where Bengaluru, Karnataka, India (map)

Joining info Join with Google Meet

meet.google.com/keq-ffmr-xfb