

## DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 03-06-2022

Minutes of the Eleventh Board of Studies (Information Technology) meeting held online on 03-06-2022 through Zoom Meet from 10:30 AM onwards;

### Members present:

1. Prof. K. Shyamala, Professor, CSE Dept., UCE, O.U, Hyderabad.
2. Prof. O.B.V. Ramanaiah, Professor, CSE, Dept. of CSE, JNTUH(A), Hyderabad
3. Mr. Praveen Tammana, Assistant professor, Department of Computer Science & Engineering, IIT Hyderabad.
4. Dr. Raghavendra Kune, Scientist 'SG', Head, High Performance Computing and Drones, ADRIN, ISRO, Hyderabad
5. Ms. G. Gayathri, Team Lead, Amazon Development Center
6. Mr. Mahesh Sale, CEO, VM Technologies, Hyderabad
7. Mr. Akash Sinha, Head, Learning and Development L4G, Hyderabad
8. Prof. P. Suresh, Professor, IT Dept., CBIT, Hyderabad.
9. Prof. K. Radhika, Professor, IT Dept., CBIT, Hyderabad.
10. Dr. M. Venugopala Chari, Associate Professor, IT Dept., CBIT, Hyderabad.
11. Ms. K. Sugamya, Assistant Professor, IT Dept., CBIT, Hyderabad.
12. Ms. A. Sirisha, Assistant Professor, IT Dept., CBIT, Hyderabad.
13. Dr. M. Trupthi, Assistant Professor, IT Dept., CBIT, Hyderabad.
14. Ms. T. Prathima, Assistant Professor, IT Dept., CBIT, Hyderabad.
15. Dr B. Veera Jyothi, Assistant Professor, IT Dept., CBIT, Hyderabad.
16. Mr. V. Santhosh, Assistant Professor, IT Dept., CBIT, Hyderabad.
17. Mr. K. Gangadhara Rao, Assistant Professor, IT Dept., CBIT, Hyderabad.

### AGENDA

1. Confirmation of the minutes of the Tenth BoS(IT) meeting held on 17/4/2021.
2. Approval of the scheme and syllabus for V to VIII Semesters of B.E.(IT) program as per R20 Regulation.
3. Approval of the list of courses to be considered for the award of B.E.(IT) Honors degree.
4. Approval of the list of courses to be considered for the award of Additional Minor Engineering degrees offered by the department.
5. Approval of the syllabus of the open elective courses offered to other UG programs
6. Any other item with the permission of the chair

Dr. K.Radhika, Chairperson, Board of Studies (IT) welcomed the members of the Board and conducted the proceedings:

**Item 1: Confirmation of the minutes of the Tenth BoS (IT) meeting**

The Minutes of the Tenth BoS (IT) meeting held on 17-04-2021 are confirmed.

**Item 2: Approval of the scheme and syllabus for V to VIII Semesters of B.E. (IT) program as per R20 Regulation.**

The proposed R-20 scheme for V to VIII Semesters of B.E. (IT) Program is approved with the following recommendations:

- a) To include the topic "Introduction to JSON objects" in unit II of "Full Stack Development" Course.
- b) To change the title of the course "Computer Networks Lab" to "Networks and Security Lab".
- c) To modify the course title of "Spring Boot" to "Micro services with Spring Boot" and to include this course under Professional Elective 3 and shift "Augmented Reality and Virtual Reality" course under Professional Elective 2.
- d) To rename the Elective Track IV to "Networks and Security".
- e) To include the topic "Introduction to Graph Databases" in the course "Advanced Databases".

**Item 3: Approval of the list of courses to be considered for the award of B.E. (IT) Honors degree.**

The proposed list of courses for the award of B.E. (IT) Honors degree are presented to the members for approval. The chairperson also mentioned that these courses will be updated from time to time depending on the availability of the relevant courses on the MOOC's platforms.

This list of courses can be accessed through the following weblink:

<https://cbit.ac.in/wp-content/uploads/2019/01/IT-Honours-1.pdf>

**Item 4: Approval of the list of courses to be considered for the award of Additional Minor Engineering degrees offered by the department.**

The proposed list of courses for the award of Additional Minor Engineering degree was presented to the members for the approval. The chairperson also mentioned that these courses will be updated from time to time as per the availability of the relevant courses on the MOOC's platforms.

This list of courses can be accessed through the following weblink:

<https://cbit.ac.in/wp-content/uploads/2019/01/IT-MINORS-.pdf>

**Item 5: Approval of the syllabus of the open elective courses offered to other UG programs**

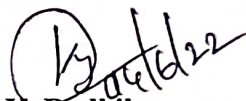
The proposed list of 3 Open Elective Courses "Object Oriented Programming Using JAVA", "Principles of Internet of Things" and "Introduction To Cloud Computing" offered under BoS (IT) and the corresponding syllabus was approved.

**Any other item with the permission of the chair:**

The committee authorized the Chairperson, BoS (IT) for the following:

- a) To constitute Panel of Examiners for question paper setting,  
Paper valuation and practical examinations
- b) To assign course codes as per the norms specified by the Institute.
- c) To update Book Editions for the courses if required
- d) To modify Course Outcomes if required

The BoS (IT) meeting concluded with a vote of thanks by the Chairperson.

  
**Dr. K. Radhika.**  
Chairperson, BoS (IT)  
Head, IT Dept., CBIT (A)

**Copy to:**

All the Members of Board of Studies (Information Technology)  
The chairman, Academic Council  
Director, Academics  
Joint Director, Academics-Informatics



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9	20ME C01	CAD and Drafting	2.5
10	20MB C02	Community Engagement	1.5
<b>TOTAL</b>			<b>21</b>

**SEMESTER – III**

S. No	Course Code	Title of the Course	Credits
1	20ECC34	DC Circuits, Sensors and Transducers	3
2	20ITC05	Digital Logic and Computer Architecture	3
3	20ITC06	Discrete Mathematics and Applications	3
4	20ITC07	Java Programming & Enterprise Frameworks	3
5	20ITC08	Database Management Systems	3
6	20EGM01	Indian Constitution and Fundamental Principles	Non-Credit
7	20EGM02	Indian Traditional Knowledge	Non-Credit
8	20ITC09	Java Programming & Enterprise Framework Lab	1
9	20ITC10	DBMS Lab	1
10	20ITC11	IT Workshop	1
11	20ITC12	Mini Project-I	1
12	20IT101	MOOCs/Training/Internshi	2

9	20MEC02	Workshop / Manufacturing Practice	
10	20MEC03	Engineering Exploration	
<b>TOTAL</b>			

**SEMESTER – IV**

S. No	Course Code	Title of the Course	Credits
1	20MTC09	Probability and Statistics	
2	20ITC13	Software Engineering	
3	20ITC14	Automata Theory and Compiler Design	
4	20ITC15	Design and Analysis of Algorithms	
		Professional Elective – I	
6	20MBC01	Engineering Economics & Accountancy	
7	20CEM01	Environmental Science	
8	20ITC16	Software Engineering Lab	
9	20ITC17	Design and Analysis of Algorithms Lab	
10	20ADC03	Artificial Intelligence & Machine Learning Tools, Techniques and	

Dr M Trupthi

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updated by the departmental committee at the beginning of the every semester based on the courses offered by NPTEL/MOOCs/SWAYAM/Any other online platforms. Credits will be awarded for the courses which have proctored examination.

**Equivalent Minors degree courses for Even Semester:2021-2022**

**Additional Minor Engineering Degree In**

- Artificial Intelligence
- Data Science
- Augmented Reality- Virtual Reality
- InformationSecurity

**List of Swayam/NPTEL courses for the award of Minor Engineering in Artificial Intelligence:**

II Semester						
S.No	Course Name	No. of weeks	No. of credit	Start and End Date	Date of Exam	Link
1	An Introduction to Programming Through C++	12	3	24/01/2022 15/04/2022	24/04/2022	<a href="https://nptel.ac.in/courses/106/101/208/">https://nptel.ac.in/courses/106/101/208/</a>
2	Discrete Mathematics - IITB	12	3	24/01/2022 15/04/2022	24/04/2022	<a href="https://nptel.ac.in/courses/106/108/106108227/">https://nptel.ac.in/courses/106/108/106108227/</a>
3	Programming, Data Structures And Algorithms Using Python	8	2	24/01/2022 18/01/2022	27/01/2022	<a href="https://nptel.ac.in/courses/106/106/106145/">https://nptel.ac.in/courses/106/106/106145/</a>

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