



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY

Date: 25-07-2020

Minutes of the Ninth Board of Studies (Information Technology) meeting held online on 25-07-2020 through Google Meet from 11:00 AM onwards:

Members present:

1. Dr. R. Bala Venkata Subramanyam, Head, Dept. of CSE, NITW, Warangal
2. Dr. K. Shyamala, Professor & Head, CSE Department, University College of Engineering, OU, Hyderabad
3. Dr. O.B.V. Ramanaiah, Professor and Chairperson BoS – CSE, Dept. of CSE, JNTUH(A), Hyderabad
4. Mr. Jagadeesh Kuncham, Vice President, Central Fresher Program Capgemini, India, Hyderabad
5. Ms. Shweta Naganath, Microsoft India Pvt. Ltd.
6. Dr.P.Suresh, Professor, IT Dept., CBIT.
7. Dr. K. Radhika, Professor, IT Dept., CBIT.
8. Dr.M.Venugopala Chary, Associate Professor, IT Dept., CBIT.
9. Ms. K. Suganya, Assistant Professor, IT Dept., CBIT.
10. Ms. A. Sirisha, Assistant Professor, IT Dept., CBIT.
11. Ms. M. Trupthi, Assistant Professor, IT Dept., CBIT.
12. Ms. T. Prathima, Assistant Professor, IT Dept., CBIT.
13. Ms.Kratika Sharma, Assistant Professor, IT Dept., CBIT.

AGENDA

1. Confirmation of the minutes of the Eighth BoS meeting.
2. To approve the Scheme and Syllabus for the newly sanctioned PG Program, M. Tech. (Artificial Intelligence and Data Science) program as per R-18 Regulation of CBIT.
3. To approve the Scheme for B.E. (IT) program as per R-20 Regulation of CBIT.
4. To approve the Scheme for B.E. (Artificial Intelligence and Data Science) program as per R-20 Regulation of CBIT.
5. To approve the minor changes in Syllabus for V to VIII semesters of B.E. (IT) program as per R-18 Regulation of CBIT.
6. To approve the list of courses for the award of B.E. (IT) Honors Degree.
7. To approve the list of courses for the award of B.E. (AI and DS) Honors Degree.
8. To approve the list of courses for the award of Additional Minor Engineering in Artificial Intelligence.
9. To approve the list of courses for the award of Additional Minor Engineering in Data Science.
10. To approve the list of courses for the award of Additional Minor Engineering in Augmented and Virtual Reality.

11. To approve the list of courses for the award of Additional Minor Engineering in Information Security.
12. To approve the syllabus for Service Courses offered to other programs as per R18 Regulation.
13. To authorize the Chairperson to update the list of MOOCs/NPTEL courses as and when they are offered.
14. To authorize the Chairperson to modify Course Outcomes if required
15. To authorize the Chairperson to constitute panels of examiners for question paper setting, paper valuation and practical examinations.
16. Any other item with the permission of the chair.

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

Minutes:

Item 1: Confirmation of the minutes of the Eighth BoS meeting

Minutes of previous meeting held on 16-03-2019 were confirmed.

Item 2: To approve the Scheme and Syllabus for the newly sanctioned PG Program, M. Tech. (Artificial Intelligence and Data Science) program as per R-18 Regulation of CBIT.

The proposed R-20 scheme and syllabus for M. Tech. (Artificial Intelligence and Data Science) program are approved with the following recommendations:

- a) The courses 'Mathematical Foundations of Data Science' and 'Artificial Intelligence' may be offered in the I-Semester and 'Data Science with python' and 'Machine Learning' in the II-Semester under Program Core courses.
- b) The course 'Machine Learning' is to be included under Program core courses and 'Advanced algorithms' to be moved to Elective courses.
- c) The elective course 'Reinforcement Learning' may be offered in the III-Semester to ensure sequence.
- d) Inclusion of "Regular Expression packages" as suggested in the meeting is made part of the 'Natural Language Processing' course.

Item 3: To approve the Scheme for B.E. (IT) program as per R-20 Regulation of CBIT.

The proposed R-20 scheme for B.E. (IT) is approved with the following recommendations:

- a) A course on 'Data Structures' is to be included in the II Semester in place of 'Engineering Mechanics' with 4 credits (L-3 Periods and P-2 Periods). The course 'OOP using Python' in the II Semester is to be offered with 3 credits (L-2 Periods and P-2 Periods)
- b) To offer 'Databases' course in the III Semester, 'Operating Systems' course in the IV Semester, 'Cryptography and Network Security' in the V Semester and 'Cyber Security' in the VI Semester.
- c) To include 'Machine Learning' course as the core course in the V Semester and 'Data Warehousing and Data Mining' under Program Elective-II.
- d) To combine the concepts of Compiler Design and Theory of Automata as one single course that may be offered by CSE Department on request as an open elective course.

Item 4: To approve the Scheme for B.E. (Artificial Intelligence and Data Science) program as per R-20 Regulation of CBIT.

The proposed R-20 scheme for B.E. (AI and DS) is approved with the following recommendations:

- a) A course on 'Data Structures' is to be included in the II Semester in place of 'Engineering Mechanics' with 4 credits (L-3 Periods and P-2 Periods). The course 'OOP using Python' in the II Semester is to be offered with 3 credits (L-2 Periods and P-2 Periods)
- b) To offer 'Fundamentals of Data Science' course in the III Semester.

Item 5: To approve the minor changes in Syllabus for V to VIII Semesters of B.E. (IT) program as per R-18 Regulation of CBIT.

The proposed changes with respect to Course Outcomes of the concerned courses are approved. The proposed minor changes in the syllabus of the Theory and Lab courses of 'Information security' and 'Artificial Intelligence' are approved.

Items 6 to 11: To approve the list of courses for the award of Honors Degree and Additional Minor Engineering Degrees

The following Recommendations are made in regard to the award of Honors Degree and Additional Minor Engineering Degrees:

- a) A committee is to be constituted for identifying the list of courses through which students will be able to acquire the additional 20 credits for the award of Honors Degree and Additional Minor Engineering Degrees. The same may be circulated from time to time, to all the members of the BoS.
- b) To ensure that there will be at least 80% deviation from the regular core courses, in the list of courses proposed by the department for acquiring the additional 20 credits for the award of Honors Degree.
- a) To put a cap (40 to 50 students) on the number of students registering for the award of Minor Engineering Degree.

Item 12: To approve the syllabus for Service Courses offered to other programs as per R18 Regulation.

The committee has approved the modified course outcomes in the syllabi of the Service Courses offered to other programs as per R18 Regulation.

Item 13: To authorize the Chairperson to update the list of MOOCs/NPTEL courses as and when they are offered

The committee has authorized the Chairperson to update the list of MOOCs/NPTEL courses as and when they are offered.

Item 14 to 16:


- a) The committee has authorized the Chairperson to modify Course Outcomes if required.
- b) The committee authorized the Chairperson to constitute panels of examiners for question paper setting, paper valuation and practical examinations.
- c) The committee authorized the Chairperson to update book editions for the courses if required.

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Any other item with the permission of the chair:

The proposed PEOs and PSOs of B.E. (IT), B.E. (AI and DS) and M. Tech. (AI and DS) are reviewed and the suggestions are recorded.

The BoS meeting is concluded with vote of thanks by the Chairman.


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

Copy to:

All the members of Board of Studies (Information Technology)
The chairman, Academic Council
Dean, Academics

9th - IT -BoS Meeting on 25-07-2020 (2020-07-24 at 22:47 GMT-7) Open with

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Achievements student

AEC

COE

S.No	Code	Course	Credits
Program Core Courses			
1.	20 MT C101	Mathematical Foundations of Data Science	3
2.	20 IT C101	Data Science with python	3
3.	20 IT C102	Artificial Intelligence	3
4.	20 IT C103	Advanced Algorithms	3
5.	19ME C103	Research Methodology and IPR	2
Program Elective-1, Elective-3 and Elective-5 Courses (without Lab)			
6.	20IT E101	Soft Computing	3
7.	20IT E102	Cloud Computing	3
8.	20IT E103	Information Retrieval Systems	3
9.	20IT E104	Time Series Analysis & Forecasting	3
10.	20IT E105	Social Network Analytics	3
11.	20IT E106	Block Chain Technology	3
12.	20IT E107	Intelligent Bio Informatics	3
13.	20IT E108	Recommender Systems	3
14.	20IT E109	Reinforcement Learning	3
15.	20IT E110	GPU Computing	3
16.	20ITE 111	Data Analysis	3

Prof RBV Subramanyam

17:14 / 1:48:13

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Achievements student

AEC

COE

S.No	Code	Course	Credits
Program Elective-2 and Elective-4 Courses (with Lab)			
17.	20IT E112	Digital Image Processing and Analysis	3
18.	20IT E113	Cyber Security	3
19.	20IT E114	Big Data Analytics	3
20.	20IT E115	Augmented and Virtual Reality	3
21.	20IT E116	Predictive Analytics with R	3
22.	20IT E117	Natural Language Processing	3
23.	20IT E118	Robotic Process Automation	3
24.	20IT E119	Deep Learning	3
25.	20IT E120	Internet of Things	3
Audit Course - 1 and 2			
26.	19EG A101	English for Research Paper Writing	0
27.	19CE A01	Disaster Mitigation and Management	0
28.	19EE A101	Sanskrit for Technical Knowledge	0
29.	19EC A101	Value Education	0
30.	19EG A102	Indian Constitution and Fundamental Rights	0
31.	20 IT A101	Pedagogy Studies	0
32.	19EG A103	Stress Management by Yoga	0
33.	19EG A104	Life Enrichment Skills	0

Shweta Nagarath

21:17 / 1:48:13