



Department of Computer Science & Technology

Board of Studies Committee Members

Second BoS Meeting – 15. 06. 2019

Academic Year: 2019-2020

Second BoS Meeting of the Department of CST is scheduled to be held on 15.06.2019 at 10.45 A.M in the CSE Seminar Hall.

AGENDA:

1. Approval of R-18 Course Structure & Syllabus for B.Tech (CST) – II, III and IV years.
2. Any other issues / suggestions related to UG & PG – Autonomous Curriculum & Syllabus.

Members of the Board of Studies for the Academic Year 2019-20

| S.No. | Name of the member | Composition as per the UGC – Autonomous guidelines | Designation & Address |
|-------|--------------------------------|--|---|
| 1. | Dr. R. Kalpana | Head of the Department concerned (Chairman) | Professor & Head, Dept. of CSE, MITS. |
| 2. | Dr. R. B. V. Subramanyam | Subject Expert nominated by Academic Council | Professor, Department of Computer Science & Engineering, National Institute of Technology, Warangal- 506004 |
| 3. | Prof. T. Sreenivasulu Reddy | Subject Expert nominated by Academic Council | Associate Professor, Dept. of CSE, School of IT, JNTUH, Hyderabad. |
| 4. | Dr. B.Surendiran | One expert to be nominated by the Vice-Chancellor from a panel of six recommended by the college Principal | Associate Dean (Academic), National Institute of Technology, Thiruvettakudi, Karaikal, Puducherry. |
| 5. | Mr. Lokeswara Reddy Kesapuram, | Representative from Industry/Corporation sector/allied area related to placement | Technical Architect – Tata Consultancy Services Bangalore |
| 6. | Mr. M. Lokesh Kumar Rao | One postgraduate meritorious alumnus to be nominated by the Principal | M.Tech. (2012-2014 Batch), Senior Business Consultant, NTT Data, Bangalore. |
| 7. | Dr. M. Sreedevi | Subject expert | Professor |
| 8. | Dr. Tilendra Shishir Sinha | Subject expert | Professor |
| 9. | Dr. D. R. Denslin Brabin | Subject expert | Sr. Asst. Professor |
| 10. | Dr. Jyoti Srivastava | Subject expert | Sr. Asst. Professor |
| 11. | Mr. Bhanuchander Balusa | Subject expert | Asst. Professor |

Refreng

Head of the Department

Head of the Department

Computer Science & Engineering
Madanapalle Institute of Technology & Science
MADANAPALLE-517 325..

C. J.

PRINCIPAL

Principal

Madanapalle Institute of
Technology & Science
MADANAPALLE

Department of Computer Science & Technology
Board of Studies Committee Members
Academic Year : 2019-2020

Second BoS Meeting of the Department of CST is scheduled to be held on 15/06/2019 - Saturday at 10:45 A.M. in the CSE Seminar Hall.

AGENDA:

- 1) Approval of R-18 Curriculum Course Structure & Syllabus for B.Tech CST-II, III and IV years.
- 2) Any other issues/suggestions related to UG - Autonomous Curriculum & Syllabus.

| No. | BoS Members | Designation | Signature |
|-----|---|--|-------------|
| 1. | Dr. R. Kalpana (BoS Chairman) | Professor & Head, Dept. of CSE, MITS. | |
| 2. | Dr. R.B.V. Subramanyam (Subject Expert) | Professor & Head, Dept. of CSE, NIT Warangal - 506004 | |
| 3. | Prof. T. Sreenivasulu Reddy (Subject Expert) | Associate Professor, Dept. of CSE, School of IT, JNTUH, Hyderabad | |
| 4. | Dr. B. Sudendiran, (University Nominee) | Associate Dean (Academic), NIT Thiruvettakudi, Karaikal, Puducherry. | 15/6/19 |
| 5. | Mr. Lokeswara Reddy, Kesapuram, (Corporate - Industry Expert) | Technical Architect - Tata Consultancy Services, Bangalore. | |
| 6. | Mr. M. Lokesh Kumar Rao (PG Alumnus) | M.Tech. (2012-2014 Batch) Senior Business Consultant, NTT Data, Bangalore. | |

Faculty Members

| | | | |
|-----|----------------------------|---------------------|--|
| 7. | Dr. M. Sreedevi | Professor | |
| 8. | Dr. Tilendra Shishir Sinha | Professor | |
| 9. | Dr. D. R. Denslin Brabin | Sr. Asst. Professor | |
| 10. | Dr. Jyoti Srivastava | Sr. Asst. Professor | |
| 11. | Mr. Bharu Chander Balusa | Asst. Professor | |

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BOS members have approved IInd year B.Tech CST syllabus with the following modifications/suggestions

* The committee suggested to rename the subject "Data Structures and Algorithms using C++" as "Data Structures" for both theory and practical.

* The committee suggested to do Data structure practicals either using C programming language or Java programming language.

* The committee suggested to shift "Operating System" from II year II semester to III year I semester.

* The committee suggested to shift "Operating System lab" also from II year, II semester to III year, I semester.

* In Data structure, algorithm topics are suggested to be removed.

* In Data structure, sorting topics like selection sort, radix sort etc. are suggested to include.

* The committee has suggested to make "Sorting and Hashing" as Unit-I in the Data structure.

- * The committee suggested to shift "list and stack" topic from Unit-I to Unit II, in Data Structure.
- * "Introduction to Algorithm" textbook is suggested to remove from the textbook list in the syllabus of Data Structure.
- * Unit II (Queue) is suggested to as unit III and heap sort topic is suggested to include in Data Structure.
- * In "Object-Oriented Programming Using Java" Arrays topic is suggested to move from unit II to unit I.
- * It is suggested to swap unit III and unit IV in Object oriented Programming using Java.
- * In OOP using Java, they suggested to remove "Applet" topic from unit V.
- * Reference books "Programming with Java" and "Core Java" are suggested to remove from reference list of OOP using Java.
- * In DBMS, they suggested to keep Relational Algebra topic in Unit-I. and suggested to remove few topics regarding overview.
- * Unit II is suggested to renamed as "Relational Calculus and SQL" in DBMS.
- * SQL topics are suggested to shift from unit III to unit II in DBMS.

* Unit III name is suggested as "Database Design".

* They suggested to shift Data recovery topic from unit IV to unit V. Intrusion detection topic is suggested to remove from unit V.

* Functional dependencies topic is suggested to shift from unit II to unit III and Keys topic is also suggested to include unit III.

* In DAA, Contact hours are suggested to reduce to 2 for lab.

* In DAA, "What is Algorithm" topic is suggested to remove from unit-I and backtracking topic is suggested to include in unit IV.

* It is suggested to replace unit V with Network flow problems, NP hard, NP complete and reducibility. In DAA lab credit is reduced to 1.

* OS lab, NW lab and SE lab contact hours are suggested to reduce to 2 in turn credit reduced to 1.

* AI tools, Tech. and Applications lab contact hours are suggested to reduce to 2 so in turn credit is reduced to 1.

* "Web Technologies" is suggested to include in II year, II semester. It has 3 credits i.e. 2 for theory and 2 for Practical. For this subject university exam will be conducted for lab part in addition to continuous evaluation. There will be only internal evaluation for theory part.

The committee suggested that all students should be encouraged to take any one mandatory course according to availability of course in NPTEL, Swayam etc.

* Suggested to take minimum of 3 credit course as MOOCs.

BOS Members :-

1. Dr. R. Kalpana
(BOS-Chairman) R Kalpana
2. Dr. R. B. V. Subramanyam
(Subject Expert) R B V Subramanyam
3. Prof. T. Sreenivasulu Reddy
(Subject Expert) T S Reddy
4. Dr. B. Surendran
(University Nominee) B Surendran
5. Mr. Lokeshwara Reddy
Kesapuram,
(Corporate - Industry Expert) K Lokeshwara
6. Mr. M. Lokesh Kumar Rao
(PG Alumnus) M Lokesh