Dt: 05-08-2020

Members Present:
1. Prof. V Kamakshi Prasad, Member, BoS
Professor & Director of Evaluation, JNTUH
2. Prof.K.Shyamala(Special Invitee)
   Professor of CSE & Director Informatics
 (In place of Dr.V. Premchand, Professor who has retired)
Computer Science and Engineering,
Osmania University
3. Dr. S Viswanadha Raju(Special Invitee)
   Professor, CSE& Vice Principal
   JNTU, Jagityal, TS
4. Dr.D.L.S.Reddy, Assoc.Professor, Chair Person, BoS, Dept. of MCA
5. Mr.D.Jayaram, Member, BoS, Dept. of MCA
6. Mr.M.Kalidas, Member, BoS, Dept. of MCA
7. Mr.P.Krishna Prasad, Member, BoS, Dept. of MCA
8. Dr.K.Sadasiva Rao, Professor, Dept. of MCA
9. Dr.GNR Prasad, Asst. Professor, Dept. of MCA
10. Mr.M.Ramchander, Dept. of MCA
11. Mr.B.Srinivas S P Kumar, Dept. of MCA
12. Dr.B.Indira, Dept. of MCA
13. Mr.CNVBR Sri Gowrinath, Dept. of MCA
14. Mr.RameshPonnala, Dept. of MCA

   Members Absent:

1. Dr Ram Narayan Dash, Data Scientist, Australia.

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The Chairperson, BoS gave a welcome note to all the members present and special invitees , Prof. V.Kamakshi Prasad, Dr.S.Vishwanadha Raju and Prof.K.Shyamala and started the BoS online meeting at 10.am. MCA 2 year Course that was reframed and restructured based on was elaborately discussed in this meeting and various recommendations and modifications were done.

Item No 1: MCA Vision, Mission, PEOs and Program Outcomes

Resolutions taken: New Vision, Mission, PEOs, POs completely discussed as below.

- The vision statement of the MCA department was reframed by rearranging words
- The Mission statements were rearranged in line with the MCA vision statement.
- The Program Educational Objectives (PEOs) were re-aligned with respect to the reframed mission statements
- Program Outcomes (POs) were elaborately discussed and various changes were done.
  PO1: The usage of word 'Fundamentals of mathematics' was recommended in PO1.
  PO2: PO2 was adequate and was conveying a meaning.
  PO3: The experts asked to use 'innovative' word as used in department's vision and mission in PO3.
  PO4 : The usage of phrase 'diverse teams' in PO4 was suggested by the experts.
  PO5: The experts suggested to modify the PO5 to accommodate 'multiple domains and societal needs' phrases.
  PO6: The line "Lifelong learning and constant adopting to changing environments" was added to PO6.

Item No 2: Theory Subjects Structure

- The required credits for theory, labs and project were discussed and finalized that the optimal limit of the required credits for MCA programme is between 96 to 102 credits.
- The experts strongly suggested to add one Audit course Intellectual Property Rights which should be a non-credited course while making some changes in the schema and syllabus. It was suggested that the IPR subject is mandatory according to AICTE guidelines. Accordingly, the subject was introduced in III semester.
- As recommended, some salient and important features of Design and Analysis of Algorithms was combined with the subject Data Structures and Algorithms. It is strongly recommended to add latest subjects in the curriculum which has high demand and potential in software Industry. Hence accordingly, the subject Artificial Intelligence, has been introduced in II semester and the subject Data Science and Machine Learning along with Machine Learning Lab, and a new subject Data Communications and Computer Networks were all introduced in III semester. It is suggested to restructure and update the syllabus of Web Technologies and accordingly the syllabus was updated.
- The experts suggested to give 2 credits for the summer internship which is mandatory for every student, which has to be done after completion of MCA II semester and before the start of MCA III semester.
- It is suggested to introduce Professional electives in IV semester along with major project. These subjects can be completed in any semester starting from II to IV semester after fulfilment of prerequisites in the previous semester. Accordingly, these courses are named as Academic adjustable courses and can be completed through MOOCs.
- Emerging and latest technologies like Block Chain Technologies, Cyber Security, Deep learning, Natural Language Processing, Cyber Forensics were introduced as electives in IV semester.

Item No 3: Lab Subjects Structure

- Statistics fundamentals and data Preparation concepts were suggested to be included in Python Programming Lab
- In OOSD- UML lab subject, a Case study to be implemented by every student and at the end of the last diagram, a project/ case study documentation to be prepared and submitted.
- A minimum of three slip tests and two assignments have to be conducted and given in a systematic approach covering up the syllabus and setting up challenging tasks for the students.

All the BoS members and the special invitees for the BoS meeting unanimously agreed on all the above items in the meeting. The Chairperson BoS, MCA thanked everyone who were present and participated in the meeting and gave vote of thanks. The BoS meeting concluded on a successful note on 05-08-2020 at around 1.00 pm

HEAD OF DEPARTMENT
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Chairperson, BoS
Dept. of MCA
(Dr.D.L.S.Reddy)