

Sona College of Technology (Autonomous)

Salem - 636005

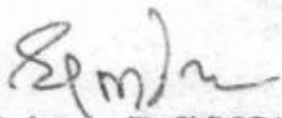
Department of Master of Computer Applications

MINUTES OF THE 14th BOARD OF STUDIES MEETING IN MASTER OF COMPUTER

APPLICATIONS HELD ON 11th June 2021 AT 10.00 AM

Members Present:

S.NO	NAME	MEMBERS
1.	Dr.T.Padma	Chairman
2.	Dr.P.Anandhakumar	University Nominee
3.	Dr. P. J. A. Alphonse	Academic Expert
4.	Dr. A. Kannammal	Academic Expert
5.	Mr.S.Gopinath	Industry Nominee
6.	Mr.B. Saravana Babu	Alumni Nominee
7.	Ms. Anitha Rajamutha	Special Invitee
8.	Dr.N.Balakrishnan	BoS Member
9.	Dr.S.Aruna	BoS Member
10.	Dr.A.Vanitha	BoS Member
11.	Prof.J.Sujipriya	BoS Member
12.	Prof.A.Suhana Nafais	BoS Member
13.	Dr.R.Shivakumar	Member Secretary - Academic Council
14.	Dr.S.R.R.Senthil Kumar	Principal
15.	Dr.J.Akilandeswari	Academic Dean


Chairman (BoS)/MCA

SONA COLLEGE OF TECHNOLOGY, SALEM

[Autonomous]

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

14th BOARD OF STUDIES – MINUTES OF MEETING

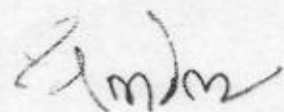
18.06.2021

The 14th Board of Studies meeting was held on 11.06.2021 from 10:00 a.m to 1:30 p.m through Microsoft Teams App -Online. The meeting was presided by Dr.T.Padma, Chairperson of BoS. All the committee members were present in the meeting. The curriculum and Syllabus for Third Semester under Regulation 2020 were thoroughly reviewed by the committee members. The summary of the discussion on the agenda items during the meeting is as follows:

Item 01	Suggestions and discussions on the III Semester Curriculum and Syllabi for Regulation 2020 (Core Courses)
	Course: P20MCA301 - EMBEDDED SYSTEMS AND INTERNET OF THINGS
	<ul style="list-style-type: none">• Unit I – Strengthen the content.• Unit I and II – No need to have two units as ‘Introduction’ and suggestion was given to change the Unit II title as IoT in design or Design of IoT.• Unit II – Topics on cloud computing and Big data analytics could be made more specific related to IoT.• IIOT and IOT4.0 could be included in the course.• Unit V – Cloud Services topic should not be overlapping the cloud computing topic in Unit II.
	Course: P20MCA304 – EMBEDDED SYSTEMS AND INTERNET OF THINGS LABORATORY
	<ul style="list-style-type: none">• All the courses are based on LED; suggestions were given to include the sensors as well.• RFID tags / Sensors and application-oriented models like Biological sensors, Cargo management could be included.
	Course: P20MCA301 – CYBER SECURITY
	<ul style="list-style-type: none">• Change the course title to CYBER SECURITY ESSENTIALS• Unit III – update the amendment and include the latest Cyber Security related Acts such as Act 66, Act 67, and Act 43, etc.

	<p>Course: P20MCA301 - ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING</p> <ul style="list-style-type: none"> • Change the title of UNIT IV and UNIT V • Fuzzy reasoning topic to be included in the course. • Deep learning topics to be included. <p>Course: P20MCA305 - ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING LABORATORY</p> <ul style="list-style-type: none"> • Include few experiments related to deep learning • Python programming language to be mentioned • Specialized problems Eg: traveling salesman w.r.t to AI can be included.
Action Taken	Necessary actions had been taken and the suggestions are implemented.
Item 02	<p>Suggestions and discussions on the III Semester Curriculum and Syllabi for Regulation 2020 (Elective Courses)</p> <ul style="list-style-type: none"> • A common Elective courses list could be given rather than grouping the electives as Elective II / III / IV and V • Suggested to list all the laboratory experiments separately and not inside the unit for Lab Integrated theory courses. <p>P20MCA508 - NETWORK PROGRAMMING AND SECURITY</p> <ul style="list-style-type: none"> • UNIT V – NETWORK SECURITY - To check the topics are not repeated in Cyber security course. <p>P20MCA520 - ADVANCED JAVA PROGRAMMING :</p> <ul style="list-style-type: none"> • Unit V – Spring Cloud topic to be included. <p>P20MCA511 - FULL STACK WEB DEVELOPMENT :</p> <ul style="list-style-type: none"> • Design patterns, principles and framework to be included in the syllabus. • Deployment topic to be included in the course. <p>P20MCA512 - ADVANCED WEB PROGRAMMING :</p> <ul style="list-style-type: none"> • Unit V : Suggested to have any one cloud platform. <p>P20MCA513 – MICROSERVICES AND DEVOPS :</p> <ul style="list-style-type: none"> • Suggested to include topics on Automated Scripts. <p>P20MCA516 - BLOCKCHAIN TECHNOLOGY :</p> <ul style="list-style-type: none"> • Suggested to include Ethereum 2.0 instead of Ethereum.

	<p>P20MCA518 - BIG DATA PROCESSING :</p> <ul style="list-style-type: none"> • Change the course title as Big Data Analytics. <p>P20MCA519 - PROFESSIONAL ETHICS AND IT :</p> <ul style="list-style-type: none"> • Change the course title as Professional Ethics • Unit IV – reframe the topics with PCM and work from home policies. <p>P20MCA520 - FRAMEWORK OF MANAGEMENT INFORMATION SYSTEMS :</p> <ul style="list-style-type: none"> • Change the course title as MANAGEMENT INFORMATION SYSTEMS • Unit I is lengthy and have to be shortened. <p>P20MCA522 - COGNITIVE SCIENCE :</p> <ul style="list-style-type: none"> • Unit III – Change the unit title suitably. <p>P20MCA524 - EDGE COMPUTING :</p> <ul style="list-style-type: none"> • Reorder the Unit II and Unit III as <ul style="list-style-type: none"> ○ Unit II – Architecture ○ Unit III – Security and Privacy.
Action Taken	Necessary actions have been taken and the suggestions are implemented.
Item 03	Evaluation
	No changes in the evaluation pattern.
Item 04	Question paper setting
	No changes in the pattern to set question paper.



CHAIRMAN/BoS