

# MINUTES OF BOARD OF STUDIES MEETING – 21<sup>st</sup> September, 2021

The first Board of Studies meeting of the Department of Computer Science(MCA) is held on 21-09-2021 at 03:30 P.M. Through On-Line.

## Members Present:

### 1. Chairman :

**Sri P.W. Syam Babu**

Head, Department of Computer Science(MCA)  
Dr. C. S. Rao P.G.Centre, Sri Y.N College (A)  
Narsapur  
Mobile No: 9010997005



### 2. University Subject Expert :

**Dr. M.Kamala Kumari**

Associate Professor, Dept. of Computer Science  
Adikavi Nannaya University  
Rajamahendravaram.  
Mobile No: 9247828511  
Email-Id: [kamalamarepalli.aknu@gmail.com](mailto:kamalamarepalli.aknu@gmail.com)

### 3. Subject Expert :

Sri. T. Rama Murthy, MCA, M.Tech, M.phile, (Ph.D),  
Director, KGRL College of PG Courses(A)  
Bhimavaram  
Mobile No: 9440316378  
Email-Id: [thotaramamurthy1@gmail.com](mailto:thotaramamurthy1@gmail.com)

### 4. Subject Expert :

Sri Ch. Srinivasa Rao, MCA, M.Tech  
Assoc. Professor  
Director, S.V.K.P. Dr. K.S Raju Arts & Science College(A)  
Penugonda.  
Mobile No: 944016658  
Email-Id: [chiraparapu@gmail.com](mailto:chiraparapu@gmail.com)

## 5. Representative from Industry :

Sri. T.S. Pardhasaradhi, Team Lead  
Tabner Global Soft limited flat No-501, Sri Durga nilayam  
Flat No- HIG -16,  
Sri Venkata ramana colony, KPHB Phase 15  
Mobile No: 9440789319  
Mail-Id: saradhithota@gmail.com

## 6. Subject Expert & Alumni Member:

Dr.D. Sasi Rajasekhar,  
Assoc. Professor, St. Mary's Group of Institutions  
Hyderabad.  
Mobile No: 9298653573  
Mail-Id: dsasirajasekhar@gmail.com

## Members

1. Sri. P.D.V.N. Kumar, Assistant Professor
2. Sri. K.S. Chakravarthy, Assistant Professor *K.S. Chakravarthy*
3. Smt. Ch. Lakshmi, Assistant Professor *Ch. Lakshmi*
4. Sri. G. Kiran Varma, Assistant Professor
5. Ms K.R. Sravanthi, Assistant Professor *K.R. Sravanthi*
6. Smt. B. Karuna, Programmer *B. Karuna*

## **AGENDA**

1. To discuss and ratify the MCA Programme structure for the third and fourth semesters.
2. To discuss and approve the syllabi of the third and fourth semesters of MCA Programme.
3. To discuss and finalise the pattern and blue prints of the Internal and External Examinations.
4. To discuss and decide the conduct of Lab practical Examinations in the third and fourth semesters.
5. To discuss and decide the pattern of the Project Work.
6. Any other item.

## RESOLUTIONS

**Resolution 1:** It is decided to offer the MCA programme in **four** semesters with **six** papers and two labs in first and second semesters.

The third semester consists of six theory papers and two labs for both internal and external assessments, and also another one theory paper i.e., **Paper VII - Innovation, Entrepreneurship and Intellectual property Rights** for only internal assessment.

During the third semester in addition to seven theory and two labs, assessment of **summer Internship** is included as **Paper X** for both internal and external assessment.

The entire fourth semester consists of **four months project work** for both internal and external assessment.

**Resolution 2: Programme Structure** It is unanimously decided to adopt the following Programme/course structure for the third and fourth semesters of MCA:

### MCA SEMESTER - III

Code	Course Title	Max Marks		Total Marks	Hours Per Week		Credits
		External	Internal		Theory	Practical	
MCA-20301	Information Security and Cryptography	75	25	100	4	-	4
MCA-20302	Big Data Analytics	75	25	100	4	-	4
MCA-20303	Object Oriented Software Engineering	75	25	100	4	-	4
MCA-20304	Web Technologies	75	25	100	4	-	4
MCA-20305	Elective II 1. Blockchain Technology 2. Cloud Computing 3. Machine Learning and Deep Learning	75	25	100	4	-	4
MCA-20306	Elective-III 1. Business Intelligence and Visualization 2. Robotics 3. Foundations of Data Science	75	25	100	4	-	4
MCA-20307	Web Technologies and Object Oriented Software Engineering Lab	50	50	100	-	3	2
MCA-20308	Big Data Analytics lab	50	50	100	-	3	2
MCA-20309	Innovation, Entrepreneurship and Intellectual Property Rights	-	50	50	2	-	0
MCA-20310	Summer Internship	50	50	100	-	-	2
	Total Credits						30

**Note:** Summer Internship 2 Months (Mandatory) after First Year (to be evaluated during III semester)

In the third semester, regarding **Paper IV - Web Technologies** changes are made in first, second and fourth units.

## MCA SEMESTER - IV

Code	Course Title	Max Marks		Total Marks	Hours Per Week		Credits
		External	Internal		Theory	Practical	
MCA-20401	Project	150	200	350	-	-	10
		Total Credits					10

**Resolution 3 : Exam Pattern, Blue Print and Marks :** It is resolved to conduct examinations in the third Semester in two modes – Internal and External. The **Internal/Mid** Exams will carry 25 Marks and the External Examinations will carry 75 Marks.

**Allotment of Internal Marks:** It is decided to conduct two Internal/Mid Examinations in every Semester for every paper. The theory exam would be conducted for 20 Marks. The average of the two internal exams would be finalised. 5 marks will be allotted for two assignments (2 Marks) and one seminar(3 Marks).

Written test(Average of Two Mids)	20 Marks
Assignments(Two)	2 Marks
Seminar(One)	3 Marks
Total	25 Marks

**Blue Print:** It is resolved to implement the following Blue Print for the Mid and Semester End exams.

In the Internal question paper the student has to write:

Two short Notes out of 3 for 6 Marks  
One essay out of 2 for 14 Marks.

In the External theory exam paper the student has to write 2 sections:

Section – A : 4 Essays (Either or Choice )-  $4 \times 15 = 60$  Marks  
Section – B : 5 Short Notes out of 8 -  $5 \times 3 = 15$  Marks



**Resolution 4 - Lab Practicals:** The practical examinations will be conducted and valued by both internal and external examiners at the end of each semester. The viva- voce examination will be conducted on project work by both internal and external examiners at the end of the fourth semester.

**Each practical paper carries 50 marks for external evaluation process** in which both the internal and external examiners conduct the examination. Out of these 50 marks 20 marks are allocated for program writing, 10 marks for program execution, 10 marks are for Record and 10 marks for Viva-voce examination of the student.

**Each practical paper carries 50 marks for internal evaluation process** in which the internal examiner conduct the examination. Out of these 50 marks 20 marks are allocated for program writing, 10 marks for program execution, 10 marks are for Record and 10 marks for Viva-voce examination of the student.


**Resolution 5 - Project Work:** It is resolved that Candidates have to undergo project work for four months during the fourth semester. The project work is to be done by every student in Software Industries and National Institutes by choosing a relevant topic in one of the latest technologies.

Every student, under the direction of a faculty guide and industry guide, has to develop a project report on the work done and submit to the department at the end of 4<sup>th</sup> semester. **The project report will be evaluated for 350 Marks.** The internal marks 200 will be awarded by the **Department Committee** based on the PowerPoint presentation of the student on his work. The Department Committee consists of all the faculty members.

**The External Marks 150 will be awarded by the Examiners Committee comprising the Department Head, One Senior Faculty Member and One External Examiner** having 10 years of experience preferably Ph.D degree from an Autonomous College MCA Dept. or a Senior Faculty Member from the Parent University or any other University.

**Viva Voce:** it is resolved that at the end of the Fourth Semester, a Comprehensive Viva Voce Examination is to be conducted on the project work executed by the student for 10 credits.

**The Viva will be conducted by the Examiners Committee as mentioned above.**



CHAIRMAN  
BOARD OF STUDIES  
DEPARTMENT OF COMPUTER SCIENCE  
SRI Y.N. COLLEGE (AUTONOMOUS)  
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