

Agenda for 11th Meeting of Board of Studies for MCA Program on
17.7.2020 at 10.00 AM

1. Action taken report on minutes/resolutions of 10th BOS meeting.
2. Report on implementation of autonomy with respect to syllabi and academic regulations for I and II Semesters of MCA (Under SVEC19).
3. Academic Calendar for MCA (III, IV, V and VI Semesters) for 2020-2021.
4. Vision and Mission of the Department, PEOs, POs & PSOs for MCA Program.
5. Administrative Setup for MCA Program.
6. Academic Regulations, Course Structure, Syllabi with Course Objectives, Course Outcomes, Lesson Plans and Model Question Papers for I and II Semesters of Two-Year MCA program under SVEC-20.
7. Syllabi with Course Objectives & Course Outcomes, Lesson Plans & Model Question Papers for III and IV Semesters of MCA program under SVEC-19.
8. Panel of Examiners for question paper setting of III and IV Semester Courses of MCA Program under SVEC-19.
9. Amendments to SVEC-19 M.C.A Academic Regulations
10. Teaching, Learning and Evaluation.
11. Substitute Subjects
12. Research Activities.
13. Faculty Development Activities.
14. Staff Development Activities.
15. Student Development Activities.
16. Student Support Systems.
17. Extension Activities.
18. Any other item.

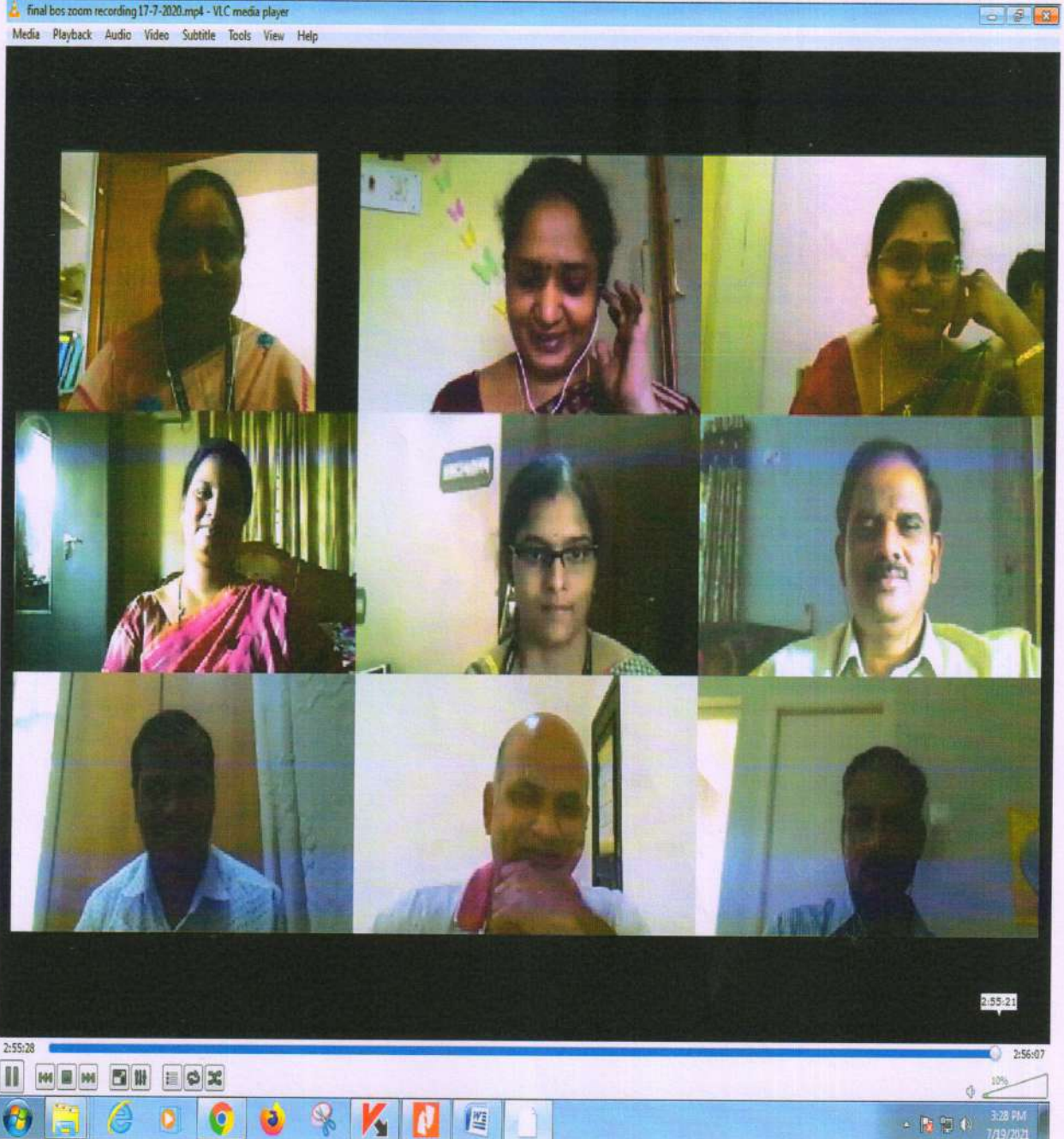


Dr. M. LAVANYA

Chairperson, BOS (M.C.A)
Dr. M. LAVANYA
CHAIRPERSON, BOS
DEPARTMENT OF M.C.A.
SREE VIDYANIKETHAN ENGINEERING COLLEGE,
A. RANGAMPET - 517 102
CHITTOOR (Dist) A.P.

11th Board of Studies Meeting held in M.C.A department on 17-07-2020@ 10.00A.M through online video conferencing.

Members Present:



<p>Dr. M. LAVANYA Associate Professor MCA Department Sree Vidyanikethan Engineering College, Sree Sainath Nagar Tirupati-517102</p>	BOS Chairperson
<p>Dr. K. MADHAVI Associate Professor Dept. of CSE, JNTUA Engineering College Sir Mokshagundam Vishveshwariah Road JNTUA, Anantapuramu- 515002</p>	External Member (JNTUA Nominee)
<p>Dr. K. THIRUPATHI RAO Professor & BOS Chairman Department of Computer science and Engineering Koneru Lakshmaiah Education Foundation Vaddeswaram Guntur-522502</p>	External Member (AC Nominee)
<p>Dr. PATTABIRAMAN. V Professor School of computer science and Engineering VIT University, Vandalur-Kelambakkam Road Chennai-600127</p>	External Member (AC Nominee)
<p>Mr. SANDEEP BV Advanced Services Manager, CISCO, SEZ Unit, Cessna Business Park, Kadubeesanahalli Village, Varthur Hobli, Sarjapur Marathahalli Outer ring road, Bengaluru, Karnataka-560087</p>	External Member (AC Nominee)
<p>Mr. YELLA RANJITH KUMAR CEO and Cofounder, TechMitts Private Limited Bengaluru, Karnataka-560087</p>	External Member (AC Nominee)
<p>Dr. K. SUNEETHA Associate Professor & HOD, MCA Department, Sree Vidyanikethan Engineering College, Sree Sainath Nagar, Tirupati-517102</p>	Internal Member
<p>Dr. A. JYOTHI BABU Professor, MCA Department, Sree Vidyanikethan Engineering College, Sree Sainath Nagar, Tirupati-517102</p>	Internal Member
<p>Ms. M. SOWMYA VANI Assistant Professor, MCA Department, Sree Vidyanikethan Engineering College, Sree Sainath Nagar, Tirupati-517102</p>	Internal Member
<p>Ms. K. MANASA Assistant Professor, MCA Department, Sree Vidyanikethan Engineering College, Sree Sainath Nagar, Tirupati-517102</p>	Internal Member

Minutes:

1. Action Taken Report on minutes/ resolutions of 10th BOS meeting held On 10th June, 2019:

The BOS Chairperson appraised the members the action taken report on the minutes/ resolutions of 10th BOS meeting held on 10th June 2019 with all deliberations the members ratified the report.

i) Suggestions External BOS members:

- Suggested to identify real time projects to publish and present papers in indexed journals and conferences for project work in VI Semester.
- Suggested to implement courses with practical approach.
- Suggested to train the students by conducting Add-on course for Probability & Statistics using R tool.
- Advised to include JAVA Script frameworks, Angular JS, JQuery, and VUE.JS in Web Programming Course.
- Advised to move Open Elective (MOOC) course from V semester to VI Semester and Internship from VI semester to V semester.

Implementation as per External BOS member's suggestions/Advices:

As per recommendations of Board members, three laboratory courses were introduced in SVEC19 course structure to improve the practical approach of MCA students. Under Internship, majority of MCA VI semester students did their project work in recognized organizations like Infosys, Cognizant, Cognisite Technologies (P) Ltd, BNP Paribas etc. Also as per advice, the department organized an add-on course on R tool, incorporated Angular JS and latest emerging programming languages in SVEC20 proposed Course Structure. Considering the suggestions of external BoS members, an open Elective (MOOC) course is introduced in VI semester and Internship in V semester at SVEC19 Course Structure.

ii) Academic Calendar for I, II and III year MCA:

- As approved in 10th BOS meeting held on 10-06-2019, Academic calendars for I, II and III Year MCA Program are implemented for the academic year 2019-2020.
- The Syllabi and Lesson plans of SVEC19 regulations of I MCA as approved in previous BOS Meeting and subsequently in Academic Council was implemented.

iii) Add On Courses:

As resolved, Add-on Courses were organized during each semester to increase the placement opportunities to the students.

iv) Academic, Research and Extension activities:

As suggested by the members, we have made improvements in various academic, research and extension activities.

v) Model Question Papers and Panel of Examiners:

- Model Question Papers and Panel of Examiners of SVEC19 I and II semesters are prepared and submitted to the Principal and Chairman, Academic Council.
- Panel of Examiners of SVEC16 VI semester are prepared and submitted to the Chairman, Academic Council.

vi) Academic, Research and Extension activities:

As suggested by the members, we have made improvements in various academic, research and extension activities.

vii) Model Question Papers and Panel of Examiners:

- Model Question Papers and Panel of Examiners of SVEC19 I and II semesters are prepared and submitted to the Principal and Chairman, Academic Council.
- Panel of Examiners of SVEC16 VI semester are prepared and submitted to the Chairman, Academic Council.

2. Report on implementation of autonomy with respect to syllabi and academic regulations for I and II Semesters of MCA (Under SVEC19).

The Chairperson BOS presented a report on implementation of autonomy with respect to syllabi and academic regulations during the academic year 2019-20 of MCA Program under SVEC19 are apprised as enclosed in **Annexure-I**

3. Academic Calendar for MCA (III, IV, V and VI Semesters) for 2020-2021.

Members of B.O.S have been apprised that the Chairman, Academic Council is empowered to prepare the Academic calendar pertaining to I MCA, II MCA and III MCA (I to VI Semesters) for the academic year 2020-21, in accordance with the A. P. State Government/AOSCHE/JNTUA, Ananthapuramu directives.

4. Vision and Mission of the Department, PEOs, POs & PSOs for MCA Program.

Perused and approved the Vision and Mission of the Department, PEOs, POs and PSOs of 2 year MCA Program under SVEC20 regulations as enclosed in **Annexure-II**.

5. Administrative Setup for MCA Program.

Perused and approved the Administrative Setup for SVEC20 and SVEC19 Curriculum Design & Development, Implementation and Assessment for I MCA and II MCA courses respectively is prepared involving all the faculty members and regular reviews to ensure quality output is appraised by BOS chairperson as enclosed in **Annexure-III**.

6. The BOS Chairperson has presented the Academic Regulations, Course Structure, Syllabi with Course Objectives, Course Outcomes, Lesson Plans and Model Question Papers for I and II Semesters of Two-Year MCA program under SVEC-20 as enclosed in **Annexure-IV**.

7. External BOS members perused and approved Course Structure, Syllabi with Course Objectives, Course Outcomes, Lesson Plans and Model Question Papers for III and IV Semesters of MCA program under SVEC-19 as enclosed in **Annexure-V**.

The following are the Suggestions/ Recommendations given by External BOS members and then approved the course structures, syllabus of I and II year under SVEC20 and SVEC19 respectively after discussion:

- a. External BOS members appreciated the proposed SVEC20 course structure with uniform distribution of Theory and Laboratory courses and bringing all advanced courses into the curriculum with a total of 90 credits.
- b. Suggested to embed possible theory courses with practical exposure.
- c. Members appreciated the inclusion of internship and MOOC courses.
- d. Advised to introduce at least one or two skill oriented courses as **Audit course (no credits)** in each semester to bridge the gap between industry and academia.
- e. Advised to bring laboratory component with 1 credit to "Computer Oriented Statistical Techniques" course for the benefit of students to learn statistics with R.
- f. Recommended to use OBS (Open Broadcaster Software) for effective teaching and learning, which is free and open source software for video recording and live streaming.
- g. Suggested to introduce Bridge course in I semester to bridge the gap of non-computer students as per AICTE eligibility criteria.
- h. Advised to rename the "R programming" Professional elective course with "Data Science through R".
- i. Suggested to bring Object Oriented Analysis and Design, Deep Learning and Operating System courses in to the curriculum if possible.
- j. Advised to organize project expos, hackathons, etc at SVEC and make the students to participate and solve the real world problems.

- k. Advised to schedule Mid-I and Mid-II examinations after no. of weeks of commencement of class work instead of completion of number of units.
8. It is resolved to authorize Chairperson, BOS and H.O.D for preparing List of **Panel of examiners** and Paper setters for I MCA and II MCA under SVEC20 and SVEC19 regulations respectively within 10 days after the commencement of Class Work in each semester and submit to the Principal & Chairman, Academic Council.
9. Perused and approved the **Panel of examiners** for the Courses of I MCA and II MCA of SVEC20 and SVEC19 respectively as enclosed in **Annexure-VI**
10. Perused and approved the model question papers for the Courses of I and II semesters SVEC20 and III and IV semesters of SVEC19 respectively.
11. The BOS Chairperson presented the amendments to SVEC-19 MCA Academic Regulations. Members of BOS perused and approved the amendments proposed to SVEC19 MCA Academic Regulations as enclosed in **Annexure-VII.**
12. The Members noted **Teaching, Learning and Evaluation Practices:**
- a. Procedure followed in Time Tables formulation and allocations to the Faculty Members are as per AICTE norms.
 - b. The practice of Teaching Plan and Schedule for each course.
 - c. It is resolved to organize an Add-on course during each semester to increase placement opportunities to the students as per the list enclosed in **Annexure-VIII.**
- The External Members appreciated about Add-on Courses introduced in each of the semester.
13. BOS chairperson presented the following **Research Activities** and apprised by the BOS Members
- a. The Research Committee of the Department consists of the following Faculty members.
 - i. Dr. K. Suneetha
 - ii. Dr. A. Jyothi Babu
 - iii. Dr. M. Lavanya
 - iv. Ms. M. Sowmya Vani
 - v. Mr. U. Sesadri
 - vi. Ms. K. Manasa
 - b. The Department encouraged to do research and consultancy activities in the areas of
 - i. Data Analytics

- ii. Artificial Intelligence and Machine Learning
- iii. Security and Applications
- iv. Cloud Computing
- v. Probability and statistics

c. The College is encouraging the research activities. In this regard, a Research Advisory Committee (RAC) is formed in Computer Sciences. The RAC organizes Technical Talks in the emerging areas of the Computer Science. All the Faculty members of Computer Science will attend these technical talks to enhance their skills. The RAC advices and track the progress of various research activities in the Department.

d. The Department has applied Project Grants as listed below:

Sl. No.	Name of the Faculty	Dept.	Date/ Month Applied	Reference No.	Title of the Project	Funding Agency	Amount (Rs.)
1.	Dr. K. Suneetha	MCA	December, 2019	1-7080650395	MODROBS- Up gradation of existing Data mining lab to Data Analytics lab(DA-Lab)	AICTE	19,95,117
2.	Dr. M. Lavanya Ms. M. Sowmya Vani	MCA	December, 2019	1-7090281951	RPS- Classification of Electronic Health Records (EHRs) of women to extract patterns for risk prediction of Poly Cystic Ovarian Syndrome.	AICTE	24,94,117
3.	Mr. T. Naresh	MCA	December, 2019	1-7083925414	Two week FDP on Applied AI, Machine Learning & Deep Learning.	AICTE	6,93,000
4.	Dr. A. Jyothi Babu	MCA	December, 2019	1-7082121451	STTP- Data Science Applications and Practices using R Programming.	AICTE	4,35,000
5.	Dr. M. Lavanya	MCA	December, 2019	1-7081402302	STTP - Recent Trends and Research Perspectives in Blockchain Technology	AICTE	4,33,460

e. The Department has received AICTE-MODROBS Grant as listed below:

Sl. No.	Name of the Faculty	Title of the Project	Funding Agency	Year of Sanction	Duration	Amount (Rs. In Lakhs)	Status
1.	Dr. K. Suneetha	Modernization and Removal of Obsolescence - Rural (MODROB - RURAL) titled "Artificial	AICTE	2020	2 years	9.63	Ongoing

Sl. No.	Name of the Faculty	Title of the Project	Funding Agency	Year of Sanction	Duration	Amount (Rs. In Lakhs)	Status
		Intelligence and Machine Learning in Cloud Laboratory (AIMLC)"					

f. Papers Published by faculty in Journals:

Sl. No.	Name of the Author(s)	Designation	Name of the Journal	Title of the paper	Vol. No and Page nos.	Year	Indexed
1.	Dr. K. Suneetha Dr. M. Lavanya Ms. K. Manasa	HOD Associate Professor Assistant Professor	UGC care Journal- Test Engineering and Management	Predictive Analytics of Dengue Disease using Machine Learning Classification Approaches	ISSN: 0193-4120 Vol. 83 P.P. 5684-5689	2020	Scopus
2.	Dr. M. Lavanya Dr. K. Suneetha Ms. K. Manasa	Associate Professor HOD Assistant Professor	UGC care Journal- Test Engineering and Management	Recommender System based On Face Book Social Network Analysis Using Deep Collaborative Filtering	ISSN: 0193-4120 Vol. 83 P.P. 5759-5763	2020	Scopus

The External BOS Members have suggested the following to enhance the research initiatives of faculty:

- i. To collaborate with reputed research and development centers to proceed with the improvement of research activities.
- ii. To apply for individual minor/major projects in the concerns like UGC, AICTE, DST...etc.,

14.The following **Faculty Development Activities** were perused and noted by the BOS Members. The BOS Chairperson apprised the board about the faculty incentives, FDPs attended, events attended by faculty on online platforms, Add-on courses organized, paper publications/presentations. The members have appreciated the efforts of the department and suggested to continue the same. The BOS Chairperson assured the members that the efforts in this direction will be strengthened.

- a. The Faculty members of the department have presented their research papers in National/International conferences and Indexed Journals.
- b. The Management is encouraging Faculty by providing Incentives of Rs. 2000/- for 100% results and Rs. 1000/- for above 95% results.

- c. The Management is encouraging the Faculty to enhance their abilities by providing Registration Fee, TA and other Allowances for attending FDPs / Workshops / Seminars / Conferences.
- d. The Department has Feedback mechanism to assess the Faculty.

The External Members appreciated about the healthy and emulatable practices of the department for the holistic growth of the Faculty Members.

15. The BOS Chairperson submitted the following **Student Development Activities**.

External BOS members expressed their satisfaction regarding the student development activities such as Remedial/Reinforcement classes, Awards/Medals, Guest and Expert Lectures organized, Add-on/Workshop/Training courses conducted, Student Association Activities, Internships, and technical association activities.

- a. Based on the performance of the students in the Mid-I Examination, weak learners are identified and remedial classes will be conducted and bright students are encouraged to participate in the Technical Symposiums conducted in and around the College.
- b. The Department has organized Outreach activities, Professional Society Activities, Workshops and Training programs of APPSDC.
- c. The Department has a Student Technical Association, IMAC (Intellectual Master's Association of Computers). The student coordinators will take lead to organize various technical activities. The Inauguration and Valedictory Functions of the Association will be organized every year.
- d. **GAJJALA NIKITHA** of MCA 2016-19 batch has received *Nellore Lakshmi Devamma* endowment Gold Medal by securing 87.9%of marks (8.79 CGPA). The Gold Medal was presented during Annual Day Celebrations of the College on 19-03-2019.

The External Members satisfied for the steps taken towards the upliftment of weak learners and at the same time encouragement and support given to the bright students.

16. The Members of BOS noted **Student Support System** for all round growth and development of Students.

- a. Counseling Mechanism
- b. TCS NQT specific Training by M/s. Talentio Solutions India. Pvt. Ltd., Hyderabad
- c. Cognizant Specific Training by M/s. Talentio Solutions India. Pvt. Ltd., Hyderabad
- d. Mphasis Specific Training Program by M/s.Talentio Solutions India. Pvt. Ltd., Hyderabad.

- e. Technical Training (Foundation Skills in C & Data Structures) by M/s. Talentio Solutions India. Pvt. Ltd., Hyderabad.
- f. Campus Recruitment Training (CRT) Program by M/s. Aptitude Experts (APEX), Visakhapatnam.
- g. InfyTQ specific - Python Programming by Internal faculty, SVEC.
- h. Elite Batch Training (Product Development Companies & PAN India Specific) by M/s. Talentio Solutions India Pvt. Ltd., Hyderabad
- i. Sprint Batch Training (Service based companies) by M/s. Talentio Solutions India Pvt. Ltd., Hyderabad.
- j. Wipro Future Skills (Self-Paced Learning)
- k. English Language Learning (Listening, Speaking, Reading & Writing Skills) through Pearson-MePro online Platform to enhance communication skills (Self-paced Learning for 250+ hrs)
- l. Three Day Workshop on Fundamentals of Internet of Things (IoT Phase-I) by APSSDC.
- m. Amazon Web Services Technical Essential Workshop.
- n. Start-up fund
- o. Campus Selections

The BOS members have appreciated the proactive approach of the college in organizing the above activities for increasing the employability of the students and suggested to continue the same.

17. The Members of BOS noted the following **Extension Activities** and appreciated the efforts of department/college in organizing professional, technical and community development activities.

18. The BOS members have perused and appreciated the conducted activities. BOS members have suggested to conduct more number of NSS activities.

- a. The Department is encouraging students to participate in various community oriented activities through IMAC (Students' Technical Association) every year.
- b. Events organized under Charity Service at Arunodaya old age home at Nagaiahgari Palli on 31-10-2019.

The External Members expressed their satisfaction for the steps taken in involving students over social activities.

19. Any other item

The BOS members have appreciated the department of MCA for receiving Modernization and Removal of Obsolescence - Rural (MODROB -RURAL) titled "Artificial Intelligence and Machine Learning in Cloud Laboratory (AIMLC)" of 9.63 lakhs grant from ACITE by Dr. K. Suneetha. The members have appreciated the efforts of the department in the quality initiatives for the growth of students as well as faculty members.

Meeting concluded with thanks to the Chair.

Signatures of the Members:

(Dr. M. LAVANYA)

(Dr. K. MADHAVI)

(Dr. K. THIRUPATHI RAO)

(Dr. PATTABIRAMAN. V)

(Mr. YELLA RANJITH KUMAR)

(Mr. SANDEEP BV)

(Dr. K. SUNEETHA)

(Dr. A. JYOTHI BABU)

(Ms. M. SOWMYA VANI)

(Ms. K. MANASA)

Approved Course Structure

Program: MCA- Master of Computer Applications
Regulations: SVEC-19

S. No	Course Code	Course Title	Contact hours per Week				C	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total
MCA I- Semester										
1.	19MC1HS01	Financial and Management Accounting	4	-	-	4	4	40	60	100
2.	19MC10101	Computer Organization	4	-	-	4	4	40	60	100
3.	19MC10102	Mathematical Foundations of Computer Science	3	1	-	4	4	40	60	100
4.	19MC10103	Operating Systems	4	-	-	4	4	40	60	100
5.	19MC10104	Programming in C	4	-	-	4	4	40	60	100
6.	19MC1HS31	Communicative English Lab	-	-	3	3	1.5	50	50	100
7.	19MC10131	PC Software Lab	-	-	3	3	1.5	50	50	100
8.	19MC10132	Programming in C Lab	-	-	3	3	1.5	50	50	100
TOTAL			19	1	9	29	24.5	350	450	800

S. No	Course Code	Course Title	Contact hours per Week				C	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total
MCA II- Semester										
1.	19MC2BS01	Probability and Statistics	3	1	-	4	4	40	60	100
2.	19MC20101	Database Management Systems	4	-	-	4	4	40	60	100
3.	19MC20102	Data Structures	3	1	-	4	4	40	60	100
4.	19MC20103	Object Oriented Programming through JAVA	3	1	-	4	4	40	60	100
5.	19MC20104	Software Engineering	4	-	-	4	4	40	60	100
6.	19MC20131	Database Management Systems Lab	-	-	3	3	1.5	50	50	100
7.	19MC20132	Data Structures Lab	-	-	3	3	1.5	50	50	100
8.	19MC20133	Object Oriented Programming through JAVA Lab	-	-	3	3	1.5	50	50	100
TOTAL			17	3	9	29	24.5	350	450	800

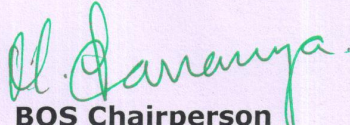
S. No	Course Code	Course Title	Contact hours per Week				C	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total
MCA III- Semester										
1.	19MC3HS01	Organizational Behavior and Human Resource Management	4	-	-	4	4	40	60	100
2.	19MC3BS01	Operations Research	4	-	-	4	4	40	60	100
3.	19MC30101	Computer Networks	4	-	-	4	4	40	60	100
4.	19MC30102	Data Warehousing and Data Mining	4	-	-	4	4	40	60	100
5.	19MC30103	Python Programming	3	1	-	4	4	40	60	100
6.	19MC30131	Computer Networks Lab	-	-	3	3	1.5	50	50	100
7.	19MC30132	Data Warehousing and Data Mining Lab	-	-	3	3	1.5	50	50	100
8.	19MC30133	Python Programming Lab	-	-	3	3	1.5	50	50	100
TOTAL			19	1	9	29	24.5	350	450	800

S. No	Course Code	Course Title	Contact hours per Week				C	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total
MCA IV- Semester										
1.	19MC40101	Object Oriented Analysis and Design	3	1	-	4	4	40	60	100
2.	19MC40102	LINUX Programming	3	1	-	4	4	40	60	100
3.	19MC40103	Web Programming	3	1	-	4	4	40	60	100
Professional Elective – I										
4.	19MC40104	Block Chain Technologies	4	-	-	4	4	40	60	100
	19MC40105	Multimedia Application Development								
	19MC40106	Information Security								
	19MC40107	Software Project Management								
Professional Elective – II										
5.	19MC40108	Information Retrieval Systems	4	-	-	4	4	40	60	100
	19MC40109	Artificial Intelligence								
	19MC40110	Cyber Security								
	19MC40111	Service Oriented Architecture								
6.	19MC4HS31	Soft Skills Lab	-	-	3	3	1.5	50	50	100
7.	19MC40131	Object Oriented Analysis and Design Lab	-	-	3	3	1.5	50	50	100
8.	19MC40132	LINUX and Web Programming Lab	-	-	3	3	1.5	50	50	100
TOTAL			17	3	9	29	24.5	350	450	800

S. No	Course Code	Course Title	Contact hours per Week				C	Scheme of Examinations Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total
MCA V- Semester										
1.	19MC50101	Cloud Computing	4	-	-	4	4	40	60	100
2.	19MC50102	Data Analytics	4	-	-	4	4	40	60	100
3.	19MC50103	Mobile Application Development	4	-	-	4	4	40	60	100
Professional Elective – III										
4.	19MC50104	Data Visualization	4	-	-	4	4	40	60	100
	19MC50105	.Net Technologies								
	19MC50106	Social Networks								
	19MC50107	Software Testing								
Professional Elective – IV										
5.	19MC50108	M-Commerce	4	-	-	4	4	40	60	100
	19MC50109	Machine Learning								
	19MC50110	Internet of Things								
	19MC50111	Software Security								
6.	19MC50131	Cloud Computing Lab	-	-	3	3	1.5	50	50	100
7.	19MC50132	Data Analytics Lab	-	-	3	3	1.5	50	50	100
8.	19MC50133	Internship	-	-	-	-	2	-	100	100
TOTAL			20	-	6	26	25	300	500	800

S. No	Course Code	Course Title	Contact hours per Week				C	Scheme of Examination Max. Marks		
			L	T	P	Total		Int. Marks	Ext. Marks	Total
MCA VI- Semester										
1.	19MC6MOOC	Open Elective (MOOC)	-	-	-	-	3	-	100	100
2.	19MC60131	Seminar	-	-	-	-	2	-	100	100
3.	19MC60132	Project Work	-	-	-	-	12	100	100	200
TOTAL			-	-	-	-	17	100	300	400

TOTAL No. OF CREDITS : 140
TOTAL MARKS : 4400


BOS Chairperson
Dr. M. LAVANYA
 CHAIRPERSON, BOS
 DEPARTMENT OF M.C.A.
 SREE VIDYANATHAN ENGINEERING COLLEGE
 A. RAJAMPET -617 102
 CHITTOOR (Dist.) A.P.

LIST OF NEW COURSES INTRODUCED

Program: MCA- Master of Computer Applications

Regulations : SVEC-19

Course Code	Name of the course
19MC20104	Software Engineering
19MC30103	Python Programming
19MC30133	Python Programming Lab
19MC40104	Block Chain Technologies
19MC40109	Artificial Intelligence
19MC40110	Cyber Security
19MC40111	Service Oriented Architecture



BOS Chairperson

Dr. M. LAVANYA

CHAIRPERSON, BOS

DEPARTMENT OF M.C.A.

SREE VIDYANATHAN ENGINEERING COLLEGE

A. RANGAMPET - 517 102

CHITTOOR (Dist.) A.P.