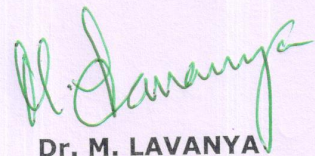# SREE VIDYAhgfNIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

SREE SAINATH NAGAR, A. RANGAMPET-517 102

Agenda for 10th Meeting of Board of Studies for MCA Program on 10.6.2019 at 2:15 PM

1. Action taken report on minutes/resolutions of 9th BOS meeting.

2. Report on implementation of autonomy with respect to syllabi and academic regulations for V and VI Semesters of MCA (Under SVEC16).

3. Academic Calendar for MCA (III, IV, V and VI Semesters) for 2019-20.

4. Vision and Mission of the Department, PEOs, POs & PSOs and Course Structure (All 6 Semesters) of MCA Program under SVEC-19.

5. Administrative Setup for MCA Program.

6. Syllabi with Course Objectives & Course Outcomes, Lesson Plans and Model Question Papers for I and II Semester Courses of MCA Program under SVEC-19.

7. Panel of Examiners for question paper setting of I and II Semester Courses of MCA Program.

8. Teaching, Learning and Evaluation.

9. Research Activities.

10. Faculty Development Activities.

11. Student Development Activities.

12. Student Support Systems.

13. Extension Activities.

14. Any other item.

Dr. M. LAVANYA

Chairperson, BOS

10th Board of Studies Meeting in M.C.A. held on 10-06-2019

Members Present:

Dr. K. MADHAVI Associate Professor, Dept. of CSE, JNTUA Engineering College, Sir Mokshagundam Vishveshwariah Road, **JNTUA, Anantapuramu- 515002**.	External Member (JNTUA Nominee)
Dr. K. Thirupathi Rao Associate dean academic & Professor Department of Computer science and Engineering KL University, Vaddeswaram **Guntur-522502**	External Member (AC Nominee)
Dr. Pattabiraman. V Associate Professor School of computer science and Engineering, VIT University, Vandalur-Kelambakkam Road **Chennai-600127**	External Member (AC Nominee)
Mr. Yella Ranjith Kumar President and Cofounder Syngy Maxim Solutions Pvt. Ltd, Plot No: 734, Near Road No: 5 Signboard, Vasanth Nagar, Kukatpally, **Hyderabad -500072**	External Member (AC Nominee)
Dr. M. Lavanya Assistant Professor (SL), MCA Department, Sree Vidyanikethan Engineering College, Sree Sainath Nagar, **TIrupati-517102**	BOS Chairperson
Dr. K. Suneetha Professor & Head, MCA Department, Sree Vidyanikethan Engineering College, Sree Sainath Nagar, **TIrupati-517102**	Internal Member
Dr. A. Jyothi Babu Associate Professor, MCA Department, Sree Vidyanikethan Engineering College, Sree Sainath Nagar, **TIrupati-517102**	Internal Member
Ms. M. Sowmya Vani Assistant Professor, MCA Department, Sree Vidyanikethan Engineering College, Sree Sainath Nagar, **TIrupati-517102**	Internal Member
Mr. Y. Kiran Kumar Assistant Professor, MCA Department, Sree Vidyanikethan Engineering College, Sree Sainath Nagar, **TIrupati-517102**	Internal Member

Minutes:

1. **Action Taken Report** on Minutes of the 9th BOS Meeting held on 26-05-2018.

   - The Course Structure of SVEC19 which is approved in 8th BOS Meeting and subsequently in Academic Council are to be proposed in 2019-20.

   - Successfully implemented the autonomy with respect to syllabi and regulations (SVEC16 III MCA) for the academic year 2018-19.

   - As Resolved in 9th BOS Meeting, Model question papers and Panel of Examiners are prepared and submitted to the Principal and Chairman, Academic Council.

2. The External Members perused course structure, and suggested the following points are implemented successfully.

3. Perused and approved the **Academic Calendar** for II and III year MCA as enclosed in **Annexure-I**.

4. Perused and suggested to improve the **Course Structure** as enclosed in **Annexure-II** of MCA Program.

   - External BOS members appreciated the proposed course structure and suggested to implement courses with practical exposure.

   - Suggested to identify Real time projects to publish and present papers in journals and conferences for project work in VI Semester.

   - Recommended to adopt Machine Learning Course as a core course along with Laboratory instead of LINUX Programming in IV Semester.

   - Advised to include concepts of Professional Ethics as a one unit in Cyber Security course.

   - Suggested to replace Data science with Data Visualization and include Data Science as one unit in Data Analytics Course.

   - Advised to replace Python Programming with Web Programming and Web Programming with Python Programming.

   - 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 to VI Semester from V semester and Internship to V semester from VI semester.

   - Suggested to conduct Expert lectures for Deep Learning & Artificial Intelligence for students.

5. It is resolved to authorize Chairperson, BOS for preparing List of **Panel of examiners** and Paper setters for MCA I, II and III years within 15 days after the commencement of Class Work in each semester and submit to the Principal & Chairman, Academic Council.

6. Perused and approved the **Panel of examiners** for the Courses of I, II and III MCA as enclosed in **Annexure-III**.

7. Perused and approved the Layout of model question papers for the Courses of I, II and III year MCA as enclosed in **Annexure-IV**.

8. 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-V**.

   The External Members appreciated about Add-on Courses introduced in each of the semester.

9. The following **Research Activities** were perused and noted 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. Y. Kiran Kumar
   b. The Department encouraged to do research and consultancy activities in the areas of,
      i. Data Warehousing and Data Mining
      ii. SOA and Cloud Computing
      iii. Business Analytics
      iv. Data Analytics
      v. Information Security

   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/received 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	14-11-2018		Emerging Trends in Cloud Computing Based Mobile Application Testing and its Tools	AICTE-STTP	5.0 Lakhs
2.	Dr. K.Suneetha	MCA	14-11-2018	1-4148708786	Cloud Computing and Data Science	AICTE-MODROBS	19.74 Lakhs
3.	Dr. A. Jyothi Babu	MCA	14-11-2018	1-414489665787	Python and R-Programming for Statistical Analysis and Data Science Applications	AICTE-STTP	4.87 Lakhs

Sl. No.	Name of the Faculty	Dept.	Date/ Month Applied	Reference No.	Title of the Project	Funding Agency	Amount (Rs.)
4.	Dr. M. Lavanya and Mr. A.R. Kishore Kumar	MCA	14-11-2018	1-4149154318	Recommender System to classify antenatal records of women to extract patterns for the risk prediction for Poly Cystic Ovarian Syndrome using prediction models	AICTE-RPS	21.6 Lakhs
5.	Ms. M. Sowmya Vani	MCA	14-11-2018		Recommender system of analyzing the impact of anemia on pregnant women	AICTE-RPS	21.27 Lakhs
6.	Mr. G. Jagadeesh Kumar	MCA	14-11-2018		Block Chain Technologies – Opportunities and Challenges	AICTE-RPS	4.32 Lakhs

The External Members have suggested,

 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.,

11. The following **Faculty Development Activities** were perused and noted by the BOS Members

 a. The Faculty members of the department have presented their papers in renowned Universities.

 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.

11. The following **Student Development Activities** were perused and noted by the BOS Members

   a. Based on the performance of the students in the I Mid 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 program 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. K.GAYATHRI of MCA 2015-18 batch has received *Nellore Lakshmi devamma* endowment Gold Medal by securing 89.2%of marks (8.92 CGPA). The Gold Medal was presented during Annual Day Celebrations of the College on 19-03-2018.

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.

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

   a. Counseling Mechanism

   b. FACE – Campus Recruitment Training Programme

   c. Phase-1: Xobin Boot Camp Workshop (Technical Training-Online)

   d. Infosys company specific training

   e. TCS company specific - Mock Interviews
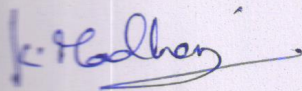
   f. CPRS Phase-1: Training in Aptitude & Reasoning

g. Technical Training Program (C & Data Structures)

h. Start-up fund

i. Campus Selections

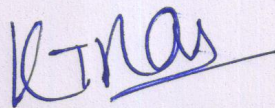13. The Members of BOS noted the following **Extension Activities**

    a. The Department is encouraging students to participate in various community oriented activities through IMAC (Students' Technical Association) every year.

    b. Some of the Events organized are

        i. Voter awareness on EVM and VVPAT at Bandralapalli

        ii. Health Awareness program conducted for school children at MPP School, Nagapatlla.

        iii. Blood donation during 19-03-2018.

The External Members expressed their satisfaction for the steps taken in involving students over social activities.
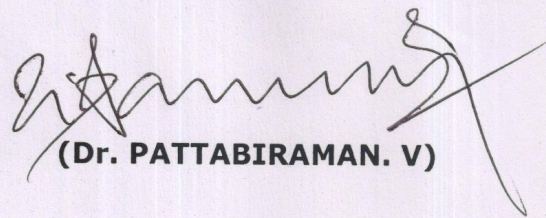
Signatures of the Members:
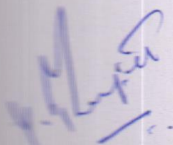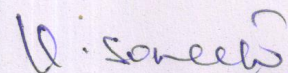
(Dr. K. MADHAVI)
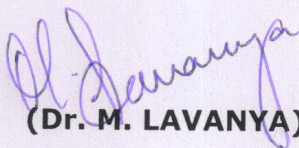
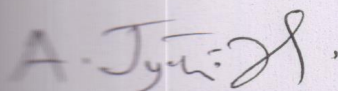(Dr. K. THIRUPATHI RAO)

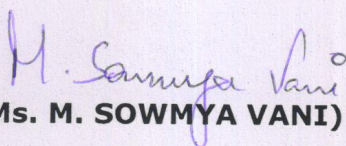(Dr. PATTABIRAMAN. V)

(Mr. YELLA RANJITH KUMAR)
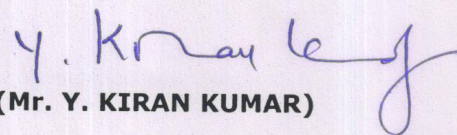
(Dr. M. LAVANYA)

(Dr. K. SUNEETHA)

(Dr. A. JYOTHI BABU)

(Ms. M. SOWMYA VANI)

(Mr. Y. KIRAN KUMAR)