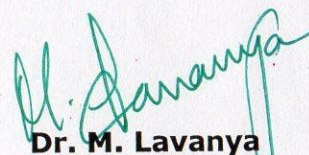


Agenda for 8th Meeting of Board of Studies for MCA Program on
27-03-2017 @ 10:00 AM

1. Action taken report on minutes/ resolutions of 7th BOS meeting.
2. Report on implementation of autonomy with respect to syllabi and regulations (SVEC16 I MCA & SVEC14 III MCA.).
3. Academic Calendar for 2017-18
4. Vision and Mission of the Department, PEOs, POs and PSOs.
5. Course Structure and Syllabi with Course Objectives & Outcomes and Lesson Plans for the courses of SVEC16 II & III MCA Program.
6. Teaching, Learning and Evaluation.
7. Research Activities.
8. Faculty Development Activities.
9. Student Development Activities.
10. Student Support Systems.
11. Extension Activities.
12. Any other item.


Dr. M. Lavanya

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

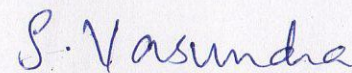
8th Board of Studies Meeting in M.C.A. held on 27-03-2017

Members Present:

Dr. S. Vasundra

Professor & HOD

Dept. of Computer Science and Engineering,
JNTUA College of Engineering,
Anantapuramu

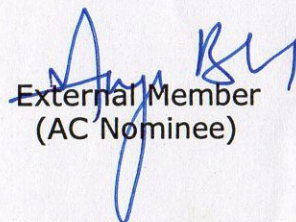


External Member
(JNTUA Nominee)

Dr. G. Anjan Babu

Professor & HOD

Department of Computer Science,
Sri Venkateswara University,
Tirupati

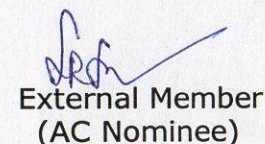


External Member
(AC Nominee)

Mr. D. Sitarama Sarma

Delivery Manager

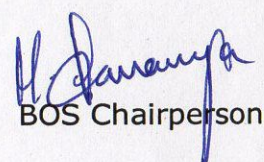
#4, 6-3-609/18, Kanthi Avenue Apartment,
Anand Nagar Colony
Khairatabad
Hyderabad



External Member
(AC Nominee)

Dr. M. Lavanya

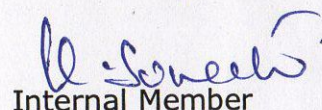
Assistant Professor (SL),
MCA Department, SVEC



BOS Chairperson

Dr. K. Suneetha

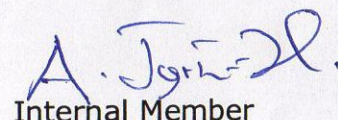
HOD, MCA Department, SVEC



Internal Member

Dr. A. Jyothi Babu

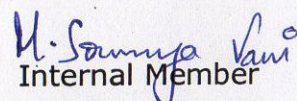
Associate Professor,
MCA Department, SVEC



Internal Member

Ms. M. Sowmya Vani

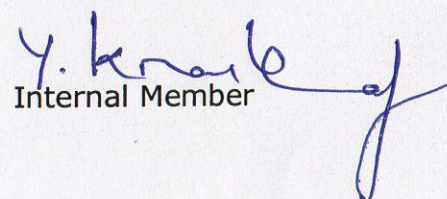
Assistant Professor,
MCA Department, SVEC



Internal Member

Mr. Y. Kiran Kumar

Assistant Professor,
MCA Department, SVEC



Internal Member

Minutes:

1. **Action Taken Report** on Minutes of the 7th BOS Meeting held on 22-04-2016.
 - The Syllabi of MCA I year as approved in 7th BOS Meeting and subsequently in Academic Council are implemented.
 - As Resolved in 7th BOS Meeting, Question Bank and Panel of Examiners are prepared and submitted to the Principal & Chairman, Academic Council.
2. The External Members perused course structure, syllabi I MCA and SVEC-16 regulations and suggested the following points are implemented successfully.
 - a. MOOC course is included in IV semester.
 - b. Programming in C and Data Structure laboratories are separated and implemented successfully in SVEC16 regulations for academic year 2016-17.
 - c. Adopted open source technologies in Big Data Analytics and Cloud computing Laboratories while framing the syllabi of II and III MCA.
 - d. Bio informatics, Ethical hacking and Linux Programming courses are included in SVEC-16 regulations.
 - e. Adapted 4 credits for each course in SVEC16 Regulations.
 - f. Renamed Course title of Network security with Information security.
 - g. Assigned 100 marks for seminar with 2 credits in VI semester.
 - h. Assigned 200 marks for project work in VI semester as follows:

External Evaluation: 100 Marks

Internal Evaluation:

- i) Phase-I Review: 50 Marks
- ii) Phase-II Review: 50 Marks

3. Perused and approved the **Academic Calendar** for II and III year MCA as enclosed in **Annexure-I**.
4. Perused and approved the **Vision and Mission of the Department, Program Educational Objectives, Program Outcomes and Program Specific Outcomes** as enclosed in **Annexure-II** and the following points are suggested to improve the **Course Structure** as enclosed in **Annexure-III** and syllabi of MCA Program.
 - a. Course structure and Syllabi of II and III semester are appreciated by BOS external members
 - b. Academic calendar for all semesters for the batch admitted during the academic year 2017-18 has prepared.
 - c. They Appreciated that relevant courses are identified and included in the Course structure, SVEC-16.

- d. Suggested to include Societal related point in department mission.
- e. Advised to replace Big Data Analytics course title to Data analytics/Data Science.
- f. Suggested to reduce the syllabi of II and III MCA Courses.
- g. Recommended to consult PEGA systems which are MOOC provider, gives Industry Specific online courses in BPM and CRM Tools.
- h. Suggested to Publish/present papers in National/International Journals/Conferences in MCA VI semester project work.
- i. Advised to remove Network Security concepts from Computer Networks in III semester.
- j. Suggested to increase laboratory hours from 3 to 4 hours to have more practical session for the courses offered.

5. Perused and approved the **Course Objectives, Course Outcomes, Syllabi and Lesson plans of II and III MCA Program** as enclosed in **Annexure-IV**.

- 6. 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.
- 7. Perused and approved the format of **Panel of examiners** for the Courses of II and III MCA as enclosed in **Annexure-V**.
- 8. Perused and approved the sample Layout of Question Bank for the Courses of II and III year MCA as enclosed in **Annexure-VI**.
- 9. 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-VII**.

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

- 10. 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. Mr. Y. Kiran Kumar
 - vi. Ms. K. Manasa
- b. The Department encouraged to do research and consultancy activities in the areas of,
- i. Data Warehousing and Data Mining
 - ii. Software Quality Assurance and Testing
 - iii. SOA and Cloud Computing
 - iv. Business Intelligence
 - v. Semantic Web Mining
 - vi. Data Sciences
 - vii. Operations Research
 - viii. Internet of Things (IoT)
- 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 advises 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 research project	Sanctioned/ Proposed	Name of the PI and Co-investigator	Cost of the project, Rs.	Name of the funding agency
1.	Ez News: An Application To Provide News Articles as Per Individual Preferences	Sanctioned	Dr. K. SUNEETHA	60,000	UGC (MRP)
2.	Cloud Computing & Big Data Analytics Lab	Proposed	Dr. K. SUNEETHA	1,987,000	AICTE
3.	Feature Extraction from Diabetic Medical records to identify the Progression of diabetes both Type I and Type II (FEDPT)	Proposed	Dr. M LAVANYA	1,186,000	AICTE
4.	Intelligent System with interactive voice capability for educating, empowering, and protecting women in the State of Andhra Pradesh	Proposed	Ms. M. SOWMYA VANI	1,256,953	AICTE
5.	Research Perspectives and Challenges in "Cloud and IoT Platforms-Security and Privacy"	Proposed	G. JAGADEESH KUMAR	700,000	AICTE
6.	Recent trends and challenges using data analytics open source tools	Proposed	K. MANASA	684,275	AICTE

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 published their papers in renowned Journals.
- b. The Management is encouraging Faculty by providing Incentives of Rs. 2000-00 for 100% results and Rs. 1000-00 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.

12. 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 many Expert Lectures, Guest Lectures, Workshops and Seminars.
- 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. **Ms. GADEPALLI SAIYASASWINI** of MCA 2013-16 batch has received *Nellore Lakshmi devamma* endowment Gold Medal by securing 88.09% of marks (8.46 CGPA). The Gold Medal was presented during Annual Day Celebrations of the College on 19-03-2017.

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.

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

- a. Counseling Mechanism
- b. CPRS (Campus Placement Related Skills) Program
- c. Spoken Tutorial Program, IIT Bombay
- d. Seventh Sense Talent Solutions, Bangalore
- e. Start-up fund
- f. Campus Selections
- g. IIIC Activities

14. 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. AP Cloud Workshop (Mean Stack+Cloud Computing) and Sree Vidyanikethan Engineering College (Autonomous) by Miracle Software Solutions on 24th -26th Oct, 2016 for selected students of 2015 admitted batch.
 - ii. For Smart India Hackathon 2017, a project entitled "Skill Development and Assessment Portal" is selected by central government of India under MHRD.
 - iii. For Blood donation camp organized by Sree Vidyanikethan Education trust on 19-03-2017, 23 members from MCA department donated Blood Under NSS Activity.
 - iv. C. Swathi & A.V.S.S. Akhil has won second prize for the paper titled "Internet of Things in Agriculture" in 8th National Level Student Symposium(ATM-17) organized by department of computer applications held on 21st March, 2017 in Annamacharya Institute of Technology & Sciences, Rajampeta.

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

Signature of the Members:

S. Vasundra

(Dr. S. Vasundra)

Dr. G. Anjan Babu

(Dr. G. Anjan Babu)

Mr. D. Sitarama Sarma

(Mr. D. Sitarama Sarma)

Dr. M. Lavanya

(Dr. M. Lavanya)

Dr. K. Suneetha

(Dr. K. Suneetha)

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Ms. M. Sowmya Vani

(Ms. M. Sowmya Vani)

Mr. Y. Kiran Kumar

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