No.SVEC/Proceedings/2020   Dt : 16.09.2020

PROCEEDINGS

The Principal is pleased to constitute **"IQAC – Audit Committee"** and they are expected to accept the assignment to conduct the Audit of the Departments as per the following schedule

Sl.No.	Dept	Date	Time	Members
1	ME	21.09.2020	10.30AM	1. Dr. S. Hema Chandra, Dept. of EEE
2	CE	21.09.2020	02.30PM	2. Dr.N.Padmaja, Dept. of ECE
				3. Dr.K.Leela Rani, Dept. of EEE
3	EIE	22.09.2020	10.30AM	1. Dr.V.V.Ramaprasad, Dept. of CSE
4	EEE	23.09.2020	10.30AM	2. Dr.B.Narendra Kumar Rao, Dept. CSE
				3. Dr.G.Sunitha, Dept. CSE
				4. Dr. N.M.G. Kumar, Dept. EEE
5	IT	22.09.2020	02.30PM	1. Dr.T.Hari Prasad, Dept. ME
6	CSE	23.09.2020	02.30PM	2. Dr. A.Jyothi Babu, Dept. of MCA
7	ECE	24.09.2020	10.30AM	3. Dr. R. Satya Meher, Dept. ME
8	CSSE	24.09.2020	02.30PM	1. Dr. Hemadri Prasad Raju, Dept. of CE
9	MCA	25.09.2020	10.30AM	2. Dr. A.K.Damodaram, Dept. ME

PRINCIPAL

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(AUTONOMOUS)
Sree Sainath Nagar, A. RANGAMPET
Chittoor (Dist.) - 517 102, A.P., INDIA.

Copy to : All Members of the Committee
HODs : EEE, ECE, EIE, CSE, CSSE, IT, CE, ME & MCA for information.
File.

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Audit Report for the Academic Year 2019-20

Department of Computer Science and Systems Engineering

The members of the audit committee visited the department of Information Technology on 24.09.2020 at 02.30 PM and interacted with the HOD and members of the faculty.

> **Curricular Activities:**

- Add-on courses to be conducted for a duration of atleast 20 hours for its students.

- Remedial and Reinforcement classes are to be conducted for the benefit of slow learners

> **Student Development**

- Students of the department to be encouraged to enhance coding skills by encouraging them to be registered in available coding platforms.

- Students to be encouraged and guided appropriately to present papers at National and International conferences

- Department to organize more events relevant to soft skill development of its students

> **Faculty Development**

- More events on Faculty development like Seminars/Workshops/FDPs to be organized in the emerging areas in the department

- Faculty members are attending good number of Faculty development programs at reputed institutions.

- Faculty members to submit research proposals to funding agencies by its.

➤ **Research activities and outcomes**

➤ Research talks are in progress in the department.

➤ Members of faculty were requested to publish in journals with decent impact factor.

➤ Organize more research talks in the departments

➤ Faculty members to be encouraged to present papers in international conferences and publish in international journals

➤ **Facilities Development**

• Department to take up research activities in the Cyber Security Research Lab more proactively.

1. **Dr. Hemadri Prasad Raju, Dept. of CE** -

2. **Dr. A.K.Damodaram, Dept. ME** -

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Audit Report for the Academic Year 2019-20

Department of Master of Computer Applications

The members of the audit committee visited the department of Master of Computer Applications on 25 .09.2020 at 10.30 AM and interacted with the HOD and members of the faculty.

> ➢ **Curricular Activities:**

- ➢ Add-on courses to be conducted in the department as per needs of the students.

- Fewer add-on courses were conducted in the department and they should plan for the conduct of bridge courses in cutting-edge technologies.

- Remedial and reinforcement classes to be conducted appropriately.

> ➢ **Student Development**

- Training of students in advanced and emerging areas of technological advances is essential to cater to the needs of the industry.

- Student workshops on Machine Learning are essential to be conducted in the department

- Students to be encouraged to participate in events outside the institution.

- Students to be encouraged to present and publish papers in conferences and journals.

> ➢ **Faculty Development**

- Faculty members should be planning to attend more Faculty development programs at reputed institutions as per Training Needs analysis.

- More number of faculty development programs/workshops to be undertaken in the department.

> ### Research activities and outcomes

> Faculty members are required to strictly follow the publication policy of the institution.

> More number of Research talks to be undertaken in the department.

> ### Facilities Development

- List of software to be procured for the new regulations to be planned accordingly. Department should prepare a plan for the next two years and submit it.

1. Dr. Hemadri Prasad Raju, Dept. of CE   -

2. Dr. A.K.Damodaram, Dept. ME   -

Audit Report for the Academic Year 2019-20

Department of Computer Science and Engineering

The members of the audit committee visited the department of Computer Science and Engineering on 23.09.2020 at 2.30 AM and interacted with the HOD and members of the faculty.

➢ **Curricular Activities:**

- Remedial and Reinforcement classes to be conducted for B.Tech students appropriately.

- Add-on courses to be planned for all the students in the department uniformly.

➢ **Student Development**

- Students to be encouraged to participate in events outside the institution

- More number of technical association activities to be organized in the department.

- Students to be encouraged to present and publish papers in conferences and journals.

➢ **Faculty Development**

- Faculty members to be encouraged to attend programs outside of the institution and present papers in reputed conferences.

- More number of faculty development programs/workshops to be undertaken in the department.

- Doctorate faculty members to be encouraged to submit research Proposals to funding agencies   .

➤ Research activities and outcomes

- More number of technical talks to be organized in the department.

- More number of Faculty members to be encouraged to publish papers in peer-reviewed and quality indexed journals and conferences.

- Faculty members are encouraged to submit research projects for Internal Seed funding and other funding agencies.

- Patent filing activity under progress in the department.

➤ Facilities Development

- Department to prepare a comprehensive plan for next two years for the development of Intelligent Computing Research Labs and insist for proactive student involvement.

1. Dr.T.Hari Prasad, Dept. ME   -

2. Dr. A.Jyothi Babu, Dept. of MCA   -

3. Dr. R. Satya Meher, Dept. ME   -

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Audit Report for the Academic Year 2019-20

Department of Electronics and Communications Engineering

The members of the audit committee visited the department of Electronics and Communication Engineering on 24.09.2020 at 10.30 AM and interacted with the HOD and members of the faculty.

➢ **Curricular Activities:**

- Remedial and Reinforcement classes to be conducted for II B.Tech students appropriately.

- Add-on courses to be planned to cater to all the needs of students in the core areas of the department.

➢ **Student Development**

- Department to plan imparting more placement relevant skills during training and in Student technical association events.

- Encourage students to attend more technical skill development events organized in different colleges.

- Career counseling may be taken up to encourage students to pursue higher education at reputed universities as their next destination.

- More number of Expert and Guest Lectures to be organized in the department covering latest emerging technologies.

- To encourage students to take up innovative projects and participate in different events organized at premier institutions.

➢ **Faculty Development**

- Faculty members to be encouraged to attend FDPs at reputed institutions.

- Application for Seminar grants can be taken up in the department.

➤ **Research activities and outcomes**

➤ Faculty members to publish more research papers in quality journals as per the publication policy of the institution.

➤ More number of Research talks can be conducted in the department.
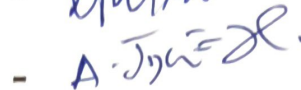
➤ **Facilities Development**

• New Lab setup initiatives and plans to be implemented accordingly.

1. Dr.T.Hari Prasad, Dept. ME

2. Dr. A.Jyothi Babu, Dept. of MCA

3. Dr. R. Satya Meher, Dept. ME

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Audit Report for the Academic Year 2019-20

Department of Electrical and Electronics Engineering

The members of the audit committee visited the department of Electrical and Electronics Engineering on 23.09.2020 at 10.30 AM and interacted with the HOD and members of the faculty.

➢ **Curricular Activities:**

- Few add-on courses to be conducted in the department in the core areas for the students.

- Students to be encouraged to take up projects in advanced areas by collaborating with faculty in the department.

➢ **Student Development**

- Department to plan placement training for its students for enhanced employability in the department.

- Students to be encouraged to publish or present papers in reputed journals and conferences.

- Workshops relevant to student technical skill development to be organized by the department.

- More number of Expert and Guest Lectures to be organized in the department covering latest emerging technologies.

➢ **Faculty Development**

- More number of Faculty development programs to be organized in the department.

- Faculty members are to be encouraged to present papers in reputed conferences.

- Faculty members to be encouraged to publish papers in peer-reviewed and quality indexed journals

➤ Research activities and outcomes

- More number of technical talks to be organized in the department.

- Faculty Members are encouraged to submit research proposals seeking funds from different agencies.

- More number of publications to be taken up by the faculty members of the department in journals and conferences.

➤ Facilities Development

- Comprehensive plan needs to be prepared for establishing new laboratories or procuring equipment for existing laboratories in the department.

1. Dr.G.Sunitha, Dept. of CSE -

2. Dr.B.Narendra Kumar Rao, Dept. CSE -

3. Dr. N.M.G. Kumar, Dept. EEE -

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Audit Report for the Academic Year 2019-20

Department of Information Technology

The members of the audit committee visited the department of Information Technology on 22.09.2019 at 02.30 PM and interacted with the HOD and members of the faculty.

> **Curricular Activities:**

- Value-added courses and Add-on courses to be conducted for a duration of atleast 20 hours for its students.

- Remedial and Reinforcement classes are to be conducted effectively for the benefit of slow learners

> **Student Development**

- Students of the department to be encouraged to enhance coding skills by encouraging them to be registered in available coding platforms.

- Students to be encouraged and guided appropriately to present papers at National and International conferences

> **Faculty Development**

- Faculty development programs in the emerging areas to be organized by the department

- Faculty members are attending good number of Faculty development programs at reputed institutions.

> **Research activities and outcomes**

> Research talks are in progress in the department.

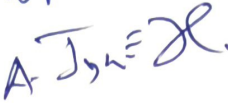> Members of faculty were requested to publish in journals with impact factor.

➤ Facilities Development

- Department to take up research activities proactively in the Data Analytics Research Lab

1. Dr.T.Hari Prasad, Dept. ME —

2. Dr. A.Jyothi Babu, Dept. of MCA —

3. Dr. R. Satya Meher, Dept. ME —

Audit Report for the Academic Year 2019-20

Department of Electronics and Instrumentation Engineering

The members of the audit committee visited the department of Electronics and Instrumentation Engineering on 22.09.2020 at 10.30 AM and interacted with the HOD and members of the faculty.

➤ **Curricular Activities:**

- Add-on courses and bridge courses to be conducted for a duration of atleast 20 hours for its students utilizing the inter-departmental expertise.

- Remedial and Reinforcement classes are to be conducted for more days for the benefit of slow learners in II and III Year EIE students.

➤ **Student Development**

- Department to identify the skill levels of students and accordingly train them for placement in core companies.

- Students to be encouraged to collaborate with faculty and submit more number of research articles for publications.

- Decent number of activities relevant to student development were organized by the department.

➤ **Faculty Development**

- Department to organize more faculty development programs.

- Encourage faculty members to attend more number faculty development programs.

➤ **Research activities and outcomes**

➤ Faculty members are requested to publish atleast one research paper in a given academic year.

➤ Members of faculty are encouraged to apply for Internal Seed funded projects.

➤ **Facilities Development**

• Department to take up activities relevant to the research laboratory on Bio Signal Research Lab and submit plan of action for next two years to Principal, SVEC.

• Comprehensive two-year plan implementation to be undertaken by the the department for the establishment of new laboratories.

1. **Dr.B.Narendra Kumar Rao, Dept. CSE**   - *BNarends*

2. **Dr.G.Sunitha, Dept. of CSE**   - *[signature]*

3. **Dr. N.M.G. Kumar, Dept. EEE**   - *[signature]*

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Audit Report for the Academic Year 2019-20

Department of Mechanical Engineering

The members of the audit committee visited the department of Mechanical Engineering on 21.09.2019 at 10.30 AM and interacted with the HOD and members of the faculty.

> **Curricular Activities:**

- Encourage more students to participate in Add-on courses and bridge courses for improving placement relevant skills among students.

- Remedial and Reinforcement classes are to be planned appropriately for improved pass percentage among II & III year B.Tech students of the department.

> **Student Development**

- Vibrant technical association activities are to be taken up for the students and they are required to be mentored by faculty.

- Training on Placement relevant skills to be imparted to its students for improving their placement potential.

- Students to be encouraged to take up Internships in core companies to improve the chances of placement in core companies.

- Students to be encouraged to participate in Paper presentations and technical events

> **Faculty Development**

- Faculty members to attend more Faculty development programs at reputed institutions for short-term to long-term programs.

- Department to organize more faculty development programs.

➢ **Research activities and outcomes**

- All the faculty members are to be encouraged to publish in journals with Impact Factor

- Members of Faculty submitted research proposals to funding agencies seeking grants.

➢ **Facilities Development**

➢ Department to initiate procurement of equipment for Research labs in the department.

1. Dr. S. Hema Chandra, Dept. of EEE　　-

2. Dr.N.Padmaja, Dept. of ECE　　-

3. Dr.O.Leela Rani, Dept. of ECE　　-

Audit Report for the Academic Year 2019-20

Department of Civil Engineering

The members of the audit committee visited the department of Civil Engineering on 21.09.2020 at 02.30 PM and interacted with the HOD and members of the faculty.

> ### Curricular Activities:

- Few more Add-on Courses and Value-added Courses to be conducted for the students by its faculty members

- Remedial and Reinforcement classes to be conducted effectively for improved pass percentage among students in the examinations.

> ### Student Development

- Students to be encouraged to participate in inter and intra collegiate events.

- Appropriate domain specific training to be imparted among students for improving their placement potential

- Wide Ensemble of technical association events and Field visits to be organized for students.

> ### Faculty Development

- Faculty members to attend Faculty Development Programs to upgrade their knowledge and skills in their relevant domain.

- Faculty development programs to be organized as per the Academic Calendar of events.

- Departments visit to nearby to institutions for faculty development activities were appreciated.

➤ Research activities and outcomes

- Faculty members are requested to concentrate on the research activities in the department

- More number of faculty members to be encouraged to present papers in international conferences and publish in reputed international journals with impact factor.

➤ Facilities Development

- Department to procure equipment for Research labs in Geotechnical Research and initiate research activities.

1. Dr. S. Hema Chandra, Dept. of EEE   -

2. Dr.N.Padmaja, Dept. of ECE   -

3. Dr.D.Leela Rani, Dept. of ECE   -