

**Agenda for 10<sup>th</sup> Meeting of Board of Studies for B. Tech.**  
**(Civil Engineering) on 10.6.2019 at 02:15 PM**



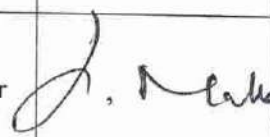
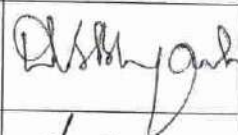
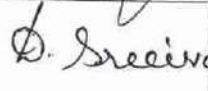


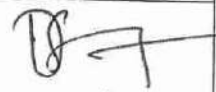
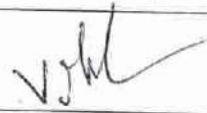
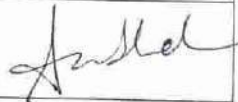
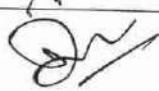
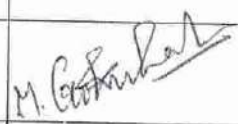

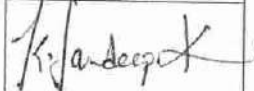
1. Action Taken Report on Minutes/ Resolutions of 9<sup>th</sup> BOS Meeting
2. Report on Implementation of Autonomy with Respect to Syllabi & Academic Regulations for III B.Tech. (under SVEC16)
3. Academic Calendar for II, III and IV Year B.Tech. for 2019-20
4. Vision and Mission of the Department, PEOs, POs & PSOs and Course Structure (All 4 years) of B.Tech. Program under SVEC-19 Curriculum
5. Administrative set-up for B.Tech. Program
6. Syllabi with Course Objectives & Course Outcomes, Lesson Plans and Model Question Papers for Courses of I B.Tech. (Under SVEC-19)
7. Panel of Examiners for Question Paper Setting for I B.Tech. Courses (Under SVEC-19)
8. Implementation of Teaching, Learning and Evaluation Process
9. Substitute Courses
10. Research and Consultancy
11. Faculty Development Activities
12. Staff Development Activities
13. Student Development Activities
14. Student Support Systems
15. Extension Activities
16. Any other Item

  
**Dr. O. Eswara Reddy**  
Chairman  
BOS in Civil Engineering

**10<sup>th</sup> Meeting of Board of Studies**  
**for B.Tech. in Civil Engineering on 10.6.2019 @ 02:15 PM**

**MINUTES**

**Members Present:**

S. No.	Name	Designation	Signature
1.	<b>Dr. O. Eswara Reddy</b> Professor of Civil Engineering, Sree Vidyanikethan Engineering College (Autonomous), Tirupati – 517 102.	Chairman	
2.	<b>Dr. T. D. Gunneswara Rao,</b> Professor, Department of Civil Engg., National Institute of Technology, Warangal – 506004.	External Member (Academics)	
3.	<b>Dr. P. Mallikarjuna</b> Professor, Dept. of Civil Engineering, S. V. U. College of Engineering, S. V. University, Tirupati-517502	External Member (Academics)	
4.	<b>Dr. D. V. S. Bhagavanulu</b> Professor of Civil Engineering & Director, SVEC, Tirupati	Internal Member (Academics)	
5.	<b>Dr. D. Sreenivasulu</b> Associate Professor & Head, Dept. of Civil Engineering, SVEC, Tirupati.	Internal Member (Academics)	 10/6/2019
6.	<b>Dr. P. Ramesh</b> Associate Professor, Dept. of Civil Engineering, SVEC, Tirupati.	Internal Member (Academics)	
7.	<b>Dr. Hemadri Prasad Raju</b> Associate Professor, Dept. of Civil Engineering, SVEC, Tirupati.	Internal Member (Academics)	
8.	<b>Mr. D. Srinivasa Murthy</b> Assistant Professor, Dept. of Civil Engineering, SVEC, Tirupati.	Internal Member (Academics)	
9.	<b>Mr. V. Mahesh</b> Assistant Professor, Dept. of Civil Engineering, SVEC, Tirupati.	Internal Member (Academics)	
10.	<b>Mr. B. Sudhakar</b> Assistant Professor, Dept. of Civil Engineering, SVEC, Tirupati.	Internal Member (Academics)	
11.	<b>Mr. D. V. Purushotham</b> Assistant Professor, Dept. of Civil Engineering, SVEC, Tirupati.	Internal Member (Academics)	
12.	<b>Mr. M. Gokulnath,</b> Assistant Professor, Dept. of Civil Engineering, SVEC, Tirupati.	Internal Member (Academics)	
13.	<b>Mrs. G. Gnana Prasanna,</b> Assistant Professor, Dept. of Civil Engineering, SVEC, Tirupati.	Internal Member (Academics)	
14.	<b>Mr. K. Sandeep Kumar,</b> Assistant Professor, Dept. of Civil Engineering, SVEC, Tirupati.	Internal Member (Academics)	



**1. Action Taken Report on "Minutes of BOS Meeting held on 26-05-2018":**

Chairman Dr. O. Eswara Reddy apprised the members the Minutes/Resolutions of BOS Meeting held on 26-05-2018.

<b>Minutes of BOS Meeting held on 26-05-2018</b>	<b>Action Taken</b>
Syllabi of II, III & IV B.Tech. Civil Engineering of SVEC16 Regulations were approved in the Board of Studies in Civil Engineering Meeting held on 25-03-2017.	Implemented for III B.Tech. Civil Engineering I & II Semesters from the academic year 2018-2019.
Panels of Question Paper Setters and Model Question Papers for III B.Tech. Civil Engineering (SVEC16 Regulations).	Panels and Model Question Papers were submitted to the Principal.
B.Tech. Academic Calendar for 2018-19	Implemented for I, II, III and IV B.Tech. for the academic year 2018-2019.
Administrative Setup of Curriculum Development for B.Tech. in Civil Engineering	Implemented from the academic year 2014-2015.
AICTE Model Curriculum-2018-Induction Training, Course Structure and Syllabi.	Considered for SVEC19 Regulations B.Tech. CE Curriculum Development.
Proposed B.Tech. Civil Engineering Course Structure for the next Regulations and the corresponding Suggestions.	Considered for SVEC19 Regulations B.Tech. CE Curriculum Development.

The above Action Taken Report is noted for record.

**2. Report on implementation of autonomy with respect to syllabi and regulations (SVEC16 Regulations: III B.Tech. CE I & II Semesters):**

Chairman-BOS presented a report on implementation of autonomy to the members. The board has congratulated the college authorities for successful implementation of SVEC16 regulations and syllabi for III B.Tech. CE I & II (**ANNEXURE-I**).

**3. Academic Calendar for the Year 2019-20:**

BOS Members approved the proposed academic calendar for II, III and IV B.Tech Programmes for the year 2019-20. (**ANNEXURE-II**).

**4. Vision and Mission of the Department, PEOs, POs & PSOs and Course Structure (All 4 years) of B. Tech. Program in Civil Engineering under SVEC-19 Curriculum:**

BOS Members approved the proposed Vision and Mission of the Department, PEOs, POs & PSOs and Course Structure (All 4 Years) of B.Tech. in Civil Engineering Program of SVEC19 Regulations (**ANNEXURE-III**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing B.Tech. Civil Engineering Course Structure in a best possible way. In addition the following suggestions are made for further improvement of the proposed B.Tech. Civil Engineering course structure.

1. In academic calendar, the number of instruction days can be mentioned instead of number of instruction weeks.
2. A clause on "Ranks/Prizes/Awards/Rewards/Incentives for students at institutional level" in the SVEC19 Regulations.
3. In PSO1, the words 'analyze' and 'materials' can be included at appropriate place.



4. In PSO3, the "irrigation structures; manage water resources" can be replaced with "maintain and manage water resources systems".
5. The title "Open Elective-2" can be changed to "Open Elective-1" to avoid confusion.
6. In IV B.Tech. I Semester, under Professional Elective-4, the title of the course on "Sustainable Construction Methods" can be changed to "Sustainable Construction Materials" or "Sustainable Construction Techniques" or "Sustainable Construction" or any other title appropriately avoiding the word "methods".
7. For Minor Degree, the courses Engineering Mechanics, Fluid Mechanics, Mechanics of Solids and Strength of Materials Lab can be replaced with Civil Engineering Materials and Concrete Technology; Construction, Planning and Project Management; Surveying; Environmental Engineering; Soil Mechanics Transportation Engineering and Surveying Lab.
8. For Honors Degree, the courses can be earmarked for each semester based on the prerequisite satisfaction and course codes can be allocated accordingly to avoid confusion in understanding and course registration.
9. For Honors Degree, the course on "Mini Project" can be replaced with some advanced application courses in Civil Engineering such as Software Applications in Civil Engineering, Modern Techniques in Modelling and Simulation, Advanced Numerical Methods in Civil Engineering, Soft Computing in Civil Engineering etc. since a course on "Project Work" is already exists in IV B.Tech. II Semester.
10. Outcomes of MoUs signed such as Internships, Placements, Visits and Guest Lectures etc. can be highlighted.
11. Social relevant projects can be taken up by the department and the reports generated can be submitted to the concerned local bodies and government departments for their use. The same can be covered in news papers.
12. Collaborations can be established with the local government institutions such as S.V. University, IIT-Tirupati, JNTU-Kalikiri to execute part of their consultancy/research projects.
13. Regular visits can be made to local government institutions for good interaction and collaboration in various aspects.
14. Paperfree BOS Meetings can be organized.

**5. Administrative set-up for B.Tech. Program in Civil Engineering:**

The BOS members were apprised the administrative set-up followed in curriculum development for B.Tech. Civil Engineering program since the academic year 2014-2015. Members appreciated the process.

**6. Syllabi with Course Objectives & Course Outcomes, Lesson Plans and Model Question Papers for Courses of I B.Tech. Civil Engineering (Under SVEC-19):**

BOS Members approved the proposed Syllabi with Course Objectives & Outcomes, Lesson Plans and Question Papers of civil engineering core courses of I B. Tech. Civil Engineering of SVEC19 Regulations (**ANNEXURE-IV**). Members have appreciated the efforts of Chairman and Internal Members of BOS and the Department in framing syllabi in a best possible way. Members were apprised of the Syllabi of other courses of I B.Tech. Civil Engineering.

**7. Panel of Examiners for Question Paper Setting for I B.Tech. Civil Engineering Courses (Under SVEC-19):**

Members were apprised of the Panel of Examiners for Question Paper Setting for core courses of I B.Tech. in Civil Engineering (SVEC19) (**ANNEXURE-V**). Resolved to authorize the Chairman, BOS in Civil Engineering to make changes if necessary in Panel of Examiners for Question Paper Setting for each core theory courses of I B.Tech. and furnish to the Chairman, Academic Council for further action within fifteen days after the commencement of the semester.



**8. Implementation of Teaching, Learning and Evaluation Process:**

Members were apprised of the workload distribution, time tables, teaching plan and schedules. The members have appreciated the good practices followed by the department in conducting diagnostic test, formative tests, remedial and reinforcement classes as well as offering of the necessary add-on courses **(ANNEXURE-VI)**.

For further improvement of student curriculum, it is suggested to concentrate more on reinforcement classes, student seminars, workshops, symposia and technical paper presentations.

**9. Substitute Subjects:**

Resolved to authorize the Chairman, BOS in Civil Engineering to finalize the substitute subjects as and when required and forward the same to the Chairman, Academic Council for further action.

**10. Research and Consultancy:**

Members were apprised of the Research Initiatives at the Departmental level. They suggested certain thrust areas in which research proposals may be sent to the funding agencies. **(ANNEXURE-VII)**.

**11. Faculty Development Activities:**

Members noted the list of publications and paper presentations by the members of the faculty. Also they were informed of the incentives given by the Management for their academic achievements **(ANNEXURE-VIII)**.

The faculty members are advised to publish only in reputed refereed journals having good impact factor.

Members were apprised of the faculty who had attended and organized the Faculty Development Programmes. Members suggested the thrust areas in which faculty are to be trained. Further, the Members taken note of Training Need Analysis for the academic year 2019-20. Resolved to authorize the Chairman, BOS in Civil Engineering to approve the TNA after updation by the head of the department as and when required.

Members noted the feedback mechanism followed by the Department for monitoring and improvement in teaching.

**12. Staff Development Activities:**

Members were apprised the staff development programmes attended by the non-teaching personnel to improve their productive outcome for the benefit of self and department. Further, they took note of the staff development programmes organized by the department and TNA for the academic year 2019-20 **(ANNEXURE-IX)**.

**13. Student Development Activities:**

Members were informed about equity action plan & remediation, guest/expert lectures, industrial/site visits organized by the Department for the benefit of students. **(ANNEXURE-X)**.

Members took note of the paper presentations by the students at National level Seminar/Symposia/Conferences etc. and in Mohana Mantra, a Student National Level Techno Cultural Fest Symposium conducted every year in the College.

Members were apprised the prizes, awards and recognitions achieved by the students both in co-curricular and extra-curricular activities. Members have expressed their satisfaction regarding the student development activities.

**14. Student Support Systems:**

Members took note of the counseling mechanisms followed for overall improvement of the students and also the Campus Placement Related Skills (CPRS) programme conducted for better performance in placement related activities. They were apprised of the details of placement, QEEE training and training on Entrepreneurship during the last one year (**ANNEXURE-XI**).

**15. Extension Activities:**

Members were informed about the students' active participation in various extension activities like NSS, blood donation camps, outreach activities, American Society of Civil Engineers Sree Vidyanikethan Engineering College (ASCE SVEC) Student Chapter activities, Indian Geotechnical Society Sree Vidyanikethan Engineering College (IGS SVEC) Student Chapter activities and Intellectual Association of Civil Engineers (IACE) activities setc. (**ANNEXURE-XII**).

Meeting concluded with thanks to the Members.



**Dr. O. Eswara Reddy**  
**Chairman**  
**Board of Studies in Civil Engineering**