

**SRM VALLIAMMAI ENGINEERING COLLEGE**  
(An Autonomous Institution)  
**FACULTY OF CIVIL ENGINEERING**

**Date: 20/01/2020**

Second Meeting of Board of Studies in Faculty of Civil Engineering has been scheduled on 25.01.2020 (Saturday) at 9.30 am in the Civil Seminar Hall of Civil Engineering Department.

**Agenda**

| Item No. | Particulars   |
|----------|---|
| CE 2.01  | To consider and ratify the rename in 2nd semester Engineering Practices Lab (Group-A) Civil Engineering Practices title carpentry using manual & power tools only renamed as "Carpentry Work" . |
| CE 2.02  | To discuss and approve the B.E. Degree Curriculum and Syllabi for III to VIII Semesters for the new 2019 Regulations in Autonomous for Civil Engineering Programme.                             |
| CE 2.03  | To discuss and approve the B.E. Degree Curriculum and Syllabi for III to VIII Semesters under new 2019 Regulations in Autonomous for Agriculture Engineering Programme.                         |
| CE 2.04  | To discuss and approve the M.E. Degree Curriculum and Syllabi for III & IV Semesters under new 2019 Regulations in Autonomous for Structural Engineering Programme.                             |
| CE 2.05  | To discuss and approve the Professional Elective and Open Elective offered by other department  |
| CE 2.06  | Any other points by the permission of Chair Person  |

CC to,

1. Chairman, Academic Council – for kind information.
2. All Members of Board of Studies in Civil Engg.



**CHAIRMAN**

**Faculty of Civil Engineering**



# SRM Valliammai Engineering College

(An Autonomous Institution)

Approved by AICTE & Affiliated to Anna University, Chennai.

'A' Grade Accreditation by NAAC, NBA Accredited, ISO 9001:2015 Certified

The second Board of Studies meeting of the Faculty of Civil Engineering was conducted on 25.01.2020 at 9.30 a.m. in the Civil Engineering Seminar hall, presided by the Chairman.

## Minutes

Chairman welcomed all BOS members and briefed the agenda to be discussed followed by introduction of all members present.

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| CE 2.01 | To consider and ratify the rename in 2nd semester Engineering Practices Lab (Group-A) Civil Engineering Practices title carpentry using manual & power tools only renamed as "Carpentry Work" |
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The BOS members approved the renaming of Ist year Engineering Practices Lab Group- A Civil Engineering as "Carpentry Work" and suggested to remove power tools in syllabus.

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| CE 2.02 | To discuss and approve the B.E. Degree Curriculum and Syllabi for III to VIII Semesters for the new 2019 Regulations in Autonomous for Civil Engineering Programme. |
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The BOS members suggested the following minor modifications in few subjects.

The BOS member **Mr. S. Janakumaran**, suggested in Third Semester, **Subject Code: 1903302 Subject Name: Fluid mechanics** contact hours of Unit **II** should be replaced by **12 hours** and for Unit **III** is reduced to **6 hours**.

The BOS member **Mr. S. Janakumaran**, suggested to include **Mix design** (Demonstration) in the last chapter in Third Semester, **Subject Code: 1903306 Subject Name: Construction Materials lab**.

The BOS member **Mr. S. Janakumaran**, suggested in Third Semester, **Subject Code: 1903307 Subject Name: Surveying Laboratory** 3<sup>rd</sup> Experiment Plane table traversing has to be included along with Compass Traversing.

The BOS member **Dr. V. Ramji**, suggested in Fourth semester, **Subject Code: 1903402 Subject Name: Applied Hydraulics Engineering**, "efficiency of turbines" topic should be added in fourth unit.

The BOS member **Dr. B. Palani**, suggested to remove the topics "**the pore pressure parameters -**

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**factors influencing shear strength"** in the fourth unit Fourth semester, **Subject Code: 1903403**  
**Subject Name: Soil Mechanics.**

**The BOS members Mr. S. Janakumaran, and Dr. V. Ramji,** suggested to include the topic "Safety measures" in Unit V Fourth semester, **Subject Code:1903404** **Subject Name: Construction Techniques and Practices.**

**The BOS member Dr. S. V. Srinivasan** suggested in sixth semester, **Subject Code: 1903604**  
**Subject Name: Water Supply and waste water Engineering,** the "rain water harvesting" topic to be replaced as "grey water harvesting" in Unit III and "Rain water harvesting" topic to be included in Unit-I and "Streeter Phelps model" topic to be removed in Unit V.

#### **PROFESSIONAL ELECTIVE SUBJECTS (Offered by Civil Engineering Department)**

**The BOS members Dr. S. Jayalakshmi, and Dr. V. Ramji,** suggested in **Elective I Semester IV,** The subject title of **Subject Code: 1903408** **Subject Name: "Geoinformatics applications for Civil Engineers"** is renamed as "Geomatics applications for Civil Engineers" and in syllabus Unit I has to be changed as introduction of Remote sensing and GIS, Unit II has to be made as Concepts of GIS and Unit III, Unit IV and Unit V should be applications of Geomatics in Civil Engineering.

**The BOS members Dr. S. Jayalakshmi, and Dr. V. Ramji,** suggested in **Elective I Semester IV,** **Subject Code: 1903407** **Subject Name: "Geographic information system"** subject should be renamed by "Remote sensing and Geographical information system".

**The BOS member Dr. S. V. Srinivasan** suggested in **Elective II Semester V,** **Subject Code: 1903510** **Subject Name: Municipal Solid Waste Management,** "Biomining" concepts should be included in Unit V.

#### **PROFESSIONAL ELECTIVE and OPEN ELECTIVE: (Offered by other Department)**

The following list of the subjects offered by other departments and passed by Civil Engineering Board.

| S.No | Course Code | Course Title                               | Semester | Category |
|------|-------------|--|----------|----------|
| 1    | 1901208     | Engineering Practices Laboratory           | II       | ES       |
| 2    | 1903612     | Disaster Management                        | VI       | PE       |
| 3    | 1903514     | Air Pollution and Control Engineering      | V        | OE-I     |
| 4    | 1903515     | Participatory Water Resources Management   | V        | OE-I     |
| 5    | 1903706     | Green Building Design                      | VII      | OE-II    |
| 6    | 1903716     | Environmental and Social Impact Assessment | VII      | OE-II    |

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The BOS members approved the above mentioned subjects.

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| CE 2.03 | To discuss and approve the B.E. Degree Curriculum and Syllabi for III to VIII Semesters under new 2019 Regulations in Autonomous for Agriculture Engineering Programme. |
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The Board of Studies reviewed and approved the B.E. Degree Curriculum and Syllabi for III to VIII Semesters under new 2019 Regulations in Autonomous for Agriculture Engineering Programme and suggested the following modifications.

**The BOS members Dr. S. Jayalakshmi, and Dr. V. Ramji, suggested in semester VII, 1902702 "Remote Sensing and Geographical Information System" title is changed as "Remote Sensing and Geo-graphical information system for Agriculture Engineers" In semester VII, 192712 "Design and Drawing of Farm and Irrigation Structures" is changed as " Design, Drawing of Farm and Irrigation Structures "**

### IN OPEN ELECTIVE & PROFESSIONAL ELECTIVE SUBJECTS

**The BOS members Dr. S. Jayalakshmi, and Dr. V. Ramji, suggested to remove in Elective I semester V, Subject Code: 1902512 Subject Name: Environmental and agriculture, Subject Code: 1902513 Subject Name: Production Technology of Agriculture Machinery, and Subject Code: 1902514 Subject Name: climate change and its impact.**

The BOS members approved all other subjects in the respective semesters for both Civil and Agriculture Engineering.

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| CE 2.04 | To discuss and approve the M.E. Degree Curriculum and Syllabi for III & IV Semesters under new 2019 Regulations in Autonomous for Structural Engineering Programme. |
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The Board of Studies reviewed and approved the M.E. Degree Curriculum and Syllabi for III & IV Semesters under new 2019 Regulations in Autonomous for Structural Engineering Programme and suggested to change the III semester Practical Training II subject code 1917310 as 1917313.

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| CE 2.05 | To discuss and approve the Professional Elective offered by M. E. Industrial Safety Engineering |
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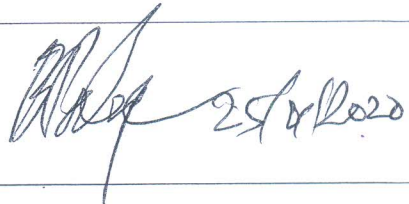


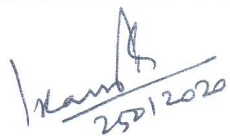



The Board of Studies reviewed and approved Professional Elective IV, III Semester M. E. Industrial Safety Engineering Subject code 1917310 Subject Name: Disaster Management.

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| CE 2.06 | To discuss and approve project report preparation as per existing Anna University format. |
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The BOS members approved the Project report preparation as per existing Anna University format.

The Chairman summarized the various decisions taken by the Board of Studies and Ms. N. Sinduja, Assistant Professor, Agriculture Engineering thanked all the members for their active participation and valuable suggestions on various points discussed in the meeting.

The meeting came to close at 4.00pm.

| SNo. | Name & Designation  | Signature   |
|------|---|---|
| 1.   | <b>Dr. S. Jayalakshmi</b><br>Associate Professor<br>Institute of Remote sensing<br>Department Civil Engineering<br>Anna University, Chennai     | <br>25/11/2020   |
| 2.   | <b>Dr. B. Palani</b><br>Professor<br>Structural Engineering Division<br>Annamalai University Chidambaram  | <br>25/11/2020    |
| 3.   | <b>Dr. S. V. Srinivasan</b><br>Principal Scientist<br>Environmental Technology<br>CSIR-Central Leather Research Institute, Adyar,<br>Chennai-20 | <br>25/11/2020    |
| 4.   | <b>Mr. S. Janakumaran</b><br>Assistant Divisional Engineer<br>Highways Department<br>Govt. of Tamil Nadu, Chennai                               |                  |
| 5.   | <b>Dr. V. Ramji</b><br>Assistant Professor(Sr.Gr)<br>Center for Water Resources<br>Anna University<br>Chennai 600 025                           | <br>25/11/2020  |
| 6.   | <b>Mr. P. Muthukumar</b><br>Consultant Engineer, AFFORD Infrastructure<br>Perambalur-621212.  | <br>25/11/2020  |
| 7.   | <b>Dr. A. Leema Rose</b><br>Associate Professor   | <br>25/11/2020  |
| 8.   | <b>Ms. S. MohanaSundari</b><br>Assistant Professor (S.G)  | <br>25/11/2020 |

Dr. D. ELANGO

CHAIRMAN

FACULTY OF CIVIL ENGINEERING