



Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University Estd. u/s 3 of UGC Act 1956, Category A by MHRD)
Re-accredited with A++ Grade by NAAC. CGPA 3.65/4, Category I by UGC
Coimbatore - 641 043, Tamil Nadu, India

**Minutes of Board of Studies in Department of Civil Engineering held on
04.07.2022 at 10.00 A.M**

Members List:

Internal Members:

Dr.R.Nithya, Associate Professor & Head - **Chairperson**
Department of Civil Engineering,
School of Engineering.

Dr.N.Srimathi, Associate Professor - **Member**
Department of Civil Engineering,
School of Engineering.

Mrs.M.Ramya Devi - **Member**
Assistant Professor,
Department of Civil Engineering,
School of Engineering.

Mrs.G.Aswini, - **Member**
Assistant Professor,
Department of Civil Engineering,
School of Engineering.

External Members:

Dr.P.Thamarai, Principal - **Academician**
Government College Technology,
Coimbatore

Er.K.P.Vetriselvan, - **Industrial Expert**
Managing Director
Geo Design, India Private Limited,
Coimbatore.

Invited Members:

Dr.S.Shanthi
Assistant Professor,
Department of Civil Engineering,
School of Engineering.

Invited Member (Student Representative)

Rahmaan Beevi M S 19087UEV03,
IV B.E Civil Engineering

Invited member (Alumni Representative)

Tamilselvi A 18161UEV08
Alumni of 2018-2021 batch

Discussions of the Meeting (pertinent to the agenda)

1.a)	Inclusion of CO-PO mapping and matrix for 3rd and 4th semester, applicable for Postgraduate students admitted from 2021-2022 & onwards. Not Applicable
b)	Inclusion of CO-PO mapping and matrix for 3 rd to 6 th semester, applicable for Undergraduate students admitted from 2021-2022 & onwards. Discussion: CO-PO mapping and matrix for B.E. Civil Engineering with Computer Application students admitted from 2021-2022 & onwards have already been implemented.
2.	Passing the syllabi of Specialisation papers applicable for Ph.D. scholars admitted during January, 2022. Discussion: The syllabi of specialization papers 21PHCVE3A Advanced Environmental Engineering for Full Time Scholar and 21PHCVE3B Structural Mechanics of Composite Materials for Part Time Scholar are framed for the Ph.D scholars admitted during January 2022 and are enclosed in Annexure I .
3.	List of Subject experts for BoS External experts , Screening & Selection Committee, for Practical Examination, Question Paper Setting and Paper Valuation . Discussion: New BoS External experts , Screening, Selection committee members and experts for Practical Examination, Question Paper Setting and Paper Valuation were included. Designation and address changes were incorporated. Revised list of Subject experts for BoS External experts, Screening & Selection Committee, for Practical Examination, Question Paper Setting and Paper Valuation are enclosed as Annexure II .
4.	Implementation of National Education Policy 2020 - Development of Curriculum Framework for specific Undergraduate programmes to provide access for Implementation of Academic Bank of Credits (ABC) and Credit Transfer. Discussion: Experts recommended the implementation of ABC and credit transfer after AICTE incorporates it with NEP 2020 under Model Curriculum of UG programmes in Engineering.
5.a)	Any other Adoption of dual programme Discussion: The External Experts suggested incorporation of Online or offline Diploma/ Skill Development Programmes/ Certificate Programmes subsequent to NEP implementation by AICTE or based on any regulatory body guidelines.

b)	<p>Change of nomenclature (if any)</p> <p>Discussion: AICTE's guidelines align with the existing nomenclature of UG programme as discussed with experts.</p>
c)	<p>Admission Eligibility for 2022-2023</p> <p>Discussion: Admission eligibility for 2022-2023 & onwards followed as per AICTE Approval Process Handbook 2022-2023, 1.3 (a) Undergraduate Engineering Entry Level qualification 10+2 level; pages 89 & 90; Sr.No.7. Civil Engineering.</p>
d)	<p>Credit transfer for Professional Electives (UG) & Program Elective (PG) through MOOC Modifications in the Scheme of Instruction and Examination for students admitted in 2021-2022 & onwards to offer MOOCs through SWAYAM - NPTEL for all B.E. degree programmes.</p> <p>Discussion:</p> <p>i) Credit transfer in UG Programme B.E. Civil Engineering with Computer Application</p> <ul style="list-style-type: none"> ➤ The experts recommended a maximum of two MOOCs as an alternative to two Professional Electives, through SWAYAM - NPTEL with 3 credits each for B.E Civil Engineering with Computer Application. ➤ Two MOOCs to be completed before the end of 7th Semester (during 3/4/5/6/7 semesters) as a means of credit transfer to Professional Electives-Elective V and Elective VI in seventh semester, with 3 credits of 12 weeks duration each. <p>ii) Additional non-credit transfer MOOC</p> <ul style="list-style-type: none"> ➤ Experts recommended, one core or non-core MOOC (8 weeks duration) in addition to 165 credits SWAYAM-NPTEL to be completed before the end of 7th semester with 2 credits for B.E Civil Engineering with Computer Application. It will appear in the eighth semester mark sheet. <p>The corrected Scheme of Instruction and Examination for B.E. Civil Engineering with Computer Application students admitted in 2021-2022 & onwards is enclosed as Annexure III.</p>
e)	<p>Credits for MOOC</p> <ul style="list-style-type: none"> • The experts recommended implementation of credits for MOOC as per NPTEL guidelines. 1 credit for MOOCs of 4 weeks duration, 2 credits for MOOCs of 8 weeks duration and 3 credits for MOOC courses of 12 weeks duration
f)	<p>Evaluation of MOOC for B.E. students admitted in 2021-2022 & onwards</p> <p>Discussion:</p> <p>Evaluation of MOOC for B.E.(Professional Electives)</p> <ul style="list-style-type: none"> • A student of B.E. Civil Engineering with Computer Application has to score a minimum of 50% marks in NPTEL Examination; as per Institute norms, even though NPTEL declares 40% as the minimum pass. If she fails to score 50% marks and does not complete the course till VII semester or if the results are not announced by NPTEL before the completion of Comprehensive Examination of the Institute, the student may be permitted to appear for in-house Comprehensive Examination conducted by the Institute at the end of VII semester for the course title already enrolled in NPTEL. In case of failure in the in-house examination, she may be permitted to appear for in-house arrear examination. <p>Additional MOOC</p> <ul style="list-style-type: none"> • If a student does not complete the NPTEL certification for the course enrolled till VII semester to earn the credits required for additional MOOC, in-house examination will be conducted in VII semester for B.E. programme.

Members Present:

Signature

Chairperson

Dr.R.Nithya, Associate Professor & Head
Department of Civil Engineering,
School of Engineering.

R.Nithya
4/7/2022

External Members

Dr.P.Thamarai, Principal
Government College Technology,
Coimbatore

Absent

Er.K.P.Vetriselvan,
Managing Director
Geo Design, India Private Limited,
Coimbatore.

Absent

Internal Members

Dr.N.Srimathi, Associate Professor
Department of Civil Engineering,
School of Engineering.

N.Srimathi
4/7/2022

Mrs.M.Ramya Devi
Assistant Professor,
Department of Civil Engineering,
School of Engineering.

M.Ramya Devi
4/7/2022

Mrs.G.Aswini,
Assistant Professor,
Department of Civil Engineering,
School of Engineering

G.Aswini
4/7/2022

Invited Members (Staff)

Dr.S.Shanthi
Assistant Professor,
Department of Civil Engineering,
School of Engineering.

S.Shanthi
4/7/2022

Invited Member (Student Representative)

Rahmaan Beevi M S 19087UEV03,
III B.E Civil Engineering

Rahmaan Beevi
4/7/2022

Invited member (Alumni Representative)

Tamilselvi A 18161UEV08
Alumni of 2018-2021 batch

Tamilselvi A

1. Revision of Courses in already existing Programme (if any)***a. Revision of courses without title change (2020-2021)***

Course code	Course title	Semester	Credits	Percentage of revision
-	-	-	-	-

b. Introduction of courses/Revision of Courses with title change (2021-2022)

Course code	Course title	Semester	Credits	Type (Specify- New/Title change)	Percentage of revision (if new indicate as new)

2. New Programme (if any) introduced- Nil**3. Part IV Component of UG/ Part II Component of PG (if any): Nil*****a. Revision of courses in Part IV Component of UG/ Part II Component of PG without title change***

Course code	Course title	Semester	Credits	Percentage of revision
-	-	-	-	-

b. Introduction of courses/Revision of Courses in Part IV Component of UG/ Part II Component of PG with title change

Course coded	Course title	Semester	Credits	Type (Specify- New/Title change)	Percentage of revision (if new indicate as new)
-	-	-	-	-	-

4. Deletion or removal of courses to be specified in detail (if any)

- 21BEVE08 – Repair and Rehabilitation of Structures, 21BEVE09 –Computer Aided Design of Structures, 21BEVE11- Tall Buildings and 21BEVE16 Instrumentation and Sensor Technologies for Civil Engineering Applications specified under Professional Elective 1 - in the sixth semester and seventh semester of B.E Civil Engineering with Computer Application have been removed to incorporate MOOC.
- 21BEVE26 Air Pollution Management, 21BEVE27 Municipal Solid Waste Management, 21BEVE29 Water Resources Systems Analysis, 21BEVE32 Pavement Engineering, 21BEVE36 Construction Planning and Scheduling, 21BEVE37 Infrastructure for SMART City Planning, 21BEVE38 Urban Geoinformatics, 21BEVE39 Geology and Geoinformatics, 21BEVE40 Earthquake Geotechnical Engineering,

21BEVE42 Computer Application in Construction Management and 21BEVE43 3D Printing and Design specified under Professional Elective 2 in the sixth semester and seventh semester of B.E Civil Engineering with Computer Application have been removed to incorporate MOOC.

5. MOOCs for UG Programmes

The following courses are replaced by MOOCs offered by SWAYAM NPTEL through credit transfer. This is applicable for B.E. Civil Engineering with Computer Application students admitted in the academic year 2021-2022 and onwards:

Course Code	Course Title	Programme Elective (PE1/PE2)	Semester	Credits	Replaced by
21BEVE08	Repair and Rehabilitation of Structures	Elective II and Elective III (PE1)	VI	3	21BEVE13 MOOC (12 Weeks course in SWAYAM NPTEL)
21BEVE09	Computer Aided Design of Structures	Elective IV, Elective V and Elective VI (PE1)	VII	3	
21BEVE11	Tall Buildings		VII	3	
21BEVE16	Instrumentation and Sensor Technologies for Civil Engineering Applications		VII	3	
21BEVE26	Air Pollution Management	Elective II and Elective III (PE2)	VI	3	21BEVE33 MOOC (12 Weeks course in SWAYAM NPTEL)
21BEVE27	Municipal Solid Waste Management		VI	3	
21BEVE29	Water Resources Systems Analysis		VI	3	
21BEVE32	Pavement Engineering	Elective IV, Elective V and Elective VI (PE2)	VII	3	21BEVE34 MOOC (12 Weeks course in SWAYAM NPTEL)
21BEVE36	Construction Planning and Scheduling		VII	3	
21BEVE37	Infrastructure for SMART City Planning		VII	3	
21BEVE38	Urban Geoinformatics		VII	3	
21BEVE39	Geology and Geoinformatics		VII	3	
21BEVE40	Earthquake Geotechnical Engineering		VII	3	
21BEVE42	Computer Application		VII	3	

	in Construction Management				
21BEVE43	3D Printing and Design		VII	3	

One course from core or non-core MOOC offered by SWAYAM NPTEL is mandated for the B.E. Civil Engineering with Computer Application students admitted in the academic year 2021-2022 and onwards through non-credit transfer:

Course Code	Course Title	Semester	Credits	Type
21BEVMC1	“Title of the NPTEL course completed by the student”	III-VII	2	MOOC (8 Weeks course in SWAYAM NPTEL)



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**Minutes of Board of Studies in Department of Civil Engineering held on
28.11.2022 at 10.00 A.M**

Members List:

Internal Members:

Dr.R.Nithya, Associate Professor & Head Department of Civil Engineering, School of Engineering.	-	Chairperson
Dr.N.Srimathi, Associate Professor Department of Civil Engineering, School of Engineering.	-	Member
Mrs.M.Ramya Devi Assistant Professor, Department of Civil Engineering, School of Engineering.	-	Member
Mrs.G.Aswini, Assistant Professor, Department of Civil Engineering, School of Engineering.	-	Member

External Members:

Dr.P.Thamarai, Principal Government College of Technology, Coimbatore	-	Academician
Er.K.P.Vetriselvan, Managing Director Geo Design, India Private Limited, Coimbatore.	-	Industrial Expert

Invited Members:

Dr.S.Shanthi Assistant Professor, Department of Civil Engineering, School of Engineering.		Staff Representative
Rahmaan Beevi M S 19087UEV03, IV B.E Civil Engineering		Student Representative
Tamilselvi A 18161UEV08 Alumni of 2018-2021 batch		Alumni Representative

Discussions of the Meeting (pertinent to the agenda)

1. a) Implementation of Learning Outcomes based Curriculum Framework (LOCF) for specific Undergraduate programmes applicable for students admitted from the academic year 2023 - 2024 & onwards.

Not Applicable

b) Passing the syllabi with the inclusion of CO-PO mapping and matrix for 1st and 2nd semester, applicable for Undergraduate students admitted from the academic year 2023 - 2024 & onwards.

Not Applicable

2. Fixing the NSQF level description for B.Voc. Programmes.

Not Applicable

3. a) Inclusion of CO-PO mapping and matrix for 3rd and 4th semester, applicable for School of Allied and Healthcare Sciences – Postgraduate students admitted from 2022 - 2023 & onwards.

Not Applicable

b) Inclusion of CO-PO mapping and matrix for 3rd to 8th semester, applicable for School of Allied and Healthcare Sciences – Undergraduate students admitted from 2022 - 2023 & onwards.

Not Applicable

4. Passing the syllabi of Specialisation papers applicable for Ph.D. scholars admitted during July, 2022.

Not Applicable

5. Updated list of Subject experts (Academician and Industrial Experts) for Boards of Studies.

Discussion:

New BoS External Experts were included. Designation and address changes were incorporated. The revised list is enclosed as **Annexure I**.

6. Any other

a) Identify appropriate industry / institutional / Professional organization suitable for your major to offer Professional Certification Courses and sign an MoU mentioning the terms and conditions.

Not Applicable

b) The board resolved to recommend the adoption of the guidelines for engaging **Professor of Practice** in this Institute based on the UGC letter **D.O.No.f.9-1/2010 (PS/Misc) PT-I dated 14th November, 2022**.

Discussion: The board recommended to adopt **Professor of Practice** as per UGC notification in the Department of Civil Engineering.

c) The board resolved to recommend the adoption of the guidelines for Curriculum Framework and Credit System for **Four years Undergraduate programmes** from 2023 – 2024, onwards based on the UGC letter F.No.1-1/2021 (CBCS/QIP) dated 17.03.2022.

Not Applicable

d) Discussion on increasing in intake / reduction in intake / change in nomenclature for various B.E. Programmes.

Not Applicable

e) Discussion on offering add-on diploma course by Department of Civil Engineering and Department of Printing Technology

Discussion:

The Expert suggested to start an add-on Diploma Course in the title **Architectural Drafting and Finance Management** under the Department of Civil Engineering, as the course would provide more job opportunities irrespective of the Department.

Members Present:

Chairperson

Dr.R.Nithya, Associate Professor & Head
Department of Civil Engineering,
School of Engineering.

Signature

Dr. R. Nithya
28/11/2022

External Members

Dr.P.Thamarai, Principal
Government College of Technology,
Coimbatore.

Absent

Er.K.P.Vetriselvan,
Managing Director
Geo Design, India Private Limited,
Coimbatore.

Absent

Internal Members

Dr.N.Srimathi, Associate Professor
Department of Civil Engineering,
School of Engineering.

N. Srimathi
28/11/22

Mrs.M.Ramya Devi
Assistant Professor,
Department of Civil Engineering,
School of Engineering.

M. Ramya Devi
28/11/2022

Mrs.G.Aswini,
Assistant Professor,
Department of Civil Engineering,
School of Engineering

On Maternity Leave

Invited Members (Staff)

Dr.S.Shanthi
Assistant Professor,
Department of Civil Engineering,
School of Engineering.

Dr. S. Shanthy

Invited Member (Student Representative)

Rahmaan Beevi M S 19087UEV03,
III B.E Civil Engineering

-

ASR
28/11/22

Invited member (Alumni Representative)

Tamilselvi A 18161UEV08
Alumni of 2018-2021 batch

-

Tamil Selvi A

1. Revision of Courses in already existing Programme (if any): Nil***a. Revision of courses without title change (2020-2021)***

Course code	Course title	Semester	Credits	Percentage of revision
-	-	-	-	-

b. Introduction of courses/Revision of Courses with title change (2021-2022)

Course code	Course title	Semester	Credits	Type (Specify- New/Title change)	Percentage of revision (if new indicate as new)

2. New Programme (if any) introduced- Nil**3. Part IV Component of UG/ Part II Component of PG (if any): Nil*****a. Revision of courses in Part IV Component of UG/ Part II Component of PG without title change***

Course code	Course title	Semester	Credits	Percentage of revision
-	-	-	-	-

b. Introduction of courses/Revision of Courses in Part IV Component of UG/ Part II Component of PG with title change

Course coded	Course title	Semester	Credits	Type (Specify- New/Title change)	Percentage of revision (if new indicate as new)
-	-	-	-	-	-

4. Deletion or removal of courses to be specified in detail (if any)

Nil



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**Minutes of Board of Studies in Department of Civil Engineering held on
26.04.2023 at 10.00 A.M**

Members List:

Internal Members:

Dr.R.Nithya, Associate Professor & Head, - **Chairperson**
Department of Civil Engineering,
School of Engineering.

Dr.S.Shanthi, Assistant Professor, **Member**
Department of Civil Engineering,
School of Engineering.

Dr.N.Srimathi, Associate Professor, - **Member**
Department of Civil Engineering,
School of Engineering.

Mrs.M.Ramya Devi ,Assistant Professor, - **Member**
Department of Civil Engineering,
School of Engineering.

External Members:

Dr. S. T. Ramesh , Professor, - **Academician**
Department of Civil Engineering,
National Institute of Technology,
Tiruchirappalli.

Er.S.Arunkumar, - **Industrial Expert**
Managing Director,
Metis Structures, Coimbatore.

Rahmaan Beevi M S 19087UEV03 **Student Representative**
IV B.E Civil Engineering.

Tamilselvi A 18161UEV08 **Alumni Representative**
Alumni of 2018-2021 Batch.

Discussions of the Meeting (pertinent to the agenda)

Agenda for Boards of Studies to be held on 26.04.2023 at 9.30 a.m.

1. a) Implementation of **Learning Outcomes based Curriculum Framework (LOCF)** for Undergraduate programmes applicable for students admitted from the academic year 2023 - 2024 & onwards.

Not Applicable

- b) Passing the syllabi with the inclusion of **CO-PO mapping** and matrix for 1st to 4th semester, applicable for **Undergraduate students** admitted from the academic year 2023 - 2024 & onwards.

Discussion:

CO-PO mapping for B.E. Civil Engineering with Computer Application students admitted from 2021-2022 onwards has already been implemented.

2. Revision in the Subject codes & Syllabi (if needed) for B.Sc. Special Education and Mathematics and all B.Voc. programmes applicable for students admitted from the academic year 2023 - 2024 & onwards.

Not Applicable

3. Revision in the syllabi with change in the subject code for **Postgraduate programmes** applicable for students admitted from the academic year 2023 - 2024 & onwards.

Not Applicable

4. a) Revision in the Scheme & syllabi of Ph.D. programmes applicable for scholars admitted from January, 2023 & onwards.

Discussion:

Ph.D Scheme of Instruction and Examination has been revised for the Ph.D scholars admitted during February, 2023 in the Department of Civil Engineering and is given in Annexure I.

- b) Passing the syllabi of **Specialisation papers** applicable for **Ph.D. scholars** admitted during **February, 2023.**

Discussion:

Experts recommended the Specialization paper as 23PHCVE3 Health Monitoring and Rehabilitation of Structures for the Part Time Ph.D scholar admitted during February, 2023 in the Department of Civil Engineering.

Experts suggested the following for the Ph.D Programme

- The Department can provide the list of recent technically relevant courses with respect to PG Specialization for the Advance Paper. Scholars also can take courses from NPTEL platform
- Completing the additional credit components for the scholars admitted during February, 2023 is quite difficult.
- Credits should not be given for Thesis in Ph.D Scheme. If it is essential, the weightage of credits is to be increased and is to be evaluated with GCPA.

5. Adoption of Four year Undergraduate programmes and Dual Programmes in the Institution from 2023-2024 & onwards.

Not Applicable

6. Any other

Introduction of B.Voc Programme :

Experts Recommended to start B.Voc Programme in **Architectural Drafting and Basic 3D Design** in the Department of Civil Engineering and framed Programme Outcomes (POs), Programme Specific Outcomes (PSOs), Scheme of Instructions & Examination and Syllabus for first year from the academic year 2023-2024 after the approval of AICTE.

Members Present:

Signature

Chairperson

Dr.R.Nithya

Associate Professor & Head
Department of Civil Engineering
School of Engineering.

Nithya
26/4/2023

External Members

Dr. S. T. Ramesh

Professor
Department of Civil Engineering
National Institute of Technology
Tiruchirappalli.

S.T. Ramesh
26.04.2023

Er.S.Arunkumar

Managing Director
Metis Structures
Coimbatore.

Er. S. Arunkumar
26/4/2023

Internal Members

Dr.S.Shanthi

Assistant Professor
Department of Civil Engineering
School of Engineering.

S. Shanthi
26/4/23

Dr.N.Srimathi

Associate Professor
Department of Civil Engineering
School of Engineering.

N. Srimathi
26/4/2023

Ms.M.Ramyadevi

Assistant Professor
Department of Civil Engineering
School of Engineering.

M. Ramyadevi
26/4/2023

Invited Member (Student Representative)

Rahmaan Beevi M S 19087UEV03, -
 III B.E Civil Engineering


Invited member (Alumni Representative)

Tamilselvi A 18161UEV08 -
 Alumni of 2018-2021 batch


1.Revision of Courses in already existing Programme (if any) -Nil**a. Revision of courses without title change (2023-2024)**

Course code	Course title	Semester	Credits	Percentage of revision
-	-	-	-	-

b. Introduction of courses/Revision of Courses with title change (2023-2024)

Course code	Course title	Semester	Credits	Type (Specify- New/Title change)	Percentage of revision (if new indicate as new)
23PHCVE2	Advances in Civil Engineering	NA	3+2**	new	100

2. New Programme (if any) introduced- Yes**3. Part IV Component of UG/ Part II Component of PG (if any): Nil****a. Revision of courses in Part IV Component of UG/ Part II Component of PG without title change**

Course code	Course title	Semester	Credits	Percentage of revision
-	-	-	-	-

b. Introduction of courses/Revision of Courses in Part IV Component of UG/ Part II Component of PG with title change

Course coded	Course title	Semester	Credits	Type (Specify- New/Title change)	Percentage of revision (if new indicate as new)
-	-	-	-	-	-

4. Deletion or removal of courses to be specified in detail (if any)