



**E.G.S. PILLAY ENGINEERING COLLEGE**  
(An Autonomous Institution, Affiliated to Anna University, Chennai)  
Nagore Post, Nagapattinam – 611 002, Tamilnadu.



**Minutes of Board of Studies(BoS) Meeting**

Name of the Department	Civil Engineering
Name of the Programmes	B.E. Civil Engineering M.E. Environmental Engineering
Meeting No.	01
Date & Time	07.07.2017 & 10.00 A.M.
Venue	CIVIL A/C Seminar Hall

- Chairman / BoS welcomed all members for the 1<sup>st</sup> meeting of Board of Studies.
- Chairman / BoS introduced the members.
- Chairman / BoS briefed the members about the Agenda.
  - To finalize the curriculum and syllabi of first and second semester B.E CIVIL Programmes and 1<sup>st</sup> to 4<sup>th</sup> Semesters M.E. ENVIRONMENTAL ENGINEERING Programmes.
  - To finalize the curriculum of 3<sup>rd</sup> – 8<sup>th</sup> Semester B.E CIVIL.
  - To discuss the question paper pattern for UG/PG Programme and Evaluation methodologies.
  - Any other matters.
- The following are the suggestions given by the member of Board of Studies.

\* Industry member → Discussed about the Green chemistry.

\* Anutchalvan sir said that anything related to environment. It's green chemistry.

\* He also asked to change the nomenclature. university nominee C. Sridhar, ) said its overall about the Applied chemistry.

Chairman (BoS)

University Nominee

Subject Expert 07/07/17

Subject Expert

Industry Expert

Alumni 7/7/17

Senior Faculty

Senior Faculty

Senior Faculty

(Sridhar, CIT) xam

2) → Technical English (discussed about)

Those who excel in tech. English

Business English (2nd level) → French, German

They can get extra credit.

3) TOEFL → Arutchelvan sir said to include the topic related to toefl exam. Those who are poor, to give extra coaching.

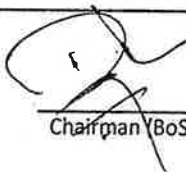
4.) Fundamentals of Mechanics:

They feel basic mechanics is too much for civil students. CIE's related to mech). said Pandurangan. (PEC).

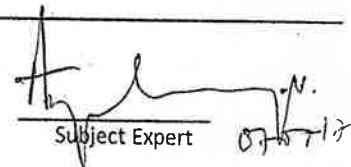
Arutchelvan sir compared the syllabus with their university syllabus.

5) Physics subject has only 3 lecture hours, He feels, It's not sufficient.

6) C. Rajaraman industry member: He said, every candidate are very weak in drawing. so he asked to include more importance. for drawing. Sridhar sir said that no students

  
Chairman (BoS)


  
University Nominee

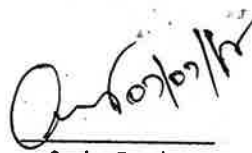
  
Subject Expert

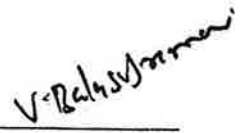
  
Subject Expert

  
Industry Expert

  
Alumni

  
Senior Faculty

  
Senior Faculty

  
Senior Faculty

7) He said that pc, mobile are useless now a days. They should communicate with their drawings only. So they we must give proper attention to engg. drawings.

And also he asked about the purpose of C programming.

How it is linked to civil engineering.

He asked about the connectivity between 'C' & civil engineering.

8) Anutchelvan sir they he related the 'C' program to Irrigation design.

ISB computer application Lab.

C programming

Auto cad.

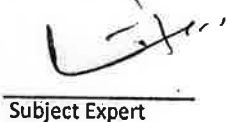
9) IAM → They should know about the smart city electronics.

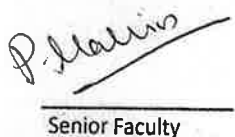
No civil engineers are known about smart city.

He asked to include that.

10) Ragunathan:  
For the Job opp. they have to learn additional lang.  
CIVIL → urdu, Arabi.  
French, German → Mech.

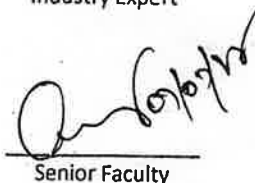
  
Chairman (BOS)

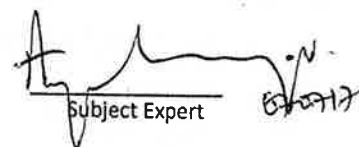
  
Subject Expert

  
Senior Faculty

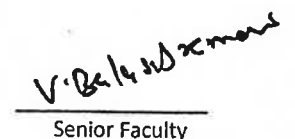
  
University Nominee

  
Industry Expert

  
Senior Faculty

  
Subject Expert

  
Alumni

  
Senior Faculty

\* He appreciates the electronics and communication system. (CIM).

(A.S) communication english - II changes to communication lab. like skill developing.

\* He discussed about material science Environmental science. syllabus should follows as per the U.G.C norms.

finally. they have given the strong point.

\* Engineering drawing must. Every drafty should be in practical.

1st Graphics  
2nd.  
3rd. Eng. drafty.

\* MOS, MOF, (Name change).

Engg. surveying → Surveying.

Rock. Mech → geology. (3rd sem).

Geo. tech - I - soil mech

Geo tech - II → Foundation Engg.

\* Environmental engg, professional ethics are compulsory.

Ethics (4th sem). Include.

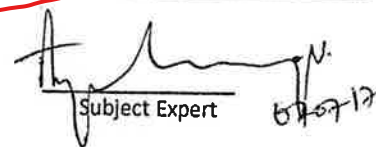
3rd sem Eng. drawing.

Manual → autocad

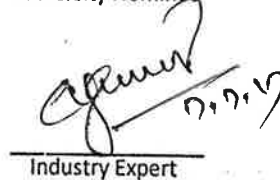
In. 3rd sem → Tech. seminar is not required.  
4th sem (CIM, Rapurem)

  
Chairman (BOS)

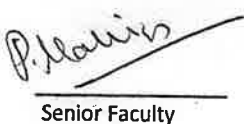
  
University Nominee

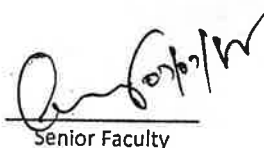
  
Subject Expert 6/6/17

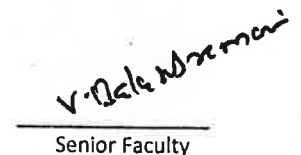
  
Subject Expert

  
Industry Expert

  
Alumni 7/7/17

  
Senior Faculty

  
Senior Faculty

  
Senior Faculty

→ They have pointed as, syllabus have more theory.  
they asked to include more practical way.

3rd sem → construction material.  
construction management.

MOS, MOF, Engg. geology, survey-I, 2 - practical.

4th sem → hydraulics -II → hydraulics Machinery.

Geo tech 3rd sem to 5th sem

\* Specify the name for mini project. (Ragunam).

I.M → He appreciates elective-II grouping.  
for the Elective-I.

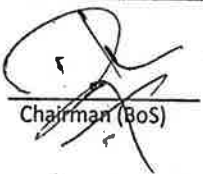
\* He explained. Job section,  
like CM, quality, Infrastructure. so the elective  
topics should include in core.

\* Instead we can include Engg. economics. (Sridhar).

IM → He asked to include logistics. as elective

Members are discussed about Elective choosen system.  
open electives.  
compulsory elective.

\* We can include. CCTV, civil engineering oriented, Sensors,  
IASSC. (Smart city electronics)

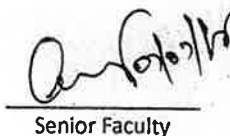
  
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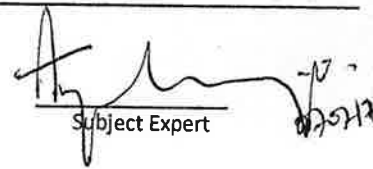
  
Subject Expert

  
Senior Faculty

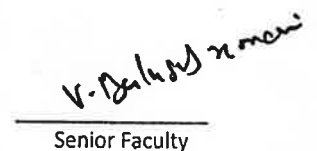
  
University Nominee

  
Industry Expert

  
Senior Faculty

  
Subject Expert

  
Alumni 7/7/17

  
Senior Faculty



\* discussed about the prefabricated structures.

7th - prefabricated.

8th - logistics.

\* For all the sem: 6 subjects.  
2 practical.

\* For the environment Engg. (M.E).

He asked about the opportunity  
scope, demand

\* Ist -> EN1704 - Principles and design of

Raguram sir asked about the eligibility to join  
M.E Environ.

(A.S) -> ~~said to remove the business analysis.~~  
Instead add some useful subject.

EN1702 - Principle & biological treatment systems.

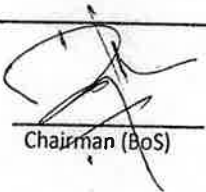
Board members suggested to.  
\* Remove research methodology. (use as a credit  
less subject)

Instead use some core subject @) ~~biology~~.

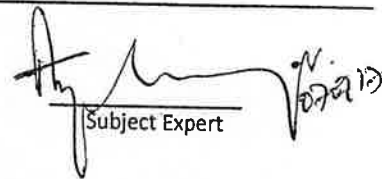
\* Research Methodology use as a elective subject.  
for Ph.D purpose.

Environmental legislation include as a elective

statistics -> subject should teach by a Environ faculty.

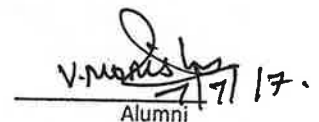
  
Chairman (BoS)

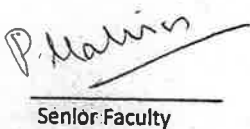
  
University Nominee

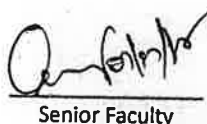
  
Subject Expert

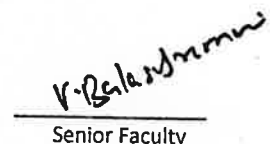
  
Subject Expert

  
Industry Expert

  
Alumni

  
Senior Faculty

  
Senior Faculty

  
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Minutes of Board of Studies (BoS) Meeting

Name of the Department	Civil Engineering.
Names of the Programmes	B.E. Civil Engineering. M.E. Environmental Engineering.
Meeting No	02
Date & Time	21.04.2018 & 09.30 A.M.
Venue	CIVIL A/c Seminar Hall

The names of members present in the Board of Studies is given in Annexure – I

1. Chairman / BoS welcomed all members for the 2<sup>nd</sup> meeting of Board of Studies.
2. Chairman / BoS briefed the members about the Agenda.
  - Discussion and action taken about previous BoS Meeting.
  - To finalize the syllabi of B.E CIVIL Programme from third to eighth semester and M.E Environmental Engineering Programme from third to fourth semester.
  - Any other matters.
3. The following are the suggestions given by the member of Board of Studies.
  - The Board of Studies members have gone through the curriculum and syllabi of 3<sup>rd</sup> – 8<sup>th</sup> semester B.E CIVIL and 3<sup>rd</sup> to 4<sup>th</sup> semester M.E Environmental Engineering Programmes.

Under Graduate      **B.E Civil Engineering**

Third Semester:

Mr.J.Raguraman/Industrial Expert suggested including the resource planning with building materials course would raise the industrial basis knowledge.

Dr.K.Pandurangan/External expert suggested to reduce the chain surveying theory part in surveying -I course as well suggest to include the topics about GIS/GPS.

Dr.R.Sathyanarayan Sridhar/ University Nominee explained about the importance of stress/strain measures in field, so as to include the stress/strain experiment in Strength of materials Lab



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**Fourth Semester:**

Mr.J.Raguraman/Industrial Expert explained the scope of surveyor in industry so he recommended the two point /three point problems in Surveying Lab.

Dr.R.Sathyanarayan Sridhar/ University Nominee suggest, including the thin cylinder, Torsion & spring content in Mechanics of solids II. -

Dr.K.Pandurangan/External Expert discussed about Numerical methods course, he says that course content should relate to the civil application problems.

**Fifth Semester:**

Mr.J.Raguraman/Industrial Expert explained about the importance of manual drawing and suggests changing syllabus by 30 % as manual and 70 % using software.

Dr.K.Pandurangan/External Expert explained about the importance of Report writing for technical seminars, survey camp and project works.

Dr.R.Sathyanarayan Sridhar/ University Nominee suggest that concrete structures I should be renamed as Design of Reinforced Concrete Elements and the brick masonry design should be included in it.

**Sixth Semester**

Dr.K.Pandurangan/External Expert suggests that concrete structures II should be renamed as Advanced Reinforced Concrete Elements and the deep beam, grid floors, bunkers, silos should be included in the syllabus.

✓ Mr.J.Raguraman/Industrial Expert suggests to add Subramaniam, Dayaratnam and Duggal author books in references for steel structures and also include the steel water tank design. Also he suggests including the design in water supply engineering.

All experts suggests that the suitable IS code books should be given in the reference for respective subjects.

**Seventh Semester:**

Mr.J.Raguraman/Industrial Expert suggests that the topics estimate of special structures, specifications and standards should be included.

All experts suggest increasing the domains in mini project III and remove the additional experiments in computer aided design and drafting lab and also rename it as computer aided structural design and drafting.





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**Eighth Semester:**

All experts suggested to add total quality & ISO and Environmental, Health & Safety courses as Electives.

**Post Graduate: M.E:- Environmental Engineering**

The BoS members suggest to rename the Unit process and Operations laboratory and also to check the continuity of syllabus of the courses.

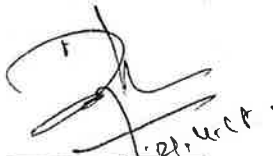
4. The following resolutions were passed

- It is resolved to recommend the curriculum and syllabi of third to eighth semester of B.E CIVIL and third to fourth semester of M.E Environmental Engineering Programmes to the Academic Council for approval.

The Chairman, Board of Studies thanked all the members for their valuable suggestions and coordination.

**Date: 21.04.2018**


**Place: EGSPEC, Nagapattinam**

  
Chairman (BoS)


  
University Nominee


  
Subject Expert


  
Subject Expert

  
Industry Expert

  
Alumni

  
Senior Faculty

  
Senior Faculty

  
Senior Faculty



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**Minutes of Board of Studies(BoS) Meeting**

Name of the Department	<b>Civil Engineering</b>
Name of the Programmes	B.E Civil Engineering M.E Environmental engineering
Meeting No.	03
Date & Time	20.05.2019 & 09.30AM
Venue	Civil A/C Seminar Hall

1. Chairman / BoS welcomed all members for the 3<sup>rd</sup> meeting of Board of Studies.
2. Chairman / BoS introduced the members.
3. Chairman / BoS briefed the members about the Agenda.


- Minutes of last meeting reviewed
- To finalize First to Eighth semester curriculum and syllabi for B.E – Civil Programme
- To finalize the open electives and one credit courses
- Any other matters.

4. The following are the suggestions given by the member of Board of Studies.

- Resolved not to combine the following the core subjects as one paper, instead to give it as two papers.
  - Survey – I & II
  - Structural analysis – I & II
  - Design of RCC structures - I & II
- Resolved that the students can select the subjects from open elective subjects listed or from MOOC & SWAYAM.


  
Chairman (BoS) / CIVIL

  
University Nominee

  
**CHAIRMAN**  
**Board of Studies**  
Department of Civil Engineering  
E.G.S Pillay Engineering College  
(Autonomous)  
Nagapattinam.  
Subject Expert

  
Industry Expert

  
Alumni

  
Senior Faculty

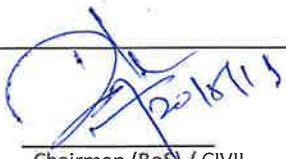
  
Senior Faculty

  
Senior Faculty

  
Senior Faculty

- Resolved to add in the subject Natural Disaster and Mitigation Management in open elective.
- Resolved that the Ground water engineering and Hydrology to move as professional core and biology for engineers & Material science and Metallurgy as Professional elective.
- Suggested to provide more importance to the training oriented courses.
- Environmental engineering course should be renamed as Water & Waste water engineering.
- <sup>Mini</sup> Project (fabrication) should be removed from the curriculum.

  
**CHAIRMAN**  
**Board of Studies**  
**Department of Civil Engineering**  
**EGS Pillay Engineering College**  
**(Autonomous)**  
**Nagapattinam.**

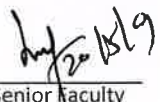
  
Chairman (BoS) / CIVIL


  
University Nominee


  
Subject Expert


  
Industry Expert

  
Alumni

  
Senior Faculty

  
Senior Faculty

  
Senior Faculty

  
Senior Faculty



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**Department of Civil Engineering**

**Board of Studies (BoS) Members**

**Meeting 4 (online)**

Sl.No.	Name	Category
1	<b>Dr.R.SIVAKUMAR</b> Professor Department of Civil Engineering E.G.S.Pillay Engineering College Nagapattinam – 611 002 E-mail: hodcivil@egspec.org Mobile: 9443533554	<b>Chairman</b>
2	<b>Dr.M.IBRAHIM BATHUSHA</b> Professor Department of Civil Engineering P.S.G.College of technology Coimbatore E-mail: mib@civ.psgtech.ac.in Mobile: 7339016337	<b>University Nominee</b>
3	<b>Dr.V.ARUTCHELVAN</b> Professor & Head Department of civil engineering Annamalai university Chidambaram – 608 002 E-mail: arul.au@gmail.com Mobile: 9994773966	<b>External Expert Members</b>
4	<b>Dr.K.MUTHUKKUMARAN</b> Professor Department of civil engineering NITT, Trichy. E-mail: kmk@nitt.edu Mobile: 9443651836	
5	<b>Mr.J.RAGHURAMAN</b> Sr.Manager – Skills Training L&T Construction Skill Training Chennai Residence : Flat no 1D, Udaya Nagar Main Road Porur, Chennai- 600 116 E-mail: jraturaman@intecc.com Mobile: 9943247482	<b>Industry / Corporate Sector</b>
6	<b>Ms.V.MONISHA</b> E.G.S Pillay polytechnic college Nagapattinam	<b>Alumnus</b>

7	<b>Mrs.P.MALLIGA</b> Associate Professor E-mail: malraj.ua@gmail.com Mobile:9443811782	<b>Internal Members</b>
8	<b>Ms.R.NEELAVENI</b> Assistant Professor E-mail: neelavenibavi@gmail.com Mobile: 9047758788	
9	<b>Mr.V.BALASUBRAMANI</b> Associate Professor E-mail: tvrvedha@gmail.com Mobile: 9443786514	
10	<b>Mr.S.SHYAM SUNDAR</b> Assistant Professor E-mail: shyamegspec@gmail.com Mobile: 9159593377	
11	<b>Mr.G.PRAKASH</b> Assistant Professor E-mail: pra.kv180@gmail.com Mobile: 9003950402	
12	<b>Ms.N.KARTHIKA</b> Assistant Professor E-mail: nkarthika20@gmail.com Mobile: 8883628018	





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### Minutes of Board of Studies (BoS) Meeting

Name of the Department	Civil Engineering
Name of the Programmes	B.E Civil Engineering
Meeting No.	04
Date & Time	19.06.2020 & 11.00 A.M.
Venue	Online Mode - Google Meets Room

- Chairman / BoS welcomed all members for the 4<sup>th</sup> meeting of Board of Studies.
- Chairman / BoS introduced the members.
- Chairman / BoS review the contents of 3<sup>rd</sup> BOS meeting.
- Chairman / BoS ~~briefed the members about the Agenda.~~
  - To finalize the curriculum and syllabi of 3<sup>rd</sup> & 4<sup>th</sup> Semester in B.E - Civil Engineering and 1<sup>st</sup> & 2<sup>nd</sup> Semester in M. E – Environmental Engineering.
  - Other matters.
- The following are the suggestions given by the members of Board of Studies in curriculum.
  - Group of electives should be maintained in **specific domains and dispersed with equal weights.**
  - Water supply Engineering and waste water engineering may be provided as **two core subjects.**
  - Based on the **course outcomes** divisions of units/modules to be provided.
  - Give priority for providing the course coordinator for the course **Biology for Engineers.**

**CHAIRMAN**  
**Board of Studies**  
**Department of Civil Engineering**  
**EGS Pillay Engineering College**  
**(Autonomous)**  
**Nagapattinam.**

**CHAIRMAN**  
**Board of Studies**  
**Department of Civil Engineering**  
**EGS Pillay Engineering College**  
**(Autonomous)**  
**Nagapattinam.**

Industry Expert

University Nominee

Alumni

Subject Expert

Senior Faculty

Senior Faculty

Senior Faculty

Senior Faculty


## B.E Civil Engineering


### III - Semester:

1. Engineering Survey— Course title as **Engineering surveying**.  
First two units may be merged as one unit and introduced a new unit with **theodolite surveying**.
2. Fluid mechanics and machines --- Course title as **Fluid mechanics and machineries**.
3. Fluid mechanics and machines lab --- Course title as **Hydraulics and hydraulics machineries lab**.
4. It is good the subject "Biology for Engineers" in the curriculum.

### IV - Semester:

1. Building materials and management---As per the content framed the course title as **Building materials and construction**.
2. Soil mechanics---In the first unit instead of introduction, module title as **soil and its characterization**.
3. Transportation engineering---One additional module should be included as **Railways and airport** without reducing any other content.
4. Engineering mathematics---The specified title should be as Engineering mathematics III.

  
Chairman – BOS / Civil  
(Dr.R.Sivakumar)  
**CHAIRMAN**  
**Board of Studies**  
Department of Civil Engineering  
EGS Pillay Engineering College  
(Autonomous)  
Nagapattinam.

  
Chairman (BOS) / Civil  
**CHAIRMAN**  
**Board of Studies**  
Department of Civil Engineering  
EGS Pillay Engineering College  
(Autonomous)  
Nagapattinam.  
Industry Expert


University Nominee

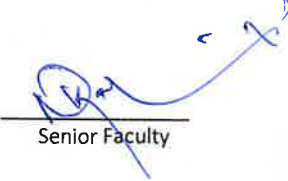
  
Alumni

Subject Expert

  
Senior Faculty

  
Senior Faculty

  
Senior Faculty

  
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**E.G.S. PILLAY ENGINEERING COLLEGE**  
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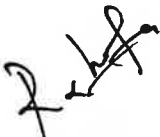

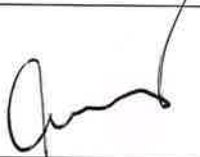
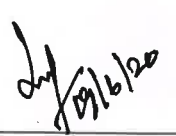

**Department of Civil**

**Board of Studies Meeting**

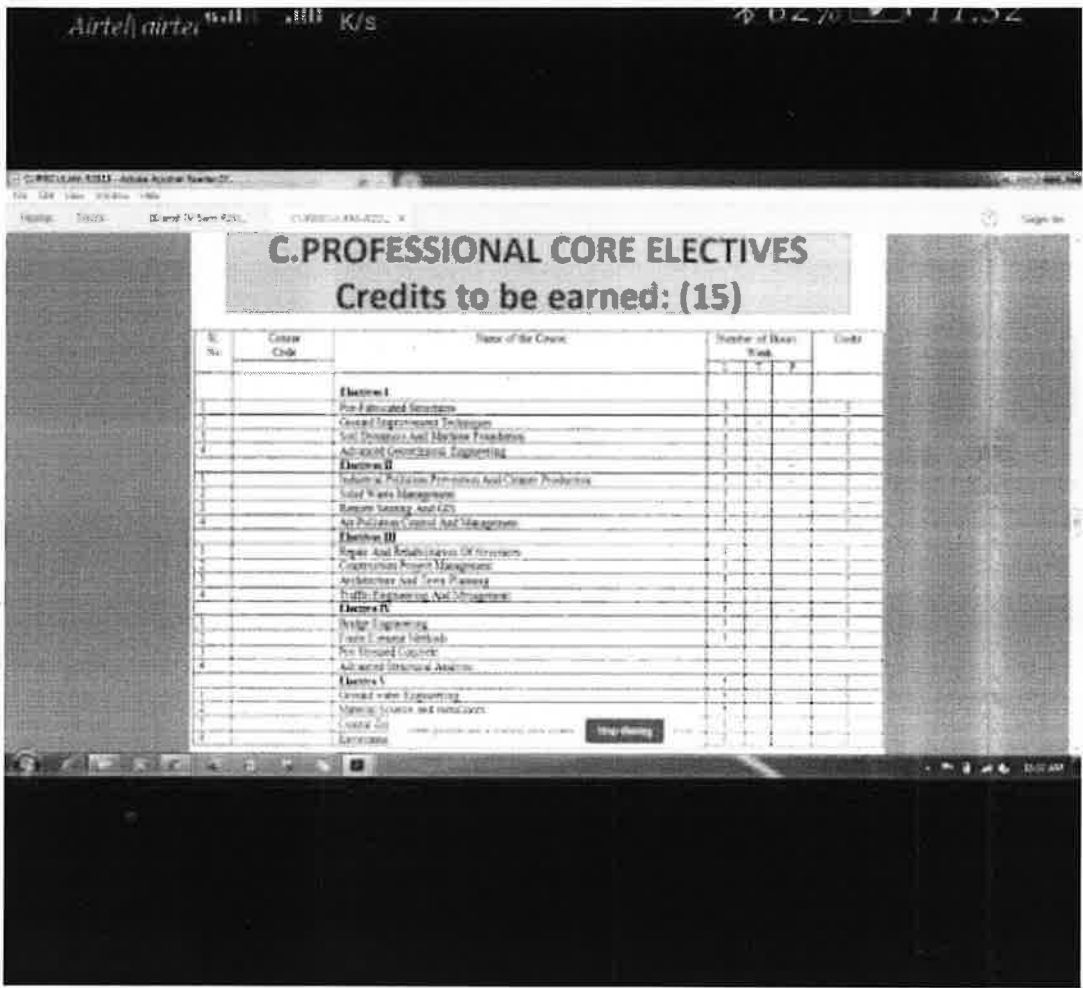
**Attendance**

**Name of the Department : Civil Engineering**  
**Meeting No : 04**  
**Date & Time : 19/06/2020 & 11 A.M**  
**Venue : Online Mode - Google Meets Room**

Sl.No.	Name	Category	Signature
1	<b>Dr.R.SIVAKUMAR</b> Professor Department of Civil Engineering E.G.S.Pillay Engineering College Nagapattinam – 611 002 E-mail: hodcivil@egspec.org Mobile: 9443533554	<b>Chairman</b>	 <b>CHAIRMAN</b> <b>Board of Studies</b> <b>Department of Civil Engineering</b> <b>EGS Pillay Engineering College</b> <b>(Autonomous)</b> <b>Nagapattinam.</b>
2	<b>Dr.M.IBRAHIM BATHUSHA</b> Professor Department of Civil Engineering P.S.G.College of technology Coimbatore E-mail: mib@civ.psgtech.ac.in Mobile: 7339016337	<b>University Nominee</b>	
3	<b>Dr.V.ARUTCHELVAN</b> Professor & Head Department of civil engineering Annamalai university Chidambaram – 608 002 E-mail: arul.au@gmail.com Mobile: 9994773966	<b>External Expert Members</b>	

Sl.No.	Name	Category	Signature
4	<b>Dr.K.MUTHUKKUMARAN</b> Professor Department of civil engineering NITT, Trichy. E-mail: kmk@nitt.edu Mobile: 9443651836	External Expert Members	
5	<b>Mr.J.RAGHURAMAN</b> Sr.Manager – Skills Training L&T Construction Skill Training, Chennai E-mail: jraguraman@intecc.com Mobile: 9943247482	Industry / Corporate Sector	
6	<b>Ms.V.MONISHA</b> E.G.S Pillay polytechnic college Nagapattinam	Alumnus	
7	<b>Mrs.P.MALLIGA</b> Associate Professor E-mail: malraj.ua@gmail.com Mobile:9443811782	Internal Members	
8	<b>Ms.R.NEELAVENI</b> Assistant Professor E-mail: neelavenibavi@gmail.com Mobile: 9047758788		
9	<b>Mr.V.BALASUBRAMANI</b> Associate Professor E-mail: tvrvedha@gmail.com Mobile: 9443786514		
10	<b>Mr.S.SHYAM SUNDAR</b> Assistant Professor E-mail: shyamegspec@gmail.com Mobile: 9159593377		
11	<b>Mr.G.PRAKASH</b> Assistant Professor E-mail: pra.kv180@gmail.com Mobile: 9003950402		
12	<b>Ms.N.KARTHIKA</b> Assistant Professor E-mail: nkarthika20@gmail.com Mobile: 8883628018		

  
 14.6.20  
**Chairman – BoS (CIVIL)**  
**CHAIRMAN**  
**Board of Studies**  
**Department of Civil Engineering**  
**EGS Pillay Engineering College**  
**(Autonomous)**  
**Nagapattinam.**



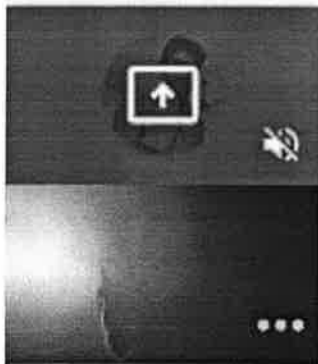
(11)



*Adhavanathan Civil (You)*



*muthukumaran kasinathan*



*Adhavanathan T*



*siva kumar*



*Others in the meeting (7)*



*Adhavanathan T*





A.FOUNDATION COURSES  
Total Credits to be earned: (50)

a. Humanities and Social Science (13)

Sl. No.	Course Code	Course Name	Credits	Req. Yr	Req. Sem
1	19H101	English	3	1	1
2	19H102	English	3	1	2
3	19H103	English	3	1	3
4	19H104	English	3	1	4
5	19H105	English	3	1	5
6	19H106	English	3	1	6
7	19H107	English	3	1	7
8	19H108	English	3	1	8
9	19H109	English	3	1	9
10	19H110	English	3	1	10
11	19H111	English	3	1	11
12	19H112	English	3	1	12
13	19H113	English	3	1	13

(11)

**A** Adhivanathan Civil (You)

siva kumar >

Adhivanathan T >

MIB-CRUI PSG CT >

Others in the meeting (7)

Adhivanathan T >

siva bharathi >

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### Minutes of Board of Studies(BoS) Meeting

Name of the Department	Civil Engineering
Name of the Programmes	B.E Civil Engineering
Meeting No.	05
Date & Time	9.03.2021& 12.00 Noon
Venue	Online Mode - Google Meets Room

1. Chairman / BoS welcomed all members for the 5<sup>th</sup> meeting of Board of Studies.
2. Chairman / BoS introduced the members.
3. Chairman / BoS review the contents of 4<sup>th</sup> BOS meeting.
4. Chairman / BoS briefed the members about the Agenda.
  - To finalize the curriculum and syllabi of 5,6,7 and 8<sup>th</sup> Semester including laboratory equipment's and industry related courses in B.E - Civil Engineering
  - Other matters.
5. The following are the suggestions given by the members of Board of Studies in curriculum and syllabus:
  - Group of electives should be maintained in **specific domains and dispersed with equal weights**.
  - It is seems to be number of courses in third semester are more when compared with other semesters. It may be dispersed conveniently.
  - Water supply Engineering and waste water engineering may be provided as **two core subjects**, or otherwise the basics of both subjects eliminated and included all other important with design aspects.
  - It is suggested and advisable for **providing more weightage for laboratory courses than theory**.

  
Chairman (BoS) **CHAIRMAN**  
**Board of Studies**  
Department of Civil Engineering  
EGS Pillay Engineering College  
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Nagapattinam.  
Subject Expert


University Nominee


  
Industry Expert

Subject Expert

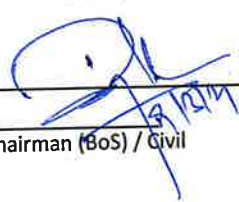
  
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- Total credits may be increased such that **no important courses should be avoided.**
- It is better the name of elective courses should not be enter in the curriculum hence **cannot choose themselves by students.**
- The objectives of all courses should be clearly mentioned.
- Suggested to separate Fluid mechanics and applied Hydraulics into **two separated courses**, or otherwise open channel flow, fluid mechanics and machineries should be included.
- It should be considered at least one unit as an application oriented module so that it may be very much useful for placement for the students.
- Give uniformity for all courses for providing course objectives as course outcomes.
- By merging Surveying as a single course, **few of the topics have been omitted.** Surveying as an important course for civil Engineering programme. It is preferred all topics are to be included.
- All the experiments of each laboratory courses should be uniformly framed.
- Minimum **2 to 3 text books for reference** should be included in all courses.
- Minimum **4 to 5 reference books** should be included in all courses.
- It is observed that the course “Essence of Indian traditional knowledge” is not taken by a single course coordinator even it is a mandatory and have no credit. It is preferable and suggested that the students may collect all the details regarding that course and submitted as a record.
- The course titles “Design of RC structures I&II” may be changed as Design of RC elements and Advanced concrete structures for impressive and easy to understand.

  
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- The content of the open elective course "Global Warming and Climate Change" should be verified and corrected in all units.
- It is suggested that the course "Repair and Rehabilitation of structures" is to be included as a core course instead of elective course. And discussed that core courses may be added such that professional ethics may be considered as a Humanities management courses.
- **Notches and weirs experiment** may be included in the fluid mechanics and machineries lab.
- **Application and usage of software** may be included in quantity surveying and estimation course.
- **Architecture and town planning** is very much important for civil engineering students hence it may include as a mandatory core course.
- For design courses the name of **IS codes should be provided as reference.**
- All the courses should be verified with credit distribution, Module uniformity, objectives and course outcomes.

9.3.24  
 Chairman – BOS / Civil  
 (Dr.R.Sivakumar)

Board of Studies  
 Department of Civil Engineering  
 EGS Pillay Engineering College  
 (Autonomous)  
 Nagapattinam.

CHAIRMAN  
 Board of Studies  
 Department of Civil Engineering  
 EGS Pillay Engineering College  
 (Autonomous)  
 Nagapattinam

Subject Expert

9.3.24  
 Senior Faculty

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Industry Expert

Senior Faculty

Subject Expert

Alumni

Senior Faculty

Meet - chq-oxiz-gvd

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Adhavanathan Civil is presenting

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Incognito

Meeting details ^

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12:06 09-03-2021

Department of Civil Engineering  
Board of Studies (BoS) Members  
Meeting 5 (online) - 09.03.2021

Sl.No.	Name	Category
1	Dr.SIVAKUMAR Professor Department of Civil Engineering T.S.S Pillay Engineering College Nagapattinam - 611002 E-mail: sivaok@tsspc.ac.in Mobile: 9445119744	Chairman
2	Dr.MIRRAJESH MATHURUSA Professor Department of Civil Engineering P.S.G College of Technology Coimbatore E-mail: math@psgpcet.ac.in Mobile: 9995952377	University Nominee
3	Dr.SAMUEL CHILLYAN Professor & Head Department of Civil Engineering Anna University Chennai	

Raguraman ...

Veera arut c...

Dr Ibrahim B...

Karthika N

siva kumar

Karthika N

N.R.Vetha ...

Balasubram...



Meet - chq-oxiz-gvd

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Department of Civil Engineering  
Board of Studies (BoS) Members  
Meeting 5 (online) - 09.03.2021

S.No.	Name	Category
1	Dr.BSIVAKUMAR Professor Department of Civil Engineering E.G.S.Peter Engineering College Sriperumbudur - 611302 E-mail: bsivakumar@egsps.edu Mobile: 9443111554	Chairman
2	Dr.M.ILAKKUMATHISHA Professor Department of Civil Engineering P.S.G.College of Technology Cuddalore E-mail: mthilakku@psgce.ac.in Mobile: 7792155151	University Nominee
3	Dr.V.SRUGILLAN Professor & Head Department of civil engineering, Anna University, Chennai	

Meeting details

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Meet - chq-oxiz-gvd

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Final Year - Eighth Semester

Course Code	Course Name	L	T	P	C	Maximum Marks
		CA	ES	Total		
<b>Theory Course</b>						
	Pre Semester Courses(PC Electives)	3	3	0	3	60
	Credit Load Management(PC Elective)	3	3	0	3	60
<b>Laboratory Course</b>						
	Project Work	0	0	16	3	50
						100

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### Final Year Curriculum and Syllabus

Second Year - Third Semester

Course Code	Course Name	L	T	P	C	Maximum Marks		
						CA	ES	Total
<b>Theory Course</b>								
ENCM001	Engineering Mathematics	4	0	0	0	40	40	100
ENCM002	Engineering English	1	0	0	1	20	40	100
ENCM003	Fluid Mechanics and Machinery	3	0	0	3	40	40	100
ENCM004	Strength of Materials	3	0	0	3	40	40	100
ENCM005	Engineering Surveying	2	0	0	2	40	40	100
<b>Laboratory Course</b>								
ENCM006	Surveying Lab	0	0	1	1	10	10	100
ENCM007	Strength of Materials Lab	0	0	1	1	10	10	100
ENCM008	Fluid Mechanics and Machinery Lab	0	0	1	1	10	10	100
ENCM009	Fluid Mech. & Hydr. Lab	0	0	1	1	10	10	100
<b>Audit Course</b>								
ENCM010	Environmental Science	1	0	0	0			

Meeting details

People (13)

- Karthika N
- Karthika N
- muthukumaran kasinat...
- N.R.Vetha moorthy
- Raguraman Jayaraman
- siva kumar
- Veera arut chelvan
- Veera arut chelvan

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### Final Year - Seventh Semester

Course Code	Course Name	L	T	P	C	Maximum Marks		
						CA	ES	Total
<b>Theory Course</b>								
	Estimation & Quantity Surveying	2	0	0	1	40	40	100
	Professional Ethics	1	0	0	1	20	40	100
	Repair And Rehabilitation Of Structures(PE Elective)	1	0	0	1	40	40	100
	Water Pollution and Management(Open Elective)	1	0	0	1	40	40	100
	Estimation and Bill of Materials (BOM) (Open Elective)	1	0	0	1	40	40	100
	Entrepreneurship Development (ESS Elective)	1	0	0	1	40	40	100
<b>Laboratory Course</b>								
	Comprehensive Viva	0	0	1	1	10	10	100
	Live/Mini Training - Internship Presentation	0	0	1	1	10	10	100

Meeting details

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**Department of Civil Engineering**  
**M.E. – Environmental Engineering**  
**Board of Studies (BoS) Members**  
**Meeting 6 (online) - 12.07.2021**

Sl.No.	Name	Category
1.	<b>Dr.R.SIVAKUMAR</b> Professor Department of Civil Engineering E.G.S.Pillay Engineering College Nagapattinam – 611002 E-mail: hodcivil@egspec.org Mobile: 9443533554	<b>Chairman</b>
2.	<b>Dr.M.IBRAHIM BATHUSHA</b> Professor Department of Civil Engineering P.S.G.College of technology Coimbatore E-mail: mib@civ.psgtech.ac.in Mobile: 7339016337	<b>University Nominee</b>
3.	<b>Dr.V.ARUTCHELVAN</b> Professor & Head Department of civil engineering Annamalai university Chidambaram – 608 002 E-mail: arul.au@gmail.com Mobile: 9994773966	<b>External Expert Members</b>
4.	<b>Dr.K.MUTHUKUMARAN</b> Professor Department of civil engineering NITT, Trichy. E-mail: kmk@nitt.edu Mobile: 9443651836	
5.	<b>Mr.J.RAGHURAMAN</b> Sr.Manager – Skills Training L&T Construction Skill Training Chennai Residence : Flat no 1D, Udaya Nagar Main Road Porur, Chennai- 600 116 E-mail: jraguraman@intecc.com Mobile: 9943247482	<b>Industry / Corporate Sector</b>

6.	<b>Ms.G.Muthulakshmi</b> K.S.K.Engineering college Kumbakonam	<b>Alumnus</b>
7.	<b>Dr.S.ANAND KUMAR VARMA</b> Professor Head of the Dept E-mail: hodcivil@egspec.org Mobile: 9585971901	<b>Internal Members</b>
8.	<b>Mr.V.BALASUBRAMANI</b> Associate Professor E-mail: tvrvedha@gmail.com Mobile: 9443786514	
9.	<b>Mr.S.SHYAM SUNDAR</b> Assistant Professor E-mail: shyamegspec@gmail.com Mobile: 9159593377	
10.	<b>Mr.G.PRAKASH</b> Assistant Professor E-mail: pra.kv180@gmail.com Mobile: 9003950402	
11.	<b>Ms.N.KARTHIKA</b> Assistant Professor E-mail: nkarthika20@gmail.com Mobile: 8883628018	



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Nagore Post, Nagapattinam – 611 002, Tamil Nadu.

**Minutes of Board of Studies (BoS) Meeting**

Name of the Department	Civil Engineering
Name of the Programmes	M.E. Environmental Engineering
Meeting No.	06
Date & Time	12.07.2021 & 12.15p.m.
Venue	Online Mode - Google Meet

1. Chairman / BoS welcomed all members for the 6<sup>th</sup> meeting of Board of Studies.
2. Chairman / BoS introduced the members.
3. Chairman / BoS review the contents of 5<sup>th</sup> BOS meeting.
4. Chairman / BoS briefed the members about the Agenda.

- To finalize the curriculum and syllabi of 1, 2, 3 and 4<sup>th</sup> Semester including laboratory equipment's and industry related courses in M.E. Environmental Engineering
- Other matters.

5. The following are the suggestions given by the members of Board of Studies in curriculum and syllabus:

- Suggested that Environmental Microbiology and Environmental chemistry courses should be verified and strengthened and may be merged as one course so as to include one core course additionally.

Chairman (BoS) / Civil

University Nominee

Subject Expert

Subject Expert

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Alumni


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- The contents of soil chemistry and atmospheric chemistry may be removed.
- Climate change and modeling should be included in Professional core courses.
- Remove Transportation of water and wastewater from elective course and merge its content with Principles and Design of Physico-chemical treatment system & biological treatment system courses.
- WTP and STP designs should be strengthened for employment purpose.
- Remote Sensing and GIS Applications in Environmental Management should be included in Elective course.
- Suggested that include introduction of software related topics in Statistics for Environmental Engineering.
- Resource and Energy Recovery from Waste course may also be offered as open elective.
- It is suggested that instead of Units, Modules are used in all syllabus.
- The portions like hazardous Acts, Noise pollution Acts are to be included in open elective course Environmental policies and legislation.

  
 Chairman – BOS / Civil  
 (Dr. R. S. Lakshmi)  
**CHAIRMAN**  
**Board of Studies**  
 Department of Civil Engineering  
 EGS Pillay Engineering College  
 (Autonomous)  
 Nagapattinam.

  
 Chairman (CHAIRMAN)  
**Board of Studies**  
 Department of Civil Engineering  
 EGS Pillay Engineering College  
 (Autonomous)  
 Nagapattinam.

Subject Expert

University Nominee

Industry Expert

Subject Expert

Alumni

  
 Senior Faculty

  
 Senior Faculty

  
 Senior Faculty

Meeting interface showing a presentation slide titled "Section 6 (online) - 12.07.2021". The slide content is as follows:

No.	Name	Category
1.	Dr. K. S. SURESH Professor Department of Civil Engineering E.S.S. Pillay Engineering College Nagapattinam-617002 E-mail: kshs@esspillayeng.ac.in Mobile: 9133711111	Chairman
2.	Dr. M. D. RAJESH Professor Department of Civil Engineering E.S.S. Pillay Engineering College Nagapattinam-617002 E-mail: mdr@esspillayeng.ac.in Mobile: 9133711111	Member
3.	Dr. V. ABHIRAMAN Professor & In-charge Department of Civil Engineering Anna University Chennai-600025 E-mail: vabhir@annauniv.ac.in Mobile: 9947110088	External Paper Member
4.	Dr. S. LATHA SATHISHAN Professor Department of Civil Engineering NITL Tamil E-mail: lsathishan@nitl.ac.in Mobile: 9445111134	
5.	Dr. K. SURESH KANNAN In-charge, Trade Training S&I Commission TRB Training Chennai	

The interface also shows a sidebar with participants: Pirakasam Pirakasam, HOD CIVIL, 4 others, and You.

Meeting interface showing a gallery view of participants. The participants are:

- HOD CIVIL
- Pirakasam Pirakasam
- SHYAM SUNDAR S
- AT ARJUNAN
- Raguraman Jayaramalu
- siva kumar
- You

The interface also shows a sidebar with participants: HOD CIVIL, 4 others, and You.

Browser tabs: (no subject) - evenkatesan5717, Meet - evo-nmqn-wxi

URL: meet.google.com/evo-nmqn-wxi

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Participants: HOD CIVIL, Pirakasam Pirakasam, SHYAM SUNDAR S, AT ARJUNAN, Raguraman Jayaramalu, siva kumar, You

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siva kumar is presenting

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Sl.No	Name	Category
1.	<b>D.V.KRISHANMUR</b> Professor Department of Co-E Engineering S.E.S.Neer Engineering College Durgamcherry-43 1002 E-mail: dvk@rediffmail.com Mobile: 9443333254	Chairman
2.	<b>D.KRISHNABATHURIA</b> Professor Department of Co-E Engineering P.E.C College of Technology Coimbatore E-mail: web@pccet.ac.in Mobile: 9356161111	University Member
3.	<b>D.V. ANJURESHAN</b> Assistant & Lecturer Department of Co-E Engineering Annamalai University Chidambaram-605 002 E-mail: anj_v@rediffmail.com Mobile: 9999111111	External Expert Members
4.	<b>D.K. RAJESH KUMAR</b> Professor Department of Co-E Engineering MIT Taty E-mail: rajesh@mit.ac.in Mobile: 9443333254	
5.	<b>M.A. JAGDEESHAN</b> Sr. Engineer - Tech Training L&T Construction & Training Chennai	

Participants: siva kumar, Pirakasam Pirakasam, H, 4 others, You

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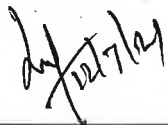

**Department of Civil**

**Board of Studies Meeting**

**Attendance**

**Name of the Department** : Civil Engineering  
**Meeting No** : 06  
**Date & Time** : 12/07/2021 & 11 A.M  
**Venue** : Online Mode - Google Meets Room

Sl.No.	Name	Category	Signature
1	<b>Dr.R.SIVAKUMAR</b> Professor Department of Civil Engineering E.G.S.Pillay Engineering College Nagapattinam – 611 002 E-mail: hodcivil@egspec.org Mobile: 9443533554	<b>Chairman</b>	 <b>CHAIRMAN</b> <b>Board of Studies</b> <b>Department of Civil Engineering</b> <b>EGS Pillay Engineering College</b> <b>(Autonomous)</b> <b>Nagapattinam.</b>
2	<b>Dr.M.IBRAHIM BATHUSHA</b> Professor Department of Civil Engineering P.S.G.College of technology Coimbatore E-mail: mib@civ.psgtech.ac.in Mobile: 7339016337	<b>University Nominee</b>	
3	<b>Dr.V.ARUTCHELVAN</b> Professor & Head Department of civil engineering Annamalai university Chidambaram – 608 002 E-mail: arul.au@gmail.com Mobile: 9994773966	<b>External Expert Members</b>	

Sl.No.	Name	Category	Signature
4	<b>Dr.K.MUTHUKUMARAN</b> Professor Department of civil engineering NITT, Trichy. E-mail: kmk@nitt.edu Mobile: 9443651836	<b>External Expert Members</b>	
5	<b>Mr.J.RAGHURAMAN</b> Sr.Manager – Skills Training L&T Construction Skill Training, Chennai E-mail: jraguraman@intecc.com Mobile: 9943247482	<b>Industry / Corporate Sector</b>	 12.7.21
6	<b>Ms.G.Muthulakshmi</b> K.S.K.Engineering college Kumbakonam	<b>Alumnus</b>	G.Muthulakshmi
7	<b>Dr.S.ANAND KUMAR VARMA</b> Professor Head of the Dept E-mail: hodcivil@egspec.org Mobile: 9585971901	<b>Internal Members</b>	 12.7.21
8	<b>Mr.V.BALASUBRAMANI</b> Associate Professor E-mail: tvrvedha@gmail.com Mobile: 9443786514		VST
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