



PSN ENGINEERING COLLEGE

Melathediyoar, Palayamkottai Taluk, Tirunelveli District, Pin - 627 152.

(Approved by AICTE and Affiliated to Anna University)

An ISO 9001 : 2015 Certified Institution

Website : www.psnec.ac.in Email : principal@psnec.ac.in

☎ 04634-279078, 279079 Fax : 04634-279078

ISO 9001 : 2015



Ref No-PSNEC/2020-2021/CIVIL-III,IV/SEM/PL-01

Date: 10-08-2020

Permission Letter

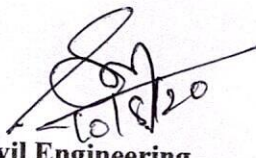
Sub: Seeking Permission to conduct seminar on Civil engineering reg.

The Civil Engineering department is planned to conduct Seminar on **Civil engineering** for III, IV year Students in this academic year 2020-2021 on **18th AUG 2020** at Seminar Hall, PSN Engineering College.

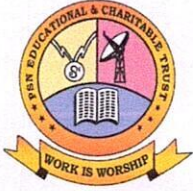
Hence, we are seeking permission to conduct the above stated seminar.

Thanking you,


PRINCIPAL
Dr. M.S. RASIKUMAR
Principal
PSN ENGINEERING COLLEGE
Melathediyoar, Palayamkottai
Tirunelveli - 627 152


HOD / Civil Engineering

Head of the Department
Department of Civil Engineering
PSN Engineering College
Tirunelveli - 627152



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Circular

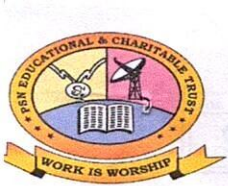
The Department of Civil Engineering is organizing Seminar in **Civil Engineering** for III, IV year students for Academic Year 2020-2021.

The date is scheduled for **18th AUG 2020** at Seminar Hall, PSN Engineering College

Dr. M. **PRINCIPAL** KUMAR
Principal
PSN ENGINEERING COLLEGE
Melathediyoor, Palayamkottai
Tirunelveli - 627 152

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DEPARTMENT OF CIVIL ENGINEERING

SEMINAR ON SELF-COMPACTING CONCRETE

Name of the Course/Program	SEMINAR ON SELF-COMPACTING CONCRETE
Conducted on	From 18 AUG 2020 (no. of Days) 1
Duration (Minimum 30 hrs)	1hr 30min
Venue	PSNEC Civil Department Seminar hall
Number of Participants	18
Dept/Year/Semester	Civil /III,IV/V,VII.
Resource Person (s) Details	Mr.V.K.Ashok Kumaravel,AP/Civil Psn Engineering College
Objective of the Course / Program	1. Self compacting concrete should comply certain characteristics at the fresh stage. 2. Development of self compacting concrete which are having properties of filling, passing, resistance to segregation, open time, pumping ability, finishing ability and open time is essential.

REPORT ON SELF-COMPACTING CONCRETE:

PSN Engineering College Civil Department organized a seminar on “**SELF-COMPACTING CONCRETE**” on **AUG 18th, 2020** in PSNEC Civil Department Seminar hall. The Program started at **10.30 am** with the welcome address given by our department HOD **Mrs.B.Krishna rama** followed by Inaugural address given by **Dr.M.S.Ravikumar** (Principal PSNEC), Felicitation Address given by **Dr.N.Prabhu** (Director PSNEC).The Seminar was handled by Mr.V.K.Ashok Kumaravel and teach about the self compacting concrete . All the third year and final year students are present in the seminar hall with concerned class adviser .the topic is covered with uses and characteristics of self compacting concrete.

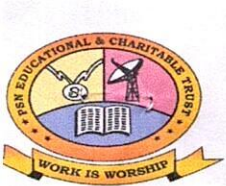


Seminar presentation by V.K.Ashok Kumaravel on AUG 18th, 2020 at PSNEC Civil department Seminar hall



Students Interactions with Seminar presenter V.K.Ashok Kumaravel on 18th AUG 2020 at PSNEC Civil department Seminar hall

The proportioning of SCC mix is much more scientific than that of conventional concrete mixes. SCC mix requires high powder content, lesser quantity of coarse aggregate, high range superplasticizer and VMA



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(Viscosity Modifying Agent) to give stability and fluidity to concrete mix. The workability of SCC is equilibrium of fluidity, deformability, filling ability and resistance to segregation. This equilibrium has to be maintained for a sufficient time period to allow for its transportation, placing and finishing. Combinations of tests are required to characterize the workability properties. This Seminar on Self-Compacting Concrete topic is very useful for Students project to related in concrete.

SUMMARY:

- A one day seminar on **SELF-COMPACTING CONCRETE** was conducted in Department of Civil Engineering. The seminar starts on **18th AUG 2023** at **10.30 am**.
- The seminar was handled by **V.K.Ashok Kumaravel** On that Session the students learn about focused on network system.
- Self-compacting concrete (SCC) is a flowing concrete that does not require vibration and, indeed, should not be vibrated. It uses superplasticisers and stabilisers to significantly increase the ease and rate of flow.
- It achieves compaction into every part of the mould or formwork simply by means of its own weight without any segregation of the coarse aggregate.
- The consistence of the concrete is specified and measured as a flow rate rather than the normal slump.


HOD/CIVIL

Mrs.B.Krisharama

Head of the Department
Department of Civil Engineering
PSN Engineering College
Tirunelveli - 627152


20/6/23
DIRECTOR / IQAC

Dr G Satish Pandian
Professor of Mech & Auto
Director - IQAC
PSN Engineering College,
Tirunelveli 627152


PRINCIPAL

Dr.M.S.Ravikumar

Dr. M.S. RAVIKUMAR
Principal
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