



**SURESH ANGADI EDUCATION FOUNDATION'S
ANGADI INSTITUTE OF TECHNOLOGY & MANAGEMENT**



Approved by AICTE, New Delhi, Affiliated to VTU Belagavi & Accredited by NAAC
Savagaon Road, Belagavi Karnataka - India - 590 009
(Integrated Campus)

Web : www.aitmbgm.ac.in, Email : director@aitmbgm.ac.in Ph. No. : 0831-2438123

Ref. No.: AITM/OCA/2023/2024/293

Date: 19-03-2024

To:

Head of the Department
Civil Engineering

Dear Sir,

Subject: Invitation for Invited Technical Talk on 23rd March 2024

We are delighted to inform that the Association of Civil Engineering Students, AITM, Belagavi is organizing an Invited Technical Talk on "Geopolymers - Industrial by-product based Eco friendly Low Carbon Footprint Binders as alternate to Portland Cements and Petroleum based Organic Resins" by Dr. Nirmalakumar P. Rajmane, Founder & Former Head, Centre for Advanced Concrete Research, SRMIST [former SRM University] and Advanced Materials Lab, CSIR-SERC, Chennai on 23rd March 2023 between 10.00 am and 12.00 noon.

We take this opportunity to invite all the interested faculty, higher semester students of Civil Engineering and Research Scholars of your Institute to attend this event. It will be a good opportunity for Research Scholars working in the area of Concrete Technology, Geopolymer Concrete and allied areas for interacting with the renowned Guest Speaker after the session.

A brief profile of the invited speaker is attached herewith.

There is no registration fee.

Venue: AITM Auditorium.

Kindly circulate this among the faculty and students.

Thanks and Regards,

Prof. M. V. Kanthi

Dr. G. S. Manjunatha

Dr. Anand Deshpande
Principal & Director
Suresh Angadi Education Foundation
Angadi Institute of Technology And Management
Savagaon Roac, Belagavi-590 009

-: OUR INSTITUTIONS :-

* ANGADI INTERNATIONAL SCHOOL * ANGADI COLLEGE OF COMMERCE & SCIENCE * ANGADI SCHOOL OF ARCHITECTURE



SURESH ANGADI EDUCATION FOUNDATION

Admin Office: Angadi Institute of Technology & Management,
Savagaon Road, Belagavi -590009.

SOP FOR USAGE OF AUDITORIUM

1. The Request letter for the Usage of Auditorium should be submitted to undersigned before one week of the Event.
 2. Concerned Coordinator must check the Auditorium and test all the systems along with the media which to be used (if any) one day prior to the event.
 3. No last minute request for additional audio or video facility will be accepted under any circumstances.
 4. No eatables will be allowed inside the Auditorium. No fixture or furniture must be moved without permission of Auditorium In charge.
 5. In charge must coordinate with Electrician for conduction of event like handing over the mic to the participants or guests, switching lights for media presentation etc. during the event.
 6. Convener and Coordinator are responsible for any kind of the damage caused in the Auditorium due to event.
 7. The co-coordinator should submit the application form before one day of the event along with payment made details. - N/A
 8. Convener must ensure that a proper decorum and discipline is maintained before, during and after event and will be sole responsible for any kind of indiscipline by participants.
 9. Cleanliness should be maintained at surrounding of the Auditorium.
 10. The management has reserved the rights.
 11. Electrician & In-charge Contact Number – Sudhir - 7022269600 ,Nagappa - 7022022261
- Agreed & Accepted

Signature of the Applicant



SURESH ANGADI EDUCATION FOUNDATION

Admin Office: Angadi Institute of Technology & Management,
Savagaon Road, Belagavi - 590009.

Application to be submitted for Booking of Auditorium

Name of The Institute	Angadi Institute of Technology & Management		
Department :	Civil Engineering		
Date of Application:	19/3/2024		
Date of Event:	From: 23/3/2024 to	No of Days: 01	
Name of Event:	one day workshop		
Type:	Workshop/ Expert Lecture/ FDP/ Cultural/ Other (Specify)		
Time:	From: 10 am to 12:30 pm	Duration: 2 hrs 30 min	
Type of Participants:	Staff/ Students/ 100	Outside Participants (Specify):	
Number of Participants:	No of Participants: 100	No of Guests: 01	Total: 101
Purpose of Event: (Not More than 100 Words)	Guest talk on "Geopolymers - Industrial by product based eco-friendly low carbon footprint binders as alternate to Portland Cements and petroleum based organic resin"		
Name of the In charge & Mobile No.	M.V. Kanthi 9343487323		
Alternate Person Name			Contact Number:
Type of Instrument Required:	Podium Mic: Yes/ No	Cordless Mic: Yes/No	
	Collar Mic: Yes/No	Projector: Yes/No	
	Projector Back Screen: Yes/No		

We here by certify that, we are aware regarding SOP for the usage of Auditorium and will be responsible for any violation of the same.


Name of Applicant with Sign

Head of the Department Civil Engineering
Angadi Institute of Technology And Management
Savagaon Road, Belagavi-590 009


Principal & Director

Administrator



Suresh Angadi Education Foundation's
Angadi Institute of Technology and Management
Savagaon Road, Belagavi - 590 009
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DEPARTMENT OF CIVIL ENGINEERING
CORDIALLY INVITES FOR THE TECHNICAL TALK

on

"GEOPOLYMERS - INDUSTRIAL BY-PRODUCT BASED ECO-FRIENDLY LOW CARBON FOOTPRINT BINDERS AS ALTERNATE TO PORTLAND CEMENTS AND PETROLEUM BASED ORGANIC RESINS"

Organized by Association of Civil Engineering Students

BRIEF PROFILE OF GUEST SPEAKER

- Founder and Former Head of Center for Advance Concrete Research, SRM University and Advanced Materials Lab (CSIR-SERC), Chennai
- Advisor (R&D) Center for Ash Utilisation Technology and Environment Conservation, Raichur
- Technical Advisor, Geo-Polymer Concrete Technology, KS Pvt. Ltd., Madurai
- Geo-Polymer Scientific and Technical Advisor, Vasavi Concrete Solutions, Kurnool

Patents: 02

Publications: >500 contributions

Projects worked: >100

Amazon Booklets: 04

Fields of Expertise:

Geopolymer Technology; Concrete Technology; High-Performance Concrete; Reactive Powder Concrete; Self Compacting Concrete; Ultra High-Performance Concrete; Polymer Impregnated Concrete; Durability of Concrete, etc/

AWARDS:

ICI Outstanding Concrete Technologist; IE(I) President's Gold Medal; Dr B.V.Rangan Award for Geopolymer Research; Special Recognition by CSIR-PWA



Date: 23' March 2024

Time: 10:00am to 12:00noon

Venue: AITM Auditorium



Dr. N.P. RAJMANE Ph.D

Prof. M. V. Kanthi
Co-ordinator

Dr. G. S. Manjunatha
Professor and Head

Dr. Anand B Deshpande
Principal & Director



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Ref. No.:

Date :

To:

*Head of the Department
Civil Engineering
Jain College of Engineering, Belagavi*

Respected Sir,

*Subject: Expression of gratitude for deputing the Faculty and Students for the
Invited Technical Talk*

Heartfelt Greetings.

We are deeply honored and privileged to express our sincere thanks and gratitude to your kindness and the authorities of your esteemed Institute for honoring our invitation by deputing your faculty and students for the Invited Technical Talk on "Geopolymers - Industrial by-product based Eco-friendly Low Carbon Footprint Binders as alternate to Portland Cements and Petroleum based Organic Resins" by Dr. Nirmalakumar P. Rajmane, organized by the Association of Civil Engineering Students, AITM, Belagavi on 23rd March 2024.

We solicit and appreciate your kind cooperation and association in future also for the mutual benefit of the faculty and students of both the Institutes.

Kindly convey our wishes to all faculty and students.

Also, please find enclosed herewith the participation certificates of those who attended the session.

Sincerely,

Dr. G. S. Manjunatha
HoD, Civil Engg.

-: OUR INSTITUTIONS :-

*** ANGADI INTERNATIONAL SCHOOL * ANGADI COLLEGE OF COMMERCE & SCIENCE * ANGADI SCHOOL OF ARCHITECTURE**

To:

*Head of the Department
Civil Engineering
S. G. Balekundri Institute of Technology, Belagavi*

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*Subject: Expression of gratitude for deputing the Faculty and Students for the
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Sincerely,

*Dr. G. S. Manjunatha
HoD, Civil Engg.*

REPORT

OF

Technical Talk

ON

“Geopolymers - Industrial by-product based Eco-friendly Low Carbon Footprint Binders as alternate to Portland Cements and Petroleum based Organic Resins”

DETAILS OF THE EVENT

Sl. No.	Description	Details
1.	Name of the Event	“Geopolymers - Industrial by-product based Eco-friendly Low Carbon Footprint Binders as alternate to Portland Cements and Petroleum based Organic Resins”
2.	Number of Participants	85
3.	Event Date	23 rd March 2024
4.	Person in Charge	Dr. G. S. Manjunatha, Prof. M.V. Kanthi
5.	Name of the resource Person/entity	Dr. Nirmalakumar P. Rajmane Founder & Former Head, Centre for Advanced Concrete Research, SRMIST [former SRM University] and Advanced Materials Lab, CSIR-SERC, Chennai

CONTENTS

Objective of Technical Talk:	3
Relevance to PO	3
Audience (Students/Faculty/Research Scholars)	3
Budget of the Event (Part of Budget)	3
Speaker Invite Letter/ Profile/ Details	3
Proposal Provided	3
Fees of the Industrial Visit, if Any	3
Venue, Date and Time	4
Feedback Methodology	4
Computation for Attainment of PO, if Audience was Students	4
Photos of event conducted for evidence	4, 5

1. Objectives of Technical Talk:

To main objective of the event is to introduce to the students about Geopolymer Concrete, a Green Concrete without Portland cement as an alternative to conventional cement concrete. The expert lecture aims to highlight the source materials for geopolymer concrete, Alkaline solution, synthesis of geopolymer concrete, curing, its performance in green and hardened state, durability aspects, Applications and a broad comparison of GPC and conventional concrete and the scope for further research in this area. The event also provides an opportunity for research scholars and PG students for interaction with the guest speaker.

1. Relevance to PO:

The following PO's are relevant to the event

a. Engineering Knowledge	PO1
b. Design & Development of solutions	PO3
c. Environment and Sustainability	PO7
d. Communication	PO10
e. Life-long Learning	PO12

2. Audience (Students and Faculty):

3rd, 5th and 8th semester B.E. Students, Research scholars & Faculty of civil engineering department of AITM and all local Engineering Colleges.

3. Budget of the Event (Part of Budget or New): Rs. 6000/-

4. Details of Resource person

Dr. Nirmalakumar P. Rajmane

Founder & Former Head, Centre for Advanced Concrete Research, SRMIST [former SRM University] and Advanced Materials Lab, CSIR-SERC, Chennai

5. Proposal Provided:

Prof. M. V. Kanthi, Associate Professor, Civil Engineering Department had contacted

Dr. Nirmalakumar P. Rajmane regarding the technical talk. The same was communicated and confirmed on telephonic conversation and through social media.

6. Fees of the Event, if Any: No fees.

7. Venue, Date and Time:

Civil Dept. Seminar Hall, AITM, Belagavi. 23/03/2024, 10.00 am to 12.00 noon.

8. Feedback Methodology:

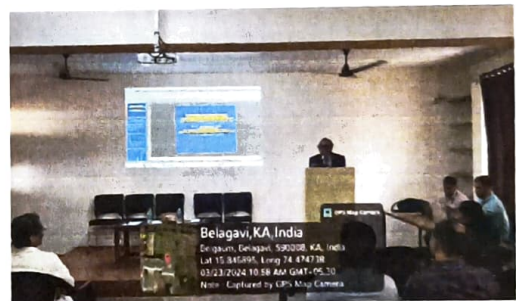
Oral/impromptu Feedback was taken by few participants at the end of the session.

9. Computation for Attainment of PO, if Audience was Students:

The following POs were attained:

- | | |
|-------------------------------------|------|
| • Engineering Knowledge | PO1 |
| • Design & Development of solutions | PO3 |
| • Environment and Sustainability | PO7 |
| • Communication | PO10 |
| • Life-long Learning | PO12 |


10. Photos of event conducted for evidence:




Technical Talk @ Civil Engineering Department, AITM, Belagavi




Coordinator


HOD
Head of the Department Civil Engineering
Angadi Institute of Technology And Management
Savagaon Road, Belagavi-590 009


IQAC


Principal
Principal & Director
Angadi Education Foundation
Angadi Institute of Technology And Management
Savagaon Road, Belagavi-590 009



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DEPARTMENT OF CIVIL ENGINEERING

Technical Talk

On

"Geopolymers-Industrial By-Product Based Eco-Friendly Low Carbon Footprint Binders as
Alternate to Portland Cements and Petroleum Based Organic Resins"

Attendance Sheet

23.03.2024

Sl. No.	Name	College	Signature
1	POORNIMA. M. LENGADE.	KLE ENGG CLG.	Poornima
2	SUPRIYA. KODEKAL		Supriya
3.	PRIYANKA. KALSHILKAR		Priyanka
4.	POOJA. PATIL		Pooja
5	VEDIKA. HOSMANI		Vedika
6	Ankita P Devkar	Jain college of Enng	Ankita
7.	Muskan M Soudagar	SGBIT	Muskan
8.	Salman T Biradar	SGBIT	Salman
9	Akshata L Hyagadi	Jain College of Enng	Akshata
10	Soujanya S. Dragar	KLE ENGG CLG	Soujanya
11	Jyoti Thorat	KLE ENGG CLG	Jyoti
12	Karishma Hubballi	KLE Enng Clg	Karishma
13	Shakeelabano A. Onti	KLE Enng Clg	Shakeela
14	Ashwija A. Mudrabettu	KLE Enng Clg	Ashwija
15	Vinaya. Patil	KLE	Vinaya
16	Prerna V. Jirpjal	Jain college of Enng	Prerna
17	Vijayabani, V. Kadagavi	Jain College of Enng	Vijayabani
18	Soukanya M Talawar	Jain college of Enng	Soukanya
19.	Umesh R. M	Jain college of Enng	Umesh
20	Manjunath S. Timmapur	KLE Enng Clg	Manjunath
21	Bhushappa S. Pujari	KLE Enng Clg	Bhushappa
22	Rakesh K Jadhav	KLE Enng Clg	Rakesh
23	Dohan. M. Rathod	KLE Enng. Clg	Dohan

Sl. No.	Name	College	Signature
24	Sumeer. S. Kumawat	KLE Engg clg	
25	Sahil. M. Somarache	"	
26	Shrikant Angadi	"	
27	Anil Gurjekar	"	
28	Nitesh Vavak	"	
29	Rahul. Bagewadi	Jain college Belagavi	
30	Arinash. Rathod	Jain " "	A.S Rathod
31	Pradeep Bhosale	" " "	
32	SIDDHARTH PONDEKAR	AITM	
33	BRAMKUMAR GHATTO	AITM	
34	Akshay. A. Sutar	AITM	
35	Uday S. Tataganavur	AITM	
36	Basavaraj. G. Talewad	KLE. Engg clg	
37	Supri. B. Kharapur	AITM	
38	Shruti Kamble	AITM	
39	Ashwini Dulao	AITM	
40	Vaishnavi. M. Waddaravai	Jain college of Eng & Research	
41	Savitri. Talewar.	JCER	
42	Ankita. Kambekar	JCER	
43	Bhasati. mangalawadi	AITM	
44	Vandana. Shidnal	AITM	
45	Dhanadhree Tuppat	AITM	
46	Vaidhnavi. Jedhar	AITM	
47	Epitamb Banasode	AITM	
48	Sneha. N. Patil	AITM	S.N Patil
49	Savita S. Mulimani	AITM	
50	Fakerma. Mulla	AITM	
51	Nagaraj. P. Akkollu	JCER	
52	Ganesh S. Juvale	JCER	
53	Adarsh A. Lotthe	JCER	
54	Shivaranyan. S. Patil	AITM	
55	58 D.R. Sujay	AITM	
56	59. Chaitan K Nayak	AITM	



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Department of Civil Engineering

TECHNICAL TALK

on

**"GEOPOLYMERS-INDUSTRIAL BY-PRODUCT BASED ECO-FRIENDLY LOW
CARBON FOOTPRINT BINDERS AS ALTERNATE TO PORTLAND CEMENT S
AND PETROLEUM BASED ORGANIC RESINS"**

Agenda

- | | |
|-------------------------|--|
| Welcome Address | - Mr. G. S. Manjunath, Professor & Head |
| Introduction of Guest | - Mr. M. V. Kanthi, Associate Professor |
| Address by Guest | - Dr. N. P. Rajmane |
| Presentation of Memento | - To Guest by Mr. G. S. Manjunath,
Professor & Head |
| Vote of Thanks | - Mr. Sagar Belgaonkar, Assistant
Professor |