



P R Pote Patil

**College of Engineering &
Management, Amravati**



Department of Civil Engineering

Organizing ISTE Approved
One Week Online Short Term Training Program
on

Recent Trends in Sustainable Development

Date : 6th - 11th June 2022 at 3.00 pm on ZOOM app

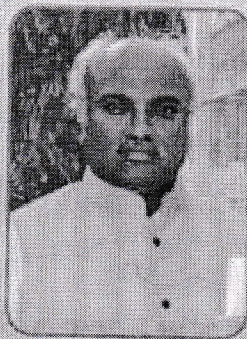
Eminent Speakers



Dr D. H. Lataye

Professor

VNIT Nagpur, Maharashtra



Dr. Y. A. Kolekar

Associate Professor
GCOE Pune, Maharashtra



Dr. Ashwin Raut

Associate Professor
KL University Vijaywada, A



Dr. Kaling Taki



Dr. Ankit Modi



Dr. Rajan Wankhade

Principal
P. R. Pote (Patil) Edu. & Welfare
Group of Institutions
College of Engg. & Management
Kathora Road, AMRAVATI.

Patrons:

Hon'ble Shri. Pravinkumar R. Pote
President, P. R. Pote (Patil) Education &
Welfare Trust's Group of Institutions,
Amravati (M.S.)

Hon'ble Shri Shreyas P. Pote
Vice-President, P. R. Pote (Patil) Education &
Welfare Trust's Group of Institutions, Amravati
(M.S.)

General Chair:

Dr. D. T. Ingole, Principal, PRPCE&M,
Amravati

STTP Convener:

Dr. Mohammad Zuhair Dr.S.S.Saraf

About the Institution

P. R. Pote (Patil) Education & Welfare Trust's Group of Institutions, Amravati is a foremost name in higher Education in Maharashtra. The Group offers UG, PG and doctoral courses in various disciplines of Engineering, Management and Technology. Various courses offered by the Group include BE, ME, Ph.D., MBA, MCA, Polytechnic, B. Arch, B.Ed., B. Pharm., D. Pharm., B.Sc. (Agriculture) and CBSE Schooling. By the blessings of Shri Sant Gajanan Maharaj, we aim at developing a pursuit of knowledge in students, commitment to economic, social & cultural uplifting of masses. The Institute named PRPCE&M highly believes in nurturing ethics and moral values in students. The Institute has dedicated teaching staff, digital classrooms, Wifi campus, finishing school, Placement cell, state-of-art auditorium, well equipped laboratories, and digital library with quality infrastructure.

K.R.Pote (Patil) College of Engg. & Management
Amravati

Our constant Endeavour is to provide gamut of opportunities for our students to make them skilled engineers, top class managers and also good citizens.

About the Department

The Department of Civil Engineering seeks to combine excellence & discipline in technical education. Developing students for intellectual skill & practical experience that enable them to serve a variety of societal needs, nurtured students to become best professional as project manager, structural designer in industry or become entrepreneur in their own innovative way. The department has a team of dynamic and experienced faculties, whose expertise spans the range of discipline in civil engineering stream, specially known for their excellent team coordination and very healthy work culture for our hard working students. The department is well equipped with latest software's and laboratory equipments. The Department of civil engineering believes in building carrier, enriching minds and provides a remarkable experience that lasts a lifetime.

Objectives of the STTP

The main objective of this Short Term Training Programme (STTP) is to provide exposure of sustainable construction material and technology to all the participants. Apart, it is aimed to learn participants to achieving functional & build quality, air quality, and utilization of sludge effectiveness through sustainable construction practice in Civil Engineering. It is expected that participants, will able to carry out life cycle assessment of the project and will able to design the energy efficient building.

P.R.Pote (Patil) Edu. Welfare Trust's
Group of Institution's
College of Engg. & Management
Kathura Road, AMRAVATI



ISTE Approved
Short Term Training
Program (STTP)
On



"Recent Trends In Sustainable Development"

Date: 6th June to 11th June 2022

Organized by

Department of Civil Engineering



P. R. Pote (Patil) Education & Welfare
Trust's Group of Institutions
College of Engineering & Management,
Amravati

(Recognized by AICTE, New Delhi & Affiliated to
SGBAU, Amravati)

Mode of Conduction

- Dr. D.H.Lataye, VNIT, Nagpur.
- Dr. Kaling Taki, IIT, Guwahati.
- Dr. Ankit Modi, IIT , Gandhinagar.
- Dr. Ashwin Raut, KLEFU, Vijaywada, A.P.
- Dr.R.L.Wankhade, GCOE, Nagpur

Vision of the Institution

- Air quality before, during and after COVID-19
- Sustainable Utilization of Sewage Sludge
-
- Achieving Functional and Build quality through Sustainable Construction Practices
- Silent Features and Amendments in IS 1893 and IS 13920-2016

Mission of the Institution

The Registration is free for all participants. E-Certificate will be issued to participants who will be attending all the sessions including quiz and feedback.

For Registration: Click Below Link

<https://forms.gle/cpiDfZWmzW7vZLaUA>

Mode of Conduction

Online Using Zoom Apps

Vision and Mission of the Institution

Vision of the Institution

“To flourish as a centre of excellence for producing the skilled technocrats and committed human beings”

Mission of the Institution

- To create conducive environment for teaching & learning.
- To impart quality education through demanding academic programs.
- To enhance career opportunities by exposure to Industries & recent technologies.
- To develop professionals with strong ethics and human values for the betterment of Society.

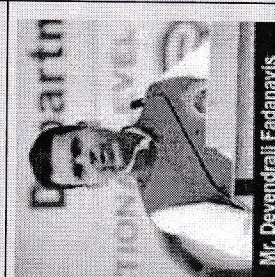
For any queries please contact

Dr. S.S.Saraf ,
HOD Civil Engineering Department
Mob. No. 9822565805
Email:sachinsaraf2014@gmail.com

Mr. A.K.Chiikeshwar ,
Assistant Professor
Mob. No.9021409523
Email:anupkchitkeshv

H.O.D. (Civil Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.

Eminent Personality visited and guided



Date: 13/05/2022

To,
The Principal,
P.R. Pote Patil CoE&M,
Amravati

Subject:- Regarding the permission for Conduction of One Week Online STTP at Department of Civil Engineering.

Respected Sir,

With reference to the above subject, we, the Department of Civil Engineering is going to organized Self financed ISTE approved online One Week STTP on the topic "Recent Trends in sustainable development" on dated 06 June 2022 to 11 June 2022.

So, here I am requesting to kindly give the permission to organize One Week STTP in the Department of Civil Engineering.

Thanking You

Yours Sincerely

H.O.D. (Civil Dept.)

P.R. Pote (Patil) College of Engg. & Management
Amravati.

Principal
P.R. Pote (Patil) Coll. & Welfare Trust
Group of Institutions
College of Engg. & Management
Kathora Road, AMRAVATI

H.O.D. (Civil Dept.)
P.R. Pote (Patil) College of Engg. & Management
Amravati.



"Shri Gajanan Maharaj Prasanna"

**P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
College of Engineering & Management, Amravati**

Institute Code : 1107

(Recognized by AICTE, New Delhi, Approved by Govt. of Maharashtra & Affiliated to SGBAU, Amravati)




- Kathora Road, Amravati, Maharashtra, India
- Ph. No. : +91-721-2970110, Fax No. : +91-721-2530089, Email : prpotepatilcollege@gmail.com
- Web. : www.prpcem.org, www.prpatilcollege.org

Date: 01/06/2022


CIRCULAR

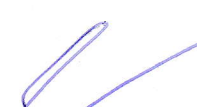
All the faculty members are here by informed that a AICTE-ISTE approved online one week STTP is being conducted on the Topic "Resent Dreads in Sustainable development", from 6th to 11th June, 2022 organized by department of Civil Engineering.


PRINCIPAL
P. R. Pote (Patil)
College of Engineering & Management
Amravati.

Copy To

1. All HODs
2. Notice Board
3. CSE
4. CIVIL
5. ELECTRICAL
6. EXTC
7. MECHANICAL
8. FIRST YEAR


Principal
P. R. Pote (Patil) Edu. & Welfare Trust
Group of Institution's
College of Engg. & Management
Kathora Road, AMRAVATI.


H.O.D. (Civil Dept.)
P.R.Pote (Patil) College of Engg. & Management
Amravati.



भारतीय तकनीकी शिक्षा संस्था INDIAN SOCIETY FOR TECHNICAL EDUCATION

(Under the Societies' Registration Act XXI of 1860)

Prof. Vaidya Vijay Dattatray
Executive Secretary

ISTE/Proceedings/Online STTP-SF-MAH-19/2022-23

May 19, 2022

Proceedings of Executive Secretary, ISTE

Sub. : Sanction to conduct full time Short-term Training Programme on Self-financing basis for the financial year 2022-2023.

Sanction is hereby accorded to the following institution for the conduct of the Online/SF-STTP/FDP programme indicated below:

Name of Institution	:	P.R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engg. & Mgt. Amravati – 444 602	
Topic	:	Recent Trends in Sustainable Development	
Name & Address of Coordinators	:	Dr. Md. Zuhair Associate Prof.	Dr. Sachin S. Saraf Asst. Prof.
Duration	:	One Week (Minimum 05 Working Days)	
Proposed dates	:	06-06-2022 to 11-06-2022	

Terms and Conditions

The institution offering the Programmes should be approved by AICTE and must be Institutional Member of ISTE. Institutions having ISTE Faculty Chapter and Students Chapter shall be preferred. There will be no financial commitment on the part of ISTE on account of this programme. The fee of one **proposal is Rs. 1180/- (Incl. 18% GST)** paid by DD in favour of ISTE New Delhi along with proposal or by NEFT/RTGS in the following ISTE Account **(Name of Account: ISTE Membership Fee, Account No: 6707247614 Bank: Indian Bank IFSC Code: IDIB000M089 Branch: Mehrauli Road New Delhi)**.

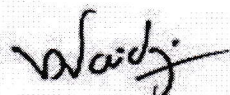
- 1 This will be a online program of the duration of 1 week/2 weeks/4 weeks.
- 2 The registration fee of the participants may be fixed by the host institution.
- 3 ISTE Life membership is necessary for participants to attend SF programmes. However, If any participant is not having life membership he/she may take the membership of ISTE before the starting of the course and apply by paying the fee to the course coordinator at the spot before the commencement of the programme. The Life Membership fee is Rs. 3540/- (Incl. 18% GST) to be paid by DD in favour of ISTE New Delhi or by NEFT/RTGS as per above Account details.

--/-2

Shaheed Jeet Singh Marg, Near Katwaria Saria, New Dehli – 110 016
Phone: 91-11 26513542, 26963431, 26514234, Fax: 91-11 26852421, E mail: istedhq@isteonline.org Website: www.isteonline.in

Principal
P. R. Pote (Patil) Edu. & Welfare Trust.

- 4 The final report as mentioned in these guidelines is to be submitted online to ISTE within 15 days after completion of the Programme.
- 5 The institute should ensure that the Resource Persons should be well known personalities having thorough knowledge and he/she should be from an Institute or Industry.
- 6 **Since it is an Online program, e-Certificate to ISTE Life Members will be issued by ISTE from this office. Operational and processing fee of Rs. 100 +18% GST (Total Rs. 118/-) will be charged per participant. Institute conducting the program will collect the fee from participants and will send it to ISTE by DD or NEFT/RTGS with list of participants with their ISTE Life Membership Number. Institute conducting on line program will not issue Certificates with ISTE logo to Participants. Course coordinator is requested to ensure the same and attach payment proof or UTR number.**
- 7 **At least one test at the end is to be conducted to judge the performance of participants. Institute can conduct more test, if they desire. Attendance and successful completion of Test conducted is mandatory to receive certification by ISTE. Co Ordinator should ensure this while submitting list of participants to ISTE.**
- 8 **The Digital e-certificates to eligible participants will be sent by ISTE Delhi through organizing Institute.** The certificate contains the ISTE logo at the top . The digitally signed e-certificates will bear the Signatures of Executive Secretary, ISTE.
- 9 Above terms and conditions are applicable to Online Programs only.



Executive Secretary


To,

Dr. D.T. Ingole
Principal
P.R. Pote (Patil) Education & Welfare Trust's Group of
Institutions College of Engineering and Management
Amravati - 444 602
Maharashtra State

Copy to:

Dr. Mohammad Zuhair
Coordinator
P.R. Pote (Patil) Education & Welfare Trust's Group of
Institutions College of Engineering and Management
Amravati - 444 602
Maharashtra State


P.R. Pote (Patil) Education & Welfare Trust's
Group of Institutions
College of Engg. & Management
Amravati


H.O.D. (Civil Dept.)
P.R. Pote (Patil) College of Engg. & Management
Amravati

Guidelines to be followed for Online Programme

Immediately after approval from ISTE

- Link of FDP program brochure or template.
- Link of registration for faculties.
- Details of the program, day-wise
- List of Resource persons
- Topic and the outcome expected post the event

Before one of the session:-

- Response sheet of participants received for considering total number of participant.

From Day 1 to till end every day before and after session (day)

- Link of invitation of every session with password for joining.
- Attendance in respective online tools of attendee in screen shot or other format.
- Output response/ any test conducted every day or end of the FDP.
- Final results
- Response sheet of feedback of attendees on last day

Post the conduct of the event, the institute will submit the **outcomes achieved from the program.**

SHARE A GOOGLE DRIVE LINK with ISTE IN WHICH INSTITUTE WILL UPDATE THE THINGS ON DAILY BASIS.



Principal

P.R. Pote (Patil) Edu. & Welfare Trust's
Group of Institution's
College of Engg. & Management
Kathora Road, AMRAVATI.



H.O.D. (Civil Dept.)

P.R. Pote (Patil) College of Engg. & Management

INDIAN SOCIETY FOR TECHNICAL EDUCATION



FOUNDED 1968

SHORT-TERM TRAINING PROGRAMMES (STTPS)

PROFORMA FOR SENDING PROPOSALS (For Chapters of Indian Society for Technical Education)

Note : Before filling up the Proforma, please read carefully the rules and conditions
(To be filled in by Coordinator)

1.	Name and Address of Host Institution with Pin code	Address: P.R. Pote (Patil) Education & Welfare Trust's Group of Institutions College of Engg. & Management, Amravati, Maharashtra State	
		Pin Code :444602 Phone:0721-2530342 Fax :072102530341 Email:prpotepatilcollege@gmail.com	
2.	Title of the Programme (This should convey the content & main thrust of the programme) (in Capital Letters, please)	Online STTP on "Recent Trends in Sustainable Development"	
3.	The Programme is intended for (Tick one only)	<input checked="" type="checkbox"/> Teachers <input type="checkbox"/> Working Professionals <input type="checkbox"/> Others (specify)	
4.	Name, Designation and Address of the Course Coordinator(s) (One Coordinator preferred. More than two not permissible)	1. Dr. Mohammad Zuhair , Associate Professor, Department of Civil Engineering, P.R. Pote Patil College of Engg. & Mgmt., Amravati	2. Dr. Sachin S.Saraf , Assistant Professor, Department of Civil Engineering, P.R. Pote Patil College of Engg. & Mgmt., Amravati
-	Telephone, Mobile & Email of the Coordinator(s)	+919823962311 zuhairgcoe@gmail.com	+919822565805 Sachinsaraf2014@gmail.com
-	Highest Qualification of Coordinator(s)	Ph.D. Structural Engg. (Civil Engineering)	Ph.D. Geotechnical Engg. (Civil Engineering)
-	Area of Specialisation	Concrete Technology	Geotechnical Engineering

-	Teaching Experience (years)	14 Years	13 Years
-	Industry Experience (years)	02 Years	05 Years
-	Number of papers published	16	11
-	Number of Short-Term Courses of Summer/Winter Schools attended	07	10
-	Number of Short-Term Courses of Summer/Winter Schools conducted earlier	--	01
5.	Specialization area for which the proposal is made (tick one only)	<input checked="" type="checkbox"/> Civil <input type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input type="checkbox"/> Electronics <input type="checkbox"/> Computer Science <input type="checkbox"/> Pharmacy <input type="checkbox"/> Architecture <input type="checkbox"/> Management <input type="checkbox"/> Hotel Management	<input type="checkbox"/> Basic Sciences (Specify subject) <input type="checkbox"/> Interdisciplinary (Specify areas covered) <input type="checkbox"/> Others (specify)
6.	The course is basically (Tick one only)	<input type="checkbox"/> Subject updating course <input checked="" type="checkbox"/> Special course on Emerging areas <input type="checkbox"/> Pedagogy <input type="checkbox"/> Other (Specify)	
7.	Whether the proposal covers any of the categories indicated (Tick one only)	<input type="checkbox"/> Industry-based programmes with substantial involvement of industry and its experts <input type="checkbox"/> Education Technology/Methodology of teaching <input type="checkbox"/> Training for technical supporting staff <input checked="" type="checkbox"/> Emerging Area <input type="checkbox"/> Others (specify)	
8.	Duration of the programme (Tick one only)	<input checked="" type="checkbox"/> One week (minimum 5 working days) <input type="checkbox"/> Two weeks (minimum 10 working days) <input type="checkbox"/> Three weeks (minimum 15 working days) <input type="checkbox"/> Four weeks (minimum 20 working days)	

9.	Proposed dates for the Programme (specify dates) which may be changed later, if required	From 06/06/2022 To 11/06/2022 Note : It is advisable to commence programme on MONDAY	
10	Do you have enough expertise within your institute and neighbouring places to offer the course satisfactorily? If NO, list the names and addresses of outside faculty needed. At least one faculty from IITs or NIITs	<input type="checkbox"/> Yes 1. Dr. Mohammad Zuhair PRPCEM, Amt. 2. Dr. S.S. Saraf PRPCEM, Amt.	<input type="checkbox"/> No Faculty from other institutes 1. Dr. Ashwini Mirojkar Associate Professor, VNIT Nagpur 2. Dr. Ankit Modi, Pursuing Post Doc. Assistant Professor IIT Gandhinagar 3. Dr. Kaling Taki Assistant Professor. IIT Guwahati 4. Dr. D.H. Lataye Professor, VNIT Nagpur 5. Dr. Vishwakarma Associate Professor, NIT Jaipur 6. Dr. M.B. Latkar Associate Professor, VNIT, Nagpur

COURSE DETAILS

1.	Significance & Objectives of the programme (list one or two major objectives)	<ul style="list-style-type: none">To get familiar with the knowledge of sustainable infrastructural development.To learn about the latest material, software's, tools and techniques available for sustainable development.To enrich the theory and technical skills to keep pace with changing scenarios.															
2.	Course Content/Coverage (List 5 to 8 major topics with proposed duration of coverage in hours for each topic)	<table><thead><tr><th>Topic</th><th>Duration</th></tr></thead><tbody><tr><td>1. Geotechnical Challenges in Infrastructure Development</td><td>3 Hrs.</td></tr><tr><td>2. Nature Based Solution for waste water treatment</td><td>3 Hrs.</td></tr><tr><td>3. Impact Assessment of Climate Change on River Basin using Remote Sensing and GIS</td><td>3 Hrs</td></tr><tr><td>4. Sustainable Water Management</td><td>3 Hrs</td></tr><tr><td>5. Road Surface Monitoring system using Remote Sensing Technique</td><td>3 Hrs</td></tr><tr><td>6. Construction of Flexible and Rigid</td><td>3 Hrs</td></tr></tbody></table>	Topic	Duration	1. Geotechnical Challenges in Infrastructure Development	3 Hrs.	2. Nature Based Solution for waste water treatment	3 Hrs.	3. Impact Assessment of Climate Change on River Basin using Remote Sensing and GIS	3 Hrs	4. Sustainable Water Management	3 Hrs	5. Road Surface Monitoring system using Remote Sensing Technique	3 Hrs	6. Construction of Flexible and Rigid	3 Hrs	
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5. Road Surface Monitoring system using Remote Sensing Technique	3 Hrs																
6. Construction of Flexible and Rigid	3 Hrs																



3.	Course Schedule	Total working days = 6 days Lecture = 18 hrs. Laboratory/Practical = hrs. Industrial/Field Visits = hrs. Others (specify) = hrs. Total hours engaged = 18 hrs.
4.	Details of special equipment or laboratory facilities available for the course	Online Zoom Platform
5.	Collaboration with industry/ other institutions/ departments (indicate name of organization, nature of collaboration and experts involved)

6.	Details of Course Faculty (List details of faculty)			
Sl. No.	Name & Designation	Institute	Highest Qualification	Field of Interest/specialisation
1	Dr. D.H. Lataye	VNIT Nagpur	Ph.D.	Air Pollution
2	Dr. Ashwini Mirojkar	VNIT Nagpur	Ph.D.	Revervoir Operation
3	Dr. Kaling Taki	IIT Guwahati	Ph.D.	Environmental Sustainability
4	Dr. Vishwakarma	NIT Jaipur	Ph.D.	Sustainable Pavement Design
5	Dr.M.B. Latkar	VNIT Nagpur	Ph.D.	Sustainable materials is construction
6	Dr. Ankit Modi	IIT Guwahati	Ph.D.	River Sustainability
7	Dr. Mohammad Zuhair	PRPCEM Amt.	Ph.D.	Self Compacting Concrete
8	Dr. S.S. Saraf	PRPCEM Amt.	Ph.D.	Multiple Footings on Reinforced Sand


7.	Audio visual facilities available. (Tick relevant ones)	<input checked="" type="checkbox"/> Over Head Projector <input checked="" type="checkbox"/> Slide Projector <input type="checkbox"/> 16/35 mm film Projector <input checked="" type="checkbox"/> Video System <input type="checkbox"/> Others (specify)
8.	ISTE Institutional Membership No. of your Institute	ISTE-IM-2426
9.	Does your institution have an ISTE Chapter (a) If no, will it make minimum 25 members of ISTE	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No


I certify that the details given above are correct to the best of my knowledge and belief and I will organize the programme satisfactorily if approved. I also promise that I will abide by the terms and conditions contained in the ISTE Proceedings and submit the Final Report with Processing and operational expense to ISTE within 15 days after completion of the Programme.


Place : Amravati
Date : 13/05/2022



 Signature of Coordinator with Name
 (Dr. Mohammad Zuhair) (Dr.S.S. Saraf)

I agree to provide all necessary assistance and facilities of the institute for the conduct of the above programme.


 Place : Amravati
 Date : 13/05/2022
**P.R. Pote (Patil) Edu. & Welfare Tr.
 Group of Institution's
 College of Engg. & Management
 Kathora Road, AMRAVATI**


 Signature of Principal with Name
 (Dr. D.T. Ingole)
 Principal
 P. R. Pote (Patil)
 College of Engineering & Management
 Amravati.


**H.O.D. (Civil Dept.)
 P.R. Pote (Patil) College of Engg. & Management
 Amravati.**





**P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
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Institute Code : 1107


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- Web. : www.prpcem.org, www.prpatilcollege.org


Report of Title:


1	Title of Workshop	"Recent Trends In Sustainable Development"
2	Date of Workshop	From: 06/06/2022 To 11/06/2022
3	Venue of Workshop	Online Using Zoom App
4	Resource Person	Refer next page
5	Target of Students	130
6	Number of Students/Participants	85
7	Schedule of Program	Refer next page
8	Topics Covered	Refer next page
9	Mode Assessment	Question and answering
10	Outcome of workshop/FDP/Seminar /webinar	Participants aware with the Recent Trends In Sustainable Development


Principal
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H.O.D. (Civil Dept.)
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Amravati.

Sr.No.	TOPIC	Date	Name of Resource Person
1	Use of Geophysical Methods for Sustainable Development	06/06/2022 Monday (Day-01)	Dr. Y.A. Kolekar, Associate Professor GCoE. Pune
2	Air Quality before, during and after COVID-19	07/06/2022 Tuesday (Day-02)	Dr. D.H. Lataye, Professor, VNIT Nagpur
3	Achieving Functional and Build Quality through Sustainable Construction Practices	08/06/2022 Wednesday (Day-03)	Dr. Ashwin Raut Associate Professor KL University, Vijaywada
4	Salient Features and Amendments in IS 1893 and IS 13920-2016	09/06/2022 Thursday (Day-04)	Dr. R.L. Wankhede Assistant Professor GCoE. Nagpur
5	River Conservation Synchronised Development	10/06/2022 Friday (Day-05)	Dr. Ankit Modi Research Associate IIT Gandhinagar
6	Sustainable utilization of sewage sludge	11/06/2022 Saturday (Day-06)	Dr. Kaling Taki Assistant Professor IIT Guwahati


Principal
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P.R. Pote (Patil) College of Engg. & Management
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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref. PRPCO.EM/CE/38/2022

Date : 03/06/2022

To,

Dr. Ankit Modi,

Research Associate,

IIT Gandhinagar

Subject: Requesting permission for deliver an expert lecture on dated 10/06/2022 in ISTE approved One Week Online STTP.

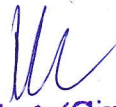
Respected Sir,


This gives us great pleasure to inform you that P. R. Pote Patil college of Engineering & Management, Amravati is organizing **ISTE approved Online STTP** on "Recent trends in Sustainable development" from 6th June to 11th June 2022.

The STTP consists of various experts lecture to be held during these six days. It will be a great honour for us if you can take some time out from your busy schedule to deliver an Expert lecture on dated **10th June 2022 at 3 PM** related to the above mentioned topic. So through this letter we are pleased to invite you for the expert lecture.

Looking forward to your presence.

Thanking You.


H.O.D. (Civil Dept.)
P.R. Pote (Patil) College of Engg. & Management
Amravati.


P. R. Pote (Patil) Edu. & Welfare Trust
Group of Institution's
College of Engg. & Management


H.O.D. (Civil Dept.)

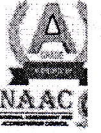


"Shri Gajanan Maharaj Prasanna"

**P. R. Pote Patil Edu. & Welf. Trust's, Group of Institutions,
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- Kathora Road, Amravati, Maharashtra, India
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- Web. : www.prpcem.org, www.prpatilcollege.org

Ref. PRPCOEM/CE/3612022

Date : 03/06/2022

To,

Dr. Ashwin Raut,

Associate Professor,

KL University, Vijaywada

Subject: Requesting permission for deliver an expert lecture on dated 08/06/2022 in ISTE approved One Week Online STTP.

Respected Sir,

This gives us great pleasure to inform you that P. R. Pote Patil college of Engineering & Management, Amravati is organizing **ISTE approved Online STTP on "Recent trends in Sustainable development"** from 6th June to 11th June 2022.

The STTP consists of various experts lecture to be held during these six days. It will be a great honour for us if you can take some time out from your busy schedule to deliver an Expert lecture on dated **8th June 2022 at 3 PM** related to the above mentioned topic. So through this letter we are pleased to invite you for the expert lecture.

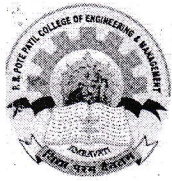
Looking forward to your presence.

Thanking You.

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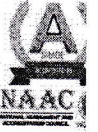


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Ref. PRPCOEM/CE/35/2022

Date : 03/06/2022

To,

Dr. D.H. Lataye,

Professor,

VNIT, Nagpur

Subject: Requesting permission for deliver an expert lecture on dated 07/06/2022 in ISTE approved One Week Online STTP.


Respected Sir,

This gives us great pleasure to inform you that P. R. Pote Patil college of Engineering & Management, Amravati is organizing **ISTE approved Online STTP** on "Recent trends in Sustainable development" from 6th June to 11th June 2022.


The STTP consists of various experts lecture to be held during these six days. It will be a great honour for us if you can take some time out from your busy schedule to deliver an Expert lecture on dated **7th June 2022 at 3 PM** related to the above mentioned topic. So through this letter we are pleased to invite you for the expert lecture.

Looking forward to your presence.

Thanking You.


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Ref. PRPCOEM/CE/37/2022

Date : 03/06/2022

To,

Dr. R.L. Wankhede,
Assistant Professor,
G.C.O.E., Nagpur

Subject: Requesting permission for deliver an expert lecture on dated 09/06/2022 in ISTE approved One Week Online STTP.

Respected Sir,

This gives us great pleasure to inform you that P. R. Pote Patil college of Engineering & Management, Amravati is organizing ISTE approved Online STTP on "Recent trends in Sustainable development" from 6th June to 11th June 2022.

The STTP consists of various experts lecture to be held during these six days. It will be a great honour for us if you can take some time out from your busy schedule to deliver an Expert lecture on dated 9th June 2022 at 3 PM related to the above mentioned topic. So through this letter we are pleased to invite you for the expert lecture.

Looking forward to your presence.

Thanking You.

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Ref. PRPCEM/CE/39/2022

Date : 03/06/2022

To,

Dr. Kaling Taki,

Assistant Professor,

IIT Guwahati

Subject: Requesting permission for deliver an expert lecture on dated 11/06/2022 in ISTE approved One Week Online STTP.

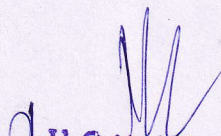
Respected Sir,


This gives us great pleasure to inform you that P. R. Pote Patil college of Engineering & Management, Amravati is organizing **ISTE approved Online STTP on "Recent trends in Sustainable development"** from 6th June to 11th June 2022.

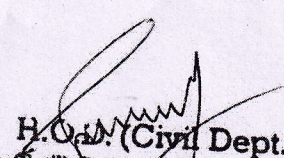
The STTP consists of various experts lecture to be held during these six days. It will be a great honour for us if you can take some time out from your busy schedule to deliver an Expert lecture on dated **11th June 2022 at 3 PM** related to the above mentioned topic. So through this letter we are pleased to invite you for the expert lecture.

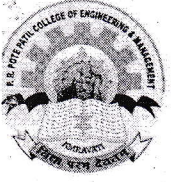
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Ref. PRPCOEM/CE/34/2022

Date : 03/06/2022

To,

Dr. Y.A. Kolekar,

Associate Professor,

G.C.O.E, Pune

Subject: Requesting permission for deliver an expert lecture on dated 06/06/2022 in ISTE approved One Week Online STTP.


Respected Sir,


This gives us great pleasure to inform you that P. R. Pote Patil college of Engineering & Management, Amravati is organizing ISTE approved Online STTP on "Recent trends in Sustainable development" from 6th June to 11th June 2022.


The STTP consists of various experts lecture to be held during these six days. It will be a great honour for us if you can take some time out from your busy schedule to deliver an Expert lecture on dated 6th June 2022 at 3 PM related to the above mentioned topic. So through this letter we are pleased to invite you for the expert lecture.

Looking forward to your presence.

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A
Report On
“Recent Trends in Sustainable Development”




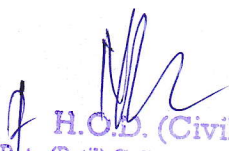
Objective:

- To provide exposure of sustainable construction material and technology
- To learn participants to achieving functional & build quality, air quality, and utilization of sludge effectiveness through sustainable construction practice in Civil Engineering.

Outcome:

- Participants aware with the Recent Trends In Sustainable Development
- Participants aware with the different methods in Sustainable Development


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**ISTE Approved Self Sponsored STTP On
"RECENT TRENDS IN SUSTAINABLE
DEVELOPMENT"**

6th June -11th June 2022

P. R. Pote (Patil) Education & Welfare Trust's
College of Engineering & Management, Amravati

The Short-Term Training Program on "Recent Trends In Sustainable Development" had been successfully organized by Civil Engineering Department, of P.R.Pote (Patil) Education & Welfare Trust's College of Engineering & Management, Amravati from 6th June-11th June 2022. The self-sponsored One-week course had been organized for the following reasons,

- The world is progressing day by day, and we are getting more and more modernized every day which demands a lot of changes from some previous conventional techniques that were followed.
- Rapid changes in working life, society and information technology have increased the demands for experts in every field. Today the need for expert professionals is raising day by day who are expected to have good knowledge, excellent social and communication skills and who are able to utilize their skills in a positive way in life.
- As a result, The Department of Civil Engineering, P.R. Pote Patil College of Engineering & Management, Amravati has organized ISTE approved online STTP on "**Recent Trends In Sustainable Development**" during period dated 6th to 11th June 2022 to enhance the practical knowledge, to collect the knowledge about structural health, collect the large amount information at home itself which is very beneficial.
- The main objective of this Short Term Training Programme (STTP) is to provide exposure of sustainable construction material and technology to all the participants. . Apart, it is aimed to learn participants to achieving functional & build quality, air quality, and utilization of sludge effectiveness through sustainable construction practice in Civil Engineering.
- It is expected that participants, will able to carry out life cycle assessment of the project and will able to design the energy efficient Structure.

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**ISTE Approved Self Sponsored STTP On
"RECENT TRENDS IN SUSTAINABLE
DEVELOPMENT"**

6th June -11th June 2022

P. R. Pote (Patil) Education & Welfare Trust's
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**P. R. Pote (Patil) College of Engineering & Management, Amravati
ISTE Sponsored**

**Online STTP on "Recent Trends In Sustainable Development"
(From: 06/06/2022 To 11/06/2022)**

Program Conduction Schedule

Time: 3.00 PM

Sr.No.	TOPIC	Date	Name of Resource Person
1	Use of Geophysical Methods for Sustainable Development	06/06/2022 Monday (Day-01)	Dr. Y.A. Kolekar, Associate Professor GCoE. Pune
2	Air Quality before, during and after COVID-19	07/06/2022 Tuesday (Day-02)	Dr. D.H. Lataye, Professor, VNIT Nagpur
3	Achieving Functional and Build Quality through Sustainable Construction Practices	08/06/2022 Wednesday (Day-03)	Dr. Ashwin Raut Associate Professor KL University, Vijaywada
4	Salient Features and Amendments in IS 1893 and IS 13920-2016	09/06/2022 Thursday (Day-04)	Dr. R.L. Wankhede Assistant Professor GCoE. Nagpur
5	River Conservation Synchronised Development	10/06/2022 Friday (Day-05)	Dr. Ankit Modi Research Associate IIT Gandhinagar
6	Sustainable utilization of sewage sludge	11/06/2022 Saturday (Day-06)	Dr. Kaling Taki Assistant Professor IIT Guwahati


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**ISTE Approved Self Sponsored STTP On
"RECENT TRENDS IN SUSTAINABLE
DEVELOPMENT"**

6th June -11th June 2022

P. R. Pote (Patil) Education & Welfare Trust's
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**Online STTP on "Recent Trends In Sustainable Development"
(From: 06/06/2022 To 11/06/2022)**

Day Wise Links

Day 01 - Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For: ISTE approved STTP on Recent Trends In Sustainable Development

Day 01: Resource Person

Dr. Y.A. Kolekar, Associate Professor, GCoE. Pune

Topic: Use of Geophysical Methods for Sustainable Development

Date: 6th June, 2022

Time: 5:00 PM

Join Zoom Meeting

<https://us06web.zoom.us/j/81161180895?pwd=eEs4Mk10QkRCMU5zTnozdkc2UEw0UT09>

Meeting ID: 811 6118 0895

Passcode: 825695

Day 02 - Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For: ISTE approved STTP on Recent Trends In Sustainable Development

Day 02: Resource Person

Dr. D. H. Lataye, Professor, VNIT, Nagpur

Topic: Air Quality before, during and after COVID-19

Date: 7th June, 2022

Time: 3:00 PM

Join Zoom Meeting

<https://us06web.zoom.us/j/81161180895?pwd=eEs4Mk10QkRCMU5zTnozdkc2UEw0UT09>

Meeting ID: 811 6118 0895

Passcode: 825695

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DEVELOPMENT"**

6th June -11th June 2022

**P. R. Pote (Patil) Education & Welfare Trust's
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Day 03 -Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For: ISTE approved STTP on Recent Trends In Sustainable Development

Day 03: Resource Person

Dr. Ashwin Raut, Associate Professor , KL University, Vijaywada

Topic: Achieving Functional and Build Quality through Sustainable Construction Practices

Date: 8th June, 2022

Time: 3:00 PM

Join Zoom Meeting

<https://us06web.zoom.us/j/81161180895?pwd=eEs4Mk10QkRCMU5zTnozdkc2UEw0UT09>

Meeting ID: 811 6118 0895

Passcode: 825695

Day 04 - Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For: ISTE approved STTP on Recent Trends In Sustainable Development

Day 04: Resource Person

Dr. R.L. Wankhede , Assistant Professor, GCoE. Nagpur

Topic: Salient Features and Amendments in IS 1893 and IS 13920-2016

Date: 9th June, 2022

Time: 3:00 PM

Join Zoom Meeting

<https://us06web.zoom.us/j/81161180895?pwd=eEs4Mk10QkRCMU5zTnozdkc2UEw0UT09>

Meeting ID: 811 6118 0895

Passcode: 825695

(Signature)
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6th June -11th June 2022

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Day 5 - Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For: ISTE approved STTP on Recent Trends In Sustainable Development

Day 5: Resource Person

Dr. Ankit Modi , Research Associate , IIT Gandhinagar

Topic: River Conservation Synchronised Development

Date: 10th June, 2022

Time: 3:00 PM

Join Zoom Meeting

<https://us06web.zoom.us/j/81161180895?pwd=eEs4Mk10QkRCMU5zTnozdkc2UEw0UT09>

Meeting ID: 811 6118 0895

Passcode: 825695

Day 6 - Link

P. R. Pote Patil Group Amravati is inviting you to a scheduled Zoom meeting.

For: ISTE approved STTP on Recent Trends In Sustainable Development

Day 6: Resource Person

Dr. Kaling Taki , Assistant Professor, IIT Guwahati

Topic: Sustainable utilization of sewage sludge

Date: 11th June, 2022


Time: 3:00 PM

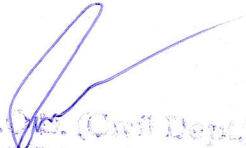
Join Zoom Meeting

<https://us06web.zoom.us/j/81161180895?pwd=eEs4Mk10QkRCMU5zTnozdkc2UEw0UT09>

Meeting ID: 811 6118 0895

Passcode: 825695


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**ISTE Approved Self Sponsored STTP On
"RECENT TRENDS IN SUSTAINABLE
DEVELOPMENT"**

6th June -11th June 2022

P. R. Pote (Patil) Education & Welfare Trust's
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Program Details

Day 1

Session I : Inaugural function

Inaugural function of the STTP was conducted on 6th June 2022 at 03.00 pm by the hands of Dr. D.T.Ingle, Principal, PRPCE & M, Amravati. & Dr. Mohammad Zuhair, Vice-Principal, PRPCE & M, Amravati. All faculties were present on this occasion.

The ceremony started with a welcome of chief guest. Later chief guest officially inaugurated the program with keynote. STTP Convener Dr. Mohammad Zuhair, Vice-Principal, PRPCE & M, Amravati explained the necessity of arranging the STTP and its features.

Webinar 1 : Use of Geophysical Methods for Sustainable Development

This session was delivered by Dr. Y.A. Kolekar, Associate Professor, Dept. of Civil engg. GCOE Pune. He explained the The advantage of a geophysical survey is that it enables information to be obtained for large volumes of ground that cannot be investigated by direct methods because of the costs involved. Dr. Y.A. Kolekar also explained the Geophysical methods provide accurate data about the structure of the subsurface - valuable information in the field of engineering.

Webinar 2 : Air Quality before, during and after COVID-19

This session was conducted by Dr. D.H. Lataye, Professor, VNIT Nagpur. He explained the quality of air before ,during and after the COVID-19. He also elaborated steps in Evaluation from COVID-19.

Webinar 3 : Achieving Functional and Build Quality through Sustainable Construction Practices

This session was conducted by Dr. Ashwin Raut Associate Professor KL University, Vijaywada He explained the Sustainable construction means using renewable and recyclable materials when building new structures, as well as reducing energy consumption and waste. The primary goal of sustainable construction is to reduce the industry's impact on the environment.

Webinar 4 : Salient Features and Amendments in IS 1893 and IS 13920-2016

This session was conducted by Dr. R.L. Wankhede, Assistant Professor, GCoE. Nagpur. He explained the various Salient Features and Amendments in IS 1893 and IS 13920-2016.

Webinar 5 : River Conservation Synchronised Development

Dr. Ankit Modi, Research Associate, IIT Gandhinagar, has Enlighten on Namami Gange is one of the largest, holistic and successful river conservation programs in the country which is laying down a model framework for river rejuvenation.

Webinar 6: Sustainable utilization of sewage sludge

This session was conducted by Dr. Kaling Taki, Assistant Professor IIT Guwahati. He explained the prevention of waste landfilling, efficient use of resources and energy, as well as re-use waste and by-product, Sewage sludge—residue from Waste Water Treatment Plant (WWTP)

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Online STTP on "Recent Trends In Sustainable Development"

(From: 06/06/2022 To 11/06/2022)

MCQ Questions for the STTP (Quiz)

Q. 1) Any adulterated elements leak into the ground, filtration, and are carried into groundwater reservoir is known as

- A) Land Contamination
- B) Noise Pollution
- C) Water Pollution**
- D) Air pollution

Q. 2) The deposition of water-soluble salts on the surface of masonry or concrete is called as

- Spalling
- efflorescence**
- crazing
- laitance

Q 3) A majority of the structural cracks occur as a result of the following conditions:

- Design deficiency
- Settlement or heaving of soil
- Corrosion in reinforcement
- all of these**

Q 4) The Rehabilitation of structures may be required due to several reasons. Choose the correct reason.

- Tensile effects
- Environmental effects**
- Compressive effects
- None of the above

Q. 5) Which type of inspection is more intensive involving examination of structural elements?

- Reverse inspection
- General inspection
- Major inspection**
- Minor inspection

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Q. 6) It is the process of restoring structure in good condition that is damaged or deteriorate or broken

Repairs

Rehabilitate

Tensioning

None of the above

Q. 7) An ultrasonic pulse velocity test is an

Ex-situ, nondestructive test

In-situ, nondestructive test

Ex-situ, destructive test

In-situ, destructive test

Q. 8) The strength and quality of concrete is assessed by measuring the ____ of an ultrasonic pulse

Length

Velocity

Weight

Surface Tension

Q. 9) The repair and rehabilitation of damaged or spalled concrete is done by removing the

Loose concrete

Collapsing

Breakage

Bonding

Q.10) Which among the following is not a type of Non-destructive testing?

Ultrasonic testing

Visual testing

Rebound Hammer Test

Creep Test

Q11) The pachometer used to locate

Steel Reinforcement

Concrete

Clear cover

None of the above

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Q.12) The corrosion of reinforcement due to extreme exposure is common for structure located in _____

Dry conditions
Costal zones
Regional zones
Hot condition

Q 13) In restoration of strength by adding external reinforced concrete the damages concrete is first repaired by,

Preload
Tensile load
Compressive load
Overload

Q. 14) In one week STTP the resource person Dr.S.N.Khante sir delivered lecture on

Seismic Retrofitting
Structural Health Monitoring using EMI Technique
Rehabilitation of Foundation-A Geotechnical Approach
Importance of building cracks

Q. 15) The process of restoring or increasing section of an existing member by enclosing it in new concrete is called

Overlay
grouting
guniting
jacketing

Q. 16) Shotcrete is used in application of

Soil stabilization
water proofing
stabilization of rock slopes
none

Q. 17) A design review indicated that the reinforcements at the cracked locations were _____

Adequate
Inadequate
Collapse
none of the above

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Q. 18) On basis of width fine cracks have the size

< 1mm

1-2mm

> 2mm

None

Q. 19) For testing mass concrete in roads, air-field pavements and hydraulic structures, the approximate impact value required for rebound hammer

10

20

30

40

Q. 20) The inheritability of concrete to heal cracks within itself is called

Carbonation

passivation

autogenous healing

none

Principal

**P. R. Pote (Patil) Edu. & Welfare Trust's
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College of Engg. & Management
Kathora Road, AMRAVATI**

H.O.D. (Civil Dept.)

**P. R. Pote (Patil) College of Engg. & Management
Amravati.**



**ISTE Approved Self Sponsored STTP On
"RECENT TRENDS IN SUSTAINABLE
DEVELOPMENT"**

6th June -11th June 2022

P. R. Pote (Patil) Education & Welfare Trust's
College of Engineering & Management, Amravati

Participants Quiz Result & Feedback Details

Sr.No	Name of Participants	Quiz Score Out of 20	Result
1	Chetan Sureshrao Bidwaik	16	PASS
2	Manish Sudhakar Rao Deshmukh	18	PASS
3	Anup Krushnarao Chitkeshwar	17	PASS
4	Dr. Sachin S Saraf	19	PASS
5	Mark Jeffrey V. Magnaye	20	PASS
6	Dr Jayant Damodar Supe	16	PASS
7	Prathap M G		PASS
8	Mohd Abdul Rehman Mohd Niyazuddin	18	PASS
9	Dr. Vishvanath Kanthe	18	PASS
10	Jhe-ann Mae E. Matamis	19	PASS
11	Mohammad Asim	16	PASS
12	Nikhil Arun Gadge	14	PASS
13	Sagar Charkha	16	PASS
14	Sheetal. Biradar	20	PASS
15	Prof Amar S Deshmukh	19	PASS
16	Oliver Paul Nayagam J	17	PASS
17	Pallavi Amit Padalkar	16	PASS
18	Piyush V. Kolhe	15	PASS
19	Atika Anand Ingole	14	PASS
20	MC BALAMUNI	19	PASS
21	Kalidhas.M	18	PASS
22	Shriprasad Vitthal Bankar	20	PASS
23	Jitendra Kumar Pradhan	19	PASS
24	Dr.S.Sivakumar	20	PASS
25	RAMESH S	18	PASS
26	pallerla yamini	18	PASS
27	Nhelsy Mae A. Munda	16	PASS
28	ADARSH KUMAR IPPILI	20	PASS
29	Chetan R Bhole	16	PASS
30	Paul Dhainne Carlo D. Fajalla	18	PASS
31	SARANG M DHAWADE	16	PASS
32	Prof. Varsha Sachin Bere	10	PASS
33	Manjushree Vishwasrao Gaikwad	16	PASS
34	Ma. Glanica M. Manalaysay	18	PASS
35	A CHANDRASEKAR	16	PASS
36	A. K. M. THOHIDUL ALAM KHAN	16	PASS
37	AKSHATA	18	PASS
38	Komal avinash kalbande	18	PASS
39	Shreyas	16	PASS
40	Akshay Vijayrao Deshmukh	16	PASS

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41	SIBI R	18	PASS
42	M.P.Revathi	16	PASS
43	Dr.Sudarsan J S	20	PASS
44	Regalado, Joland Afu	16	PASS
45	Jyoti Chhagan Bhong	19	PASS
46	Jyoti Chhagan Bhong	16	PASS
47	Snehal Balkrishna Walke	18	PASS
48	Mr shubham Eknath chandgude	17	PASS
49	Poonamrani Takalki	19	PASS
50	Vidyashri Deshmukh	20	PASS
51	Smita G Jagannath	16	PASS
52	Dr.N.GURUMOORTHY		PASS
53	Preeti Arakeri	18	PASS
54	Pallavi A. Bokey	18	PASS
55	POOJA	19	PASS
56	Sunil Vasant Chikurde	16	PASS
57	Mary Jo A. Berdan	14	PASS
58	Darish Feye M. Trinidad	16	PASS
59	MAYUR ARVIND JIRAPURE	20	PASS
60	Vijaya Adhao	19	PASS
61	THENNAVAN M	17	PASS
62	Leonard Roldan	16	PASS
63	Bharati Sunil Shete	15	PASS
64	Saksheshwari	14	PASS
65	Ranjeet Yadavrao Kale	19	PASS
66	Sanket Vasant Sabale	18	PASS
67	Swetha	20	PASS
68	Triveni	19	PASS
69	Harshwardhan Nistane	20	PASS
70	Megha vastrad	18	PASS
71	Dhruv B. Trivedi	18	PASS
72	Vaishali Nareshkumar Mahavar	16	PASS
73	Ratnakala313@gmail.com	20	PASS
74	Rushikesh Yennawar	16	PASS
75	Bernard Oruabena	18	PASS
76	Yogesh Janardhan Barokar	16	PASS
77	Marshall Philindo C. Gavan	10	PASS
78	Dr. P. MUTHU PANDIAN	16	PASS
79	Shaikh Mohd Siddiq Mohd Iqbal	18	PASS
80	Ashutosh Shaligram Pawar	16	PASS
81	Tejashri Gulve	16	PASS
82	Mamta sangolgi	18	PASS
83	Ashutosh Shaligram Pawar	18	PASS
84	Ms. Ankita Vishwas Kamire	16	PASS
85	Vrushali Vasantrao Nalawade	16	PASS

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P. R. Pote (Patil) College of Engineering & Management (PRPCEM), Amravati
Department of Civil Engineering

STTP on Recent Trends In Sustainable Development
Academic Year 2021-22

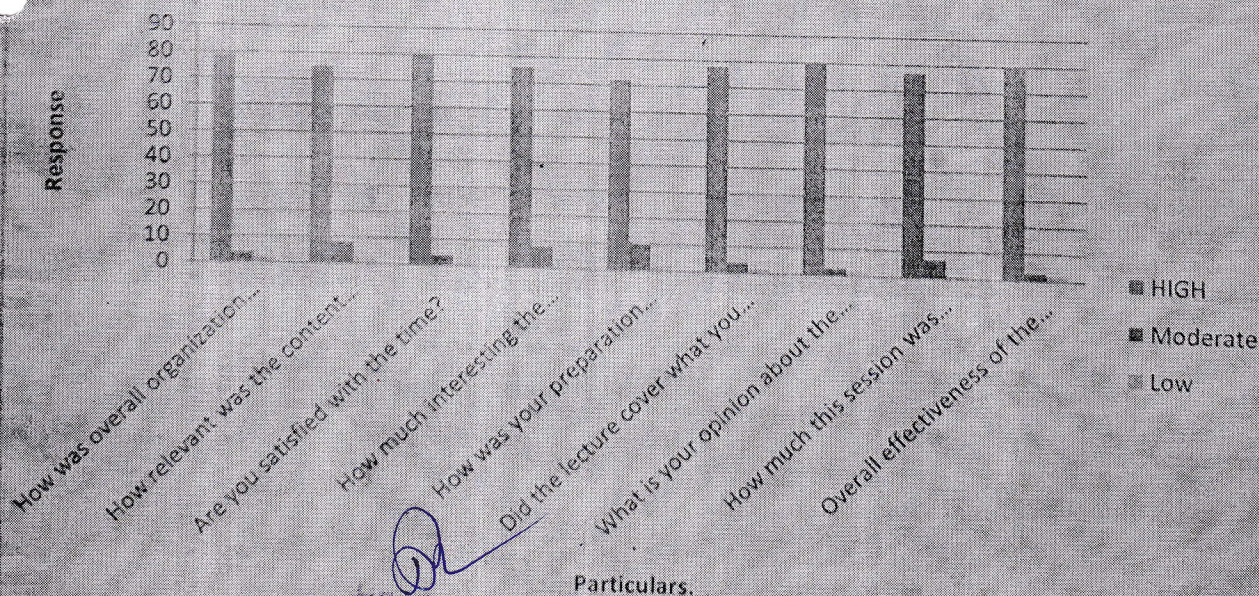
No. of Students:

85

Sr. No	Particular	Excellent (5 marks)	Very Good (3 Marks)	Good (2 Marks)	Poor (1 Marks)	% Feedback
1	How was overall organization of lecture?	79	4	2	0	96.71
2	How relevant was the content deliver by the speaker?	75	8	2	0	94.82
3	Are you satisfied with the time?	80	4	1	0	97.41
4	How much interesting the session was for you?	76	8	1	0	95.53
5	How was your preparation about the topic before the guest lecture?	72	10	2	1	92.94
6	Did the lecture cover what you were expecting?	78	4	2	1	95.76
7	What is your opinion about the speaker?	80	3	2	0	97.18
8	How much this session was useful from the knowledge and information point of view?	77	7	1	0	96.00
9	Overall effectiveness of the lecture.	80	3	2	0	97.18

Feedback Analysis

Students Response



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College of Engineering & Management



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COLLEGE OF ENGINEERING & MANAGEMENT, AMRAVATI**



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Gadge Baba Amravati University, Amravati (M.S.)

CERTIFICATE

This is to certify that, Prof/Dr. Suhas Vasantrao Pawar of P. R. Pote Patil College of Engg and
Management Amravati has attended a One Week Online Short-Term Training Programme on
RECENT TRENDS IN SUSTAINABLE DEVELOPMENT" approved by Indian Society for
Technical Education (ISTE), during 06/06/2022 to 11/06/2022. Organised by Department of Civil
Engineering at P. R. Pote (Patil) College of Engineering & Management, Amravati.

Dr. Mohd. Zuhair
Programme Convenor

Dr. S. S. Saraf
Programme Convenor

Dr. D. T. Ingole
Principal

Principal
P. R. Pote (Patil) Edu. & Welfare Trust's
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H. G. D. (Saraf Dept.)
R. Pote (Patil) College of Engg. & Management
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CERTIFICATE

This is to certify that, Prof/Dr. Dr. Mohammad Zuhair of P. R. Pote Patil College of Engg and
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