#### **Chief Patrons**

Shri. Prakash Ji Mehta Hon. President (Vishwatmak Jangli Maharaj Trust)

Shri. Umesh Ji Jadhav Hon. Executive President (Vishwatmak Jangli Maharaj Trust)

#### Patron

Dr. Manojkumar Prabhakar Chavan (Principal, VOGCE, Aghai)

#### **Organising Committee**

Dr. Archana Nivendra Mahajan (HOD, Dept. of Civil Engg., VOGCE)

Miss. Samriddhi Shelavale (Asst. Professor, Dept. of Civil Engg., VOGCE)

Mr. Pramod Hanumant Yadav (Asst. Professor, Dept. of Civil Engg., VOGCE)

Mr. Dattatray Pati (Asst. Professor, Dept. of Civil Engg., VOGCE)

Mr. Mayur Mohan Suryavanshi (Asst. Professor, Dept. of Civil Engg., VOGCE)

#### **Contact Details**

Prof. Samriddhi Shelavale (+91-88798 52225) Prof. Dattatray Patil (+91-9637860389)

Mail ID: vogcedeptcv2019@gmail.com

#### **REGISTRATION FORM**

Five Days Add On Course

"Application of AI in Civil Engineering"

1st to 5th January 2019

Name:	customic and color maying a
Decignation:	
Qualification:	TO A PROPERTY OF THE PROPERTY OF
Specialization:	
Organization:	
Department/Branch:	12. <b>1.</b> 3 6. 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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Accommodation required	Yes/No
Place:	
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Signature of Candidate	Signature of Authority





Vishwatmak Om Gurudev College of Engineering

[Affiliated to MSBTE, Mumbai, Approved by AICTE, New Delhi & DTE M. S.]

Mohili, Post: Aghai, Via Kalyan, Dist: Thane, 421601

Department of Civil Engineering

**Organizes** 

Five Days Add On

Course
ON

"Application of AI in
Civil Engineering"

Under [Internal Quality Assurance Cell]

From

1st to 5th January 2019

#### **About Trust**

Vishwatmak Jangali Maharaj Ashram which located at Kokamthan near Shirdi, is a very powerful place for Meditation. Ashram was being founded by SADGURU ATMA MALIK. Everyone from all over the world is heartily invited here! VJMAT has started Educational Institutions since 1995 and year it is crossing new mile stones. We have about 11,000 students in 14 schools and colleges with faculty of 500 plus. These schools and colleges are located in Maharashtra, Gujrat and Karnataka.

#### **Our Philosophy**

The only truth in the universe is 'Atma' (the Divine Soul, the Self, Universal Energy, Consciousness or God). That's the only reality; everything else is transitory and perishable. Innumerable changes happen within nature, but Atma always remains constant, it neither has a beginning, nor an end. It is immortal.

Atma existed before any concept of God, so it is important to love and worship it. Contemplation and meditation on Atma even for a moment, can take us toward the experience that we and Atma are One (Self-realization) worshiping Atma is Worshiping all Gods.

Atma is present in all of us, residing in our heart, The easiest and most effective way to attain Atma is to medicate in the Self. Do not look for the Self outside but medicate within to realize God. Atma is formless and without any physical properties. It is easier to see Atma with a form. This manifestation in a form is One, who is always absorbed in Atma. Constant meditation on this form in our heart will lead to Self-realization.

Atma is omnipotent,omnipresent,omniscient.It Does not belong to any particular country, Wroldview or religion. Any human begin can attain Self-realization by meditating upon Atma. Jesus Christ, the Buddha, Prophet Mohammed, Shri Krishna, Lord Mahavir, Guru Nanak, Prophet Zarathustra and other saints throughout history, all attained Self-realization because they meditated on Atma constantly and became One with Atma.

#### **Our Inspiration**

Every child has unique abilities. At Atma Malik Institute of Technology and Research, we nurture these unique abilities. We believe that education is not limited to the theories of books; it is beyond the pages of books that there's immense knowledge. One must tap into the full self potential to acquire this knowledge. And looking inwards is the best ways to do it.

At Atma Malik Institute of Technology and Research, we focus on student's holistic growth. Under the able guidance of our Guru Atma Malik Gurudev, we provide our students, a stimulating environment, enabling their young minds to think in constructive manner, giving their curiosities, a positive direction.

We are inspired by the philosophy of creating generation that has stronger and calmer minds, are progressive and operate from the values of compassion, mutual respect and trust. In this pursuit, we adopt quite a disciplined and unique methodology to mould our students. Yoga, Meditation, Sports and Cultural Programs are the integral part of the syllabus at our school which provides our students with enough opportunities of holistic growth.

#### **About Civil Engineering Department**

Department of Civil Engineering was established in the year 2011. Within a short span, it has achieved the lead in many areas of Academics, Cultural, and Sports etc. Civil Engineering is the most Versatile and Core branch of Engineering.

Increasing Competition and Complex Technological Breakthrough has widened the scope of Civil Engineering Branch.

Current innovative and rapidly growing construction industry imposes a huge demand for Civil Engineers. Considering this perspective, Civil Engineering department aims to mould the students into excellent engineering professionals by exposing them to different aspects of Civil Engineering such as hydraulics, environmental engineering, structures, water resources engineering and soil engineering.

#### Course Objectives

AI-enabled tools and software can help designers to automatically extract and analyze the data needed for design (such as material properties, energy data, environmental characteristics, etc.). Artificial intelligence can also be used to strengthen processes based on Building Information Modeling (BIM) methodology.

#### **Course Contents**

- Construction of building using AI
- Map building using AI
- Material management using AI
- Optimizations in design using AI
- Maintenance using AI
- \* Risk Control using AI

#### **Eminent Speaker**

Mr. Vijay Muthekar (PCCOE, Pune)

#### Who should attend

- Faculty from Engineering, Polytechnic, Architecture Institutions.
- Delegates from Industry and R&D organisations working in the field.
- UG, PG students and Research Scholars.

#### Accommodation

Accommodation will be charged separately. The tariff and other information shall be communicated to the participants applying for accommodation.

#### How to apply

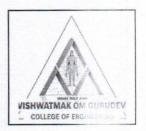
Interested participants should send by speed post/courier the filled registration form and cheque/DD to the following address:

Organiser CED
Vishwatmak Om Gurudev College of
Engineering
Mohili, Post: Aghai, Dist: Thane, 421601

#### **Registration Fee**

Cheque/DD should be drawn in favour of "Vishwatmak Om Gurudev College of Engineering" payable at Thane.





#### vishwatmak om gurudev college of engineering

[Affiliated to MSBTE, Mumbai, Approved by AICTE, New Delhi & DTE M. S.]
At: Mohili, Post: Aghai, Via Kalyan, Dist: Thane, 421301

# Department of Civil Engineering ADD on Course on "Application of AI in Civil Engineering" Course Syllabus

Sr.No.	Content					
1	Construction of building using AI					
2	Map building using AI					
3	Material management using AI					
4 4	Quality Management using AI					
5	Optimizations in design using AI					
- 76.75	Maintenance using AI					
	Risk Control using AI					



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02-	03-2021	02-04-2021		02-	05-2021
Session-I	Session-II	Session-I	Session-II	Session-I	Session-II
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
P	P	P	P	P	P
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#### !! SABKA MALIK ATMA !!

#### Vishwatmak Jangali maharaj Ashram Trust

#### VISHWATMAK OM GURUDEV COLLEGE OF ENGINEERING

#### Department Of Civil Engineering

#### Attendence Sheet

e of Programm	ne Add on our	PERMIN TO	entionting.	of AT In	Civil Engineering	
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Sr.	Name Of Student	02-	01-2021	02-	02-2021	02-	-03-2021	02-	04-2021	02-	05-2021
No		Session-I	Session-II								
1	AMBEKAR HARSHAL NIVRUTTI	P	P	P	P	P	P	P	P	P	P
2	BAGALE LALIT ARUN	P	P	P	P	P	P	P	P	P	P
3	FARDE VINOD DINESH	P	P	P	P	P	P	P	P	P	P
4	GHARAT NIKHIL RAVINDRA	P	P	P	P	P	P	P	P	P	P
5	GAIKAR SHUBHAM ARUN	P	P	P	P	P	P	P	P	P	P
6	BANGAR PAYAL UMESH	P	P	P	P	P	P	P	P	P	P
7	GUJARE SHUBHAM YASHWANT	P	P	P	P	P	P	P	P	P	P
8	GITE JITESH BHAGWAN	A	P	P	P	A	P	A	P	A	A
9	BHOIR SHUBHAM ARUN	P	P	P	P	P	P	P	P	P	P
10	DESALE JAGRUTI JAYRAM	P	P	P	P	P	P	P	P	P	P
11	JADHAV PRABHAT BHARAT	P	P	P	P	P	P	P	P	P	P
12	GHARAT MONALI SITARAM	P	P	P	P	P	P	P	P	P	P
13	KAMBLE SANKET SIDDHARTH	P	P	P	P	P	P	P	P	P	P
14	KALE AMRUTA BHAGUJI	P	P	P	P	P	P	P	P	P	P
15	BHERE NIKHIL RAMCHANDRA	P	P	P	P	P	P	P	P	P	P
16	KIRPAN MANOJ BALKRISHANA	P	P	P	P	P	P	P	P	P	P
17	KASHIWALE SANCHITA SANTOSH	A	P	P	P	A	P	A	P	A	A
18	KISHOR BHAGWAN THOMBRE	P	P	P	P	P	P	P	P	P	P
19	KATHOLE DAKSHATA SUNIL	P	P	P	P	P	P	P	P	P	P
20	BHOIR PRASHANT NARAYAN	P	P	P	P	P	P	P	P	Р	P
21	KOR HITESH NARESH	P	P	P	P	P	P	P	P	P	P
22	GHARAT BHUSHAN RAGHUNATH	P	P	P	P	P	P	P	P	P	P
23	MOKASHI SHUBHAM SHAYAM	P	P	P	P	P	P	P	P	P	P
24	BHOIR RAKESH SHIVRAM	P	P	P	P	P	P	P	P	P	P
25	MORE POURNIMA	P	P	P	P	P	P	P	P	P	P
26	LAKUDZODE PRASHANT BAPURAV	P	P	P	P	P	P	P	P	P	P
27	BHOIR SHILPA DASHRATH	P	P	P	P	P	P	P	P	P	P
28	AKRE MITANSHU	A	P	P	P	A	P	A	P	A //	om Garage
29	NARENDRA VISHWAS TARMALE	P	P	P	P	P	P	P	P	P/ 2	P
30	YADAV AKSHAY RAJNARAYAN	P	P	P	P	P	P	P	P	P/S	Po.

#### !! SABKA MALIK ATMA !!

Vishwatmak Jangali maharaj Ashram Trust

VISHWATMAK DAY GURUDEV COLLEGE OF ENGINEERING

#### Department Of Civil Engineering

Attendence Sheet

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Sr. Name Of Student	02-	01-2021	02-	-02-2021	02-	03-2021	02-	04-2021	02-	05-2021
No.	Session-I	Session-II	Session-I	Session-II	Session-I	Session-II	Session-I	Session-II	Session-I	Session-II
31 SONAWANE PRASAD ARUN	P	P	P	P	P	P	P	P	P	P
32 PATOLE ROHINI	P	P	P	P	P	P	P	P	P	P
33 SAWANT BHAVESH JAYENDRA	A	A	A	P	A	A	A	A	P	A
34 PATIL BHAVIKA RAM	P	P	P	P	P	P	P	P	P	P
35 RATHOD RAJESH	A	P	P	P	A	P	A	P	A	A
36 WAGH BHAVESH RAMDAS	P	P	P	P	P	P	P	P	P	P
37 PATIL APEKSHA NAU	P	P	P	P	P	P	P	P	P	P
38 PATIL JITESH BALU	A	P	P	P	A	P	A	P	A	A
39 WAGH PRATHAMESH	P	P	P	P	P	P	P	P	P	P
40 VISHE DEVIDAS KESHAV	P	P	P	P	P	P	P	P	P	P
41 PATEL LAVKUSH	P	P	P	P	P	P	P	P	P	P
42 PATIL SHRADDHA KISAN	P	P	P	P	P	P	P	P	P	P
43 SHELAR PRANALI SANTOSH	P	P	P	P	P	P	P	P	P	P
44 TARMALE SACHIN JANARDAN	A	P	P	P	A	P	A	P	A	A
45 PATIL LAVINA MANGESH	P	P	P	P	P	P	P	P	P	P
46 PATIL TANVI UDAY	P	P	P	P	P	P	P	P	P	P
47 SURASHE AMOL UTTAM	P	P	P	P	P	P	P	P	P	P
48 PADVI NEELIMA SUNIL	P	P	P	P	P	P	P	P	P	P
49 PATIL KEWAL MANOHAR	P	P	P	P	P	P	P	P	P	P
50 PANDIT SANDEEP SUBHASH	P	P	P	P	P	P	P	P	P	P
51 SHELAVALE VISHAL RAMESH	P	P	P	P	P	P	P	P	P	P
52 PATIL RAKESH KAILAS	A	A	A	P	A	A	A	A	P	A
53 PATIL CHANDAN PRALHAD	P	P	P	P	P	P	P	P	P	P
54 PATIL JITESH BALU	P	P	P	P	P	P	P	P	P	P
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## Vishwatmak Om Gurudev College of Engineering

At: Mohili, Post: Aghai, Via Kalyan, Dist: Thane, 421301

Department of Civil Engineering

#### Feedback Form

Date:05/01/1019

Program Title: Application of AI incivil Engineering
Name of the student: Shelar Pranali Uday

1	01 011			<u> </u>		
Sr. No.	Marking Scheme	5-Excellent	4- Very Good	3- Good	2- Satisfactory	1-Poor
1	Rate the Usefullness of Course					
2	Relevancy of course content		~			
3	Subject Knowledge of instructor	~				
4	Presentation Skill of Instructor	~				
5	Outcome of	~				





### Vishwatmak Om Gurudev College of Engineering

At: Mohili, Post: Aghai, Via Kalyan, Dist: Thane, 421301

Department of Civil Engineering

#### Feedback Form

Date: 05/01/2019

Program Title: Application of AI incivil Engineering

Name of the student: AKre Mitanshu.

Sr. No.	Marking Scheme	5-Excellent	4- Very Good	3- Good	2- Satisfactory	1-Poor
1	Rate the Usefullness of Course		L			
2	Relevancy of course content	L	L			
3	Subject Knowledge of instructor			L		
4	Presentation Skill of Instructor		V			
5	Outcome of program	V				



Anitowha Signature of student



## Vishwatmak Om Gurudev College of Engineering

At: Mohili, Post: Aghai, Via Kalyan, Dist: Thane, 421301 Department of Civil Engineering

#### Feedback Form

Date: OS III) to

Program Title: Application OF AI in civil Engg.

Name of the student: Kov Hitch Novesh

Sr. No.	Marking Scheme	5-Excellent	4- Very Good	3- Good	2- Satisfactory	1-Poor
1	Rate the Usefuliness of Course					
2	Relevancy of course content					
3	Subject Knowledge of instructor					
4	Presentation Skill of Instructor					
5	Outcome of program					





### Vishwatmak Om Gurudev College of Engineering

At: Mohili, Post: Aghai, Via Kalyan, Dist: Thane, 421301 Department of Civil Engineering

#### Feedback Form

Date: 05 | 11 | 19

Program Title: Application of Alincivil Engg.
Name of the student: Kor Hitesh Novesh

Sr. No.	Marking Scheme	5-Excellent	4- Very Good	3- Good	2- Satisfactory	1-Poor
1	Rate the Usefullness of Course					
2	Relevancy of course content					
3	Subject Knowledge of instructor					
4	Presentation Skill of Instructor					
5	Outcome of program					





## Vishwatmak Om Gurudev College of Engineering

At: Mohili, Post: Aghai, Via Kalyan, Dist: Thane, 421301

Department of Civil Engineering

#### Feedback Form

Date: 05/01/2019

Program Title: ppp lication of AI in Civil Engineering
Name of the student: Crhosat Bhushan Raghunath

Sr. No.	Marking Scheme	5-Excellent	4- Very Good	3- Good	2- Satisfactory	1-Poor
1	Rate the Usefullness of Course	/				
2	Relevancy of course content	/				
3	Subject Knowledge of instructor					
4	Presentation Skill of Instructor	/				
5	Outcome of program		/			





### Vishwatmak Om Gurudev College of Engineering

At: Mohili, Post: Aghai, Via Kalyan, Dist: Thane, 421301

Department of Civil Engineering

#### Feedback Form

Date: 05/01/2019

Program Title: Application of A-I in civil Engineering.

Name of the student: Shelar Swapnil Jagannath

Sr. No.	Marking Scheme	5-Excellent	4- Very Good	3- Good	2- Satisfactory	1-Poor
1	Rate the Usefullness of Course		4			
2	Relevancy of course content			3		
3	Subject Knowledge of instructor	5				
4	Presentation Skill of Instructor	5				
5	Outcome of program		4			





### Vishwatmak Om Gurudev College of Engineering

At: Mohili, Post: Aghai, Via Kalyan, Dist: Thane, 421301 Department of Civil Engineering

#### Feedback Form

Date: 05/01/2019

Program Title: Application and As in Civil Traincesing
Name of the student: Jadar Akshay Raynarayan

Sr. No.	Marking Scheme	5-Excellent	4- Very Good	3- Good	2- Satisfactory	1-Poor
1	Rate the Usefullness of Course					
2	Relevancy of course content	_				
3	Subject Knowledge of instructor		~			
4	Presentation Skill of Instructor	~				
5	Outcome of program					





### Vishwatmak Om Gurudev College of Engineering

At: Mohili, Post: Aghai, Via Kalyan, Dist: Thane, 421301

Department of Civil Engineering

#### Feedback Form

Date: 05/01/2019

Program Title: Application of A. I in civil Engineering.

Name of the student: Shelovale vishal Ramesh

Sr. No.	Marking Scheme	5-Excellent	4- Very Good	3- Good	2- Satisfactory	1-Poor
1	Rate the Usefullness of Course		L			
2	Relevancy of course content			~		
3	Subject Knowledge of instructor		V			
4	Presentation Skill of Instructor			~		
5	Outcome of program	V				

Signature of student

vishal



## !! Sabka Malik Atma !! Vishwatmak Jangli Maharaj Ashram Trust's Vishwatmak Om Gurudev College Of Engineering Department of Civil Engineering

Name of Activity

ADD ON Course on "Application of AI in Civil Engineering"

Date of activity

1st Jan 2019- 5th Jan 2019

Name and contact details of

Mr. Vijay Muthekar

Resource Person

(PCCOE, Pune)

Name of Faculty coordinator

Prof. Samriddhi Shelavale

Activity Objectives

AI-enabled tools and software can help designers to automatically extract and analyze the data needed for design (such as material properties, energy data, environmental characteristics, etc.). Artificial intelligence can also be used to strengthen processes based on Building Information Modeling (BIM) methodology.

Activity Outcomes

Student will able to design of various civil

engineering structures thoroughly with the use of

AI

Activity Details (with photos)

Detailed report of Add-on programme.



## !! Sabka Malik Atma !! Vishwatmak Jangli Maharaj Ashram Trust's Vishwatmak Om Gurudev College Of Engineering Department of Civil Engineering

#### REPORT ON ADD on Course on

" Application of AI in Civil Engineering"

#### Description / Report on Event:

The session was started with the introduction of resource person Mr. Vijay Muthekar, Prof. Dattatray Patil gave introduction about the resource person and the short description about topic.

The expert speaker started the session with the introduction to Artificial Intelligence. He has explained all the concepts related to AI with practical examples and his team had worked hard in all five days. All the students of SE, TE and BE has took the advantages of this Add-on Programme and discussed the doubts with resource person, Mr. Vijay Muthekar and team in all five days, they solved all the doubts of students with practical application.

This programme was ended with valedictory function.

#### Photographs:



"ADD on Course on Application of AI in Civil Engineering"





### ALMA MALIA INSTITUTE OF

## TECHNOLOGY & RESEARCH (DEGREE-DIPLOMA)

## CERTIFICATE

THIS TO CERTIFY THAT MR./MRS. JADHAV PRABHAT BHARAT	OF
CIVIL ENGINEERING BRANCH, ACADEMIC YEAR	2018-19
HAS SUCCESSFULLY COMPLETED THE ADD ON COURSE	
ENTITLED APPLICATION OF AI IN CIVIL ENGINEERING	, ORGANIZED
BY <u>CIVIL ENGINEERING DEPARTMENT</u> FROM <u>01/01/2019</u>	To 05/01/2019

PROGRAM COORDINATOR

HOD



## TECHNOLOGY & DECEMBOU

## TECHNOLOGY & RESEARCH (DEGREE-DIPLOMA)

## CERTIFICATE

THIS TO CERTIFY THAT MR./MRS. GHARAT MONALIS	OF OF
CIVIL ENGINEERING BRANCH. ACADEMI	CYEAR 2018-19
HAS SUCCESSFULLY COMPLETED THE ADD ON COURSE	
ENTITLED APPLICATION OF AI IN CIVIL ENGINEE	ERING , ORGANIZED
BY CIVIL ENGINEERING DEPARTMENT FROM 01/	01/2019 TO 05/01/2019

PROGRAM COORDINATOR

HOD /



### ATMA MALIK INSTITUTE OF

## TECHNOLOGY & RESEARCH (DEGREE-DIPLOMA)

## CERTIFICATE

THIS TO CERTIFY THAT MR./MRS. KAMBLE SANKET SIDDHART	THOF
CIVIL ENGINEERING BRANCH. ACADEMIC YEAR	2018-19
HAS SUCCESSFULLY COMPLETED THE ADD ON COURSE	
ENTITLED APPLICATION OF AI IN CIVIL ENGINEERING	, ORGANIZED
BY CIVIL ENGINEERING DEPARTMENT FROM 01/01/2019	05/01/2019

PROGRAM COORDINATOR Aroni-

HŌD

ATMA MALIK INSTITUTE

## TECHNOLOGY & RESEARCH (DEGREE-DIPLOMA)

RIMENSLIK USTITUTE OF

## CERTIFICATE

THIS TO CERTIFY THAT MR./MRS. KALE AMRUTA BHAGUJI	_ OF
CIVIL ENGINEERING BRANCH. ACADEMIC YEAR 2018-19	
HAS SUCCESSFULLY COMPLETED THE ADD ON COURSE	
ENTITLED APPLICATION OF AI IN CIVIL ENGINEERING ORGA	NIZED
BY CIVIL ENGINEERING DEPARTMENT FROM 01/01/2019 TO 05/01/	

PROGRAM

COORDINATOR

ΉÕD