

# **NATIONAL INSTITUTE OF SECURITIES MARKETS**

An Educational Initiative of SEBI

# Certificate of Participation

This is to certify that

# PIYUSH S BAMANE

has completed four weeks of Intensive Summer Internship at National

Institute of Securities Markets from 6th June, 2019 to 3rd July, 2019 at

NISM Campus, Patalganga.

Staden

Mr. Sunil Jayawant Kadam

Registrar National Institute of Securities Markets

Place: Patalganga, Raigad

Date of issue of Certificate: July 3, 2019

7. Herno

Dr. M. Thenmozhi

National Institute of Securities Markets







## Infinite Graphix Technologies Pvt Ltd.

#### Certificate

The academic	committee of	Infinite	Graphix	Technologies	certify	that
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Mr/Ms	PRAJWAI	L REVANNATH JA	<b>ХҮВНАҮ</b>	
has Successfully comp	oleted the course in	REVIT A	ARCHITECTUR	E
IX BORNELS BURNE		30DA	YS	duration
on this the	day of	26MAY	with gra	adeA+
from SHIVAJINA	GAR. PUNE center	and is thus aware	ded the certifica	te issued
under our Seat on	27 JUN		Sorma SanArmy	

Telrhone Head Of Department

CLASSIFICATIO	N OF GR	ADE
antago Of Marks	Crados	-

Percentage Of Marks	Grades	Remarks
80% and above	A+	Excellent
70% up to 79%	Α	Very Good
60% up to 69%	B+	Good
50% up to 59%	В	Fair

Because Competence is a Combination of Knowledge, Skill and Attitude.

Bamose Managing Director



Regd. No. PWD/49, Z.P./510

Licence Engineer MPL No. 029

Structural Engineer 0 16

Valluer, Chartered Engineer

Engineer & Contractor



#### Er. Dnyaneshwar P. Patil

B.E. Civil (M.L.E.)

Off. 230, D wing, G. F., New B.J. Market, JALGAON, Mob.: 9422278910, 9765121375

Resi. 3/54-B, Suraksha Nagar, JALGAON

e-mail: dppatil111@gmail.com

Ref. No.:

Date: 31 /07/2019

#### Internship Certificate

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that, Ms. Saloni Gopal Wagh, student of Government Polytechnic, Jalgaon, has undergone internship for duration of 2 months from 1/06/2019 to 31/07/2019 during 10am to 5pm, at our project Tejashree Construction (Residential Apartment G+4) near Gujral Petrol Pump, Jalgaon. She has majorly involved in Construction activities of RCC, BBM, Masonry etc.

She has taken keen interest in understanding the Construction process. We hope that the practical knowledge she has gained during the internship, will help her to understand the subjects better.

We wish her all the best for further studies and career.

Er. Dnyaneshwar P Patil

Dnyaneshwar P.Patil, B.E. (Civil)
Jalgaon City Municipal Corporation
Licence Engineer L.No.063
3/54-B, Surksha Nagar, Jalgaon
Mob. 94222 78910



#### This is to Certify that

ASHIM KOUL

has successfully completed an online course of 30 hours in

#### Digital Marketing

from

Globsyn Business School Online

— a global platform for digital learning, powered by

Globsyn Business School

**Issued on:** 29/05/2020

**Certificate No.:** GBSO-001-2020-13933



RAHUL DASGUPTA Director Globsyn Business School





#### CERTIFICATE OF INTERNSHIP

This certificate is presented to

Miss. Utkarsha M. Barabde

of College of Engineering, Pune in appreciation for successfully completing internship in Pradhan Mantri Gram Sadak Yojana / Mukhya Mantri Gram Sadak Yojana , PUNE during 16th May'19 to 20th June'19.

Mr.R.Y.Patíl

Executive Engineer PMGSY/MMGSY, Pune



This is to certify that **Utkarsha Barabde** successfully completed 2.5 total hours of **GIS**: **Understand the Theory and Practice GIS in QGIS** online course on May 25, 2020





Certificate no: UC-42943a42-ef7c-41b2-80cd-37e830cd4c88
Certificate url: ude.my/UC-42943a42-ef7c-41b2-80cd-37e830cd4c88

#BeAble



#### महाराष्ट्र मेट्रो रेल कॉर्पोरेशन लिमिटेड MAHARASHTRA METRO RAIL CORPORATION LIMITED

(भारत सरकार आणि महाराष्ट्र शासनाचा संयुक्त उपक्रम) Joint Venture of Govt. of India & Govt. of Maharashtra PUNE METRO RAIL PROJECT

Maha-Metro/Pune/R-3/VIA/CPM/305

Date: 28/12/2019

Project Manager, J. Kumar Infraprojects Limited, Pune Metro Rail Project, Pune.

Subject: - Internship in Maharashtra Metro Rail Corporation Limited

Dear Sir,

With reference to the above mentioned subject, it is to inform that the following candidate have to undergo practical training in Maharashtra Metro Rail Corporation Limited. The details of the candidates are as follow:-

Sr. No.	Name of Student	Date of Commencement & place of training
1	Pratiksha Deokar	From: - 26/12/2019 To: - 10/01/2020
2	Pratiksha Chavan	From: - 26/12/2019 To: - 10/01/2020

You are requested to provide Personal Protective Equipment (PPE) to the above said students on returnable basis and provide training to the students as per the above mentioned schedule.

Thanking You,

With Regards,

(Karun Kumar)

Dy. Chief Project Manager/R-3, Maharashtra Metro Rail

Corporation Limited





#### CERTIFICATE OF COMPLETION

Awarded to

# Pratiksha Prabhakar Chavan

for successful completion of online project-based course

**Structural & Foundation Analysis** 

29 June 2020

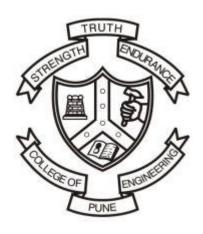
Pavan Kumar P

CEO, Skyfi Labs

60081412

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# College of Engineering Pune (COEP) Department of Civil Engineering 2019-2020



### Summer Internship Report of the Site visits to the court Building

Under the Guidance of

Javed Shaikh sir

(Engineer)

Submitted by

**Prajakta Dayare** 

(4th semester, B.E.)

# College of Engineering Pune (COEP)

#### **Certificate**

This is to certify that the summer internship at Court site at Nagpur has been completed by PRAJAKTA DAYARE student of S.Y. (civil engineering) of COEP in a satisfactory manner and in a partial fulfilment of the requirement for the degree of Bachelor of Engineering in Civil Engineering of Savitribai Phule Pune University during year 2019.

Dr.M.S. Ranadive

(Prof. and HOD civil engineering)

COEP, Pune-5.

#### **Acknowledgement**

The training opportunity we had on the site was great chance for learning & professional development.

Therefore we consider ourselves very lucky to be a part of this internship. We are thankful to the official and non-officials to be kind enough to guide and acknowledge us during the entire course.

#### WITH GRATITUDE

Prajakta Dayare

#### **INDEX**

Sr.no.	Topics covered	Pg.no
1	Overview of the building	5
2	Safety	6
3	Mix design	7
4	Foundations	9
5	Schedule of opening	10
6	Activity (Profile levelling)	11
7	Test performed	15
	A)sieve analysis	
	B)Compressive strength	

#### **Overview of Building**

Our site construction consists of a 9 floored court building.

Ground floor, first and second floor are to serve for vehicle parking (therefore these floors are provided with one way ramp with a slope of 1/10); 3<sup>rd</sup> floor consists of jails and court rooms; 4<sup>th</sup> floor to 9<sup>th</sup> floor are to be used for court official work, moreover 9<sup>th</sup> floor consists of canteen.

The **L shaped** building consists of 9 staircases, 11 lifts;

Two **Expansion joints** are provided (it is an assembly designed to safely absorb the temperature induced expansion and contraction of construction materials)



**Expansion Joint** 

#### **Safety**

- 1) Out of the nine, 2 staircases are meant for emergency exit.
- 2) **Fire sprinkler system** (for protection against fire) is installed, a pipeline with branching system is fitted to serve the purpose, (as the temp in the room exceeds 68 degree, the system gets activated)
- 3) Smoke detectors have also been installed.





#### Mix Design

Task of Mix design is to design a concrete mix for a particular strength and durability. The design of concrete mix is not a simple task on account of the widely varying properties of the constituent materials, the conditions that prevail at the site of work, in particular the exposure condition, and the conditions that are demanded for a particular work for which the mix is designed.

RMC plant has been installed at the site. Capacity of the mixing unit is 0.5m<sup>3</sup> concrete. **Weigh Batching** has been implemented for batching purpose. The cement is stored in godown constructed nearby.



Aggregate Feeders



Mixing Unit and conveyer belt

#### Material used include

Cement (OPC cement Grade 43)
Aggregate (10mm, 20mm)
Sand (crushed, river)
Water
Admixture (K2 Selfplast)

#### General properties of the Prepared mix design at the site

1) Slump: 100mm

(A pump with 1400 horsepower is installed to carry the concrete at elevated places)

2) Concrete design: M25 – Structural unit of the Building

M30 - Roads

M40 – Foundations

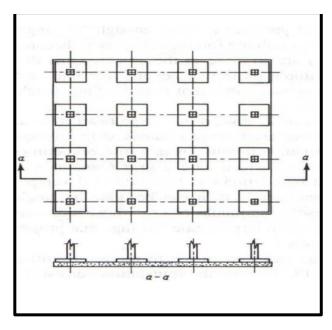
#### **Foundations**

Before carrying out the foundation two tests have been carried out to know the SBC (Soil bearing Capacity) of the soil;

- 1) Plate load test
- 2) Bore-hole test

Foundation design implemented at the site: **Raft foundation** 

Raft /Mat foundation: A Mat Foundation is a shallow foundation conceived by pouring concrete over a reinforcing material, usually rubber. A mat foundation helps to distribute weight of the structure close to the surface. Soil bearing capacity is the capacity of soil to support the loads applied to the ground. The bearing capacity of soil is the maximum average contact pressure between the foundation and the soil which should not produce shear failure in the soil.



Raft Foundation

#### Schedule of opening

Sr.no	Туре	Size
	Doors	
1.	D	2.80 x 2.40
2.	D1	0.90 x 2.10
3.	D2	1.20 x 2.10
4.	D3	0.90 x 2.10
5.	D4	0.80 x 2.10
6.	D5	0.90 x 2.10
7.	D6	1.50 x 2.10
8.	G1	2.00 x 2.10

Sr. no	Туре	Size
	Windows	
1.	W	2.00 x 1.50
2.	W1	1.50 x 1.50
3.	W2	1.20 x 1.20
4.	W3	1.00 x 1.50
5.	W4	0.90 x 1.50
6.	V	0.60 x 0.90
7.	V1	1.20 x 0.50
8.	V2	1.20 x 0.50

#### **Activity: Profile levelling**

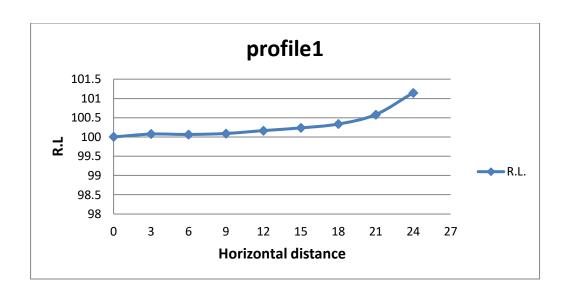
#### Reduce level was calculated to calculate the cut and fill quantity for construction of Road.

#### Procedure:

- 1) Autolevel, level staff were used for calculation of reduce level.
- 2) Height of instrument i.e. collimation method was implied.
- 3) The plinth level of the Ground floor of wing A was considered as Benchmark of R.L. 100m. (assumption)
- 4) Setting the spirit level of the autolevel, Readings were noted.

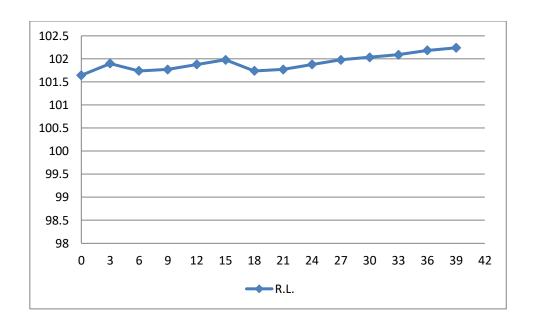
#### Profile (1)

station	B.S.	I.S.	F.S.	Height Of Instrument	Reduce level	Remark
Р	1.745			101.745	100	
		1.670			100.075	
		1.680			100.065	
		1.655			100.09	
		1.580			100.165	
		1.510			100.235	
		1.410			100.335	
		1.165			100.58	
Q	2.150		0.600	103.295	101.145	
			1.650		101.645	



Profile (2)

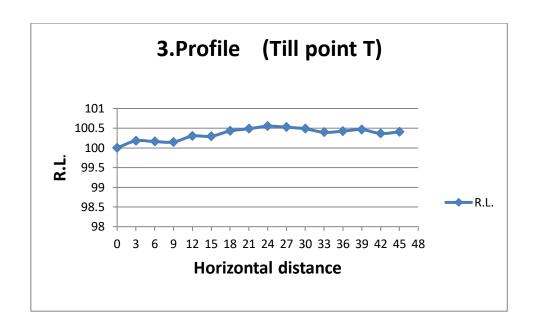
station	B.S.	I.S.	F.S.	Height Of	Reduce	Remark
				Instrument	level	
R	1.65			103.295	101.645	
		1.390			101.905	
		1.555			101.740	
		1.525			101.770	
		1.415			101.880	
		1.315			101.980	
		1.260			102.035	
		1.205			102.090	
		1.110			102.185	
			1.055		102.240	



Profile (3),(4)

station	B.S.	I.S.	F.S.	Height Of Instrument	Reduce level	Remark
S	1.615			101.650	100	
		1.435			100.18	
		1.455			100.16	
		1.465			100.15	
		1.315			100.3	
		1.320			100.295	
		1.185			100.43	
		1.130			100.485	
		1.065			100.55	
		1.090			100.525	
		1.130			100.485	
		1.220			100.395	
		1.190			100.425	
		1.150			100.465	
		1.250			100.365	
		1.210			100.405	
Т	1.060		1.5	101.175	100.115	
		1.615			100.56	
		1.000			100.175	
		1.340			100.835	
		1.395			99.78	

	1.585			99.59	
		1.845	1.845	99.83	



#### From point T onwards



#### **TEST PERFORMED**

#### A) Sieve Analysis

#### Theory:-

The process of dividing a sample of aggregate into fraction of same particle size is known as sieve analysis. Its purpose to determine the grading or size distribution of aggregate particle which are larger than 4.75 mm (retained on IS 4.75mm sieve) constitute coarse aggregate and then those smaller constitute fine aggregate or sand. Fineness modulus of all aggregate is defined as the sum of the cumulative percentage retained on sieve of standard size divided by 100.

#### Apparatus:-

Set of sieve ranging from 37.5, 20, 12.5, 10, 4.75mm, 2.36mm, 1.18mm, 600(micron), 300(micron), 150(micron) pan and electronic weiging machine.

#### Procedure:-

- Take 6kg of coarse aggregate, 2kg of fine aggregate, 1kg of crushed sand, 1kg river sand.
- Arrange the sieve size increasing to the size, put the pan at the bottom. Put the sample in the top sieve.
- Shake the sieves for 20 min.
- Weight the amount of coarse aggregate/ fine aggregate/ crushed sand/ river sand retained on each sieve along with the pan.
- Note the reading in the tabular form.

#### Observation table:-

#### A. SIEVE ANALYSIS-

1. Total weight of aggregate = 6.376kg.

Type of aggregate= Coarse aggregate.

S.r.	I.S.	Wt.	%	Cum.%	Cum.%	Remark	
NO.	Sieve	Retained	Retained	Retained	Passing		
	in	in gms.					
	mm						
1.	37.5	0	0	0	100	-	
2.	20	822	822	12.89	87.11	-	
	40.5	1100		22.22	47.04		
3.	12.5	4408	5230	82.06	17.94	-	
4.	10	1076	6306	98.90	1.1		
4.	10	1076	0300	90.90	1.1	_	
5.	4.75	166	6372	99.94	0.06	_	
O.		100	00.2	00.01	0.00		
6.	2.36	4	6376	100	0	-	•
7.	Pan	0	0	0	0	0	

2. Total weight of aggregate = 2 kg.

Type of aggregate:- fine aggregate

S.r.	I.S.	Wt.	%	Cum.%	Cum.%	Remark
NO.	Sieve	Retained	Retained	Retained	Passing	
	in	in gms.				
	mm					
1.	12	0	0	0	100	-
2.	10	450	450	37.94	62.06	-
3.	4.75	422	872	73.52	26.48	-
4.	2.36	260	1132	95.45	4.55	-

5.	1.18	54	1186	100	0	-
6.	Pan	0	0	0	0	-

#### 3. Total weight of sand = 1kg

Type of sand = crushed sand

S.r.	I.S. Sieve	Wt.	%	Cum.%	Cum. %	Remar
NO	in mm	Retaine	Retaine	Retaine	Passin	k
-		d in gms	d	d	g	
1.	10	0	0	0	100	-
2.	4.75	48	48	4.8	95.2	-
3.	2.63	276	324	32.4	67.6	-
4.	1.18	524	848	84.8	15.2	-
5.	600(micron )	124	972	97.2	2.8	-
6.	300(micron	8	980	98	2	-
7.	150(micron )	10	990	99	1	-
8.	Pan	12	1000	100	0	-

#### 4. Total weight of sand = 1 kg river sand.

Type of sand = river sand

S.r.	I.S.	Wt.	%	Cum.%	Cum. %	Remark
NO.	Sieve	Retained	Retained	Retained	Passing	
	in	in gms				
	mm					
1.	10	0	0	0	100	-
2.	4.75	22	22	2.2	97.8	-

3.	2.36	36	58	5.8	94.2	-
4.	1.18	188	246	24.6	74.4	-
5.	0.6	482	678	67.8	32.2	-
6.	0.3	164	842	84.2	15.8	-
7.	0.15	138	980	98	2	-
8.	Pan	20	1000	100	0	-

#### B)Compressive strength of concrete

#### Procedure:-

- 1. Place the specimen with flat faces horizontal facing upwards between plates of the testing machine.
- 2. Apply load axially at a uniform rate till failure occurs and note maximum load at failure.
- 3. The load at failure is maximum load at which the specimen fails to produce any further increase in the indicator reading on the testing machine.

#### Result:-

grade of concrete (fck)	Load applied F(KN)	Area A (mm²)	Compressive strength (N/mm²)	Target mean strength $F_{ck} = f_{ck} + (1.65*s)$
M25	725	150*150	32.22	31.6
M40	950	150*150	42.2	48.25
M40	1000	150*150	44.44	48.25



#### राष्ट्रीय केमिकल्स एण्ड फर्टिलाइजर्स लिमिटेड

(भारत सरकार का उपक्रम) वर्क्स, प्रशासनिक भवन, चेंबूर, मुंबई-400 074.

#### RASHTRIYA CHEMICALS & FERTILIZERS LIMITED

(Government of India Undertaking)
WORKS: ADMINISTRATIVE BUILDING, CHEMBUR, MUMBAI-400 074

PHONE: 022 - 5522201 To 10 GRAM: FERTILIZER

#### CORPORATE MANAGEMENT DEVELOPMENT CENTRE

No. CMDC/VT/2019

25th June, 2019

#### "TO WHOMSOEVER IT MAY CONCERN"

This is to certify that **Mr. Chetan Deshmukh**, student from College of Engineering, Pune- 411005, was with us for Internship from 27.05.2019 to 25.06.2019.

He has done the project report on titled "Drawing Floor Plan of Quarters and Study of Water Supply Lines in Type I Colony at Rashtriya Chemicals & Fertilizers Ltd." and successfully completed training under the guidance of Shri. Rupesh Narkhede, Manager (Civil).

During the period of his training with RCF, he took keen interest in learning various aspects of Civil. His performance was excellent during the period he was with us. We wish him a very successful career.

(Nanda N. Kulkarni) Asst. General Manager (HRD)



पंजीकृत कार्यालय : 'प्रियदर्शनी' ईस्टर्न एक्सप्रेस हाइवे, मुंबई-400 022. Regd. Office : 'Priyadarshini' Eastern Express Highway, Mumbal-400 022. PHONE : 022 - 4078201 - 03, 4078175 - 76

#### **DevCreate Solutions LLP**

Regd. Office: "NRUSINHA KRUPA", SUDARSHAN NAGAR, PIMPLE GURAV, SR, NO. 83,

PUNE- 411061

Contact No: +91 96579 86475 Email: mandke.anupama@gmail.com

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LLP Identification Number: AAR-5260

#### **Internship Certificate**

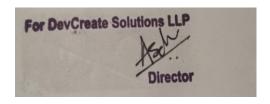
This certificate is given on 5<sup>th</sup> august 2020 to certify that

#### Ms. Aditi Virupaksh Khurd.

A student of College of Engineering Pune has successfully completed her internship from **01-june-2020 to 31-july-2020** under the careful guidance of Ms. Anupama Ramnavmiwale and Dr. Mrs. S. N. Madhekar.

Aditi was able to successfully participate in and accomplish all of the tasks required for the project entitled 'Development of a tool for Connection Design & modelling of structures in REVIT software' throughout which she was able to showcase her great work ethic and team player skills.

We, at DevCreate solutions LLP have thoroughly enjoyed having her as an intern and we wish her all the best in her future endeavours.



Anupama Nilay Ramnavmiwale

**Founder & Director** 

Chartered Engineer
The Institution of Structural Engineers, UK
Membership No.: 8393856

Office of the Executive Engineer
Public Works Division No. 3
Nagpur
Email div3nagpur.cc@mahapurt.com
=> 2561586

#### Certificate

This is to certify that Miss Vidhina Rajendra Meshram had done the training of ongoing works from date 20/05/2019 to 20/06/2019. She has taken the keen interest in works during training.

(Ajay Pohekar)
Excentive Engineer
Public Works Division No. 3
Nagpur.







19 June 2020



This is to certify that

#### VIDHINA MESHRAM

has completed a project-based online course on

Structural & Foundation Analysis



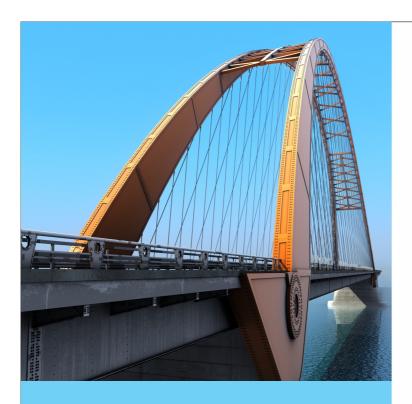
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Toll Free No: 1800 425 0405 | www.caddcentre.com

#### CERTIFICATE OF COMPLETION





: Course on 2D Drafting

AWARDED TO: NITIN RAVINDRA MORE

AT : CADD Centre Training Services, Jalgaon

DURING : 07/06/19 - 07/07/19 STUDENT ID No.: AC190680589

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Prasad Janardan Kharche

16 - 07 - 2019

Managing Director

CENTRE HEAD

DATE OF ISSUE



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STUDENT NAME: NITIN RAVINDRA MORE STUDENT ID NO.: AC190680589



CERTIFIED IN : Course on 2D Drafting

**Topics Covered** 

#### **AutoCAD 2D for Architects and Civil Engineers**

Introduction to Engineering Drawings
Exploring GUI and Workspaces
Co-ordinate systems
Drafting Basic Geometry Shapes in AutoCAD
Drafting settings and Drawing tools
Modify tools and Object properties
Advanced Drafting and Modifying tools in AutoCAD
Layer Management
Layout, Plot and Publish
Scale setting and plotting
Hatching and Patterning
Annotation and Dimensioning

Project : Independent project work with expert assistance















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#### **DevCreate Solutions LLP**

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PUNE- 411061

**Contact No:** +91 96579 86475 Email: mandke.anupama@gmail.com

(Registered Under Ministry Of Corporate Affairs, Govt. of India)

LLP Identification Number: AAR-5260

#### **Internship Certificate**

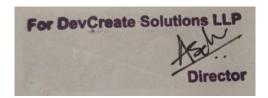
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#### Mr. Nitin Ravindra More

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Anupama Nilay Ramnavmiwale

**Founder & Director** 

Chartered Engineer
The Institution of Structural Engineers, UK
Membership No.: 8393856



#### Certificate of Completion

This certificate is awarded to VISHWAJEET NARNAVAR for successfully

completing Words Maya's course -

Professional Communication Skills.

8-May-2020

MR. SANDEEP G. KHODE DIRECTOR,

Sardey Ghair-

WORDSMAYA EDUTECH PRIVATE LIMITED

Certificate No: 56046, Code: S6n9Kb6-n

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#### महाराष्ट्र मेट्रो रेल कॉर्पोरेशन लिमिटेड MAHARASHTRA METRO RAIL CORPORATION LIMITED

(भारत सरकार आणि महाराष्ट्र शासनाचा संयुक्त उपक्रम)
Joint Venture of Govt. of India & Govt. of Maharashtra
PUNE METRO RAIL PROJECT

No: MAHA-Metro/HR-P/Internship/2020/

Date: 29:01.2020 3 02 (2020

#### TO WHOM SO EVER IT MAY CONCERN

This is to certify that, Mr. Vishwajeet Narnavar, Student of B.Tech/Civil at COEP, Pune has successfully completed Internship from 16<sup>th</sup> December 2019 to 31<sup>st</sup> December 2019 (15 days) in MAHARASHTRA METRO RAIL CORPORATION LIMITED under the guidance of Addl.CPM/ Reach-UG (04).

During his internship, she was found sincere & hardworking.

We wish him for a successful life & bright future.

(Priyanka Prasad)
Assistant Manager /HR
Human Resource Dept.
MAHA Metro Pune.

Priyanka Prasad Assistant Manager (HR) HR Dept. MAHA-Metro Rail, Pune





#### CERTIFICATE OF INTERNSHIP

This certificate is presented to

#### Miss.Shruti D. Lokhande

of College of Engineering, Pune in appreciation for successfully completing internship in Pradhan Mantri Gram Sadak Yojana / Mukhya Mantri Gram Sadak Yojana , PUNE during 16<sup>th</sup> May'19 to 20<sup>th</sup> June'19.

Mr.R. y. Patil Executive Engineer PMGSY/MMGSY, Pune





#### CERTIFICATE OF INTERNSHIP

This certificate is presented to

Miss.Siddhi M.Chandak

of College of Engineering,Pune in appreciation for successfully completing internship in Pradhan Mantri Gram Sadak Yojana / Mukhya Mantri Gram Sadak Yojana ,PUNE during 16th May'19 to 20th June'19.

Mr.R. y. Patil

Executive Engineer PMGSY/MMGSY, Pune





#### Certificate of Completion

This certificate is awarded to ABHIJEET TAKRAS for successfully

completing Words Maya's course -

Professional Communication Skills.

8-May-2020

Sanley Gibbine

DIRECTOR,
WORDSMAYA EDUTECH PRIVATE LIMITED

Certificate No : 50305, Code : ume300p\_v

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## महाराष्ट्र मेट्रो रेल कॉपोरेशन लिमिटेड MAHARASHTRA METRO RAIL CORPORATION LIMITED

(भारत सरकार आणि महाराष्ट्र शासनाचा संयुक्त उपक्रम)
Joint Venture of Govt. of India & Govt. of Maharashtra
PUNE METRO RAIL PROJECT

No: MAHA-Metro/HR-P/Internship/2020/

Date: 29.01.2020

#### TO WHOM SO EVER IT MAY CONCERN

This is to certify that, Mr. Rajdeep Tupe, Student of B.Tech/Civil at COEP, Pune has successfully completed Internship from 16<sup>th</sup> December 2019 to 31<sup>st</sup> December 2019 (15 days) in MAHARASHTRA METRO RAIL CORPORATION LIMITED under the guidance of Addl.CPM/ Reach-UG (04).

During his internship, she was found sincere & hardworking.

We wish him for a successful life & bright future.

(Priyanka Prasad)
Assistant Manager /HR
Human Resource Dept.
MAHA Metro Pune.

Priyanka Prasad
Assistant Manager (HR)
HR Dept.
MAHA-Metro Rail, Pune



## MAHARASHTRA METRO RAIL CORPORATION LIMITED महाराष्ट्र मेट्रो रेल कॉर्पोरेशन लिमिटेड

Joint Venture of Govt. of India & Govt. of Maharashtra (भारत संस्कार आणि महाराष्ट्र शासनाचा संयुक्त उपक्रम) PUNE METRO RAIL PROJECT

No: MAHA-Metro/HR-P/Internship/2020/131

Date: 13.02.2020

# TO WHOM SO EVER IT MAY CONCERN

guidance of CPM (Reach-3). in MAHARASHTRA METRO RAIL CORPORATION LIMITED under the Internship from 11th December 2019 to 10th January 2020 (01 month) B.Tech/Civil at College of Engineering Pune has successfully completed This is to certify that, Mr. Ganesh Vhanamane, Student of

During his internship, he was found sincere & hardworking.

We wish him for a successful life & bright future.



Assistant Manager /HR **Human Resource Dept.** MAHA Metro, Pune. (Priyanka Prasad)

Assistant Wanager (MR) MAHA-Motro Rail, Pari Priyanka Prasad HR Dept.

- CORPORATE OFFICE: PUNE -



Date: 09-08-2020

#### **Internship Certificate**

This is to certify that Kaustubh Gomase from College of Engineering Pune (CoEP) has successfully completed the internship with K2V2 Technologies pvt. Ltd. (Sell.do) during the academic year 2019-2020.

He/She has worked in the field of Inside Sales as intern from 06 Jul, 2020 till 31 Jul, 2020.

The overall performance and behaviour during the internship was good.

For K2V2 Technologies Pvt Ltd.

Supriya Kotnis

**Vice President – Human Resources** 

This is system generated letter, does not require physical signature/stamp. Any unauthorized use is prohibited & unlawful

www.sell.do



## महाराष्ट्र मेट्रो रेल कॉर्पोरेशन लिमिटेड MAHARASHTRA METRO RAIL CORPORATION LIMITED

(भारत सरकार आणि महाराष्ट्र शासनाचा संयुक्त उपक्रम)
Joint Venture of Govt. of India & Govt. of Maharashtra
PUNE METRO RAIL PROJECT

No: MAHA-Metro/HR-P/Internship/2020/ 106

Date: 08.02.2020

#### TO WHOM SO EVER IT MAY CONCERN

This is to certify that, Ms. Pratiksha Deokar, Student of B. Tech/Civil at College of Engineering, Pune (COEP) has successfully completed Internship from 26th December 2019 to 10th January 2020 (15 days) in MAHARASHTRA METRO RAIL CORPORATION LIMITED under the guidance of CPM/Reach-III.

During her internship, she was found sincere & hardworking.

We wish her for a successful life & bright future.

(Priyanka Prasad)
Assistant Manager /HR
Human Resource Dept.
MAHA Metro Pune.

Priyanka Prasad
Assistant Manager (HR)
HR Dept.
MAHA-Metro Rail, Pune





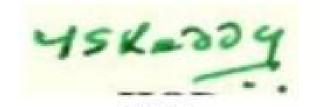
A one week Workshop on STAAD Pro

Certificate of Participation

This is to certify that *PRATIKSHA BALASAHEB DEOKAR* from *COLLEGE OF ENGINEERING PUNE* has participated in the workshop from 13<sup>th</sup> July to 18<sup>th</sup> July 2020, organized by the Department of Civil Engineering, Nalla Malla Reddy Engineering



Civil Engineering Association.



HOD, Dept. of Civil Engineering



Principal, NMREC







18 June 2020



CIVIL SI PLIFIED

This is to certify that

## PRATIKSHA BALASAHEB DEOKAR

has completed a project-based online course on

Structural & Foundation Analysis

Unique Certificate Code: 60081114

Verify at www.skyfilabs.com/verify-certificate/60081114

www.civilsimplified.com www.skyfilabs.com

Pavan Kumar P CEO, Skyfi Labs







## College of Engineering, Pune

(An Autonomous Institute of Government of Maharashtra)

Department of Civil Engineering



IOCL sponsored One Day Seminar on Developments in Road Construction Space

## CERTIFICATE

This certificate is awarded to Miss. PRATIKSHA BALASAHEB DECKAR.

for participation in one-day seminar on Developments in Road Construction &

Bitumen Field, on 18th January, 2020, organised by College of Engineering, Pune in

association with Indian Oil Corporation Limited.

Dr. M. S. Ranadive

Professor and Head Department of Civil Engineering Dr. V. D. Katare

Co-ordinator

Ms. D. L. Patil

Co-ordinator

Mr. R. K. Bhagat Chief Divisional Manager, (IB) Pune Divisional Office, IOCL This certificate is computer generated and can be verified by scanning the QR code given below. This will display the certificate from the NPTEL repository, https://nptel.ac.in/noc/

#### Roll No: NPTEL20CE32S1486559

PRATIKSHA BALASAHEB DEOKAR
KOPARGAON MADHALA ROAD, DATTAWADI
,TAKALI, KOPARGAON (R), AHMADNAGAR
,MAHARASHTRA
KOPARGAON
AHMEDNAGAR
MAHARASHTRA - 423601
PH. NO:7276675838



#### No. of credits recommended by NPTEL:2

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



Covid-19

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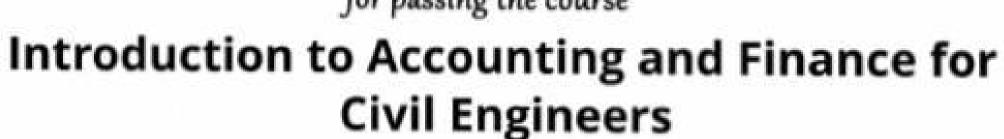
January 2020

semester

This certificate is awarded to

#### PRATIKSHA BALASAHEB DEOKAR

for passing the course



with Score\* 92 %

Prof. Rajesh M.Hegde
Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Mar 2020 (8 week course) Satzatify

Prof. Satyaki Roy NPTEL Coordinator IIT Kanpur







Coursera Project Network

### Pratiksha Balasaheb Deokar

has successfully completed

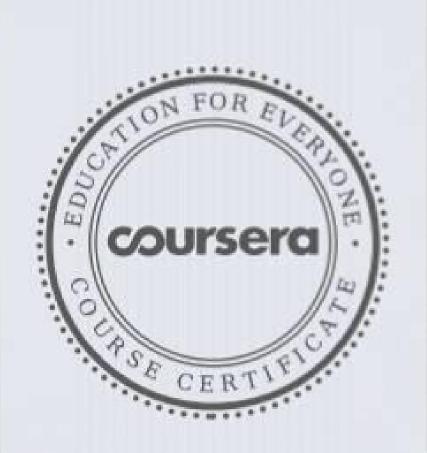
Spreadsheets for Beginners using Google Sheets

an online non-credit course authorized by Coursera Project Network and offered through Coursera

Alex Margos

Program Manager at Coursera

COURSE CERTIFICATE



Verify at coursera.org/verify/5T3P8CU3YFPE Coursers has confirmed the identity of this individual and their participation in the course.

#### **DevCreate Solutions LLP**

Regd. Office: "NRUSINHA KRUPA", SUDARSHAN NAGAR, PIMPLE GURAV, SR, NO. 83,

PUNE- 411061

**Contact No:** +91 96579 86475 Email: mandke.anupama@gmail.com

(Registered Under Ministry Of Corporate Affairs, Govt. of India)

LLP Identification Number: AAR-5260

#### Inches and all and Constitution to

#### **Internship Certificate**

This certificate is given on 5th august 2020 to certify that

#### Ms. Jui Dixit

A student of College of Engineering Pune has successfully completed her internship from **01-June-2020 to 31-July-2020** under the careful guidance of Ms. Anupama Ramnavmiwale and Dr. Mrs. S. N. Madhekar.

Jui was able to successfully participate in and accomplish all of the tasks required for the project entitled 'Development of a tool for analysis & design of skirt plate for pressure vessels' throughout which she was able to showcase her great work ethic and team player skills.

We, at DevCreate solutions LLP have thoroughly enjoyed having her as an intern and we wish her all the best in her future endeavours.



Anupama Nilay Ramnavmiwale

**Founder & Director** 

Chartered Engineer
The Institution of Structural Engineers, UK

Membership No.: 8393856



#### महाराष्ट्र मेट्रो रेल कॉर्पोरेशन लिमिटेड MAHARASHTRA METRO RAIL CORPORATION LIMITED

(भारत सरकार आणि महाराष्ट्र शासनाचा संयुक्त उपक्रम)
Joint Venture of Govt. of India & Govt. of Maharashtra
PUNE METRO RAIL PROJECT

No: MAHA-Metro/HR-P/Internship/2020/06子

Date: 29.01.2020

#### **TO WHOM SO EVER IT MAY CONCERN**

This is to certify that, **Ms. Jui Dixit**, Student of B.Tech/Civil at **COEP**, **Pune** has successfully completed Internship from **16**<sup>th</sup> **December 2019 to 31**<sup>st</sup> **December 2019 (15 days)** in **MAHARASHTRA METRO RAIL CORPORATION LIMITED** under the guidance of Addl.CPM/ Reach-UG (04).

During her Internship, she was found sincere & hardworking.

We wish her for a successful life & bright future.

(Priyanka Prasad)
Assistant Manager /HR
Human Resource Dept.
MAHA Metro Pune.

Priyanka Prasad
Assistant Manager (HR)
HR Dept.
MAHA-Metro Rail, Pune



8<sup>th</sup> August 2019

#### **Experience Letter**

This is to certify that **Ms. Jui Dixit** completed her two weeks summer internship with our Company CQRA Pvt. Ltd from 6<sup>th</sup> June 2019 to 20<sup>th</sup> June 2019 as an "Intern".

During her internship with us she has learnt to do Quality Survey – Construction site visits and estimation of shuttering and steel used on site.

She has skillfully handled major responsibilities and found her to be hardworking and very productive.

المورد We wish him all the best for his future career!

For CQRA Pvt. Ltd.

Ujwal Kunte

**Managing Director** 

Durocrete Engineering Services Pvt. Ltd.

19/1, Hingane Khurd, Vitthalwadi, Sinhgad Road, Pune - 411 051 Tel : +91-98817 35302, 020-24345170, 24348027

Email: info@durocrete.com

An ISO / IEC 17025: 2005 NABL Accredited Laboratory





Website: www.durocrete.com

8th August 2019

#### **Experience Letter**

This is to certify that **Ms. Jui Dixit** completed her two weeks summer internship with our Company Durocrete Engineering Services Pvt. Ltd from  $21^{st}$  June 2019 to  $5^{th}$  July 2019 as an "Intern".

During her internship with us she has learnt Testing soil, rock, cement, aggregates, steel, admixtures and mix design samples.

She has skillfully handled major responsibilities and found her to be hardworking and very productive.

We wish her all the best for her future career!

For Durocrete Engineering Services Pvt. Ltd.

Ujwal Kunte

**Managing Director** 

#### DHANASHREE CONSTRUCTION SANTOSH BHALERAO

Architects and Interior design, Regn No.1026, P.No.10 SaiBaba Nagar, NAGPUR-440008. Mob.No. 9860565152

#### Internship letter

This letter is to certify that <u>Sheikh Salman Sheikh Karim</u> student of Second Year at College of Engineering, Pune was working as an interned under the guidance.

This letter proves that he worked for Dhanashree Construction Pvt. Ltd from date  $\underline{25/06/2019}$  to  $\underline{16/07/2019}$ . His performance was Good.

संतोष भालेराव Santosh Bhaterao

Director

Dhanashri Const.pvt.Ltd





#### शासकीय तंत्रनिकेतन, नागपूर

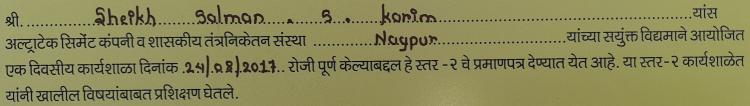
व

#### अल्ट्राटेक सिमेंट लिमिटेड

यांच्या सयुंक्त विद्यमाने

#### कौशल्य विकास उपक्रम

प्रमाणपत्र स्तर-२ (कॉक्रीट विषयक मार्गदर्शन शिबिर)

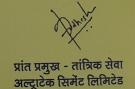


- १. सिमेंट, वाळू, खडी, पाणी यांची गुणवत्तेच्या आधारावर निवड प्रक्रिया .
- २. कॉंक्रीट निर्मीती व कन्स्ट्रक्शन केमिकल्सचा आदर्श उपयोग.
- ३. कॉंक्रीट चाचणी व क्युरींग प्रक्रिया.
- ४. आधुनिक काँक्रीट व त्याची विशिष्ट उपयोगिता.

तसेच त्यांनी वरील विषयांवर साईट प्रात्यक्षिक अनुभवले.











#### महाराष्ट्र मेट्रो रेल कॉर्पोरेशन लिमिटेड **MAHARASHTRA METRO RAIL CORPORATION LIMITED**

(भारत सरकार आणि महाराष्ट्र शासनाचा संयुक्त उपक्रम) Joint Venture of Govt. of India & Govt. of Maharashtra **PUNE METRO RAIL PROJECT** 

No.MAHA-Metro/HR-P/Internship/2020/307

Date: 10.08.2020

#### **TO WHOM SO EVER IT MAY CONCERN**

This is to certify that, Mr.Shubham Chaudhari, Student of B.Tech Civil at Colllege of Engineering, Pune has successfully completed Internship from 26th December 2019 to 10th January 2020 (15 Days) in MAHARASHTRA METRO RAIL CORPORATION LIMITED under the guidance of CPM/Reach-UG

During his internship, he was found sincere & hardworking .

We wish him for a successful life & bright future.

(Priyanka Prasad)

Assistant Manager /HR Human Resources Dept. MAHA Metro, pune

**Privanta Prasad** Assistant Manager (HR) HR Dept AHA-Metro Rail, Pun

#### **DevCreate Solutions LLP**

Regd. Office: "NRUSINHA KRUPA", Sudarshan Nagar, Pimple Gurav, SR. No. 83, Pune-411 061

Contact No.: +91 9657986475 Email: mandke.anupama@gmail.com (Registered Under Ministry of Corporate Affairs, Government of India)

LLP Identification Number: AAR-5260

#### **Internship Certificate**

This certificate is given on 5<sup>th</sup> August 2020, to certify that

#### Ms. Manjiri Paraskar

A student of College of Engineering, Pune has successfully completed her internship from **01 June 2020 to 31 July 2020** under the careful guidance of Ms. Anupama Ramnavmiwale and Dr. Mrs. S.N. Madhekar.

Manjiri was able to successfully participate in and accomplish all of the tasks required for the project entitled 'Development of a tool for analysis & design of skirt plate for pressure vessels' throughout which she was able to showcase her great work ethic and team player skills.

We, at DevCreate Solutions LLP have thoroughly enjoyed having her as an intern and we wish her all the best in her future endeavours.



Anupama Nilay Ramnavmiwale

**Founder & Director** 

Chartered Engineer

The Institute of Structural Engineers, UK

Membership No.: 8393856



Certificate ID: VCE/COC7408 Date: 7th July 2020

This certificate is awarded to Miss. Gilbile Pratiksha Balasaheb from College of engineering Pune, for successfully completing her online internship at M/s Vardhan Consulting Engineers as Engineering Intern during 24th May 2020 to 7th July 2020.

We appreciate her focus towards learning and analyzing about Green Building – Calculation and Ratings and completing her internship project along with the report submission.

Gilbile Pratiksha Balasaheb's internship project title was "Analysis of different Green Building Rating systems in India".

During her tenure as Engineering Intern, we found her efforts sincere, meticulous and result oriented.

We wish all the best in her future endeavors.

Neha Kumari

Lumari

Sr. Manager - HR & Internship Coordinator

hr@techvardhan.com, +91 979 111 2715





Certificate URL: https://certificates.techvardhan.com/COC7408.pdf

#### Vardhan Consulting Engineers



Certificate ID: VCE/COC7797 Date: 15th July 2020

#### **Certificate of Completion**

This certificate is awarded to **Mr. Shinde Saurabh Eknath** from **College of Engineering Pune**, for successfully completing his online internship at M/s Vardhan Consulting Engineers as Engineering Intern during **1st June 2020** to **15th July 2020**.

We appreciate his focus towards learning and analyzing about Green Building – Calculation and Ratings and completing his internship project along with the report submission.

Shinde Saurabh Eknath's internship project title was "Analysis of different Green Building Rating systems in India".

During his tenure as Engineering Intern, we found his efforts sincere, meticulous and result oriented.

We wish all the best in his future endeavors.

Neha Kumari

Lumouri

Sr. Manager - HR & Internship Coordinator

hr@techvardhan.com, +91 979 111 2715





Certificate URL: https://certificates.techvardhan.com/COC7797.pdf

#### Vardhan Consulting Engineers