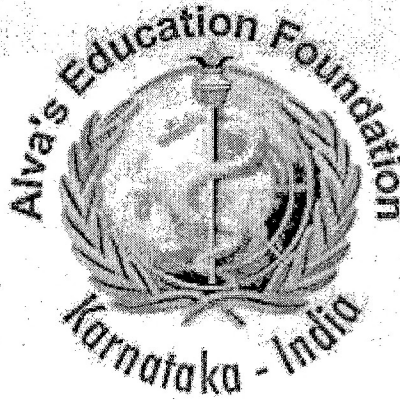


ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

Shobhavana Campus, Mijar – 574225, Moodbidri.
Dakshina Kannada Karnataka, India.

DEPARTMENT OF CIVIL ENGINEERING



A REPORT ON “MX ROAD SOFTWARE”

2015-16

CONTENTS

Sl. No.	Description	Page No.
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6.	Notice for the meeting	
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ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

Shobhavana Campus, Mijar, Moodbidri - 574 225

Phone: 08258-262725 Fax: 08258-262726

DEPARTMENT OF CIVIL ENGINEERING

Date: 07 Nov 2015

Place: AIET, Moodbidri.

APPROVAL LETTER

To,

The Principal/IQAC Chairman,
AIET, Moodbidri

Respected Sir,

Sub: - Approval for Organizing the Students Certification/Training Program on
"MX-Road"-Reg.

With reference to the subject cited above, I would like to bring to your kind notice that, the Department is planning to host a **Five day's** Student Training Program/ hands on workshop on **"MX-Road"** from **"11th to 16th January 2016"** for 4th semester students.

Kindly consider the above request and approve the same for further proceedings.

Thanking you Sir.

Coordinator:

Prof. Surendra P

Head of the Department:

Prof. Durgaprasad Baliga

H.O.D.

Dept. of Civil Engineering
Alva's Institute of Engg. & Technology
Mijar, Moodbidri - 574 225

Principal:

PRINCIPAL

Alva's Institute of Engg. & Technology,
Mijar, MOODSIDRI - 574 225, D.K



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DEPARTMENT OF CIVIL ENGINEERING

Date: 18 Nov 20

CIRCULAR

All the Civil Engineering Students are hereby informed to attend Certification programme as below schedule for the academic year 2015-16.

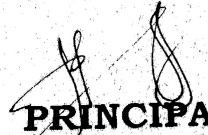
Sl. No.	Semester	Course Title	Scheduled date No. of Days	Remarks
4.	4	MX-Road software	11 to 16 Jan 2016 - 5 days	
5.	6	ETABS software	25 to 30 Jan 2016 - 5 days	
6.	8	PRIMAVERA software	18 to 22 Jan 2016 - 5 days	

Note:

1. Every day the session begins at 9:00 am & closes at 5:00 pm in Civil Engg., CADD laboratory for batch-1 and CCP lab (main block) for batch-2.
2. In-between 1:00 - 2:00 pm lunch break 11:00 to 11:15 am & 3:00 to 3:15 pm recess.
3. Attendance & IA Test is compulsory to get certificate.
4. Students should carry their own stationeries.
5. Software back up will be provided as a student license version.


H.O.D.
Dept. of Civil Engineering
Alva's Institute of Engg. & Technology
Mijar, Moodbidri - 574 225

CV-HOD


PRINCIPAL
PRINCIPAL
Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K

Principal

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

Shobhavana Campus, Mijar, Moodabidri, Mangalore Taluk, D.K - 574225

Phone: 08258-262725, Fax: 08258-262726

DEPARTMENT OF CIVIL ENGINEERING

SYLLABUS

SCHEME			
Syllabus review committee:	Mr. Vinod, Proprietor, CADD Centre Moodbidri & Chennai (External) Prof. B Durgaprasad Baliga, Prof. H Ajith Hebbar, Prof. Surendra P (Internal)		
Course type:	Certificate	Course duration:	40 hrs or 5 days
Course title:	MX-Road software	Course semester:	4
Course Coordinator:	Prof. H Ajith Hebbar	Course dates:	11 Jan 2016 to 15 Jan 2016
SCHEDULE WITH SYLLABUS			
Day/Date	Description		
Day 1 11 Jan 2016	Introduction to Built-in CAD Capabilities of MX-Road, Create and edit CAD elements Read, write, and reference DGN and DWG files , Integrated Mapping Survey/Data Acquisition, Edit survey data graphically and dynamically.		
Day 2 12 Jan 2016	Terrain Model Creation, Terrain Model Analysis/Editing, Triangulation Analysis.		
Day 3 13 Jan 2016	Modeling using 2D/3D integration, DGN-based Geometry and Models.		
Day 4 14 Jan 2016	Interactive Coordinate Geometry, Geometric Design.		
Day 5 15 Jan 2016	Profiles and Cross Sections, Visualization , Design process of dynamic 3D models Visualize paths through the project relative to design control.		



H.O.D.

Dept. of Civil Engineering
Alva's Institute of Engg. & Technology
Mijar, Moodbidri - 574 225



AIET/IQAC/2015-16/

Date: 13/07/2015

Proposed Activity for the academic year 2015-16

As per the Notice of the IQAC, the Department of Civil Engineering is submitting the list of following activities planned for the current semester of academic year 2015-16 and seeking an approval by the IQAC to execute the same.

Sl. No.	Name of the activity	Proposed Date	Expenditure (approx)
1	A Technical talk on "Research Opportunities in Watershed Analysis, Development and Management".	Second week of August, 2015	NIL
2	A talk on How to use MS Word and PPT	Third week of August, 2015	NIL
3	A Technical talk on "Water Resources of India - A Glance".	Fourth week of August, 2015	NIL
4	A visit to Master Plannery, Puttur and Nirmithi Kendra, Surathkal, for III semester Civil Engineering students	Fifth week of August, 2015	NIL
5	Two days industrial visit to Idukki Dam, Kerala for VII semester Civil Engineering students	Fifth week of August, 2015	NIL
6	A Technical talk on "Self Compacting Concrete"	First week of September, 2015	NIL
7	A Technical talk on "Research Opportunities in Watershed Analysis, Development and Management".	Fifth week of October, 2015	NIL
8	An industrial visit to Varahi Underground Power Plant for V semester Civil Engineering students	Fifth week of October, 2015	NIL
9	Certification Course on MX-Road Software	3 rd week of January, 2016	NIL



10	Certification Course on Primavera Software	Fourth week of January, 2016	
11	Certification Course on Etabs Software	Fifth week of January, 2016	NIL
12	A visit to Asphalt Hot Mix Plant, Stone Crusher site and Slab Construction Site at Niddodi for VI semester students	Third week of February, 2016	NIL
13	Indian Patent Management System	Fourth week of February, 2016	4000/-
14	A Technical talk on "Boat Wave Erosion and its Remedial Measure- A Case Study of Allapuzha Region of Kerala State".	Fourth week of February, 2016	NIL
15	A Technical talk on "Recent Practices in Highway Engineering".	Fourth week of February, 2016	NIL
16	A Technical talk on "Solid Waste Management"	First week of March, 2016	NIL
17	A visit to RMC Ready Mix Concrete Plant near Balkampady, Mangalore for IV semester Civil Engineering	Second week of March, 2016	NIL
18	A Technical talk on "Practical Insight to Quantity Surveying, Estimation and Valuation"	Third week of March, 2016	NIL
19	A Technical talk on "Importance of Water".	Fourth week of March, 2016	NIL
20	A Technical talk on "Application of Nano Materials in Structural Engineering"	Fourth week of March, 2016	NIL
21	A visit to Flat Slab construction site and Folded Retaining Wall construction site for VIII semester students and to VI semester students	First week of April 2016	NIL
22	A visit to Sewage Treatment Plant at Cubbon Park, Bangalore, Construction of Apartment sites of Niketan Consultants, Bangalore, Visvesvaraya Technological and Industrial Museum,	Third week of April 2016	NIL

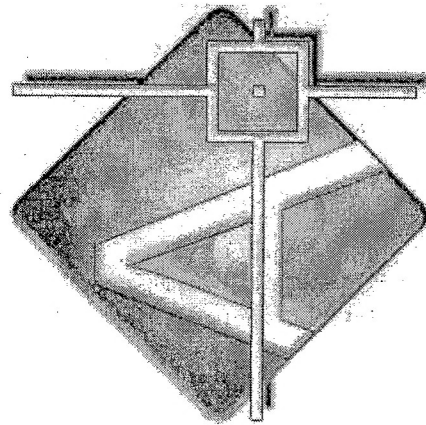
❖ Invocation

❖ Welcome Speech

❖ Inauguration

❖ Presidential Speech

❖ Vote of Thanks



TECHNOLOGY, MOODBIDRI

DEPARTMENT OF CIVIL ENGINEERING

Cordially invites you to the

Inauguration of Certification Program
On

“INTRODUCTION to MX ROAD SOFTWARE”

Resource Person: Prof. Shankargiri K S
Prof. Deviprasad
Prof. Rahasya K R
Dept. of Civil Engg.,
AIET Moodbidri

Guest of Honor: Mr. Vivek Alva
Managing Trustee

President: Dr. Peter Fernandes
Principal, AIET, Moodbidri.

Coordinator Prof. H AJITH HEBBAR
Assistant Professor

Head of the Department Prof. Durgaprasad Baliga
Associate Professor and Head

Venue: CADD Lab, Fifth Floor, AIET Civil Block @9.00AM

ABOUT VTU, BELAGAVI

Visvesvaraya Technological University is a collegiate public state university in Karnataka State, India. It was established by the Government of Karnataka. The university is named after M. Visvesvaraya from Karnataka, the only engineer to be awarded a "Bharat Ratna", the highest civilian award in India. Inana Sangama, Belagavi is the headquarters of VTU. Additionally, the university has three regional centers in Bangalore, Gulbarga and Mysore. VTU is one of the largest universities in India with 212 colleges affiliated to it with an intake capacity of over 467,100 undergraduate students and 12,666 postgraduate students. The university encompasses technical and management fields which offer 30 undergraduate and 71 postgraduate courses. It has around 1800 PhD candidates. VTU has 13 QIP centers and 17 extension centers in its affiliated colleges offering postgraduate courses. It has around 2,305 departments recognized as research centers which are spread across its affiliated institutions in cities of Karnataka.

AJET, MOODBIDRI

Alva's Education Foundation (AEF) established in 1995 with the vision of our Chairman Dr. M. Mohan Alva has succeeded in making Moodbidri, an Educational hub in the South Canara Region, with more than 25000 students pursuing various courses ranging from primary school to post-graduate courses in social sciences, pure sciences, engineering and management. There are 21 institutions functioning under the Alva's Education Foundation.

Alva's Institute of Engineering and Technology, Moodbidri is a Premier Engineering Institute of Alva's Education Foundation, established in the year 2008. The college is certified to the ISO 9001: 2008 standards. The institute offers top quality education in five under graduate programs in Engineering- Computer Science, Civil, Electronics & Communications, Information Science, and Mechanical Engineering- Three Post Graduate programs- Master of Technology in Thermal Power- Engineering, Computer Science & Engineering, VLSI Design Embedded System and Master of Business Administration.

DEPARTMENT OF CIVIL ENGINEERING

Civil engineering is a professional engineering discipline that deals with the design, construction, and maintenance of the physical and naturally built environment, including public works such as roads, bridges, canals, dams, airports, sewerage systems, pipelines, structural components of buildings, and railways.

The Bachelor's degree in Civil Engineering in AIET was started in the academic year 2009 - 10 with an intake of 60 students. The department offers a full time B.E degree course in Civil Engineering. Our department organizes seminars, workshops & Industrial visits for the benefit of students and faculty which would bring exposure of the recent trend in civil engineering. Students involve in the consultancy projects obtained through various govt. and non-govt. agencies. The infrastructure available in the department facilitates students to develop their skill and knowledge within the framework of curriculum prescribed by the Visvesvaraya Technological University.

1. Introduction to CAD
2. Road, Create and edit CAD
3. Read, write, reference DGN, DWG files
4. Integrated Mapping.
5. Survey/Data Acquisition, Edit survey data graphically and dynamically.
6. Terrain Model Creation, Terrain Model Analysis/Editing & Triangulation Analysis.
7. Modeling using 2D/3D integration, DGN-based Geometry and Models.
8. Interactive Coordinate Geometry & Geometric Design Profiles and Cross Sections.
9. Visualization, Design process of dynamic 3D models & Visualize paths through the project relative to design control.

RESOURCE PERSON

Mr. Shankargiri K S
Assistant Professor,
Department of Civil Engineering,
AIET Moodbidri

PROGRAM SCHEDULE

JANUARY 11, 2016	
Inauguration:	09:00 am to 09:30 am
Tea Break:	9:30 am to 9:45 am
Session 1:	9:45 am to 01:00 pm
Lunch Break:	01:00 pm to 02:00 pm
Session 2:	02:00 pm to 05:00 pm
JANUARY 12, 2016	
Session 3:	09:30 am to 11:00 am
Lunch Break:	01:00 pm to 02:00 pm
Session 4:	02:00 pm to 05:00 pm
JANUARY 13, 2016	
Session 5:	09:30 am to 11:00 am
Lunch Break:	01:00 pm to 02:00 pm
Session 6:	02:00 pm to 05:00 pm
JANUARY 14, 2016	
Session 7:	09:30 am to 11:00 am
Lunch Break:	01:00 pm to 02:00 pm
Session 8:	02:00 pm to 05:00 pm
JANUARY 16, 2016	
Session 9:	09:30 am to 11:00 am
Lunch Break:	01:00 pm to 02:00 pm
Session 10:	02:00 pm to 04:00 pm
Valedictory:	04:30 pm to 05:00 pm



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Department of Civil Engineering

Certification course Registered Student list for the Academic year 2015-16

SUMMARY TABLE				
Sl. No.	Semester /Year	No. of Students	Date	Topic
1.	4/2	107	11 to 16 Jan 2016	MX Road
2.	6/3	146	25 to 30 Jan 2016	ETABS
3.	8/4	105	18 to 22 Jan 2016	PRIMAVERA

MX Road

Batch 1		
Sl. No.	USN	Name of the Student
1	4AL11CV051	ABHISHEK S SHETTY
2	4AL13CV041	K. NISHAL
3	4AL13CV052	MANSOOR AHAMED
4	4AL13CV055	MUTUM SANTHOSH SINGH
5	4AL13CV130	SOUNDARYA B
6	4AL13CV131	SHASHANK GOWDA
7	4AL13CV132	JAYASHREE V
8	4AL13CV133	NAYASHRI P G
9	4AL13CV134	SANJAY B N
10	4AL14CV001	AKASH PADMANABHA S
11	4AL14CV003	ABDUL RAFAB
12	4AL14CV005	AISHWARYA V
13	4AL14CV006	AKARSH PONAPPA
14	4AL14CV007	AKSHATHA K
15	4AL14CV009	ALLWYN ELISH
16	4AL14CV011	AMUL BAKKA
17	4AL14CV012	ANANTH KUMAR S
18	4AL14CV014	ANOOP A
19	4AL14CV015	ANOOPSHASTRI S DODAWAD
20	4AL14CV016	ANTO CHAKOCHAN
21	4AL14CV017	ARCHANA GANGADHAR M
22	4AL14CV019	B VIDHYADAR RAO
23	4AL14CV020	BASANAGOWDA R PATIL
24	4AL14CV021	BASAVARAJCHANNABASAPPA
25	4AL14CV022	BEERAPPA S GIRISAGAR
26	4AL14CV023	CHETHAN G T
27	4AL14CV025	DARSHAN GOWDA G N
28	4AL14CV027	DHANYA
29	4AL14CV029	FAHEEZ AHMED
30	4AL14CV030	G M SHANKARAMOORTHY



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Department of Civil Engineering

31	4AL14CV031	GOUTHAM
32	4AL14CV032	GURURAJ PATIL G
33	4AL14CV033	HAJARESHAB DUDDUSAB
34	4AL14CV036	HEIGRUJAM JAYARANI DEVI
35	4AL14CV040	KARTHIK
36	4AL14CV041	KIRAN B SHRIWALKER
37	4AL14CV043	KRISHNA
38	4AL14CV044	LINGARAJA HEBBALI
39	4AL14CV047	MANISH R SHETTY
40	4AL14CV048	MUHAMMED FARAZ ABDUL
41	4AL14CV049	MUHAMMED RIZWAN
42	4AL14CV051	MAHAN M S
43	4AL14CV053	NAGARAJ
44	4AL14CV054	NAGPRASAD R
45	4AL14CV055	NAYANA K
46	4AL14CV056	NIDHISREE K
47	4AL14CV057	PARASURAM S S
48	4AL14CV058	POLEM NIRMALDHABA
49	4AL14CV059	POORNIMA K S
50	4AL14CV060	PRAJNA
51	4AL14CV061	PRAJWAL M
52	4AL14CV063	PRAKASHA SAPALIGA
53	4AL14CV064	PRASHANTH WURULI
54	4AL14CV065	PRATHIBHA C HIEMATH
55	4AL14CV066	PRAVEEN R

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Department of Civil Engineering

Batch 2		
1	4AL14CV067	PRIYA PRADEEP RANE
2	4AL14CV068	PUSHPA CHINDI
3	4AL14CV069	RAGHU M
4	4AL14CV070	RAHUL M R
5	4AL14CV073	RAKESH H
6	4AL14CV074	RASHMITH R SUVARNA
7	4AL14CV075	RASINA K V
8	4AL14CV076	RATAN LAXMAN J
9	4AL14CV077	RAVI SHANKAR B
10	4AL14CV078	SABAREDDY
11	4AL14CV079	SAHANA PRIYA A
12	4AL14CV081	SANATH K V
13	4AL14CV082	SANGAMESH
14	4AL14CV083	SANJAYKUMAR NATIKAR
15	4AL14CV085	SANTOSH H
16	4AL14CV087	SHILPA GS
17	4AL14CV090	SRIGURU M S
18	4AL14CV091	SHRUTHI S N
19	4AL14CV092	SNEHA GEORGE
20	4AL14CV093	SOWMYASHREE D
21	4AL14CV095	SREENATH REDDY
22	4AL14CV096	SHRIKANT SANGANNA T
23	4AL14CV098	SUHAIB ALI K A
24	4AL14CV099	SUNIL KUMAR K B
25	4AL14CV101	SUSHMA KRISHNASE RAIBAGI
26	4AL14CV102	TANUJA K L
27	4AL14CV103	TEENAANTONY
28	4AL14CV104	VARSHA RAMA GUNAGI
29	4AL14CV105	VARUNA B H
30	4AL14CV109	YASHASWINI NAGARAJ
31	4AL14CV110	YENGKHOM MILANKUMAR
32	4AL15CV400	AKSHAYA KUMNAR D
33	4AL15CV401	ANIL KORIGANNAVAR R
34	4AL15CV402	BASAVA REDDY
35	4AL15CV403	MADHURI YARAGANAVI
36	4AL15CV404	MOHD. SAHUL HAMMED
37	4AL15CV405	MUTTURAJ L ANNIGERI
38	4AL15CV406	NALINA M E
39	4AL15CV407	PRAVEEN KUMAR R
40	4AL15CV408	PUNITH N
41	4AL15CV409	RAJASHEKHARA H
42	4AL15CV410	RAJESH H KAMBLI
43	4AL15CV411	RAJESH R N
44	4AL15CV412	RAJU LAMANI
45	4AL15CV413	ROHITH SK
46	4AL15CV414	SACHIN P
47	4AL15CV415	SAGAR M S
48	4AL15CV416	SANJEEV KUMAR S



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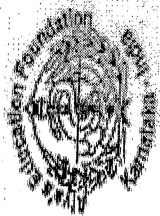
Department of Civil Engineering

49	4AL15CV417	VEERESH WALI
50	4AL15CV418	VENKATESH CS
51	4AL15CV419	VISHWA R
52	4AL15CV420	YALLALING

Mona

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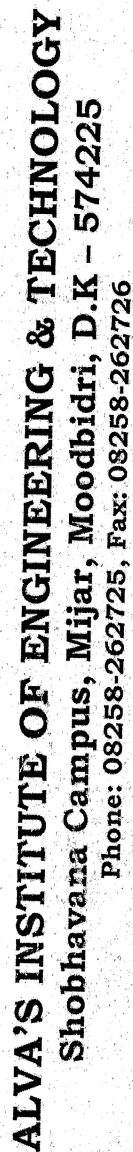
MX ROAD - Batch1

11/01/2016- 16/01/2016

Academic Year 2015-16

2nd year

Sl. No.	USN	Name of the Student	11/01	FN	AN	12/01	FN	AN	13/01	FN	AN	14/01	FN	AN	16/01	FN	AN
1	4AL11CV051	ABHISHEK S SHETTY	P		P	P		P	P		P	P		P	P		P
2	4AL13CV041	K. NISHAL	P		P	P		P	P		P	P		P	P		P
3	4AL13CV052	MANSOOR AHAMED	A		P	P		P	P		P	P		P	P		P
4	4AL13CV055	MUTUM SANTHOSH SINGH	P		P	P		P	P		P	P		P	P		P
5	4AL13CV130	SOUNDARYA B	P		P	P		P	P		P	P		P	P		P
6	4AL13CV131	SHASHANK GOWDA	P		P	P		P	P		P	P		P	P		P
7	4AL13CV132	JAYASHREE V	P		P	P		P	P		P	P		P	P		P
8	4AL13CV133	NAYASHRI P G	P		P	P		P	P		P	P		P	P		P
9	4AL13CV134	SANJAY B N	P		P	P		P	P		P	P		P	P		P
10	4AL14CV061	AKASH PADMANABHA S	P		P	P		P	P		P	P		P	P		P
11	4AL14CV003	ABDUL RAFAB	P		P	P		P	P		P	P		P	P		P
12	4AL14CV005	AISHWARYA V	A		P	P		P	P		P	P		P	P		P
13	4AL14CV005	AKARSH PONAPPA	P		P	P		P	P		P	P		P	P		P
14	4AL14CV007	AKSHATHA K	P		P	P		P	P		P	P		P	P		P
15	4AL14CV009	ALLWYN ELISH	P		P	P		P	P		P	P		P	P		P
16	4AL14CV011	AMUL BAKKA	P		P	P		P	P		P	P		P	P		P
17	4AL14CV012	ANANTH KUMAR S	P		P	P		P	P		P	P		P	P		P
18	4AL14CV014	ANOOP A	P		P	P		P	P		P	P		P	P		P
19	4AL14CV015	ANOOPSHASTRI S DODAWAD	P		P	P		P	P		P	P		P	P		P
20	4AL14CV016	ANTO CHAKOCHAN	A		P	P		P	P		P	P		P	P		P
21	4AL14CV017	ARCHANA GANGADHAR M	P		P	P		P	P		P	P		P	P		P
22	4AL14CV019	B VIDHYADAR RAO	P		P	P		P	P		P	P		P	P		P
23	4AL14CV020	BASANAGOWDA R PATIL	P		P	P		P	P		P	P		P	P		P
24	4AL14CV021	BASAVARAJCHANNABASAPPA	P		P	P		P	P		P	P		P	P		P



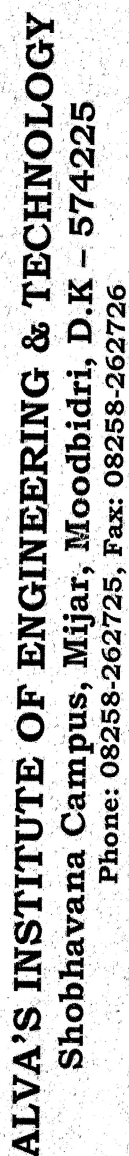
DEPARTMENT OF CIVIL ENGINEERING

MX ROAD - Batch 2

11/01/2016- 16/01/2016

Academic Year 2015-16

2 nd year			Intermediate I Cal 2013-14																	
Sl. No.	USN	Name of the Student	11/01	FN	AN	11/01	FN	AN	12/01	FN	AN	13/01	FN	AN	14/01	FN	AN	16/01	FN	AN
1	4AL14CV067	PRIYA PRADEEP RANE		P			P		P		P		P		P		P		P	
2	4AL14CV068	PUSHPA CHINDI		P			P		P		P		P		P		P		P	
3	4AL14CV069	RAGHU M		P			P		P		P		P		P		P		P	
4	4AL14CV070	RAHUL M R		P			P		P		P		P		P		P		P	
5	4AL14CV073	RAKESH H		P			P		P		P		P		P		P		P	
6	4AL14CV074	RASHMITH R SUVARNA		P			P		P		P		P		P		P		P	
7	4AL14CV075	RASINA K V		P			P		P		P		P		P		P		P	
8	4AL14CV076	RATAN LAXMAN J		P			P		P		P		P		P		P		P	
9	4AL14CV077	RAVI SHANKAR B		P			P		P		P		P		P		P		P	
10	4AL14CV078	SABAREDDY		P			P		P		P		P		P		P		P	
11	4AL14CV079	SAHANA PRIYA A		A			P		P		P		P		P		P		P	
12	4AL14CV081	SANATH K V		P			P		P		P		P		P		P		P	
13	4AL14CV082	SANGAMESH		P			P		P		P		P		P		P		P	
14	4AL14CV083	SANJAYKUMAR NATIKAR		P			P		P		P		P		P		P		P	
15	4AL14CV085	SANTOSH H		P			P		P		P		P		P		P		P	
16	4AL14CV087	SHILPA GS		P			P		P		P		P		P		P		P	
17	4AL14CV090	SRIGURU M S		P			P		P		P		P		P		P		P	
18	4AL14CV091	SHRUTHI S N		P			P		P		P		P		P		P		P	
19	4AL14CV092	SNEHA GEORGE		P			P		P		P		P		P		P		P	
20	4AL14CV093	SOWMYASHREE D		P			P		P		P		P		P		P		P	
21	4AL14CV095	SREENATH REDDY		P			P		P		P		P		P		P		P	
22	4AL14CV096	SHRIKANT SANGANNA T		P			P		P		P		P		P		P		P	
23	4AL14CV098	SUHAIB ALI K A		P			P		P		P		P		P		P		P	
24	4AL14CV099	SUNIL KUMAR K B		A			P		P		P		P		P		P		P	

[illegible]



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Summary

Day 1: 11 Jan 2016

The program was inaugurated by the HOD & Principal at 9:05 am with a student, later the certification course was briefly instructed by the principal and HOD to the gathering. The motivational speeches by both dignitaries lead the students to be enthusiastic and energized the mob.

The session started at 9:35 am by Prof. Shankargiri K S started to teach the theory of roads and difference between roads and highways in terms of material usage and its construction, the tools and working environment of MX Road was initially taught by M. Elangoan from CADD Centre Chennai.

Day 2: 12 Jan 2016

The session was started by Prof. Rahasya K R on IRC codes pertaining to the design of roads.

In the afternoon session tools were taught to model the roads.

Day 3: 13 Jan 2016

The session was started by Prof. Deviprasad on failure of roads and its analysis.

Day 4: 14 Jan 2016

The session was started by Prof. Shankargiri on the solutions of road failure with respect to geotechnical aspects and its permissible stresses in the software.

Day 5: 15 Jan 2016

The session was started by Prof. Rahasya K R on preparation of reports and drawings.

In the afternoon session concluding remarks done by the students.

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Note: All questions are compulsory.

1. Interpolation is made possible by a principle called

1. Spatial Autocorrelation
2. Spatial auto-correction
3. Thematic Autocorrelation
4. Thematic auto-correction

2. Which of the following is indicated by a warning sign ?

- a) level crossing
- b) no parking
- c) end of speed limit
- d) overtaking prohibited

3. When a number of roads are meeting at a point and only one of the roads is important, then the suitable shape of rotary is

- a) circular
- b) tangent
- c) elliptical
- d) turbine

4. For highway geometric design purposes the speed used is

- a) 15th percentile
- b) 50th percentile
- c) 85th percentile
- d) 98th percentile

5. The provision of traffic signals at intersections

- a) reduces right angled and rear end collisions
- b) increases right angled and rear end collisions
- c) reduces right angled collisions but may increase rear end collisions
- d) reduces rear end collisions but may increase right angled collisions

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6. The binder normally used in flexible pavement construction is

- a) cement
- b) lime
- c) bitumen
- d) none of the above

7. Which of the following is true about 'Ordinal Data Values'

- 1. They are data values that can be put in some natural sequence but that do not allow any other type of computation
- 2. An example of Ordinal data value is classifying household income as 'low', 'average' or 'high'
- 3. None of the above
- 4. Both '1' & '2'

8. Which of the following relationships is correct

- 1. Point : (0-Simplex)
- 2. Line segment : (1-simplex)
- 3. Triangle : (2-simplex)
- 4. Tetrahedron : (3-simplex)
- 5. All of the above

9. The terrain may be classified as rolling terrain if the cross slope of land is

- a) upto 10%
- b) between 10% and 25%
- c) between 25% and 60%
- d) more than 60%

10. In case of hill roads, the extra widening is generally provided

- a) equally on inner and outer sides of the curve
- b) fully on the inner side of the curve
- c) fully on the outer side of the curve
- d) one-fourth on inner side and three-fourth on outer side of the curve

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY Shobhavana Campus, Mijar, Moodbidri, D.K - 574225 Phone: 08258-262725, Fax: 08258-262726 Department of Civil Engineering				
FEEDBACK				
Handwritten on ETABS software			25 to 30 JAN 2016	
Sl.NO	Description	POOR	AVERAGE	GOOD
1	Topic title		✓	
2	Communication of faculty		✓	
3	Explanation & Examples of Software theory			✓
4	Knowledge of the faculty towards Software / Course			✓
5	Faculty Interaction with students			✓
6	Software Clarifications in the Lab			✓
7	How was the entire Software training program?			✓
8	Rate the sessions in the scale of 5	5		
Total =			2	5

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FEEDBACK				
Handwritten on ETABS software			25-30 Jan 2016	
Sl.NO	Description	POOR	AVERAGE	GOOD
1	Topic title		✓	
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5	Faculty Interaction with students		✓	
6	Software Clarifications in the Lab			✓
7	How was the entire Software training program?			✓
8	Rate the sessions in the scale of 5		4	
Total =			4	3

Handwritten signature/initials

H.O.D.
Dept. of Civil Engineering
Alva's Institute of Engg. & Technology
Mijar, Moodbidri - 574 225

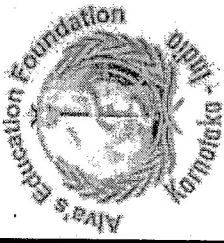
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Certificate

This is to certify that Mr./Ms. bearing the
USN from has attended
the Students Training Program on "MX-Road" from 11th
January 2016 to 16th January 2016.

Mr. Surendra P
Coordinator

Prof. B Durgaprasad Baliga
Head of the Department
Civil Engineering

Dr. Peter Fernandes
Principal
AIET Moodbidri



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Email : principalaiet08@gmail.com, Web: www.aiet.org.in

Ref: AIET/CV/STTP/2015-16/

Date: 11/01/2016

From,

Dr. Peter Fernandes

Principal

Alva's Institute of Engineering & Technology,

Moodabidri - 574225

To,

Mr. Vinod

Propperitor

CADD Centre Moodbidri

Dear Sir,

Sub: Acknowledgment Letter -Reg.

On behalf of the Management and faculties, I extend my heartfelt gratitude for your suggestions in framing the syllabus for certification courses in the Civil Engineering Department. Looking forward to your support and cooperation in all our future ventures.

With regards,

Dr. Peter Fernandes

Principal

PRINCIPAL

Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K.



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