2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Dr. JJMCOE has given more emphasis on various teaching strategies that include experiential/field learning, blended learning, participatory learning, and problem-solving approaches. These techniques assist students in transforming themselves for employment, entrepreneurship, or higher studies.

Blended learning includes NPTEL videos, YouTube videos, Online Certification courses, and online lectures conducted using Google meet/Microsoft Teams etc.

Experiential/Field learning includes hands-on Workshops, Industrial Internships/Trainings, Industrial visits, in plant training, Virtual Labs and seminars, etc.

Problem solving methodologies – Include Assignments/Tutorials, Projects, Quizzes, and Case Studies. Students are motivated to take-up real time industry problems and are made to give presentations on internships undergone. Case studies are included in many courses and help students to correlate the theoretical aspects with the practical situations. Students are encouraged to solve assignments to improve their problem-solving approach.

Participative Learning – includes organization and participation of students in technical events and acquiring course certifications. Students are encouraged to enroll in various lab-oriented MOOCs, organize technical events, participate in national-level technical events (Hackathon, DIPEX, TI Innovation challenge, Mitsubishi Cup, etc.), and are motivated to be part of Professional/Student Chapters.

Learning Method and ICT tools used

Sr. No.	Learning method	ICT tool
1	Class Room Learning	[✓ PPTs / Study material]
2	Blended Learning	• NPTEL videos, • You tube and other academy videos • [✓ Value Added Courses] • Google meet, Microsoft Teams for online lectures. • E journal & E books • Open source Library
3	Experiential / Field learning	• Study of software in syllabus • Virtual Labs • [✓ Industrial visits] • In plant Training • [✓ Internship] • Augmentation Programs
4	Participative Learning	• [✓ Projects] • Mini Project • [✓ Seminar] • [✓ STTP/FDP attended] • [✓ STTP/FDP Organized] • [✓ Expert / Guest Conducted] • [✓ Participation in Tech event]
5	Problem Solving Methodologies by ICT	• [✓ Tutorial] • [✓ Assignments] • [✓ Quizzes] • [✓ ERP Soft ware]

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Civil Engineering Department

Sample of PPTs Used for teaching Course

INDEX

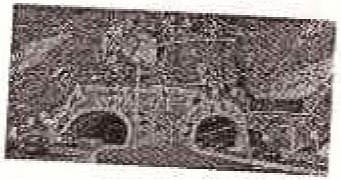
Sr. No.	Class	Subject	Name Of Faculty
	Sem I		
1.	B. Tech	Transportation Engineering I	Prof. Mrs. A. P. Chaugule
		Quantity Survey and Valuation	Dr. D. B. Desai
	Sem II		
	B. Tech	Construction Practices	Dr. D. B. Desai
		Water Resources Engineering II	Prof. Ms. S. S. Khot
	Sem I		
2.	T.Y.	Water Resources Engineering I	Prof. Ms. S. S. Khot
		Environment Engineering	Prof. Mrs. D. A. Latthe
	Sem II		
	T.Y.	Engineering Management	Prof. Mrs. S. P. Madnaik
		Open Elective II SWCT	Prof. Mrs. D. A. Latthe
	Sem I		
2.	S.Y.	Fluid Mechanics I	Prof. V. A. Patil
		Building Construction Materials	Prof. Mrs. D. A. Latthe
	Sem II		
	S.Y.	Surveying II	Prof. A. S. Sajane
		Fluid Mechanics II	Prof. V. A. Patil

UNIT 6

Tunnel Engineering

What is Tunnel?

- **Definition**- Tunneling is defined as artificial passage, gallery, roadway which is constructed below the ground for the transportation of water, sewage, passengers, goods, gas etc.
- It is passage constructed without disturbing ground surface
- The methods involved in this type is tunnel driving.
- Tunnel is constructed through hills, below the ground, rivers etc.



MAGDUM COLLEGE OF

ADVANTAGES OF TUNNELING

- Tunnels are more economical than open cuts beyond certain depths
- Tunnels avoid disturbing or interfering with surface life and traffic during construction
- Tunnels prove to be cheaper than bridges or open cuts to carry public utility services like water, sewer and gas
- If tunnels are provided with easy gradients, the cost of hauling is decreased
- In case of aerial warfare and bombing of cities, the tunnels would grant better protection as compared to bridges

- **Advantages:**
  - Safety from external attack, bomb attack
  - Transportation of public utility
  - Fast mode of transportation
  - Advance method to avoid settlement
  - Pavement is not expose to atmosphere so wearing can be avoided

Disadvantages

- Time required is more
- Costly
- Pavement are start settling due to seepage of water
- Specialization equipment and supervision required

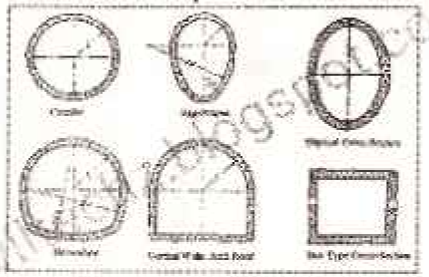
TUNEEL SIZE AND SHAPE

- The size and shape of a tunnel depend upon the nature and type of ground it passes through and also on whether it is designed to carry a single or a double railway line.
- The shape of a tunnel should be such that the lining is able to resist the pressures exerted by the unsupported walls of the tunnel excavation.

- If the ground is made up of solid rock, then the tunnel can be given any shape.
- Tunnels in rocky terrains are generally designed with a semicircular arch with vertical sidewalls.
- In the case of soft ground such as that consisting of soft clay or sand, the pressure from the sides and the top must be resisted

- Circular - best for resist external and internal forces, greater c/s area, Water and sewage
- Elliptical -Water and sewage mains
- Egg Shape- For sewage, smaller c/s as bottom help to maintain self cleansing velocity in dry and storm flow
- Segmental- use for subway, navigation aids
- Horseshoe- Combination of arch or segmental and circular tunnel. Suitable for soft rock, used for Roads and railways
- Arched roof with vertical walls -Roads and railways
- Polycentric cross section- Roads and railways

Different Shapes of the Tunnel



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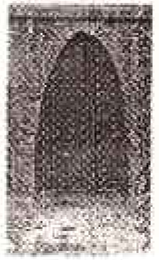
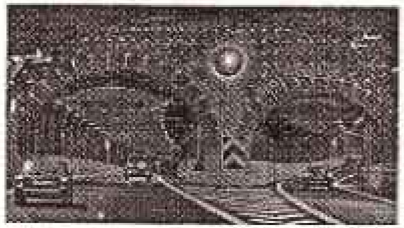




Size of Tunnel-

Factors determining size of tunnel-

-Volume & type of traffic

- Size of clear opening required
- Thickness of using
- Drainage facility

- **Selection of route for tunnel:**
- Topography
- Easiness in securing right of way
- Ground condition
- Disposal of exhaust gas, ground water and muck

Properties of particular interest during geological investigation

- Orientation of rock
- Thickness of individual layer
- Mineralogical investigation
- Bond investigation
- Bulk density of rock
- Temp condition
- Rock for slide and other hazard possible
- Bearing and tensile strength of various rock

Classification

According to purpose

i) Traffic tunnel

1. Railway
2. Highway
3. Navigation
4. Subway
5. Pedestrain

ii)Conveyance tunnel

1. Water supply
2. Hydropower
3. Sewage
4. Tunnel for industrial use

According to type of material

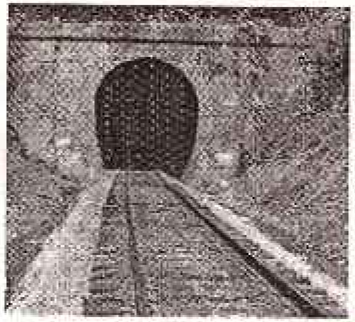
1. In hard rock
2. In soft rock
3. In quick sand
4. Uder river bed

According to position of alignment

1. Base tunnel
2. Spiral tunnel

Slope

Horse shoe shaped



Geological Investigation

- Topographically :-
- Ground water condition :-
- Permiability :-
- Structural constitution:-
- Liable to failure by sliding ,creep or subsidence.
- Trend and rate of weathering :-
- In catchment area is of considerable importance

Character of material

- Hard Rock-

  Have sufficient cohesion, stand vertically, help in determining lining is required or not

Material- Granite, Feldspar, basalt

- Soft Rock-

Supported by timber, cohesion is less, need strong lining,

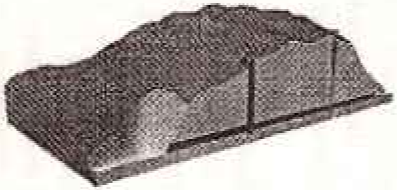
material – sand stone, laminated clay, volcanic rock

- Very soft rock-

Material- Gravel, Sand, clay

Shaft

- When length can small it can be constructed by excavation
- The vertical opening along alignment is shaft



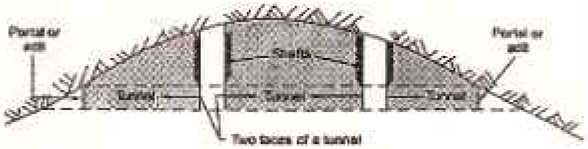

Portal or adit
Shafts
Tunnel
Tunnel
Tunnel
Portal or adit
Two faces of a tunnel

Fig. 30.11 Tunnel shafts

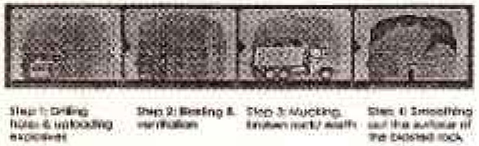
Purpose of shaft

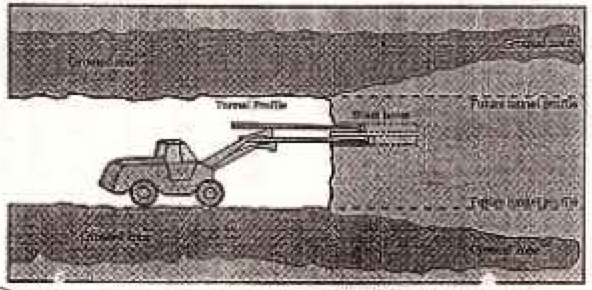
- To start excavation from both side
- To provide adequate natural ventilation
- To remove excavated material
- To provide passage for construction tools, machinery
- To transfer entre line inside tunnel

Construction of shaft

- Drilling and blasting
- Mucking
- Timbering
- Pumping

Drill & Blast Method


Step 1: Drilling holes & uploading explosives
Step 2: Blasting & ventilation
Step 3: Mucking, broken rock/ earth
Step 4: Smoothing out the surface of the blasted rock.


Tunnel Profile
Blast holes
Future tunnel profile

igure 4 Sketch showing the drilling of blast holes after the completion

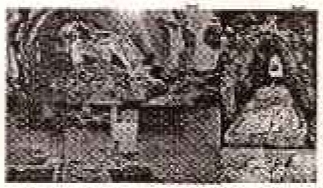
- Shaft are used for ventilation after construction of tunnel, they are also used to accommodate the pipes of fan during construction of work
- A vertical or inclined tunnel from surface for conveyance of men, material, hoisting ore, pumping water and providing ventilation.
- It is also called as Shaft Construction and Shaft mining

Drilling and blasting

- Number of holes are drilled into rock
- They are filled with explosive
- Detonating explosive causes the rock to collapse
- Rubble is removed and new tunnel is reinforced
- Repeating this step eventually create a tunnel

Mucking

- The operation of loading broken rock by hand by machine drilling usually in shafts tunnel removed from tunnel, this process is known as mucking
- Muck- is useless material produced in mining



Timbering

SUPPORTING

- After initial mining , tunnel need supports for further processing .
- For the sake of life a perfect planning is needed for support.
- In ancient time timber and masonry were the main methods.
- Today support is provided by injecting final pipe or building it completely before further tunneling

Pilot tunnel

- Pilot tunnel is defined as tunnel constructed parallel to main tunnel and join to main tunnel by cross cut

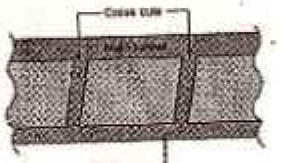
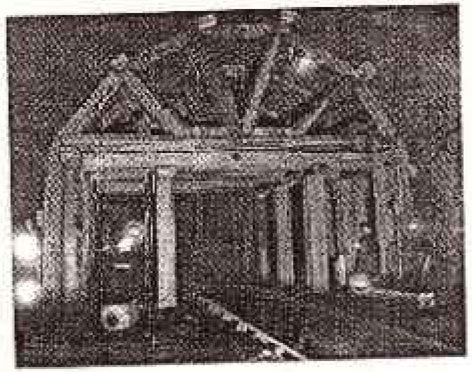


Fig. 30.6 Pilot tunnel

Methods

- Full face method
- Heading & benching
- Drift Method



Advantages

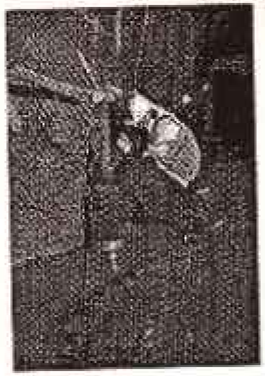
- Area for storage of tools and material
- Reduced the cost as compared to shaft
- Passage for worker to carry out repair and maintenance
- Dangerous of falling of material an be avoided

If pilot tunnel are used

Full face method

- The method of attacking face will depend upon size and shape of tunnel, avajlable equipment, type of rock, extent of timbering. Required
- Popular tunneling in hard rock
- It means whole face of tunnel is attack at same time
- This Method **Conveniently Adopted** For Tunnels Of **Small Cross Section Area** Through Stable And Self Supporting Rocks And Whole Section Or Full Section Attacked **At A Time.**

Pumping



Tunnel construction

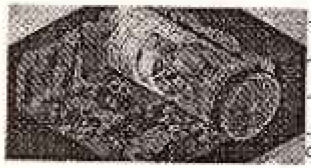
- Hard rock:

While boring hard rocks, first workers dig a small hole on rock and place explosives in it. After deteneratíng it, the remove the muck, and repeat the same till it advance a little bit,and It's only thenthe start the operation using a TBM.

Full face method

- At Present Techniques **Shield** And Tunnel Boring Machine **(TBM)** Are Popular And Well Suited For Full Face Excavation In Different Ground Condition And Various Shapes And Size.
- This Method Useful When **Diameter Less Than 6 m** And **Face Area Less Than 19 m^2**
- As Further Increase In Diameter And Area Result In Difficult Construction And Costly.

Advantages Of Full Face Method



-Simplicity As Minimum Equipment's Required.

-Minimize The Total Magnitude Of Ground

-Disturbance And Settlement.

-Full Face Method Is Easily And Speedy Completion.

-In Full Face Method Mucking Track Laid Once For Full Operation.

-Full Face Method Is One Of The Methods Of Tunneling In Rock.

Advantages Of Heading And Benching Method

- In This Method Drilling And Mucking **Done Simultaneously.**
- **Less Quantity Of Explosive** Required As Compared To Full Face Method.

Disadvantages Of Heading And Benching Method

- In Heading And Benching Method **Removal Of Muck** From Heading Is Difficult.
- Heading And Benching Method Is One Of The Methods Of Tunneling In Rock.

Advantages Of Drift Method

- A Small Preliminary Section For The Full Length Has Been Accurately Driven, Which Economies Construction.
- Elaborate Supporting Platforms Not Necessary For Drilling Openrations.
- It Provides **Good Ventilation** For Workers.

Disadvantages Of Drift Method

- The Enlargent Can Not Started Until Central Hole Constructed For Full Length.
- Mucking Tracks Required To Shift Frequently, Bench to Bench.
- This Method **Extremely Costly.**

Heading And Benching Method

- This Method Involves **The Drilling Of The Top Portion** In Advance Of Bottom Portion.
- If Rock Is Hard And Self Supporting, Then Top Heading Advances Ahead By One Round Over The Bottom, So That Heading And Benching Follow Each Other.
- In One Blast **One Heading** And **One Benching** Are Blasted With Few Seconds Time Lag.
- Heading And Benching Method Suitable For **Soft Rock Tunneling** Of Medium And Average Size.
- It is used when tunnel section is very large and quality of rock is not satisfatory

Drift Method

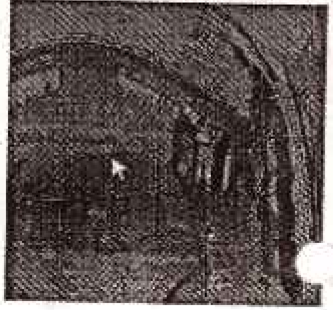
- Drift Method Consist Driving Small Sized **Heading, Centrally At Top Or Bottom** Of Face, Which **Later Enlarged By Widening And Benching.**
- This Method Suitable For **Large Sized Tunnels In Difficult** Or In **Hard Rock.**
- Top Drift Method Is Popular And Involves Operation Like,

-Boring And Blasting A Top Centre Of Drift
-Widening And Enlarging The Drift
-Benching In Stages

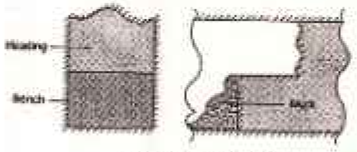
METHODS OF TUNNELLING IN SOFT ROCK

- **Following methods can be adopted for tunnelling in soft rock -**

1)Needle beam method
2)Fore polling method
3)Line plate method
4)Shield method



Heading And Benching Method



Heading and Bench method

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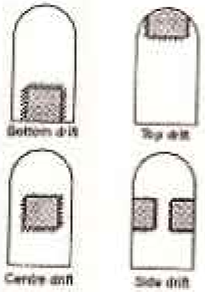
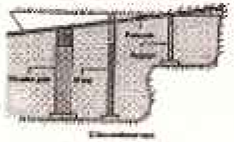
Drift Method



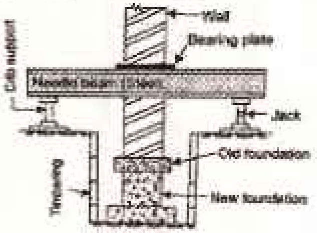
Fore polling method

- Frame in A shape prepared and placed near face of tunnel covered with plank
- Poles are inserted from top and continued to depth up to which easily taken up
- Tunneling operation carried out from ground



Needle beam method

- Needle beam consist of shout timber beam or composite fletched beam and form main temporary support during excavation


Wall
Bearing plate
Crib support
Needle beam (steel)
Jack
Old foundation
Timbering
New foundation

(a) Vertical section

Line plate METHOD

- In this timbering is replaced by pre stressed steel plate of standard sizes

- Advantage of this
- It is light
- Easy to handle
- Lager than timber piece
- Required less no. of joints
- They are fire proof
- Skilled by any labour

Shield method

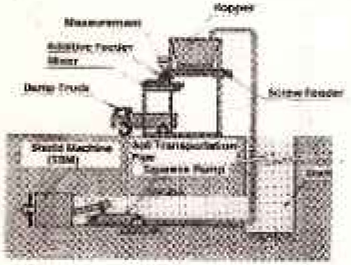
- It is used for soft rock
- Shield is movable frame which support the face of surface and ground immediately behind face

- The main component of shield are

1.Skin- The outer envelope is usually circular inform consisting of steel plate. It should be sufficiently strong to prevent any deformation during excavation

2.Cutting Edge- Mounted in front of skin which is made of cast steel pushed into the face and cuts the surface to required shape of tunnel by the cutting edge

Shield method


Hopper
Measurement
Additive Feeder
Mixer
Dump Truck
Screw Feeder
Shield Machine (TBM)
Soil Transportation Pipe
Squeeze Pump
Shaft

Stages for Shield tunneling

-Excavation

-Material conveyed to mucking unit by belt conveyor

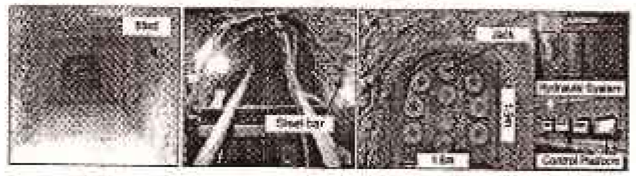
-Assembly of primary lining
-Formation of holes is primary lining

-Grouting through holes
-Moving of shield in forward direction

-Muck is removed

3.Propelling Jack/ Hydraulic Jack

- The series of powerful hydraulic jack is mounted inside of skin.
- This jack are used in pushing the shield forward as the excavation beings


Skid
Steel bar
Jack
Hydraulic System
Control Platform

(a) (b) (c)

4.Hood

- Hood is forward extension at the top which provides protection, the minor working in forward section hood are very much essential in soft soil (Gravel)

5.Tail/Rail portion

- It is backward most portion of the shield which can accommodate generator set, cement gun, compressor unit, wielding set, primary lining provision

Safety measure

- Lighting and ventilation facility
- Soft strata support with quality material
- Good first aid facility should be provided with 1 doctor available at all time
- Explosives must be handle with care
- All tool and equipment kept in good working condition
- Open flames, electrical short circuit avoided
- Fire fighting services must be always kept ready
- Scaling (when blasting the material some material is loosened that material is hammered so as to check the loose material if any))

Ventilation

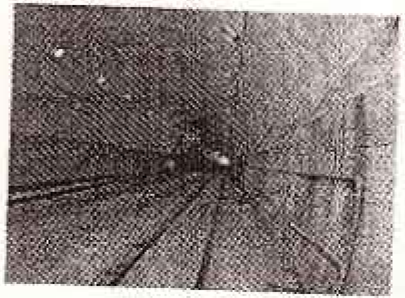
- It is defined as supply of air and light considering no. of worker in tunnel
- Requirement-
- Fume from blasting must be clear quickly
- Prevention of accumulation of dangerous concentration of fumes
- To provide atmosphere in which men can work comfortably and efficiently
- Volume of air required depend on

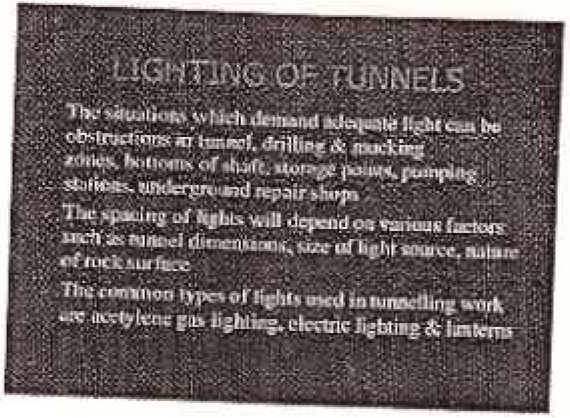
Size of tunnel, amount of explosive use, frequency of blasting

Natural & Artificial Ventilation

- Natural Ventilation-
- Artificial Ventilation-
- Blowing
- Exhausting/ Vacuum process
- Combine Blowing/ exhuasting

Tunnel Drainage



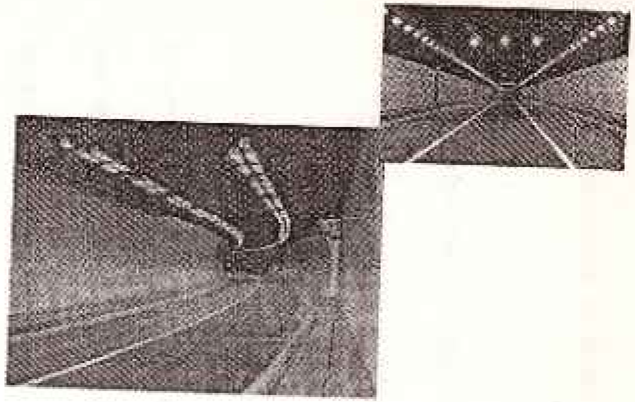


LIGHTING OF TUNNELS

The situations which demand adequate light can be obstructions in tunnel, drilling & mucking zones, bottoms of shaft, storage points, pumping stations, underground repair shops

The spacing of lights will depend on various factors such as tunnel dimensions, size of light source, nature of rock surface

The common types of lights used in tunnelling work are acetylene gas lighting, electric lighting & lanterns



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ASSOCIATE PROFESSOR & Dean, R&D,
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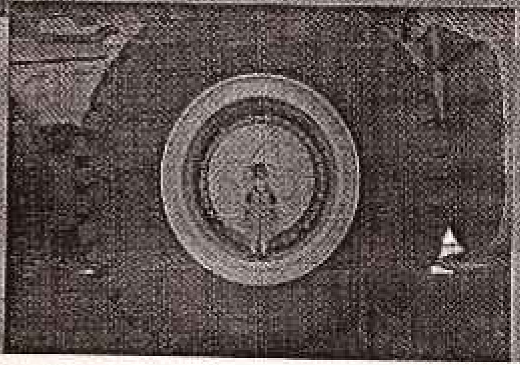
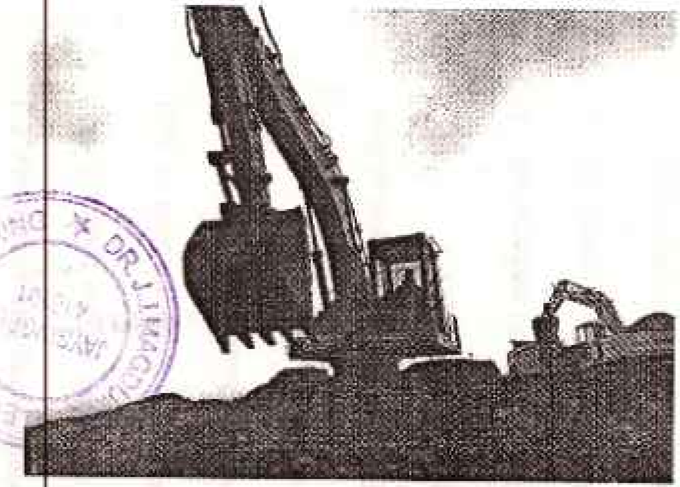
Dr. J. J. MAGDUM COLLEGE OF
ENGINEERING, JAYSINGPUR

100 TONNER DUMPER



EARTH MOVING EQUIPMENT

- TRACTOR
- DOZER
- EXCAVATING EQUIPMENT (SHOVEL)
- TRENCHING MACHINES
- SCRAPPER



Logos construction

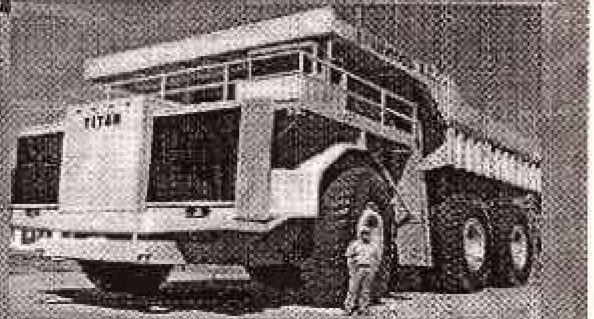
CASE CAT JOHN DEERE
KOMATSU HITACHI KOBELCO
MITSUBISHI VOLVO DRESSER
Bobcat. NEW HOLLAND WACKER HYUNDAI
IR Ingersoll-Rand SAMSUNG PH
DROTT DEUTZ GM
DETROIT DIESEL Perkins

TRACTOR

- Types / Performance characteristics types

  1. Cravler type
  2. Wheel type

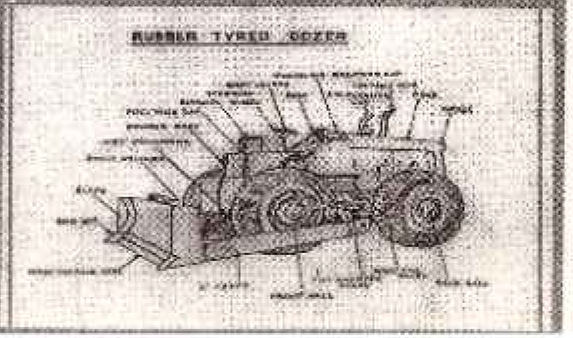
100 TONNER DUMPER



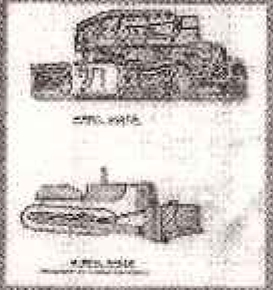
TYPES OF EQUIPMENT

- EXCAVATING
- HAULING
- HOISTING
- DRESSING
- CONVEYING
- DRILLING
- CRUSHING
- DEWATERING
- COMPRSSION

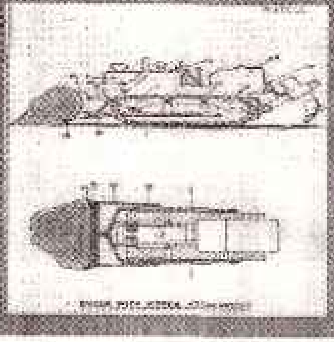
DOZER



DOZER – EFFECTIVE VERSATILE EARTH MOVER



DOZER WITH RIPPER ATTACHMENT



DOZER

Applications
- Stripping
- Pioneering & side hill cut
- Ditching
- Back filling
- Rock & frozen ground clearing
- Spreading
- Blade to blade dozing

DOZER

Types of dozer
1.Bull dozer
2.Angle dozer

Blade types
1.Cable operated
2.Hydraulically controlled

DOZER

Types of Blade

1. S blade
2. A blade
3. U blade
4. C blade

DOZER

Factors affecting production rate (output)

- Blade type
- Type & condition of material
- Cycle time

DOZER

Used in following operations:
Clearing land of timber & stumps
Opening pilot roads
Moving earth for short haul distance
Helping tractor pulled scrapper
Spreading earth & rock fils
Backfilling trenches

DOZER

Operational adjustments of blade

1.Titing– one side lifting

2.Pitching– changing angle of attack

3.Angling– turning the blad

DOZER

Production rate

$$\frac{60}{\text{Cycle time in min.}} \times \text{blade load}$$

SHOVEL (Excavating Equipments)

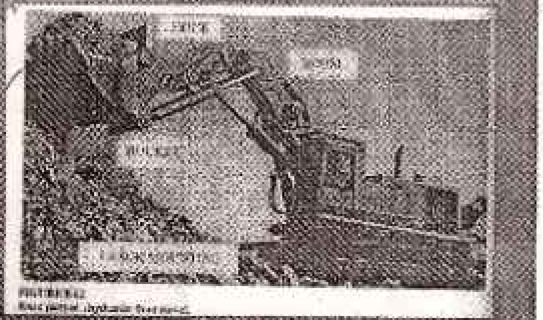
1.Dipper Shovel or power shovel

2.Back hoe or hoe

3.Dragline

4.Clam shell

Shovel

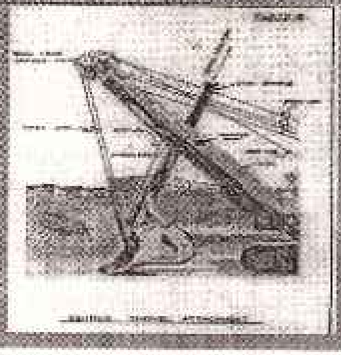


CONSTRUCTION EQUIPMENT

RISK INVOLVED

- HUGE RESOURCE INVESTMENT
- CONTINUITY OF WORK
- TRAINED OPERATORS
- LOSS OF VALUE
- CLIMATIC CONDITION
- EFFICIENT MANAGEMENT OF INVENTORY
- EQUIPMENT SHOULD EARN FOR ITSELF AS WELL AS OWNER

Dipper Shovel or power shovel



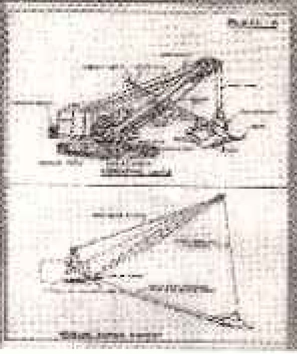
Techno economic factors affecting selection of size of power shovel (Bucket)

- Quantity of work
- Depreciation expenses
- Down time cost
- Cost of wages per cum
- Ownership & operational expenses
- Cost of drilling, blasting & excavation
- Size of hauling unit
- Type of material

CONSTRUCTION EQUIPMENT RISKS

- FINANCING MECHANISM
- CONSTRUCTION ACTIVITY LEVELS
- LABOUR REGULATIONS
- SAFETY
- TIME VALUE OF MONEY

Power Shovel



CONSTRUCTION EQUIPMENT

- DISTRESSED CONDITION
- STRINGENT LABOUR LAWS
- IDLE INVESTMENT OF CONTRACTOR CAN BE MINIMIZED

EQUIPMENT PLANNING

- DIRECTLY LEADS TO PROFIT / LOSS
- PRODUCTIVITY
- VARIOUS COSTS ASSOCIATED
- ENGINEERING FUNDAMENTALS
- ACTUAL SITE CONDITIONS viz. WATER TABLE, DEPTH OF CUTS, SITE DIMENSIONS

EQUIPMENT PLANNING PROCESS

REQUIRED FOR

- PRODUCTION ACHIEVEMENT
- COST CONTROL
- COMMITMENT
- CONSISTENCY
- COORDINATION

EQUIPMENT PLANNING

- PAYLOAD
- HAUL ROUTE
  TRAVEL DISTANCE
  BEARING CAPACITY
- ROLLING RESITANCE-TRACK RESISTANCE
- SOFT SOIL HIGHER RESISTANCE
- SELECTION OF TYRES /CRAWLERS

COST

- SECOND TO LABOUR COST IN TERMS OF UNCERTAINITY AND OUTCOME
- MEANS OF EMPLOYMENT

1. PURCHASE
2. LEASE
3. RENTED

STEPS IN EQUIPMENT PLANNING

- ANALYSE , ESTABLISH THE SCOPE AND FEASIBILITY AND LIMITATIONS W.R.T.

TIME

MONEY

LOCATION

COMPETITION FOR RESOURCES

EQUIPMENT PLANNING PROCESS

REQUIRED FOR

- PRODUCTION ACHIEVEMENT
- COST CONTROL
- COMMITMENT
- CONSISTENCY
- COORDINATION

EQUIPMENT TYPES

- STANDARD- COMMONLY AVAILABLE, READILY AVAILABLE SPARES, FLEXIBLE POTENTIAL PURCHASERS

- SPECIAL- SPECIALLY MANUFACTURED LESS FLEXIBLE, DIFFICULT RESALE

EQUIPMENT PLANNING

- COEFFICIENT OF TRACTION

- DRAWBAR PULL

- RIMPULL

- POWER OUTPUT AND TORQUE

STEPS IN EQUIPMENT PLANNING

- DIVIDE THE PROJECT IN SPECIFIC AND DISCRETE ACTIVITIES
- ESTIMATE TIME, RESOURCES COST FOR EACH ACTIVITY WHICH WILL HELP TO ESTIMATE TYPE, QUANTITY,DURATION OF EQUIPMENT
- DRAW NETWORK TO GET INTER RELATIONSHIP BETWEEN ACTIVITIES
- TIME FOR DELIVERY OF MATERIALS AND EQUIPMENT

EQUIPMENT COSTS

- OWNERSHIP COST- CONTINUE WHETHER IN USE OR OTHERWISE
- INCLUDES

1. DIRECT INVESTMENT
2. INTEREST ON BORROWED SUM
3. LOSS OF THE VALUE
4. REGISTRATION / TAXES
5. STORAGE
6. MAJOR ALTERATIONS/ ADDITIONS

Dr. J. J. Magdum Trust's (No. E/902)

J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Value Added Course (VAC)

Sem –I (A.Y.2022-23)

S.. No.	VAC	Class	Date	No. of students
1	Auto CAD 2D	S.Y.B.Tech	3rd Dec. 2022 to 10 Dec 2022	30
2	Auto CAD 3D	T.Y.B.Tech	17 Dec 2022 to 25Dec 2022	42
3	Civil Engg Drawing & Bar Bending Schedule	.B.Tech	17 Dec 2022 to 25Dec 2022	79

Prof. A. P. Chougule

IQAC I/C

DEPARTMENT OF CIVIL ENGINEERING

Dr. J. S. Lambe

HoD Civil

Dr. J. J. Magdum Trust's (No. E/902)

Dr.J.J.Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Ref.No.-JJMCOE/CIVIL /2022-23

Date : 01/12/2022

Letter of Invitation

To,
Mr. Anjaneya Puli
CADD Trainer,
ACADD Centre,
Thane West - 400601.

Dear Sir,

We are organizing an Expert Session on **Auto CAD 2D** for Second year B. Tech students on 3rd December 2022 to 11 December 2022 total duration is (30 hours) under Value Added Course.

We take this opportunity to invite you to chair a session for the same mentioned above.

We will be obliged to receive your consent for the same.

With warm regards,

01/12/2022

Yours faithfully

Prof. A.P. Chougule
IQAC Incharge

Dr. J. S. Lambe
HOD, Civil

Dr. J. J. Magdum Trust's (No. E/902)
Dr.J.J.Magdum College of Engineering,
Jaysingpur
Department of Civil Engineering

Ref.No.-JJMCOE/CIVIL /2022-23

Date: 12 /12/2022

Letter of Appreciation

To,
Mr. Anjaneya Puli
CADD Trainer,
ACADD Centre,
Thane West -400601.

Dear Sir,

I take the privilege to express my sincere thanks and appreciation for sparing your valuable time for chairing the expert session on **Auto CAD 2D** on 3rd December 2022 to 11th December 2022 total duration is (30 hours) under Value Added Course. Your suggestions and guidance enriched the students with your positive thoughts, knowledge and experience during the expert session.

Your cooperation will be solicited in our future endeavour.

With warm regards,

12/12/2022

Yours faithfully

Prof. Arati Chougule
IQAC In charge

Dr. J. S. Lambe
HoD Civil

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Value Added Course (Sem – I A.Y. 2022-23) **S.Y B.Tech**

Name of course - Auto CAD 2D

Attendance Sheet

Roll No.	Name of Student	5-12-22	6-12-22	8-12-22	9-12-22	10-12-22
1	INGALE PRATHMESH DHANAJI	Pagale	Pagale	Pagale	Pagale	Pagale
2	JADHAV PRANAV UMESH					
3	SABIYA RIYAZ DARYAVARDI	Sabiya	Sabiya	Sabiya	Sabiya	Sabiya
4	LAMBE RAJNATH SUBHASH					
5	NIPANIKAR SHREYAS SHRIKANT	Nipanikar	Nipanikar	Nipanikar	Nipanikar	Nipanikar
6	PATIL ABHINANDAN BHAOSO					
7	VADAR RAJGURU RAMCHANDRA					
8	MANE ARATI CHANDRAKANT					
9	SALVI AYESHA RAJENDRA		AR			
10	KHAVATE SAMMED SANJAY		AB			
11	SANMUKH DEEPAK RITESH					
12	KALEKAR ADITYA SHANKAR	Kalekar	Kalekar	Kalekar	Kalekar	Kalekar
13	JOSHI SHRUTI SUNIL					
14	KHOT VISHWASAGAR		AB			
15	SHETAKE SUHAS NAMDEV		AB			
16	BAGWAN MOHAMMED JUNED					
17	JAMADAR SAYMAA ASLAM		AB			
18	KAMBLE DNYANESHWAR	D.J. kamble	D.J. kamble	D.J. kamble	D.J. kamble	D.J. kamble
19	GURAV SHREE SANJAY					
20	BAHETI HASMUKH GOPAL		AB			
21	KATAKAR SANKET MARUTI					
22	KALGUTAGI PRASAD APPASO					
23	SHEJAL VISHWAMBHAR	Shejal	Shejal	Shejal	Shejal	Shejal
24	CHOUGALE ANIKET					
25	MANE GOURAV GANESH					
26	MALAI SANDIP GORAKH		AB			
27	BHISE PRATHMESH D	Bhise	Bhise	Bhise	Bhise	Bhise
28	PATEL SHMANTAHJDIN	Spatel	Spate	patel	patel	patel
29	ALASE GOURAV RAJGONDA					

30	KANDEKARI ANIS IBADULLAH					
31	KATE NEHA VIKAS		AB			
32	SHINDE PRANAVKUMAR NANDKUMAR		AB			
33	DIVYANI AMAR CHAVAN					
34	DHOTARE ROHAN RAJKUMAR		AB			
35	GALINDE OMKAR		AB			
36	KURLIKAR KARANSINH		AB			
37	WALEKAR VIJAY YALLARI		AB			
38	GADDYAL SOHEL MUBARAK		AB			
39	MULANI MASAWUD DILAVAR		AB			
40	SUTAR SARVESH SUNIL					
41	GAVADE BHIMSEN SHIVAJI		AB			
42	PATEL SUFIYAN SARFRAZ		AB			
43	JAMADAR REHAN RAJU		AB			
44	GODASE TEJASHRI ADHIK		AB			
45	KAMBLE SWATI ASHOK					
46	KOLI PRADEEP LAXMAN		AB			
47	KERIPALE PRAJWALNANDKUMAR		AB			
48	BANDAR AMAN ASLAM					
49	JAGTAP NARENDRA SANTOSH		AB			
50	PATIL YUVRAJ SURESH					
51	GAWADE BHUSHAN ARUN		AB			
52	MERCHANT JAFARIQBAL IMRAN					
53	KADAM MAYANK BHARAT		AB			
54	TABREZ MANNUR					
55	JAMADAR AMIN MADAR		AB			
56	MALI ASHWINI SUNILKUMAR					
57	JADHAV SAISHREE SUNIL		AB			
58	PATIL SUMIT VIJAY		AB			
59	MULLANI PARVIZ YUNUS		AB			
60	NALAWADE SURAJ SANJAY		AB			
61	[illegible]					

Dr.J.J.Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Value Added Course

On

"Auto CAD 2D"

Certificate

This is to certify that ~~Mr.~~/Ms. Shejal Vishwambhar of S.Y. B.Tech has successfully participated and completed 30 hrs. Value Added Course on "Auto CAD 2D" from 3rd Dec.2022 to 8th Dec.2022 organized by **Department of Civil Engineering** in Association with **ACAAD Centre, Mumbai.**

Prof.Mrs.A.P.Chougule
IQAC- Civil Dept.Coordinator

Anjaneya Puli
ACAAD Centre

Dr.J.S.Lambe
Head- Civil Engg.

Dr.Mrs.S.B.Patil
Principal I/c

Dr.S.S.Admuthe
Campus Director

Dr.J.J.Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Value Added Course

On

"Auto CAD 2D"

Certificate

This is to certify that Mr./Ms. Shejal Vishwambhar of S.Y. B.Tech has successfully participated and completed 30 hrs. Value Added Course on "Auto CAD 2D" from 3rd **Dec.2022 to 8th Dec.2022** organized by **Department of Civil Engineering** Association with **ACAAD Centre, Mumbai.**

Prof.Mrs.A.P.Chougule	Anjaneya Puli	Dr.J.S.Lambe	Dr.Mrs.S.B.Patil	Dr.S.S.Admuthe
IQAC- Civil Dept.Coordinator	ACAAD Centre	Head- Civil Engg.	Principal I/c	Campus Director

Dr.J.J.Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Value Added Course

On

"Auto CAD 2D"

Certificate

This is to certify that Mr./Ms. Gurav Shri Vijay of S.Y. B.Tech has successfully participated and completed 30 hrs. Value Added Course on "Auto CAD 2D" from 3rd **Dec.2022 to 8th Dec.2022** organized by **Department of Civil Engineering** in Association with **ACAAD Centre, Mumbai.**

Prof.Mrs.A.P.Chougule	**Anjaneya Puli**	**Dr.J.S.Lambe**	**Dr.Mrs.S.B.Patil**	**Dr.S.S.Admuthe**
IQAC- Civil Dept.Coordinator	ACAAD Centre	Head- Civil Engg.	Principal I/c	Campus Director

Dr.J.J.Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Value Added Course

On

"Auto CAD 2D"

Certificate

This is to certify that Mr./Ms. Gurav Shri Vijay of S.Y. B.Tech has successfully participated and completed 30 hrs. Value Added Course on "Auto CAD 2D" from 3rd **Dec.2022 to 8th Dec.2022** organized by **Department of Civil Engineering** in Association with **ACAAD Centre, Mumbai.**

Prof.Mrs.A.P.Chougule
IQAC- Civil Dept.Coordinator

Anjaneya Puli
ACAAD Centre

Dr.J.S.Lambe
Head- Civil Engg.

Dr.Mrs.S.B.Patil
Principal I/c

Dr.S.S.Admuthe
Campus Director

Dr.J.J.Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Value Added Course

On

"Auto CAD 2D"

Certificate

This is to certify that Mr./Ms. Mane Arati Chandrakant of S.Y. B.Tech has successfully participated and completed 30 hrs. Value Added Course on "Auto CAD 2D" from 3rd **Dec.2022 to 8th Dec.2022** organized by **Department of Civil Engineering** in Association with **ACAAD Centre, Mumbai.**

Prof.Mrs.A.P.Chougule
IQAC- Civil Dept.Coordinator

Anjaneya Puli
ACAAD Centre

Dr.J.S.Lambe
Head- Civil Engg.

Dr.Mrs.S.B.Patil
Principal I/c

Dr.S.S.Admuthe
Campus Director

Dr. J. J. Magdum Trust's (No. E/902)

Dr.J.J.Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Ref.No.-JJMCOE/CIVIL /2022-23

Date : 15/12/2022

Letter of Invitation

To,
Mr. Anjaneya Puli
CADD Trainer,
ACADD Centre,
Thane West - 400601.

Dear Sir,

We are organizing an Expert Session on **Auto CAD 3D** for Third year B. Tech students on 17th December 2022 to 25th December 2022 total duration is (30 hours) under Value Added Course.

We take this opportunity to invite you to chair a session for the same mentioned above.

We will be obliged to receive your consent for the same.

With warm regards,

15/12/2022

Yours faithfully

Prof. A.P. Chougule
IQAC Incharge

Dr. J. S. Lambe
HOD, Civil

Dr. J. J. Magdum Trust's (No. E/902)

Dr.J.J.Magdum College of Engineering,
Jaysingpur
Department of Civil Engineering

Ref.No.-JJMCOE/CIVIL /2022-23

Date: 25 /12/2022

Letter of Appreciation

To,
Mr. Anjaneya Puli
CADD Trainer,
ACADD Centre,
Thane West -400601.

Dear Sir,

I take the privilege to express my sincere thanks and appreciation for sparing your valuable time for chairing the expert session on **Auto CAD 3D** on 17th December 2022 to 25th December 2022 total duration is (30 hours) under Value Added Course. Your suggestions and guidance enriched the students with your positive thoughts, knowledge and experience during the expert session.

Your cooperation will be solicited in our future endeavour.

With warm regards,

25/12/2022

Yours faithfully

Prof. Arati Chougule
IQAC In charge

Dr. J. S. Lambe
HoD Civil

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Value Added Course (Sem – I A.Y. 2022-23) **T.Y B.Tech (A)**

Name of course -

Attendance Sheet

Roll No.	Name of Student					
1	ZORENGPUIA LIANTLUANG					
2	CHOUDHARI JIBRALI BASHIR					
3	MUJAWAR JUVERIYA RAFIK					
4	KAMBLE PRATHAMESH MOHAN					
5	BYELLE SOMANATH DEVENDRA			AB		
6	GAONKAR AARTI APPU					
7	MANE SOURABH RAJU			AB		
8	SALUNKHE VAIBHAV ANIL			AB		
9	NIRMALE UTKARSH BALASAHEB		AB			
10	AWALE ROHIT SANJAY					
11	KOTHAVALE TUSHAR SHASHIKANT					
12	SWAMI AMOL MILIND		AB			
13	NAGARGOJE TANAJI SHRIKANT		AB			
14	KADU RUKHSAR JAMIL		AB			
15	PATHAN ANISHA SIKANDAR		AB			
16	DABADE SWAPNIL BABURAO		AB			
17	KOSHTI SOURABH SUSHILKUMAR		AB			
18	KAMBLE SHUBHAM VIKAS		AB			
19	VANMORE MAHANTESH SUNIL			AB		
20	KAMBLE HARSHAD SHRIKANT					
21	PATIL PRANIT RAVINDRA					
22	CHOUGULE SOURABH RAJGONDA					
23	MANE OMKAR ASHOK		AB			
24	KATE PANKAJ VIKAS		AB			
25	CHAUDHARI NIKHIL SUNIL		AB			
26	SHINDE ADISH SHRIMANT					
27	KINNINGE PRAJWAL RAYGONDA					

28	KOLAP RAJRATNA MAHENDRA					
29	DAYMA BHAGYASHRI RAMESH	BRDayma	BRDayma	BRDayma	BRDayma	BRDayma
30	KARANDE MOHINI SHANKAR			AB		
31	KARANDE KISHAN ARUN			AB		
32	PATIL NARAYAN CHANDRAKANT			AB		
33	SANKPAL SUMIT ASHOK			AB		
34	POL MANSI SUDHAKAR					
35	CHOUGULE AKHI ESH BHAUSO					
36	PATIL ANIKET ANANDRAO			AB		
37	MOKALE SARVESH SATISH	Smokale	Smokale	Smokale	Smokale	Smokale
38	PAKHALI SAAD RAJMAHAMMAD	Pakhali	Pakhali	Pakhali	Pakhali	Pakhali
39	CHAVAN SAURABH SHAMSUNDAR	Chavan	Chavan	Chavan	Chavan	Chavan
40	KULKARNI JEEVAN JAGDISH					
41	JAMADAR IJAJAHAMAD NASRUDDIN					
42	MANE SANKET SANJAY	S.S.Mane	S.S.Mane	S.S.M	S.S.M	S.S.M
43	MOHITE VIKRAMSINH SHIVAJI			AB		
44	RAJPUT ABHIJEET VIJAYSING			AB		
45	LAMBU VRUSHAB ANIL			AB		

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Value Added Course (Sem – I A.Y. 2022-23) **T.Y B.Tech (B)**

Name of course -

Attendance Sheet

Roll No.	Name of Student					
101	BAGADI SOURABH ARUN	AB				
102	PATIL DIGVIJAY KISHOR					
103	KAMBLE MEGHA MESAPPA					
104	PATIL SOURABH SURESH	Patil	Patil	Patil	Patil	Patil
105	PATIL DIGAMBAR SIDDHESHWAR	AB				
106	KALE RAKESH TANAJI	AB				
107	PATEL ZEESHAN JAMEEL					
108	PATIL ASHISH BALASAHEB	AB				
109	WALAVEKAR YOGESH MOHANRAO					
110	KAMBLE TEJAS CHANDRAKANT	Kamble	Kamble			
111	DESAI URVISH RAHUL					
112	MAGDUM NIKHIL KUMAR	AB				
113	PATIL PRANIT BALASAHEB	Patil	Patil	Patil	Patil	Patil
114	MAHESH PRAKASH INGAVALE					
115	DURGADE RUTUJA VIVEK					
116	DURGADE MRUDULA RAVINDRA	M.R. Durgade	M.R. Durgade	M.R. Durgade	M.R. Durgade	M.R. Durgade
117	ERANDOLE OMKAR SANJAY	AB				
118	DINDE RAVINDRA SURYAKANT					
119	KAMBLE RUPESH BHARAT					
120	PATIL SANKET RAJGONDA	AB				
121	PATIL AKASH GANESH	AB				
122	PATIL POOJA SAMBHAJI	Patil	Patil	Patil	Patil	Patil
123	MARVAL ATHARV BHARATLAL					
124	GURAV YASH JITENDRA	AB				
125	NADAF IMRAN ASLAM					
126	PATIL SOURABH POPAT					
127	HARALE RUTURAJ ASHOK	AB				
128	KHANDARE PRANEET PRAKASH					

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

129	MULE VISHAL VIJAY					
130	NAGARBAVADI TOUHID HABIB	—	AB	—		
131	SHINDE MAKRAND MANSING	—	AB	—	—	—
132	LAD SUJATA MANOHAR	—	AB	—	—	—
133	NANDAVADEKAR ABHIJEET APPAJ					
134	PATIL VAIBHAV SUBHASH	—	AB	—	—	—
135	REVADE SAKSHI SAMBHAJI	—	AB	—	—	—
136	PATIL RUSHIKESH BABASO	—	AB	—	—	—
137	NAIK CHAITANYA BALASAHEB	—	—	AB	—	—
138	KAVATHEKAR PARTH VITTHAL	—	AB	—	—	—
139	PATIL SAKSHI SHIVAJI	—	AB	—	—	—
140	KADAM SANGRAM MAHADEV	—	AB	—	—	—
141	SAYYAD JAVED KAMRAN	—	AB	—	—	—
142	SUTAR YOGESH PRATAP	—	AB	—	—	—
143	KAMBALE KIRAN BAGAL	—	AB	—	—	—

Dr. J. J. Magdum Trust's (No. E/902)

Dr.J.J.Magdum College of Engineering,
Jaysingpur
Department of Civil Engineering

Ref.N. .-JJMCOE/CIVIL /2022-23

Date: 25 /12/2022

Letter of Appreciation

To.
Er. Ranjeet Mahadik,
Adept Construction,
Jaysingpur.

Dear Sir.

I take the privilege to express my sincere thanks and appreciation for sparing your valuable time for chairing the expert session on **Civil Engineering Drawing & Bar Bending Schedule** on 17th December 2022 to 25th December 2022 total duration is (30 hours) under Value Added Course. Your suggestions and guidance enriched the students with your positive thoughts, knowledge and experience during the expert session.

Your cooperation will be solicited in our future endeavour.

With warm regards.

Yours faithfully

Prof. Arati Chougule
IQAC In charge

Dr. J. S. Lambe
HoD Civil

Received
Ranjit. Mahadik

Trust's (No. E/902)
**Dr.J.J.Magdum College of Engineering,
Jaysingpur**

Department of Civil Engineering

Ref.No.-JJMCOE/CIVIL /2022-23

Date : 15/12/2022

Letter of Invitation

**To,
Er. Ranjeet Mahadik,
Adept Construction,
Jaysingpur.**

Dear Sir,

We are organizing an Expert Session on **Civil Engineering Drawing & Bar Bending Schedule** for Final year B. Tech students on 17th December 2022 to 25th December 2022 total duration is (30 hours) under Value Added Course.

We take this opportunity to invite you to chair a session for the same mentioned above.

We will be obliged to receive your consent for the same.

With warm regards,

Yours faithfully

Prof. A.P. Chougule
IQAC Incharge

Dr. J. S. Lambe
HOD, Civil

Received
Ranjit A. Mahadik

Value Added Course (Sem – I A.Y. 2022-23) **B.Tech (A)**

Name of course -

Atten lance Sheet

Roll No.	Name of Student					
1	BADAGHAR ABBASALI JAFARALI	Badaghar	Badaghar	Badaghar	Badaghar	Badaghar
2	BIRAJDAR SANGEETA SURESH	sangeeta	sangeeta	sangeeta	sangeeta	sangeeta.
3	CHHACHWALE SNEHA RAJKUMAR					
4	DESAI ADITYA DADASO			AB		
5	DESAI ASAD NASIRHUSEN					
6	DHARPAWAR PRADNYESH DIPAK					
7	DHENGE ONKAR BALKRISHNA					
8	HARAGE SHIVAM PRAKASH					
9	JADHAV PRANJALI PRAKASH	Pranjali	Pranjali	Pranjali	Pranjali	Pranjali.
10	JADHAV SOPAN NANDKUMAR			AB		
11	JADHAV SURAJ UMAJI	Suraj	Suraj	Suraj	Suraj	Suraj
12	JADHWAR ROSHNI ANGAD					
13	JAGTAP KARUNA PRAKASH	Karuna	Karuna	Karuna	Karun	Karu
14	JOYASHI SAYALI SANTOSH					
15	KADGAONKAR ASHITOSH JOTIBA					
16	KAMBLE DEEKSHANT PRAVIN					
17	KAMBLE NETRADEEP MOHAN	NKamble	NKamble	NKamble	NKamble	NKamble
18	KAMBLE PRATHAMESH RAJENDRA					
19	KENGAR RAJU GURAPPA	ckengar.	ckengar	ckengar	ckengar	ckengar
20	KHALIPHA SOHEL SHIKANDAR					
21	KHARAT RAMESHWARI MAHADEV	Rkharat		Rkharat	Rkharat	Rkharat
22	KHATIK AFSAR AKHTAR					
23	KOSHTI VIRABHADRA SURESH			AB		
24	KROSSPATHAI JOE AZ BEIRARONA					
25	LOKARE VINAYAK KRISHNA					
26	MULLA AWAIS SALEEM					

27	MULLA SHOAIB SHAKIL					
28	MULLANI SAJID RAMJAN			AB		
29	PATEL ABDUL HANNAN IRFAN					
30	PATIL DHIRAJ TANAJI					
31	PATOLE KOMAL SUBHASH	Patole	Patole	Patole	Patole	Patole
32	PAWAR TEJASH SHANKARRAO	TS Pawar	TS Pawar	TS Pawar	TS Pawar	TS Pawar
33	POWAR VIJAY SARJERAO			AB		
34	SANKPAL NISHANT PRAFULLA		Nishant	Nishant	Nishant	Nishant
35	SHINDE BHAGYASHRI RAJENDRA			AB		
36	SONAVANE SHUBHAM SURYAKANT					
37	SARWADE PRAFULL MAHESH					
38	DHALE GIRISH SANJAY					
39	AJETRAO MAHADEV MARUTI			AB		
40	CHOUGULE SUDARSHAN MAHAVEER					
41	DONAWADE BADARINATH MALLAPPA					
42	MOHITE SHARAD DILIP					
43	RAUT AJINKYARAJ PRAKASH					
44	SAWANT MAHESH BABASO					
45	SHAIKH SAAD AKIL			AB		
46	THORBOLE SUSHANT DATTATRAY			AB		
47	KAMATE SAINATH SAHDEV			AB		
48	SHAH UNMESH KISHOR(CT)			AB		

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Value Added Course (Sem – I A.Y. 2022-23) **B.Tech (A)**

Name of course -

Attendance Sheet

Roll No.	Name of Student					
101	AMANNA ROHIT RAVIKUMAR					
102	AWALE MAYUR BHARAT					
103	BHANDARE AARTI VIJAY					
104	BIRADAR VISHNU DNYANESHWAR	Vishnu	Vishnu	Vishnu	Vishnu	Vishnu
105	CHAVAN SATYAJEET DATTATRAYA	S.Chavan	S.Chavan	S.Chavan	S.Chavan	S.Chavan
106	CHOUGULE ANMOL VIJAY					
107	DESAI APOORV ATUL					
108	DESAI MILIND POPAT					
109	GADEKAR VINAYAK DATTATRAY					
110	HATEKAR YOGESH RAMRAJA					
111	INGALE SAGAR SUNIL					
112	JAGADALE NITIN BABURAO	N.B.J	N.B.J	N.B.J	N.B.J	N.B.J
113	JAGATAP SONAM BALASO	S.B.Jagatap	S.B.Jagatap	S.B.Jagatap	S.B.Jagatap	S.B.Jagatap
114	JAMDADE SWAPNIL SUNIL			AB		
115	KALE PRANAV VIJAY					
116	KHALIPHA MUHAMMADZAID AKHTARNAWAJ					
117	KHANGUTKAR CHINTAMANI ASHOK					
118	KOTHALE MANTHAN CHANDRAKANT					
119	MADANE ANIKET RAJU					
120	MADANE UDAY SANTOSH					
121	MAGDUM SAMMED VINOD					
122	MALI SHASHIKANT ANIL					
123	MANE POONAM SURESH			AB		
124	MANE VRUSHALI MAHESH					
125	MEDSINGE SOURABH RAJENDRA					
126	MIRZA FIJA ISMAIL					
127	MOMIN NAMIRA SHARIF	N.S.Momin	N.S.Momin	N.S.Momin	N.S.Momin	N.S.Momin
128	NADAF MOIEN MUNIR	Nadaf	Nadaf	Nadaf	Nadaf	Nadaf

129	NANGURE APARANA ANNASO					
130	PATIL PRATHMESH PRAMOD					
131	PATIL RAJESH NINGONDA					
132	PATIL SOURAV SANJAY					
133	RAUT DHANSHREE MAHESH					
134	RODE PRAKASH RAJARAM					
135	SHAIKH ABUBAKAR ASLAM					
136	SHINGADE DHANASHRI MANIK					
137	SOUDAGAR MAAZ SHANAWAJ					
138	SURYAWANSHI GOURANG MILIND					
139	TADSE SURAJ PRALHAD					
140	TANDALE CHAITNYA SAMPAT					
141	WAGHMARE DHRUV VIPUL					
142	WAGHMARE MAYUR SANJAY					
143	WAGHMARE REVATI BALASO					
144	WALEKAR SURAJ PRAKASH		AB			
145	KAMBLE SUJITKUMAR		AB			
146	MULLA ANIS ZAKIR					
147	DESHPANDE SRUSHTI RAGHVENDRA		AB			
148	DHANSARE AMIT BABASAHEB		AB			

Dr. J. J. Magdum Trust's (No. E/902)

J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Value Added Course (VAC)

Sem –II (A.Y.2022-23)

Sr. No.	VAC	Class	Date	No. of students
1	Site Supervision	S.Y.B.Tech	22 May to 26 May 2022	30
2	Revit Software	T.Y.B.Tech	18 May to 28 May 2022	48
		B.Tech		80

Prof. A. P. Chougule
IQAC I/C

Dr. J. S. Lambe
HoD Civil

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Ref.No.-JJMCOE/CIVIL /2022-23 Date: 21/05/2022

To,

Dr.D.B.Desai
Dean R & D,
JJMCOE.

Sub: - **Invitation for Site Supervision Workshop**

Dear Sir,

We are pleased to invite you for **Five days Site Supervision workshop that is Value Added** Course for Second year B. Tech students. It is scheduled on **22 & 26th May 2022 at 9.30 am to 5 pm.**

So we request you to accept our invitation and acknowledging the same & oblige.

Thanking you.

DEPARTMENT OF CIVIL ENGINEERING
JAYSINGPUR - 416 101.

Yours faithfully,

Prof. A.P. Chougule
IQAC Coordinator

Dr. J. S. Lambe
HOD, Civil

21/5/22

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Ref.No.-JJMCOE/CIVIL /2022-23

Date: 27/05/2022

To,

Dr.D.B.Desai
Dean R & D,
JJMCOE.

Sub: **Thanking Letter**

Dear Sir,

We express our sincere gratitude for conducting Five days **Site Supervision workshop** that is **Value Added Course** for Second year B. Tech students.

We hope to receive similar cooperation in future also.

Thanking you.

DR. J. J. MAGDUM COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
JAYSINGPUR - 416 101.

Yours faithfully,

Prof. A.P. Chougule
IQAC Coordinator

Dr. J. S. Lambe
HOD, Civil

27/5/22

DR. J. J. MAGDUM COLLEGE OF
ENGINEERING, JAYSINGPUR

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Certificate

This is to Certify that Mr. / Ms of Lambe Rajnath Subhash *has successfully participated and completed 30 hrs. Value Added Course on* ***"Site Supervision"*** *from 22 May to 26th May 2023 organized by* ***Department of Civil Engineering*** *conducted by* ***Dr. D.B.Desai.***

Prof.Mrs.A.P.Chougule
IQAC- Civil Coordinator

Dr. D. B. Desai
Dean R& D

Dr. J.S.Lambe
HOD

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Value Added Course (Sem – II A.Y. 2022-23) **S.Y B.Tech**

Name of course - Site Supervision

Attendance Sheet

Roll No.	Name of Student	22-5-22	23-5-22	24-5-22	25-5-22	26-5-22
1	INGALE PRATHMESH DHANAJI	Pagale	Pagale	Pagale	Pagale	Pagale
2	JADHAV PRANAV UMESH					
3	SABIYA RIYAZ DARYAVARDI	Sabiya	Sabiya	Sabiya	Sabiya	Sabiya
4	LAMBE RAJNATH SUBHASH					
5	NIPANIKAR SHREYAS SHRIKANT	Nipanikar	Nipanikar	Nipanikar	Nipanikar	Nipanikar
6	PATIL ABHINANDAN BHAOSO	Apatil	Apatil	Apatil	Apatil	Apatil
7	VADAR RAJGURU RAMCHANDRA					
8	MANE ARATI CHANDRAKANT					
9	SALVI AYESHA RAJENDRA		AB			
10	KHAVATE SAMMED SANJAY		AB			
11	SANMUKH DEEPAK RITESH					
12	KALEKAR ADITYA SHANKAR	Kalekar	Kalekar	Kalekar	Kalekar	Kalekar
13	JOSHI SHRUTI SUNIL					
14	KHOT VISHWASAGAR		AD			
15	SHETAKE SUHAS NAMDEV		AD			
16	BAGWAN MOHAMMED JUNED					
17	JAMADAR SAYMAA ASLAM		AB			
18	KAMBLE DNYANESHWAR	D.J. kamble	D.J. kamble	D.J. kamble	D.J. kamble	D.J. kamble
19	GURAV SHREE SANJAY					
20	BAHETI HASMUKH GOPAL		AB			
21	KATAKAR SANKET MARUTI					
22	KALGUTAGI PRASAD APPASO					
23	SHEJAL VISHWAMBHAR	Shejal	Shejal	Shejal	Shejal	Shejal
24	CHOUGALE ANIKET					
25	MANE GOURAV GANESH					
26	MASAL SANDIP GORAKH		AB			
27	BHISE PRATHMESH D					
28	PATEL SALMAN TAJUDDIN	Spatel	Spatel	Spatel	Spatel	Spatel
29	ALASE GOURAV RAJGONDA		AB			

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

30	KANDEKARI ANIS IBADULLAH					
31	KATE NEHA VIKAS		AB			
32	SHINDE PRANAVKUMAR NANDKUMAR		AB			
33	DIVYANI AMAR CHAVAN					
34	DHOTARE ROHAN RAJKUMAR		AB			
35	GALINDE OMKAR		AB			
36	KURLIKAR KARANSINH		AB			
37	WALEKAR VIJAY YALLARI		AB			
38	GADDYAL SOHEL MUBARAK		AB			
39	MULANI MASAWUD DILAVAR		AB			
40	SUTAR SARVESH SUNIL					
41	GAVADE BHIMSEN SHIVAJI		AB			
42	PATEL SUFIYAN SARFRAZ		AB			
43	JAMADAR REHAN RAJU		AB			
44	GODASE TEJASHRI ADHIK	Gadase	Gadase	Gadase	Gadase	Gadase
45	KAMBLE SWATI ASHOK	Kamble	Kamble	Kamble	Kamble	Kamble
46	KOLI PRADEEP LAXMAN		AB			
47	KERIPALE PRAJWAL NANDKUMAR		AB			
48	BANDAR AMAN ASLAM					
49	JAGTAP NARENDRA SANTOSH		AB			
50	PATIL YUVRAJ SURESH	Patil	Patil	Patil	Patil	Patil
51	GAWADE BHUSHAN ARUN		AB			
52	MERCHANT JAFARIQBAL IMRAN					
53	KADAM MAYANK BHARAT		AB			
54	TABREZ MANNUR					
55	JAMADAR AMIN MADAR		AB			
56	MALI ASHWINI SUNILKUMAR	Mali	Mali	Mali	Mali	Mali
57	JADHAV SAISHREE SUNIL		AB			
58	PATIL SUMIT VIJAY		AB			
59	MULLANI PARVIZ YUNUS		AB			
60	NALAWADE SURAJ SANJAY		AB			
61	NADAF SHAHID LALCHAND		AB			

DR. J. J. MAGDUM COLLEGE OF
ENGINEERING, JAYSINGPUR

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Certificate

This is to Certify that Mr. / Ms of Ingale Prathmesh Dhanaji (SY) *has successfully participated and completed 30 hrs. Value Added Course on* ***"Site Supervision"*** *from 22 May to 26th May 2023 organized by* ***Department of Civil Engineering*** *conducted by* ***Dr. D.B.Desai.***

Prof.Mrs.A.P.Chougule
IQAC- Civil.Coordinator

Dr. D. B. Desai
Dean R& D

Dr. J.S.Lambe
HOD

DR. J. J. MAGDUM COLLEGE OF
ENGINEERING, JAYSINGPUR

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This is to Certify that Mr. / Ms of Jadhav Pranav Umesh (SY) *has successfully participated and completed 30 hrs. Value Added Course on* ***"Site Supervision"*** *from 22 May to 26th May 2023 organized by* ***Department of Civil Engineering*** *conducted by* ***Dr. D.B.Desai.***

Prof.Mrs.A.P.Chougule
IQAC- Civil.Coordinator

Dr. D. B. Desai
Dean R& D

Dr. J.S.Lambe
HOD

DR. J. J. MAGDUM COLLEGE OF
ENGINEERING, JAYSINGPUR

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Certificate

This is to Certify that Mr. / Ms of Kamble Dynashwar (CY) *has successfully participated and completed 30 hrs. Value Added Course on* ***"Site Supervision"*** *from 22 May to 26th May 2023 organized by* ***Department of Civil Engineering*** *conducted by* ***Dr. D.B.Desai.***

Prof.Mrs.A.P.Chougule
IQAC- Civil.Coordinator

Dr. D. B. Desai
Dean R& D

Dr. J.S.Lambe
HOD

DR. J. J. MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR

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Certificate

This is to Certify that ~~Mr.~~ / Ms of Sabiya Riyaz Daryawali (SY) *has successfully participated and completed 30 hrs. Value Added Course on **"Site Supervision"** from 22 May to 26th May 2023 organized by **Department of Civil Engineering** conducted by **Dr. D.B.Desai.***

Prof.Mrs.A.P.Chougule
IQAC- Civil.Coordinator

Dr. D. B. Desai
Dean R& D

Dr. J.S.Lambe
HOD

DR. J. J. MAGDUM TRUST'S
Dr. J. J. Magdum College of Engineering, Jaysingpur
Gat No. (314/330),Shirol – Wadi Road,(Agar Bhag), Jaysingpur : 416101.
Department of Civil Engineering

Ref.No.-JJMCOE/CIVIL /2022-23

Date : 17/05/2023

Letter of Invitation

To,
Mr. Anjaneya Puli
CADD Trainer,
ACADD Centre,
Thane West - 400601.

Dear Sir,

We are organizing a Value Added Course on **REVIT Software** for Second, Third & Final year B. Tech students on 18th – 19th May 2023 at Dr. J. J. Magdum College of Engineering, Jaysingpur, India in offline mode. And on 21,27 &28th May through Google meet in online mode.

We take this opportunity to invite you to chair a session on 18th & 19th of May 2023. We will be obliged to receive your consent for the same.

With warm regards,

Accepted
9/05/2023

Yours faithfully

Prof. A.P. Chougule
Incharge

Dr. J. S. Lambe
HOD, Civil

Dr. J. J. Magdum College of Engineering
DEPARTMENT OF CIVIL ENGINEERING
JAYSINGPUR - 416 101

Dr. J. J. Magdum College of Engineering, Jaysingpur.
Approved by A.I.C.T.E, New Delhi Recognized by Govt. of Maharashtra (D.T.E) Affiliated to SHIVAJI UNIVERSITY, Kolhapur.
NAAC 'A' Grade Institution & ISO 21001:2018 Certified
Gat No. 289 (314/330), Shirol-Wadi Road, (Agarbhag), JAYSINGPUR - 416 101
Tal. Shirol, Dist. Kolhapur (M.S.) Tel. No. (02322) 221123
Email : campusdirector@jjmcoe.ac.in / principal@jjmcoe.ac.in / registrar@jjmcoe.ac.in Website : www.jjmcoe.ac.in

DR. J. J. MAGDUM TRUST'S

Dr.J.J.Magdum College of Engineering, Jaysingpur

Gat No. (314/330),Shirol – Wadi Road,(Agar Bhag), Jaysingpur : 416101

Department of Civil Engineering

Ref.No.-JJMCOE/CIVIL /2022-23

Date: 19/05/2023

Letter of Appreciation

To,
Mr. Anjaneya Puli
CADD Trainer,
ACADD Centre,
Thane, West -400601.

Dear Sir,

I take the privilege to express my sincere thanks and appreciation for sparing your valuable time for chairing the workshop on Rivet Software on 18th & 19th of May 2023. Your suggestions and guidance enriched the students with your positive thoughts, knowledge and experience during the workshop on **REVIT Software** from 18th - 20th May 2023 at JJMCOE premise.

Your cooperation will be solicited in our future endeavour.

With warm regards,

19/05/2023

Prof. A. P.Chougule
IQAC I/C

Dr. J. S. Lambe
HoD Civil

DR. J. J. MAGADUM COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
JAYSINGPUR - 416 101

Dr. J. J. Magdum College of Engineering, Jaysingpur

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Gat No. 289 (314/330), Shirol-Wadi Road, (Agarbhag), JAYSINGPUR - 416 101. Dist. Kolhapur (M.S.)
Tel. No. (02322) 221825, 221123, Fax No.: (02322) 221831
Email : campusdirector@jjmcoe.ac.in / principal@jjmcoe.ac.in / registrar@jjmcoe.ac.in Website : www.jjmcoe.ac.in

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Value Added Course (Sem – II A.Y. 2022-23) **B.Tech (A)**

Name of course - Revit Software

Attendance Sheet

Roll No.	Name of Student	18-5-22	19-5-22	21-5-22	27-5-22	28-5-22
1	BADAGHAR ABBASALI JAFARALI					
2	BIRAJDAR SANGEETA SURESH	Sangeeta	Sangeeta	Sangeeta	Sangeeta	Sangeeta
3	CHHACHWALE SNEHA RAJKUMAR					
4	DESAI ADITYA DADASO		AB			
5	DESAI ASAD NASIRHUSEN					
6	DHARPAWAR PRADNYESH DIPAK					
7	DHENGE ONKAR BALKRISHNA					
8	HARAGE SHIVAM PRAKASH					
9	JADHAV PRANJALI PRAKASH	Pranjali	Pranjali	Pranjali	Pranjali	Pranjali
10	JADHAV SOPAN NANDKUMAR		AB			
11	JADHAV SURAJ UMAJI					
12	JADHWAR ROSHNI ANGAD					
13	JAGTAP KARUNA PRAKASH	Karuna	Karuna	Karuna		
14	JOYASHI SAYALI SANTOSH					
15	KADGAONKAR ASHITOSH JOTIBA					
16	KAMBLE DEEKSHANT PRAVIN					
17	KAMBLE NETRADEEP MOHAN					
18	KAMBLE PRATHAMESH RAJENDRA					
19	KENGAR RAJU GURAPPA	ekengar	ekengar	ekengar	ekengar	ekengar
20	KHALIPHA SOHEL SHIKANDAR					
21	KHARAT RAMESHWARI MAHADEV		R.Kharat	R.Kharat	R.Kharat	R.Kharat
22	KHATIK AFSAR AKHTAR					
23	KOSHTI VIRABHADRA SURESH		AB			
24	KROSSPATHAI JOE AZ BEIRARONA					
25	LOKARE VINAYAK KRISHNA	Rokare	Rokare	Rokare	Rokare	Rokare
26	MULLA AWAIS SALEEM					

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

27	MULLA SHOAIB SHAKIL					
28	MULLANI SAJID RAMJAN			AB		
29	PATEL ABDUL HANNAN IRFAN					
30	PATIL DHIRAJ TANAJI					
31	PATOLE KOMAL SUBHASH					
32	PAWAR TEJASH SHANKARRAO	TSPawar	TSPawar	TSPawar	TSPawar	TSPawar
33	POWAR VIJAY SARJERAO			AB		
34	SANKPAL NISHANT PRAULLA	Nishant	Nishant	Nishant	Nishant	Nishant
35	SHINDE BHAGYASHRI RAJENDRA					
36	SONAVANE SHUBHAM SURYAKANT					
37	SARWADE PRAFULL MAHESH			AB		
38	DHALE GIRISH SANJAY					
39	AJETRAO MAHADEV MARUTI					
40	CHOUGULE SUDARSHAN MAHAVEER					
41	DONAWADE BADARINATH MALLAPPA					
42	MOHITE SHARAD DILIP	Sharad	Sharad	Sharad	Sharad	Sharad
43	RAUT AJINKYARAJ PRAKASH					
44	SAWANT MAHESH BABASO					
45	SHAIKH SAAD AKIL			AB		
46	THORBOLE SUSHANT DATTATRAY			AB		
47	KAMATE SAINATH SAHDEV			AB		
48	SHAH UNMESH KISHOR(CT)			AB		

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Value Added Course (Sem – II A.Y. 2022-23) **B.Tech ([illegible])**

Name of course - Revit Software

Attendance Sheet

Roll No.	Name of Student	18-5-22	19-5-22	21-5-22	27-5-22	28-5-22
101	AMANNA ROHIT RAVIKUMAR					
102	AWALE MAYUR BHARAT					
103	BHANDARE AARTI VIJAY	ABhande	ABhande	ABhande	ABhande	ABhande
104	BIRADAR VISHNU DNYANESHWAR	Vishny	Vishny	Vishny	Vishny	Vishny
105	CHAVAN SATYAJEET DATTATRAYA	Sdhavan	Sdhavan	Sdhavan	Sdhavan	Sdhavan
106	CHOUGULE ANMOL VIJAY					
107	DESAI APOORV ATUL					
108	DESAI MILIND POPAT					
109	GADEKAR VINAYAK DATTATRAY					
110	HATEKAR YOGESH RAMRAJA					
111	INGALE SAGAR SUNIL					
112	JAGADALE NITIN BABURAO	NBJ	NBJ	NBJ	NBJ	NBJ
113	JAGATAP SONAM BALASO	SBJagtap	SBJagtap	SBJagtap	SBJagtap	SBJagtap
114	JAMDADE SWAPNIL SUNIL			AB		
115	KALE PRANAV VIJAY					
116	KHALIPHA MUHAMMADZAID AKHTARNAWAJ	Khalipha	Khalipha	Khalipha	Khalipha	
117	KHANGUTKAR CHINTAMANI ASHOK					
118	KOTHALE MANTHAN CHANDRAKANT					
119	MADANE ANIKET RAJU					
120	MADANE UDAY SANTOSH					
121	MAGDUM SAMMED VINOD					
122	MALI SHASHIKANT ANIL					
123	MANE POONAM SURESH			AB		
124	MANE VRUSHALI MAHESH	Vmane	Vmane	Vmane		
125	METSINGE SOURABH RAJENDRA					
126	MIRZA FIZA ISMAIL	Fiza	Fiza	Fiza	Fiza	Fiza
127	MOMIN NAMIRA SHARIF	Nmomin	Nmomin	Nmomin	Nmomin	Nmomin
128	NADAF ANJUM MUNIR	Nadaf	Nadaf	Nadaf	Nadaf	Nadaf

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

129	NANGURE APARANA ANNASO	Nangure	Nangure	Nangure	Nangure	Nangure
130	PATIL PRATHMESH PRAMOD	Patil	Patil	Patil	Patil	Patil
131	PATIL RAJESH NINGONDA	राजेश पाटील	राजेश पाटील	राजेश पाटील	राजेश पाटील	राजेश पाटील
132	PATIL SOURAV SANJAY	Patil	Patil	Patil	Patil	Patil
133	RAUT DHANSHREE MAHESH	D.Raut	D.Raut	D.Raut	D.Raut	D.Raut
134	RODE PRAKASH RAJARAM					
135	SHAIKH ABUBAKAR ASLAM					
136	SHINGADE DHANASHRI MANIK					
137	SOUDAGAR MAAZ SHANAWAJ	Maaz.	Maaz.	Maaz.	Maaz.	Maaz.
138	SURYAWANSHI GOURANG MILIND					
139	TADSE SURAJ PRALHAD					
140	TANDALE CHAITNYA SAMPAT					
141	WAGHMARE DHRUV VIPUL					
142	WAGHMARE MAYUR SANJAY					
143	WAGHMARE REVATI BALASO	Revati	Revati	Revati	Revati	Revati
144	WALEKAR SURAJ PRAKASH		AB			
145	KAMBLE SUJITKUMAR		AB			
146	MULLA ANIS ZAKIR					
147	DESHPANDE SRUSHTI RAGHVENDRA		AB			
148	DHANSARE AMIT BABASAHEB		AB			

List of students – VAC- Revit Software (T.Y B.Tech)

Sr.No.	Student Name	18-5-22	19-5-22	21-5-22	27-5-22	28-5-22
1	Aditya Dadaso Desai					
2	Sajid Ramjan Mullani					
3	Tejash Shankarrao Pawar					
4	SNEHA CHHACHWALE					
5	Nishant Prafulla Sankpal	Nishant				
6	Asad Nassirhusen Desai					
7	Vinayak Krishna Lokare	Lokare.				
8	MILIND POPAT DESAI					
9	Pradnyesh Dipak Dharpawar					
10	Mayur Bharat Awale					
11	Netradeep Mohan Kamble					
12	Birajdar Sangeeta Suresh	Sangeeta.				
13	Kharat Rameshwari Mahadev					
14	Abdul Hannan Irfan Patel					
15	Pranjali Prakash Jadhav	Pranjali	Pranjali	Pranjali	Pranjali	Pranjali.
16	Sayali santosh joyashi					
17	Karuna Prakash Jagtap					
18	Bhagyashri Rajendra Shinde					
19	Joe Krosspathai	Joe	Joe	Joe	Joe	Joe
20	Fiza Mirza	Fiza;				
21	Dhruv					
22	Roshni Angad Jadhwar					
23	Girish Sanjay Dhale					
24	Sudarshan Chougule					
25	Aniket Madane					
26	Badrinath					
27	Chaitnya Sampat tandale					
28	Adesh shrimant shinde					
29	Rohit Amanna					
30	SURAJ PRALHAD TADSE	Tadse				
31	PRATHAMESH KAMBLE					
32	Kamble Megha					
33	Patil Pooja					
34	ZORENGPUIA LIANTLUANG					
35	Juveriya Rafik Mujawar					
36	Aarti Appu Gaonkar					
37	SAKSHI SHIVAJI PATIL					
38	Muhammadzaid Khalipha					
39	Mahesh Babaso Sawant					
40	Afsar khatik					
41	Ashwini Mali			Mali	Mali	Mali
42	Prathmesh Patil B.Tech					

43	Jibrail					
44	SUJATA					
45	Dhiraj Patil		Patil		Patil	Patil
46	Patil Rajesh Ningonda					
47	koshti virabhadra suresh					
48	Saurabh R. Chougule					
49						
50						

ACADD CENTRE

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GOVERNMENT OF INDIA, MSME Registered Organisation

Certificate of participation

Joe Krosspathai

has successfully participated

Revit Architecture

workshop and scored an 'A' Grade in the prescribed final examination conducted by Institute on 19th May 2023

Certificate Number: JJMCE20

Duration: 30 hrs

CENTRE HEAD SIGN

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Certificate of participation

Megha Mesappa Kamble

has successfully participated

Revit Architecture

workshop and scored an 'A' Grade in the prescribed final examination conducted by Institute on 19th May 2023

Certificate Number: JJMCE46

Duration: 30 hrr

ENTRE HEAD SIGN

DIRECTOR SIGN

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ACADD CENTRE

An ISO 9001:2015 Certified Organization
GOVERNMENT OF INDIA, MSME Registered Organisation

Certificate of participation

SAKSHI SHIVAJI PATIL

has successfully participated

Revit Architecture

workshop and scored an 'A' Grade in the prescribed final examination conducted by Institute on 19th May 2023

Certificate Number: JJMCE26 Duration: 30 hrs

CENTRE HEAD SIGN

DIRECTOR SIGN

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ACADD CENTRE

An ISO 9001:2015 Certified Organization

GOVERNMENT OF INDIA, MSME Registered Organisation

Certificate of participation

PRATHAMESH MOHAN KAMBLE

has successfully participated

Revit Architecture

workshop and scored an 'A' Grade in the prescribed final examination conducted by Institute on 19th May 2023

Certificate Number: JJMCE23

Duration: 30 hrs

CENTRE HEAD SIGN

DIRECTOR SIGN

Accredited By

9001:2015

CADD CENTRE

An ISO 9001:2015 Certified Organization

GOVERNMENT OF INDIA, MSME Registered Organisation

Certificate of participation

ZORENGPUIA LIANTLUANG

has successfully participated

Revit Architecture

workshop and scored an 'A' Grade in the prescribed final examination conducted by Institute on 19th May 2023

Certificate Number: JJMCE22

Duration: 30 hrs

CENTRE HEAD SIGN

DIRECTOR SIGN

COLLEGE OF ENGINEERING

Accredited By

ISO 9001:2015

MSME

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ISO 9001 2015 CERTIFIED

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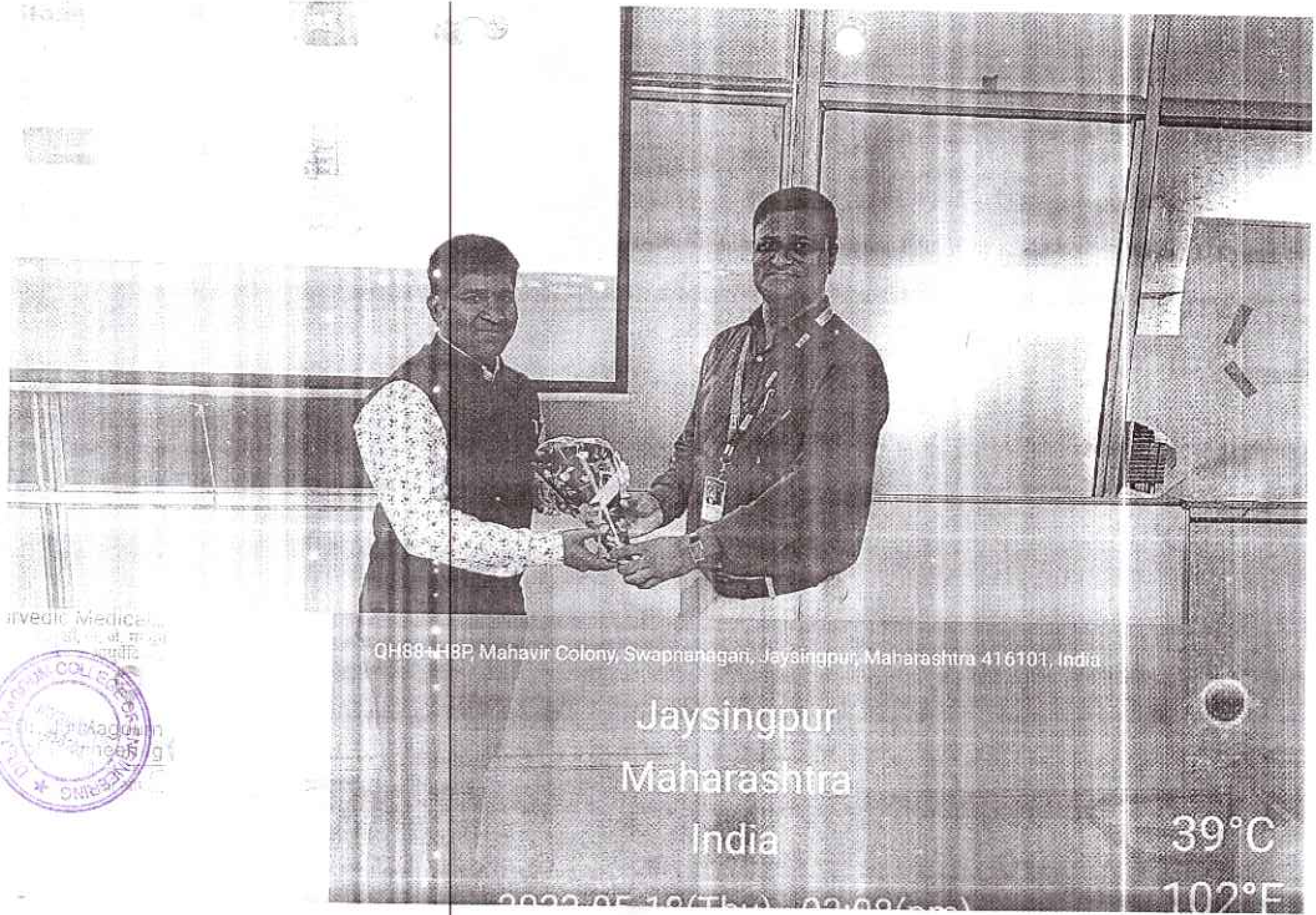
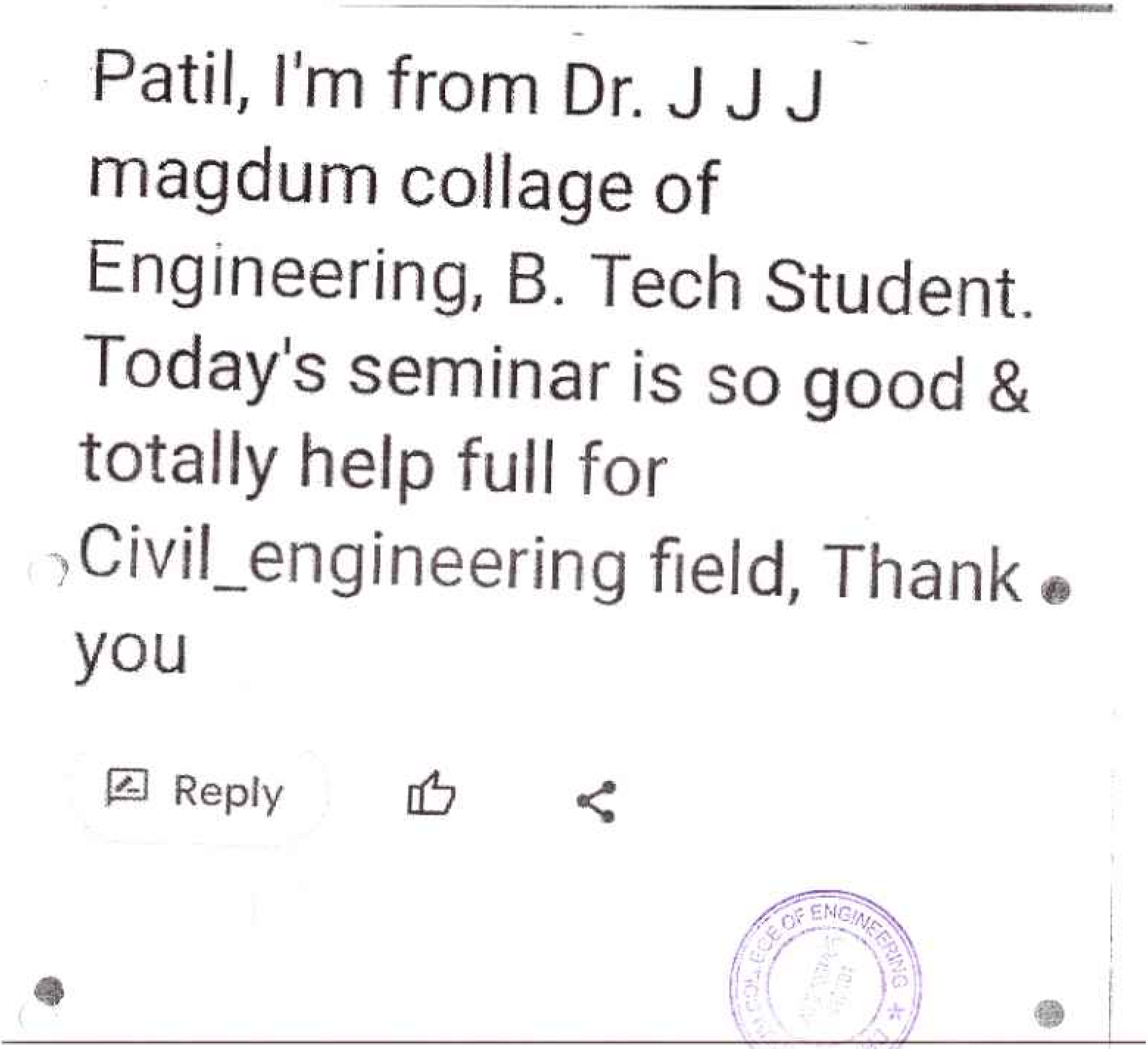

QH88+H8P, Mahavir Colony, Swapnanagar, Jaysingpur, Maharashtra 416101, India
Jaysingpur
Maharashtra
India
39°C
102°F

rvedic Medical



Patil, I'm from Dr. J J J magdum collage of Engineering, B. Tech Student. Today's seminar is so good & totally help full for Civil_engineering field, Thank you

ACADD CENTRE

An ISO 9001:2015 Certified Organization
GOVERNMENT OF INDIA, MSME Registered Organisation

Certificate of participation

Muhammadzaid Akhtarnawaj Khalipha

has successfully participated

Revit Architecture

workshop and scored an 'A' Grade in the prescribed final examination conducted by Institute on 19th May 2023

Certificate Number: JJMCE21 Duration: 30 hrs

CENTRE HEAD SIGN

DIRECTOR SIGN

Accredited By

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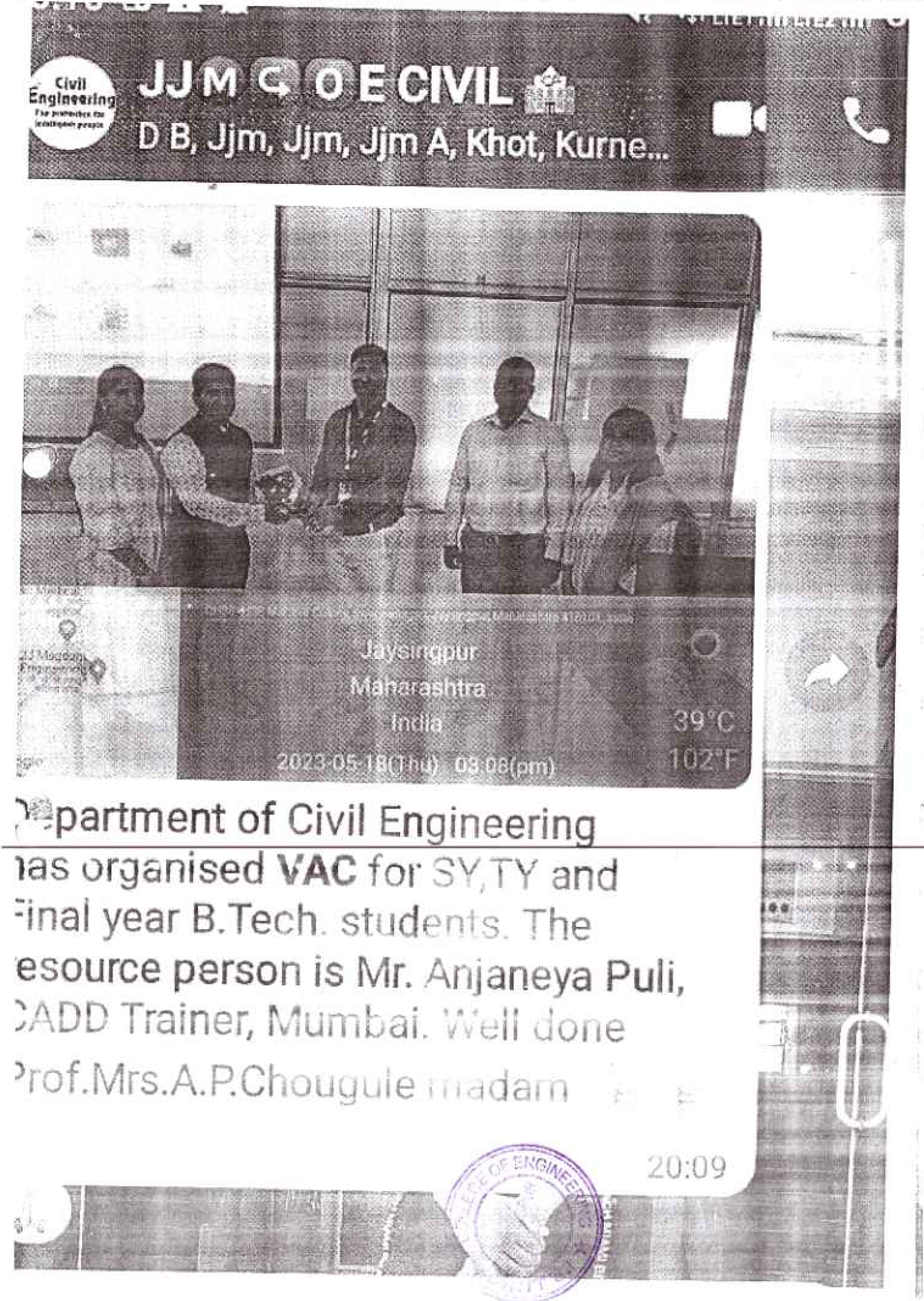
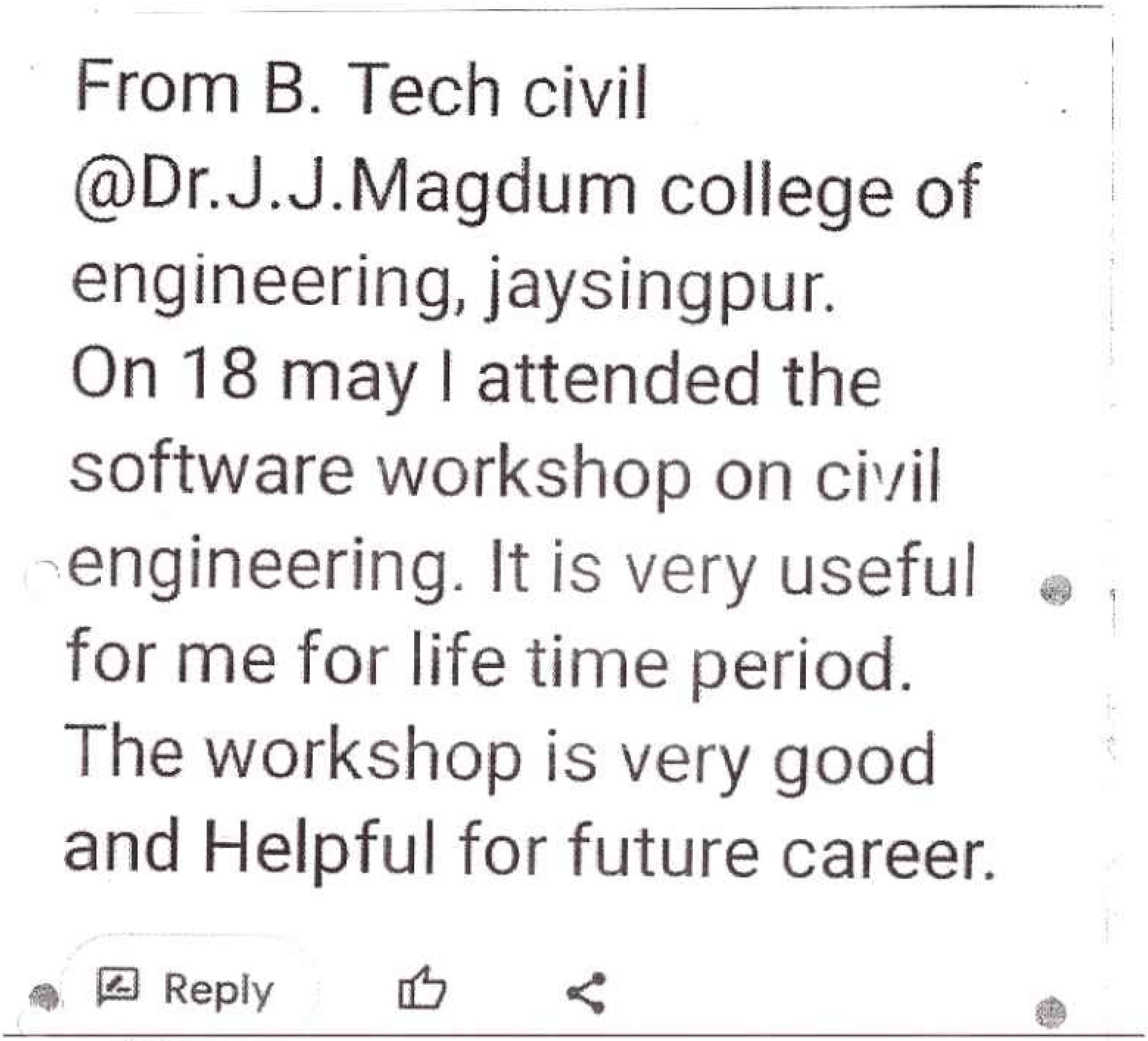
COLLEGE OF ENGINEERING

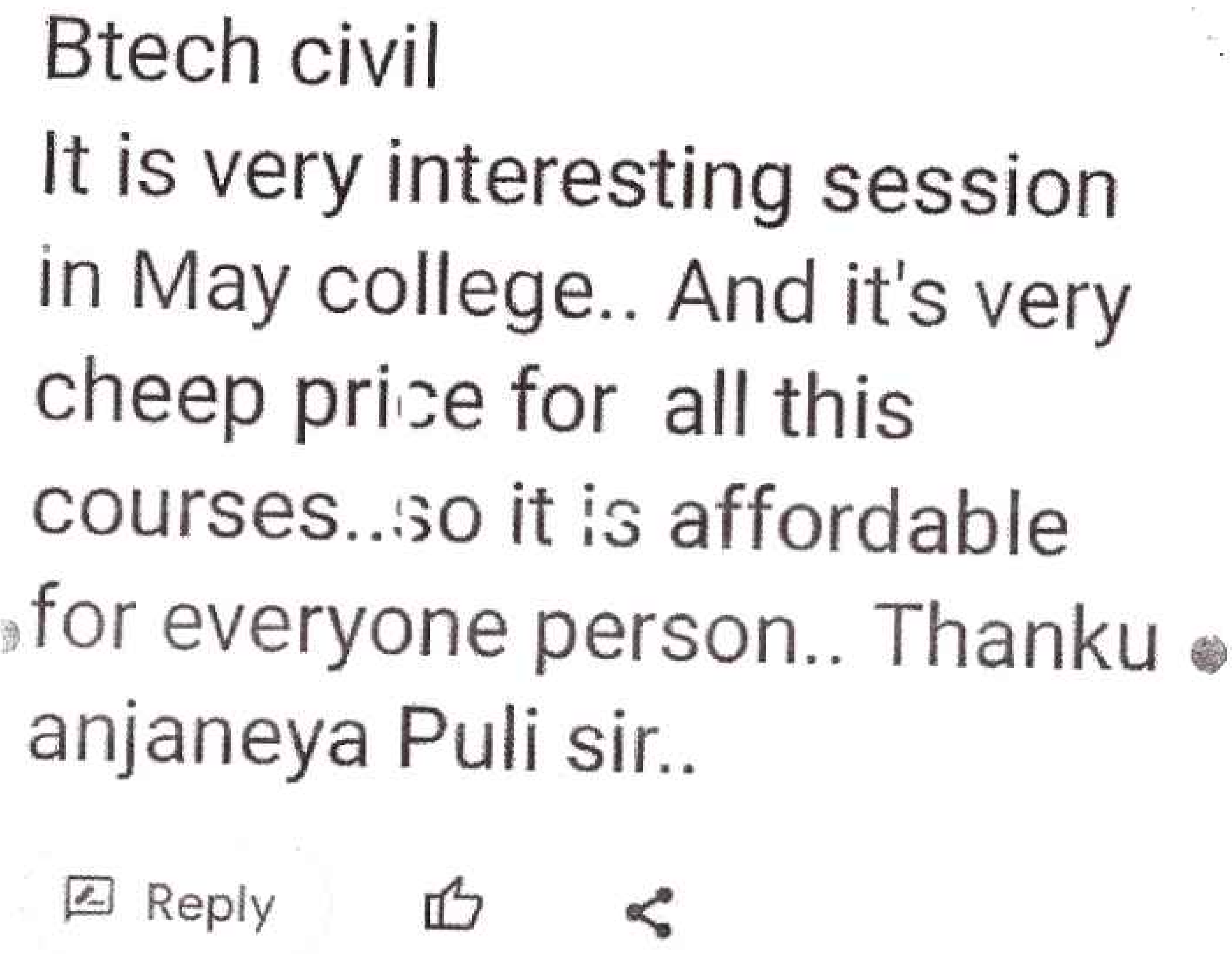

JJ M C O E CIVIL
D B, Jjm, Jjm, Jjm A, Khot, Kurne...
Jaysingpur
Maharashtra
India
2023-05-18(Thu) 03:08(pm)
39°C
102°F

epartment of Civil Engineering
as organised **VAC** for SY,TY and
inal year B.Tech. students. The
esource person is Mr. Anjaneya Puli,
ADD Trainer, Mumbai. Well done
rof.Mrs.A.P.Chougule madam

20:09



From B. Tech civil @Dr.J.J.Magdum college of engineering, jaysingpur.
On 18 may I attended the software workshop on civil engineering. It is very useful for me for life time period.
The workshop is very good and Helpful for future career.



Btech civil

It is very interesting session in May college.. And it's very cheep price for all this courses..so it is affordable for everyone person.. Thanku anjaneya Puli sir..

Dr. J. J. Magdum Trust's (No. E/902)

J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Summary of Industrial Visit

Year 2022-23 (II nd Semester)

Sr. No	Class	Subject	Date	Details
1	SY	Concrete Technology	28/04/2023 Friday	Ongoing construction site
2	SY	Building Design and Drawing		
3	TY (A and B)	Engineering management		
4	TY(A and B)	Geotechnical Engineering II		
5	TY (A and B)	SDD I		
6	TY (A and B)	Environmental Engineering II	26/04/2023 Wednesday	Wastewater treatment plant

Latth

Prof. Mrs. D. A. Latthe
Industrial Visit Co cordinator

Dr. J. S. Lambe
HoD, Dept of Civil Engineering

Dr. J. J. Magdum Trsust's

D. J. J. Magdum College of Engineering

DEPARTMENT OF CIVIL ENGINEERING

Summary of industrial visit

Year 2022-23

Class	subject	Date	Details
TY Civil Engineering	Environmental Engg. I	08/02/22	Water treatment plant, Miraj
TY Civil Engineering	Water resources Engg.	08/02/22	Meteorological Station Waranali Sangli

Prof. D. A. Latthe
Industrial visit co ordinator

Dr. J. S. Lambe
HOD

D. J. J. MAGDUM COLLEGE OF ENGINEERING
DEPARTMENT
OF
CIVIL ENGINEERING
JAYSINGPUR - 416 101.

DR. J. J. MAGDUM TRUST'S

Ref. No.:-JJMCOE/Cv./2022-23/

Date: 05-12-2022

To,
The Executive Engineer,
Irrigation Department Warnali,
Sangli.

Subject:-Permission to visit Metrological station

Respected Sir,

Following are the bonafide students of this college studying in Third Year Civil (A & B Division).As an academic development; they need to visit Metrological Station. We are planning to visit on 8th December 2022.

We request you to grant the permission to visit and collect first hand information about various aspects. The information will be used for academic purpose only.

Thanking you, with regards.

Recieved

Yours faithfully,

DEPARTMENT OF CIVIL ENGINEERING

Prof. Ms. S.S. Khot
Subject In-charge

Dr. J. S. Lambe
Head, Civil Engg. Dept

Dr. J. J. Magdum College of Engineering, Jaysingpur
☐ Approved by A.I.C.T.E, New Delhi ☐ Recognized by Govt. of Maharashtra (D.T. E.) ☐ Affiliated to SHIVAJI UNIVERSITY, Kolhapur
Gat No. 289 (314/330), Shirol-Wadi Road, (Agarbhag), JAYSINGPUR - 416 101. Dist. Kolhapur (M.S.)
Tel. No. (02322) 221825, 221123, Fax No.: (02322) 221831
Email : campusdirector@jjmcoe.ac.in / principal@jjmcoe.ac.in / registrar@jjmcoe.ac.in Website : www.jjmcoe.ac.in

DR. J. J. MAGDUM TRUST'S

Ref. No.:-JJMCOE/Cv./2022-23/ Date: - 08/12/2022

To,
The Executive Engineer,
Irrigation Department Warnali,
Sangli.

Subject: -Appreciation and thanking letter

Respected Sir,

We are very much thankful for allowing our students of third year civil engineering department to visit Metrological Station as per scope of Water Recourses Engineering I subject requirement to gain practical experience.

We appreciate your assistance and expect the same cooperation in future too.

Thanking you, with regards.

Yours faithfully,

Prof. Ms. S.S. Khot
Subject In-charge

Dr. J. S. Lambe
Head, Civil Engg. Dept

DEPARTMENT OF CIVIL ENGINEERING
Dr. J. J. MAGADUM COLLEGE OF ENGINEERING
JAYSINGPUR - 416 101

8/12/22

[illegible]
[illegible] मिरज कुपवाड शहर
महानगरपालिका
[illegible] पुरवठा विभाग

Dr. J. J. Magdum College of Engineering, Jaysingpur

☐ Approved by A.I.C.T.E, New Delhi ☐ Recognized by Govt. of Maharashtra (D.T.E.) ☐ Affiliated to SHIVAJI UNIVERSITY, Kolhapur

Gat No. 289 (314/330), Shirol-Wadi Road, (Agarbhag), JAYSINGPUR - 416 101. Dist. Kolhapur (M.S.)
Tel. No. (02322) 221825, 221123, Fax No.: (02322) 221831
Email : campusdirector@jjmcoe.ac.in / principal@jjmcoe.ac.in / registrar@jjmcoe.ac.in Website : www.jjmcoe.ac.in

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering

An 'A' Grade Institution (Awarded by Govt. of Maharashtra)
Approved by A. I. C. T. E., New Delhi. Recognised by; Govt of Maharashtra (DTE)
& Affiliated To SHIVAJI UNIVERSITY, KOLHAPUR.
Gat No. 314/338, Shirol –Wadi Road, Agarbhag, JAYSINGPUR – 416 101. Dist - Kolhapur.

THE UNDERTAKING BY THE STUDENT

To,
The Principal,
Dr.J.J.Magdum College of Engineering.
Jaysingpur.

Subject :- WRE-I Study Tour 2022-23

Respected Sir,

I, Shri./Kum.______________________________ the undersigned, am a student of _________ Civil, Roll No._______ at this college. I am participating in the study tour arranged by the Civil Engg. Department. I am proceeding on this tour at my own risk and I understand that in case of any untoward incidence neither the staff accompanying us nor the Institute will be responsible for the damages or looses therein. I undertake to abide by the rule and instructions given by the tour in charge.

CLASS :- T.Y. CIVIL		DIVISION - A		A.Y.-2021-22 (Sem.-II)	
ROLL NO.	NAME OF STUDENT	Sign	ROLL NO.	NAME OF STUDENT	Sign
1	ZORENGPUIA LIANTLUANG		27	KATE PANKAJ VIKAS	
2	CHOUDHARI JIBRALI BASHIR		28	CHAUDHARI NIKHIL SUNIL	
3	MUJAWAR JUVERIYA RAFIK		29	SHINDE ADESH SHRIMANT	
4	KAMBLE PRATHAMESH MOHAN		30	KINNINGE PRAJWAL RAGHOBA	
5	BYELLE SOMANATH DEVENDRA		31	KOLAP RAJRATNA MAWENDRA	
6	GAONKAR AARTI APPU		33	DAYMA BHAGYASHRI RAMESH	
7	MANE SOURABH RAJU		34	KARANDE MOHINI SHANKAR	
8	SALUNKHE VAIBHAV ANIL		35	KARANDE KISHAN ARUN	
9	NIRMALE UTKARSH BALASAHEB		37	PATIL NARAYAN CHANDRAKANT	
10	AWALE ROHIT SANJAY		38	SANKPAL SUMIT ASHOK	
11	KOTHAVALE TUSHAR SHASHIKANT		39	POL MANSI SUDHAKAR	
12	SWAMI AMOL MILIND		40	CHOUGULE AKHILESH BHAUSO	
13	RAJPUT ABHIJEET VIJAYSING		41	PATIL ANIKET ANANDRAO	
14	NAGARGOJE TANAJI SHRIKANT		43	PAKHALI SAAD RAJMAHAMMAD	
15	KADU RUKHSAR JAMIL		44	CHAVAN SAURABH SHAMSUNDAR	
16	PATHAN ANISHA SIKANDAR		45	KULKARNI JEEVAN JAGDISH	
17	DABADE SWAPNIL BABURAO		46	JAMADAR IJAJAHAMAD NASRUDDIN	
18	KOSHTI SOURABH sunilkumar		48	mane sanket sanjay	
19	KAMBLE SHUBHAM VIKAS				
20	JADHAV SANDEEP BHARAT				
21	VANMORE MAHANTESH SUNIL				
22	KAMBLE HARSHAD SHRIKANT				
24	PATIL PRANIT RAVINDRA				
25	CHOUGULE SOURABH RAJGONDA				
26	MANE OMKAR ASHOK				

Dr. J. J. Magdum College of Engineering
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& Affiliated To SHIVAJI UNIVERSITY, KOLHAPUR.
Gat No. 314/330, Shirol –Wadi Road, Agarbhag, JAYSINGPUR – 416 101. Dist - Kolhapur.

THE UNDERTAKING BY THE STUDENT

To,
The Principal,
Dr J.J.Magdum College of Engineering,
Jaysingpur.

Subject :- WRE Study Tour 2022-23

Respected Sir,

I, Shri./Kum.________________________________ the undersigned, am a student of _________ Civil, Roll No._______ at this college. I am participating in the study tour arranged by the Civil Engg. Department. I am proceeding on this tour at my own risk and I understand that in case of any untoward incidence neither the staff accompanying us nor the Institute will be responsible for the damages or looses therein. I undertake to abide by the rule and instructions given by the tour in charge.

CLASS :- T.Y. CIVIL DIVISION - B A.Y.-2021-22 (Sem.-II)

ROLL NO.	NAME OF STUDENT	Sign	ROLL NO.	NAME OF STUDENT	Sign
101	BAGADI SOURABH ARUN		129	HARALE RUTURAJ ASHOK	
102	PATIL DIGVIJAY KISHOR		130	KHANDARE PRANIKET PRAKASH	
103	KAMBLE MEGHA MESAPPA		132	MULE VISHAL VIJAY	
104	PATIL SOURABH SURESH	Patil	134	NAGARBAVADI TOUHID HABIB	
105	PATIL DIGAMBAR SIDDHESHWAR		136	SHINDE MAKRAND MANSING	
106	KALE RAKESH TANAJI		137	LAD SUJATA MANOHAR	
107	PATEL ZEESHAN JAMEEL		138	NANDAVADEKAR ABHIJEET APPAJI	
108	PATIL ASHISH BALASAHEB		139	PATIL VAIBHAV SUBHASH	
109	WALAVEKAR YOGESH MOHANRAO		141	REVADE SAKSHI SAMBHAJI	
110	KAMBLE TEJAS CHANDRAKANT		142	PATIL RUSHIKESH BABASO	
111	DESAI URVISH RAHUL		143	NAIK CHAITANYA BALASAHEB	
112	MAGDUM NIKHIL KUMAR		144	KAVATHEKAR PARTH VITTHAL	
114	PATIL PRANIT BALASAHEB		145	PATIL SAKSHI SHIVAJI	Patil
115	MAHESH PRAKASH INGAVALE		147	KADAM SANGRAM MAHADEV	Kadam
116	DURGADE RUTUJA VIVEK		148	SAYYAD JAVED KAMRAN	
117	DURGADE MRUDULA RAVINDRA		149	SUTAR YOGESH PRATAP	
118	ERANDOLE OMKAR SANJAY		150	KAMBALE KIRAN BAGAL	
120	DINDE RAVINDRA SURYAKANT				
121	KAMBLE RUPESH BHARAT				
123	PATIL AKASH GANESH				
124	PATIL POOJA SAMBHAJI	Patil			
125	MARVAL ATHARV BHARATLAL				
126	GURAV YASH JITENDRA				
127	NADAF IMRAN ASLAM				

128 Patil sourabh Popat

GPS Map Camera
Sangli, Maharashtra, India
VJ24+WMX, Wanali, Sangli, Maharashtra 416415, India
Lat 16.851648°
Long 74.606224°
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Google

GPS Map Camera
Sangli, Maharashtra, India
Appa Rd, Sadgur Housing Society, Sangli, Maharashtra 416415, India
Lat 16.851976°
Long 74.605763°
08/12/22 02:01 PM GMT +05:30
Google

Dr.J.J.MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR.
DEPARTMENT OF CIVIL ENGINEERING-
INTERNSHIP LIST

CLASS :- B. TECH CIVIL (Sem.-I) **A.Y.-2023-24**

Sr No	ROLL NO.(Revised)	NAME OF STUDENT	Name of Company
1	1	ZORENGPUIA LIANTLUANG	PWD, MIZORAM
2	2	MUJAWAR JUVERIYA RAFIK	SHIV R CITY MALL JOINT VENTURE AOP
3	3	KAMBLE PRATHAMESH MOHAN	MANOJA STHAPARTYA
4	4	BYELLE SOMANATH DEVENDRA	BALAJI CONSTRUCTION
5	5	GAONKAR AARTI APPU	SHIV R CITY MALL JOINT VENTURE AOP
6	6	SALUNKHE VAIBHAV ANIL	A. R. CONSTRUCTION
7	7	MANE OMKAR ASHOK	Er. VINIT SUNIL MANE , GOVT. REGISTERED CONTRACTOR
8	8	KINNINGE PRAJWAL RAGHOBA	WAP CONSTRUCTION
9	9	POL MANSI SUDHAKAR	RAJYOG CONSTRUCTION
10	10	CHOUGULE AKHILESH BHAUSO	ARCHISTRUCT
11	11	KULKARNI JEEVAN JAGDISH	R. N. CONSTRUCTION
12	12	MANE SANKET SANJAY	VAASTU CONSTRUCTION
13	13	PATIL DIGVIJAY KISHOR	A. R. CONSTRUCTION
14	14	KAMBLE MEGHA MESAPPA	VARUN PRADEEP PATWARDHAN
15	15	PATEL ZEESHAN JAMEEL	WAP CONSTRUCTION
16	16	PATIL PRANIT BALASAHEB	BALAJI CONSTRUCTION
17	17	ERANDOLE OMKAR SANJAY	MANOJA STHAPARTYA
18	18	PATIL AKASH GANESH	ARCHISTRUCT
19	19	PATIL SOURABH POPAT	BALAJI CONSTRUCTION
20	20	KHANDARE PRANIKET PRAKASH	ARCHISTRUCT
21	21	NANDAVADEKAR ABHIJEET APPAJI	BALAJI CONSTRUCTION
22	22	PATIL VAIBHAV SUBHASH	ARCHISTRUCT
23	23	PATIL SAKSHI SHIVAJI	AMBU BUILDERS & DEVELOPERS
24	24	CHOUDHARI JIBRALI BASHIR	ER. SHRIPAD PUNDLIK KOLI
25	25	NIRMALE UTKARSH BALASAHEB	Er. VINIT SUNIL MANE , GOVT. REGISTERED CONTRACTOR
26	26	KADU RUKHSAR JAMIL	VARUN PRADEEP PATWARDHAN
27	27	KATE PANKAJ VIKAS	ER. SHRIPAD PUNDLIK KOLI
28	28	DAYMA BHAGYASHRI RAMESH	RUTURAJ K. SUTAR B.E. CIVIL
29	29	PATIL NARAYAN CHANDRAKANT	ARCHISTRUCT
30	30	SANKPAL SUMIT ASHOK	ARCHISTRUCT
31	31	SHINDE MAKRAND MANSING	ARCHISTRUCT
32	32	LAD SUJATA MANOHAR	UMESH YADAV & ASSOCIATES
33	33	REVADE SAKSHI SAMBHAJI	RUTURAJ K. SUTAR B.E. CIVIL
34	34	KOTHAVALE TUSHAR SHASHIKANT	RAJYOG CONSTRUCTION
35	35	PATIL SANKET RAJGONDA(P)	ARCHISTRUCT
36	36	MAGDUM NIKHIL KUMAR	ARCHISTRUCT

37	37	PATIL POOJA SAMBHAJI	VARUN PRADEEP PATWARDHAN
38	38	PATHAN ANISHA SIKANDAR	RAJYOG CONSTRUCTION
39	39	CHOUGULE SOURABH(P)	ARCHISTRUCT
40	40	AWALE ROHIT SANJAY	ARCHISTRUCT
41	41	PATIL PRANIT RAVINDRA	ARCHISTRUCT
42	42	SHINDE ADESH SHRIMANT	ARCHISTRUCT
43	43	PAKHALI SAAD RAJMAHAMMAD	ER, I. I. PATEL
44	44	KAMBLE HARSHAD SHRIKANT	ARCHISTRUCT
45	45	KOSHTI SOURABH SUNILKUMAR	RUTURAJ K. SUTAR B.E. CIVIL
46	46	BAGADI SOURABH ARUN	ARCHISTRUCT

Dr. J. J. MAGADUM COLLEGE OF ENGINEERING
DEPARTMENT
OF
CIVIL ENGINEERING
JAYSINGPUR - 416 101.

PWD Complex
2390083
Laipuitlang,
Aizawl – 796012
Mizoram

E-mail: odc pwd@gmail.com
Webpage: pwd mizoram.gov.in

GOVERNMENT OF MIZORAM.
OFFICE OF THE SUPERINTENDING ENGINEER : OTHER DEPARTMENT CIRCLE
MIZORAM : AIZAWL

INTERNSHIP CERTIFICATE

Dated: Aizawl, the 31st July, 2023.

This is to certify that Mr. Zorengpuia Liantluang, Roll No. 1, IV Year student of B.Tech in Civil Engineering, J.J. Magdum College of Engineering has successfully completed an Internship Programme under the Government of Mizoram at Public Works Department, Office of the Superintending Engineer, Buildings & Other Department, Aizawl, Mizoram during 11th July, 2023 to 27th July, 2023.

He has successfully completed the following work during the internship period:-

1. Field training at Re-Construction of District Transport Office Building at Champhai.

During the training period he has excellent character with self-motivated attitude to learn new things. He has an excellent performance during the internship period.

We wish him all the best for his future endeavors.

31/7/23

(HRANGTHANGA ZOTE)
Superintending Engineer, PWD.,
Other Department Circle,
Mizoram: Aizawl.

VAASTU CONSTRUCTION
Govt. regd. Contractor, Engineer and Consultant
T-10, Third floor, Siddhivinayak Fortune, Opposite Hotel
Pearl, Vijaynagar, Sangli 416416

Date :- 21/07/2023

CERTIFICATE

This is to certify that ***Mr. Sanket Sanjay Mane*** Roll No. 12 Studying in BE (Civil) from Dr. J. J. Magdum College of engineering Jaysingpur of civil engineering has completed successfully field training work from our organization at **VAASTU CONSTRUCTION** From (06/07/2023) to (20/07/2023).

Er. Rushank Ravindra Patil
Regd. Govt. Contractor

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Following are the final list of project with allocation of Project Guide for Academic Year 2022-23

Group No.	Roll No.	Name of Student	Project Title	Guide
1	4	Aditya D. Desai	Construction site Inspection by using Drone or UAV	Dr. D.B.Desai
	3	Sneha R.Chhachwak		
2	143	Suraj P. Tadse	Use of Geosynthic materials in road construction	Dr. D.B.Desai
	39	Girish S.dhale		
	17	Netradeep M.Kamble		
	18	Joe krosspathai		
	24	Prathmesh R.Kamble		
3	9	Prajali Jadhav	Project Management in Construction by using primavera P6 Software	Prof.A.S.Sajane
	13	Karuna Jagtap		
	35	Bhagyashri Shinde		
	12	Roshani Jadhwar		
	14	Sayli Joyashi		
4	2	Sangeeta S.Birajdar	Manufacturing and Cost Analysis of Basalt	Prof.A.S.Sajane
	31	Komal Subhash Patole		
	34	Nishant P.Sankpal		
	21	Rameshwari M. Kharat		
	38	Praful Sarwade		
5	11	Suraj Umaji Jadhav	Performanace Study on Soil Stabilization Using Highly Valcanized Rubber Sheet	Dr.J.S.Lambe
	28	Sajid Ramjan Mullani		
	44	Ajinkyaraj Prakash Raut		
	46	SHAIKH SAAD AKIL		
		Amit B. Dharashi		
6	43	Sharad D.Mohite	Recycling & reuse of construction waste for sustainable development	Dr.J.S.Lambe
	101	Rohit R.Amanna		
	139	SHAIKH ABUBAKAR A.		
	150	Anis Z.Mulla		
	9	Shoheb Mulla		
7	113	Sagar Sunil Ingale	Utilization of Plastic Waste In Paving Blocks	Prof.A.P.Chougule
	134	Prathmesh P Patil		
	138	Prakash R. Rode		
	142	Gourang M. Suryawanshi		
	148	Suraj P. Walekar		
8	112	Yogesh R.Hatekar	Experimental study on using Recycled aggregate in concrete in order replace natural aggreagate	Prof.V.K.Wandre
	145	Sujit Kamble		
	47	Sainath Kamate		
	48	Unmesh Shah		

9	26	Awais s.Mulla	Use of plastic in construction of Road	Prof.A.P.Chougule
	22	Afsar A. Khatik		
	30	Dhiraj T. Patil		
	8	Shivam P. harage		
	37	Shubham S. sonawane		
10	104	BHANDARE AARTI V.	Experimental study on use of fly ash In concrete	Prof.S.P.Madnaik
	115	JAGATAP SONAM B.		
	137	RAUT DHANSHREE M.		
	140	SHINGADE DHANASHRI M.		
	147	WAGHMARE REVATI B.		
11	5	Asad Desai	Design of Slope Stabilization scheme in existing landslide prone area	Prof.S.S.Khot
	6	Pradnyesh D.Dharpawar		
	25	Vinayak k. Lokare		
	23	Virbhadra S.Koshti		
	29	Abdul H. Patel		
12	1	BADAGHAR ABBASALI J.	Biodegradable Material Management in JJMCOE Campus	Prof.D.A.Latte
	16	KAMBLE DEEKSHANT P.		
	20	KHALIPHA SOHEL S.		
	32	PAWAR TEJASH S.		
	145	WAGHMARE DHRUV V.		
13	7	Onkar Dhenge	Experimental Analysis of strength of fibre Reinforced M20 Grade Concrete	Prof.K.G.Ghodake
	15	Ashitosh Kadgaonkar		
	33	Vijay Powar		
	10	Sopan Jadhav		
		Srushthi R.Deshpande		
14	102	Mayur B. AWALE	Use of plastic aggregate in concrete	Prof.K.G.Ghodake
	105	Vishnu D.biradar		
	106	Satyajeet D.chawan		
	110	Milind P.Desai		
	122	Anik R.Madane		
15	118	KHALIPHA MUHAMMADZAID A	Study of Pervious concrete	Prof.S.P.Madnaik
	127	MANE VRUSHALI MAHESH		
	129	MIRZA FIJA ISMAIL		
	130	MOMIN NAMIRA SHARIF		
	149	Chaitanya S.Tandole		
16	42	Badrinath M.Donawade	Experimental study of retrofitting and re-strengthening of RCC structure	Prof.V.K.Wandre
	120	Chintamani A. Khangutkar		
	121	Manthan C. Kothale		
	125	Shashikant A. Mali		
	128	Sourabh R. Medsinge		
17	19	Raju Gurappa Kengar	Fiber Reinforced Autoclaved Aerated Concrete (AAC) Block	Prof.S.V.Mane
	47	Sushant Dattatray Thorbole		
	117	Pranav Vijay Kale		
	135	Rajesh Ningonda Patil		
	146	Mayur Sanjay Waghmare		
	114	JAGADALE NITIN B.		

18	111	GADEKAR VINAYAK D. ✓	Manufacturing of Concrete block by using silica fumes	Prof.V.A.Patil
	126	MANE POONAM S. ✓		
	133	NANGURE APARANA A. ✓		
	40	AJETRAO MAHADEV M. ✓		
19	41	CHOUGULE SUDARSHAN M. ✓	Brick Manufacturing using Plastic Waste & fly ash	Prof.S.S.Khot
	45	SAWANT MAHESH B. ✓		
	109	DESAI APOORV A. ✓		
	131	NADAF MOIEN M. ✓		
	141	SOUDAGAR MAAZ S. ✓		
20	108	CHOUGULE ANMOL VIJAY ✓	Flood Disaster Management	Prof.D.A.Latte
	116	Jamdade Swapnil Sunil ✓		
	124	MAGDUM SAMMED VINOD ✓		
	135	PATIL RAJESH NINGONDA ✓		
	136	PATIL Saurabh Sanajay ✓		

Prof.V.K.Wandre
Project In Charge

Dr. J. S. Lambe
HOD Civil Engg

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

All B.tech Civil Engineering students are informed that Following lists are allocated as Sponsored Project for Academic Academic Year 2022-23

Sponsored Project A.Y. 2022-23

Sr. No	Group No.	Project Title	Guide	Roll No.	Name of Student
1	10	Experimental study on use of fly ash In concrete	Prof.S.P.Madnaik	103	BHANDARE AARTI V.
				113	JAGATAP SONAM B.
				133	RAUT DHANSHREE M.
				136	SHINGADE DHANASHRI M.
				143	WAGHMARE REVATI B.
2	13	Experimental Analysis of strength of fibre Reinforced M20 Grade Concrete	Prof.K.G.Ghodake	7	Onkar Dhenge
				15	Ashitosh Kadgaonkar
				33	Vijay Powar
				10	Sopan Jadhav
				132	Srushthi R.Deshapande
3	14	Use of plastic aggregate in concrete	Prof.K.G.Ghodake	102	Mayur B. AWALE
				105	Vishnu D.biradar
				106	Satyajeet D.chawan
				110	Milind P.Desai
				122	Aniket R.Madane
4	15	Study of Pervious concrete	Prof.S.P.Madnaik	118	KHALIPHA MUHAMMADZAID A
				127	MANE VRUSHALI MAHESH
				129	MIRZA FIJA ISMAIL
				130	MOMIN NAMIRA SHARIF
					Chaitanya Tandole
5	16	Experimental study of retrofitting and re-strengthening of Rcc structure	Prof.V.K.Wandre	42	Badrinath M.Donawade
				120	Chintamani A. Khangutkar
				121	Manthan C. Kothale
				125	Shashikant A. Mali
				128	Sourabh R. Medsinge
6	17	Fiber Reinforced Autoclaved Aerated Concrete (AAC) Block	Prof.S.V.Mane	19	Raju Gurappa Kengar
				[illegible]	Sushant Dattatray Tharbole
				117	Pranav Vijay Kale
				135	Rajesh Ningonda Patil
				146	Mayur Sanjay Waghmare
7	18	Manufacturing of Concrete block by using silica fumes	Prof.V.A.Patil	114	JAGADALE NITIN B.
				111	GADEKAR VINAYAK D.
				126	MANE POONAM S.
				133	NANGURE APARANA A.
				40	AJETRAO MAHADEV M.

Prof.V.K.Wandre
Project In Charge

Dr. J. S. Lambe
HOD Civil Engg

Dr. J. J. Magdum college of Engineering
Departmeent of Civil Engineering

Roll no	Name of student	Nameof seminar
1	ZORENGPUIA LIANTLUANG	bamboo as builsding material
2	CHOUDHARI JIBRALI BASHIR	Marble & quarry dust additives in concrete
3	MUJAWAR JUVERIYA RAFIK	self healing concrete
4	KAMBLE PRATHAMESH MOHAN	Real estate & urban infrastructure
5	BYELLE SOMANATH DEVENDRA	introduction to waste plastic making paving block
6	GAONKAR AARTI APPU	controlling function at supervisory level in organization
7	MANE SOURABH RAJU	
8	SALUNKHE VAIBHAV ANIL	
9	NIRMALE UTKARSH BALASAHEB	
10	AWALE ROHIT SANJAY	
11	KOTHAVALE TUSHAR SHASHIKANT	
12	SWAMI AMOL MILIND	
13	RAJPUT ABHIJEET VIJAYSING	
14	NAGARGOJE TANAJI SHRIKANT	
15	KADU RUKHSAR JAMIL	
16	PATHAN ANISHA SIKANDAR	
17	DABADE SWAPNIL BABURAO	
18	KOSHTI SOURABH sunilkumar	
19	KAMBLE SHUBHAM VIKAS	
20	JADHAV SANDEEP BHARAT	
21	VANMORE MAHANTESH SUNIL	
22	KAMBLE HARSHAD SHRIKANT	
23	KALE OMKAR SANJAY	
24	PATIL PRANIT RAVINDRA	flood level alert system
25	CHOUGULE SOURABH RAJGONDA	a study of types of columns
26	MANE OMKAR ASHOK	
27	KATE PANKAJ VIKAS	
28	CHAUDHARI NIKHIL SUNIL	
29	SHINDE ADESH SHRIMANT	next generation rail network
30	KINNINGE PRAJWAL RAGHOBA	Soil Salinity
31	KOLAP RAJRATNA MAWENDRA	
32	BHISE SANGRAM PANDIT	

33	DAYMA BHAGYASHRI RAMESH	energy efficient building
34	KARANDE MOHINI SHANKAR	
35	KARANDE KISHAN ARUN	
36	DHANAVADE PRAVIN PARASHURAM	
37	PATIL NARAYAN CHANDRAKANT	
38	SANKPAL SUMIT ASHOK	
39	POL MANSI SUDHAKAR	
40	CHOUGULE AKHILESH BHAUSO	
41	PATIL ANIKET ANANDRAO	
42	MOKALE SARVESH SATISH	
43	PAKHALI SAAD RAJMAHAMMAD	
44	CHAVAN SAURABH SHAMSUNDAR	
45	KULKARNI JEEVAN JAGDISH	
46	JAMADAR IJAJAHAMAD NASRUDDIN	
47	LAMBU VRUSHAB ANIL	
48	MANE SANKET SANJAY	
49	MOHITE VIKRAMSINH SHIVAJI	
101	BAGADI SOURABH ARUN	
102	PATIL DIGVIJAY KISHOR	
103	KAMBLE MEGHA MESAPPA	problems related to soil stabilization & solution using soil nailing technique
104	PATIL SOURABH SURESH	
105	PATIL DIGAMBAR SIDDHESHWAR	
106	KALE RAKESH TANAJI	
107	PATEL ZEESHAN JAMEEL	
108	PATIL ASHISH BALASAHEB	rotating bridge
109	WALAVEKAR YOGESH MOHANRAO	
110	KAMBLE TEJAS CHANDRAKANT	
111	DESAI URVISH RAHUL	
112	MAGDUM NIKHIL KUMAR	
113	UPADHYE ROHIT SHITAL	
114	PATIL PRANIT BALASAHEB	
115	MAHESH PRAKASH INGAVALE	
116	DURGADE RUTUJA VIVEK	
117	DURGADE MRUDULA RAVINDRA	
118	ERANDOLE OMKAR SANJAY	concept of 3D printing house
119	GADE VRUSHABH VISHNU	

120	DINDE RAVINDRA SURYAKANT	
121	KAMBLE RUPESH BHARAT	
122	PATIL PRASHANT UMESH	
123	PATIL AKASH GANESH	
124	PATIL POOJA SAMBHAJI	
125	MARVAL ATHARV BHARATLAL	
126	GURAV YASH JITENDRA	
127	NADAF IMRAN ASLAM	
128	PATIL SOURABH POPAT	
129	HARALE RUTURAJ ASHOK	
130	KHANDARE PRANIKET PRAKASH	
131	SHINDE VINAYAK BALASO	
132	MULE VISHAL VIJAY	
133	CHOUGULE AJINKYA RAJARAM	
134	NAGARBAVADI TOUHID HABIB	
135	GAWALKAR PRASAD SHIVAJI	
136	SHINDE MAKRAND MANSING	
137	LAD SUJATA MANOHAR	stucco material used for plastering
138	NANDAVADEKAR ABHIJEET APPAJI	
139	PATIL PRATHMESH SHIVAJI	
140	KAMBLE BHARAT RAMCHANDRA	
141	REVADE SAKSHI SAMBHAJI	
142	PATIL RUSHIKESH BABASO	
143	NAIK CHAITANYA BALASAHEB	
144	KAVATHEKAR PARTH VITTHAL	
145	PATIL SAKSHI SHIVAJI	
146	KANDALE PRAFULL BAJIRAO	
147	KADAM SANGRAM MAHADEV	
148	SAYYAD JAVED KAMRAN	
149	SUTAR YOGESH PRATAP	

Incharge
Prof D. A. Latthe

HOD
Dr. J. S. Lambe

DR. J. J. MAGADUM COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
JAYSINGPUR - 416 101

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

6.3.4 Number of Seminars/conferences/workshops attended by the faculty during the year

Sr. No.	Name of the participant	Title of the FDP / professional development / administrative training program	Dates
1	Dr.J.S.Lambe	Research Funding Scheme & writing Material	18th March 2023
		NBA Accredation& SAR Preparation for Polytechniques & engg colleges	27th March 2023
		Patent Drafting & Filling Process	17-Apr-23
		Obe Framework	29th April 2023
		OBE through student centric teaching-learning process	
2	Dr. D. B. Desai	Obe Framework	29th April 2023
		Obe Framework	29th April 2023
		Applications in civil engg	26 to 30 Dec 2022
		Patent Drafting & Filling Process	17-Apr-23
		Research Funding Scheme & writing Material	18th March 2023
3	Dr. R.S. Chougule	"Efficient Rainwater Harvesting"	24.11.2022

	Prof. A.P. Chougule	"Impressive Social Etiquette (Manners Matters)"	04.11.2022.
		"Efficient Rainwater Harvesting"	24.11.2022.
		"Research Ethics and Identifying Predatory and Cloned Journals in Publications"	25.11.2022.
		FDP on Advances in Concrete Technology	19 To 23rd Dec.2022
		Identifying Predatory and Cloned Journals in Publications	05.12.2022.
		Research Funding Scheme & writing Material	18th March2023
		National Education Policy 2020	29th March2023
		Obe Framework	29th April2023
		Lifestyle for environment	15&16 May 2023
		Re imaging Sciences in Wake of NEP 2020	29&30 April 2023
	Prof.S.S.Khot	Research Funding Scheme & writing Material	18th March2023
		National Education Policy 2020	29th March2023
		Obe Framework	29th April2023
		Application of Microsurfacing Technique for Optimizing Maintenance Cost of Rigid- springer natire conference ICSSMT	30-31 AUGUST 2023
6	Prof.D.A.Latthe	Research Funding Scheme & writing Material	18th March2023

DEPARTMENT OF CIVIL ENGINEERING

		National Education Policy 2020	29th March20[illegible]
7	Pr [illegible] Hane	Obe Framework	29th [illegible]
		Obe Framework	29th April20[illegible]
8	Prof.SP.Madnaik	Research Funding Scheme & writing Material	18th March2023
		National Education Policy 2020	29th March2023
		Obe Framework	29th April2023
		Application of Microsurfacing Technique for Optimizing Maintenance Cost of Rigid- springer natire conference ICSSMT	30-31 AUGUST 2023
9	Prof.V.K.Wandre	Research Funding Scheme & writing Material	18th March2023
		National Education Policy 2020	29th March2023
10	Prof.V.A.Patil	Obe Framework	29th April2023

Prof. Arati Chougule
FDC Coordinator(Civil)

DR. J. J. MAGDUM COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
JAYSINGPUR - 416 101

Dr. J. S. Lambe
HOD, Civil Engineering

This is to certify that [illegible]

has attended One Day Workshop on "Research Funding Schemes and Writing Proposals" Organised by Research and Development Cell [illegible]

18th March 2023.

Dr. D. B. Desai
Workshop Coordinator

Dr. Mrs. S. B. Patil
Principal

Dr. S. S. Admuthe
Campus Director

Made for free with Certify'em

NATIONAL INSTITUTE OF
TECHNICAL TEACHERS'
TRAINING AND RESEARCH
(NITTTR) KOLKATA
(Established by the
Ministry of Education
Government of India)

[illegible] 2022-23/[illegible]

Certificate of Participation

Dr. Jagdish Subhash Lambe

has completed One Week
Faculty Development Programme on
NBA Accreditation and SAR Preparation
for Polytechnics and Engineering Colleges
organised by this Institute
from 27th February to 03rd March, 2023 successfully

Programme Coordinator (s)

Dr. Urmila Kar
FIC, Academic Affairs

[illegible] Mishra

Certificate

OF APPRECIATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Dr. Jagdish S Lambe

from Dr. J J Magdum College of Engineering, Jaysingpur for successfully completing the five days National level FDP on ***Patent Drafting and Filing Procedures*** during 17-04-2023 to 21-04-2023, organised by ***Department of Electronics and Communication Engineering*** in association with ***IIC, CMRIT-Bengaluru.***

Dr. R. Elumalai
HOD Dept. of ECE, CMRIT

Dr. Sharmila K P
President, IIC, CMRIT

Dr. Meenakshi R Patil
NSIP Coordinator, CMRIT

Dr. Sanjay Jain
Principal, CMRIT

Dr. J. J. Magdum Trust's,

DR. J. J. MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR

Certification of Participation

This is to certify that

Dr.Jagdish Subhash Lambe

has attended One Day Workshop on **"OBE FRAMEWORK"** Organize by **INTERNAL QUALITY ASSURANCE CELL (IQAC)** of JJMCOE, Jaysingpur on 29th April 2023.

Mrs.P.P.Belagali
IQAC Coordinator

Dr.Mrs.S.B.Patil
I/C Principal

Dr.S.S.Admuthe
Campus Director

JSPM's

Bhivarabai Sawant Institute of Tech. & Research,Wagholi, Pune.

Accredited by NAAC ,Bengaluru.(Electrical, E & TC and IT accredited by NBA, New Delhi.)

CERTIFICATE OF PARTICIPATION

This certificate is presented to

Dr. Jagdish Lambe

of Dr.J. J.Magdum College of Engineering,Jaysingpur

has participated in One Week National Level Online Faculty Development Program On "Outcome Based Education through **Student Centric Teaching-Learning Process**" held from 22/05/2023 to 26/05/2023 Organized by **Department of Engineering Science , BSIOTR Wagholi,Pune in association with "IETE Pune Centre" & "IEEE Communication Society Pune Chair"**

Dr. J. J. Magdum College of Engineering
DEPARTMENT OF CIVIL ENGINEERING
JAYSINGPUR - 416 101.

Coordinator
Dr.Manjusha Patil

Coordinator
Mr.S.D.Bhourgunde

Convener
Dr.Swati Godse

Principal
Dr.T.K.Nagaraj

Dr. J. J. Magdum Trust's,

DR. J. J. MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR

Certificate of Participation

This is to certify that

DESAI DADASO BALKU

has attended One Day Workshop on **"OBE FRAMEWORK"** Organized by **INTERNAL QUALITY ASSURANCE CELL (IQAC)** of JJMCOE, Jaysingpur on 29th April 2023.

Mrs.P.P.Belagali
IQAC Coordinator

Dr.Mrs.S.B.Patil
I/C Principal

Dr.S.S.Admuthe
Campus Director

Shahajirao Patil Vikas Pratishthan's

S. B. Patil College of Engineering, Indapur

(An ISO 9001:2015 Certified & NAAC Accredited Institute)

Certificate

This is to certify that,

DADASO BALKU DESAI

has attended the One Week Student Faculty Development Program (SFDP) On "APPLICATION OF SOFTWARE'S IN CIVIL ENGINEERING" *Organised by* ***Department of Civil Engineering,*** *S. B. Patil College of Engineering (SBPCOE),* ***in association with IQAC & Civil Engineering Software Academy*** *(CESA) Pune Indapur* on **Dec 26th to 30th 2022**

DR. J. J. MAGDUM COLLEGE OF ENGINEERING

Burungale

Prof. A.A Burungale
Coordinator

Prof. V.S Bere
Coordinator

Prof. R.B Ghogare
HOD, Civil Engg Dept

Dr. S. T. Shirkande
Principal

Certificate Id: SFW7WE-CE000072

Made for free with Certify'em

Certificate

OF APPRECIATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Dr. Desai Dadaso Balku

om *Dr. J J Magdum College of Engineering, Jaysingpur* for successfully completing the five ays National level FDP on ***Patent Drafting and Filing Procedures*** during 17-04-2023 21-04-2023, organised by ***Department of Electronics and Communication ngineering*** in association with ***IIC, CMRIT-Bengaluru.***

Dr. Sharmila K P
resident IIC, CMRIT

Dr. Meenakshi R Patil
NSIP Coordinator

Dr. J. J. Magdum Trust's,

DR. J. J. MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR

Certification of Participation

This is to certify that

DESAI DADASO BALKU

has attended One Day Workshop on **"OBE FRAMEWORK"** Organized by **INTERNAL QUALITY ASSURANCE CELL (IQAC)** of JJMCOE, Jaysingpur on 29th April 2023.

Mrs.P.P.Belagali
IQAC Coordinator

Dr.Mrs.S.B.Patil
I/C Principal

Dr.S.S.Admuthe
Campus Director

Made for free with Canva

Jaypee University of Information Technology

Waknaghat, Solan-173234, Himachal Pradesh, India

Department of Civil Engineering

JUIT/CED/[illegible] [illegible]IGBC

CERTIFICATE OF PARTICIPATION

This is to certify that *Prof./Dr./Ms./Mr.* *RAVINDRA SHIVRAM CHOUGULE* [illegible] *UR* *J.J.MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR* has participated in Green [illegible] Experts on "Efficient Rainwater Harvesting" organized by Department of Civil Engineering JUIT Solan in collaboration with **Indian Green Building** Council, Chandigarh [illegible] on November [illegible], 2022.

DR. J. J. MAGDUM COLLEGE OF ENGINEERING
DEPARTMENT
OF
CIVIL ENGINEERING
JAYSINGPUR - 416 101

Dr. Tanmay [illegible]
Chairman, [illegible]
Chandigarh

DR. J.J. MAGDUM COLLEGE OF ENGINEERING
JAYSINGPUR
416101

INDIAN INSTITUTE OF MANAGEMENT AND COMMERCE ®

(UG & PG COLLEGE)
(Sponsored by VASAVI FOUNDATION) (Affiliated to OSMANIA UNIVERSITY)
INTERNAL QUALITY ASSURANCE CELL (IQAC)

Department of English

CERTIFICATE OF PARTICIPATION

This is to certify that PROF ARATI CHOUGULE of

IIMCOE

has participated in One Day National Online Faculty Development Programme on Impressive Social Etiquette (Manners Matters) held on 04.11.2022

	CRL Kalyan	
R.Raghavendra Rao, **Convenor**	**Head,** **Department of English**	**K.Raghuveer,** **Principal**

Jaypee University of Information Technology

Waknaghat, Solan-173234, Himachal Pradesh, India

Department of Civil Engineering

JUIT/CEDN/[illegible]

CERTIFICATE OF PARTICIPATION

This is to certify that *Prof./Dr./Ms./Mr. ARATI CHOUGULE* from *JJMCOE* has participated in Green Talk with Experts on "**Efficient Rainwater Harvesting**" organized by Department of Civil Engineering - JUIT Solan in **collaboration** with Indian Green Building Council Chandigarh Chapter on November 24, 2022.

DR. J. J. MAGDUM COLLEGE OF ENGINEERING
DEPARTMENT
OF
CIVIL ENGINEERING
JAYSINGPUR - 416 101

Dr. [illegible]
Chairman JUIT [illegible]
Chapter [illegible]

[illegible] Institute of Management and [illegible]
UG & PG College - Sponsored by VASAVI FOUNDATION   Affiliated to Osmania University
(ACCREDITED BY NAAC WITH "B++" GRADE)
6-1-91, Adj.Telephone Bhavan, Khairtabad, Hyd-500004
Internal Quality Assurance Cell IQAC

CERTIFICATE OF PARTICIPATION

his is to certify that **PROF ARATI CHOUGULE**, **ASSISTANT PROFESSO** [illegible] has participated in National Online Workshop on " Research Ethics ar dentifying Predatory and Cloned Journals in Publications" organized 5.11.2022.

esource Person: Prof(Dr) Sumit Narula, Deputy Director, Amity University.

K. Shailaja
Head,
Department of
Commerce

R.Raghavendra Rao,
Convenor

K.Raghuveer,
Principal

BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

AUTONOMOUS INSTITUTE UNDER VTU, BELAGAVI

DEPARTMENT OF CIVIL ENGINEERING

in Association with

IQAC Cell, BITM, Ballari

Certificate

This is to certify that

Arati chougule

JJMCOE

has participated in the Online Five Days Faculty Development Program on

"Advancements in Concrete Technology (AICT 2022)"

held from 19th to 23rd December 2022.

Coordinators
Dr. D. [illegible] Asst. Professor
Mr. Md. [illegible] Asst. Professor
Mr. [illegible] Asst. Professor
Mr. [illegible] Asst. Professor
Mr. [illegible] Asst. Professor

Dr. T.H. Patel
HOD – Dept. of Civil Engg

[illegible] Basavaraj
Principal

Made for free with Certify'em

[illegible] Institute of Engineering and [illegible]
[illegible] Sponsored by VASAVI FOUNDATION Affiliated to Osmania [illegible]
(ACCREDITED BY NAAC WITH "B" GRADE)
6-1-91,Adj.Telephone Bhavan, Khairtabad,Hyd-500004
Internal Quality Assurance Cell IQAC

CERTIFICATE OF PARTICIPATION

his is to certify that **PROF ARATI CHOUGULE**, ASSISTANT PROFESSOR of [illegible] has participated in National Online Workshop on " Research Ethics and dentifying Predatory and Cloned Journals in Publications" organized on 5.11.202

esource Person: Prof(Dr) Sumit Narula, Deputy Director, Amity University

R. Raghavendra Rao,
Convenor

K. Shailaja
Head,
Department of
Commerce

K Raghuveer,
Principal

Dr. J. J. Magdum

DR. J. J. MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR

Your Dream, Our Mission

[illegible]

This is to Certify that Dr/Prof/Mr/ Ms/Mrs Arati Chougule has attended One Day Workshop on "**Research** Funding Scheme and Writing Proposals" Organised by Research and Development Cell held on March 2023.

Dr. D. B. Desai
Workshop Coordinator

Dr. Mrs. S. B. Patil
Principal

Dr. S. S. [illegible]
[illegible]

Dr. J. J. Magdum Trust's

DR. J. J. MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR

(NAAC 'A' Grade & ISO 21001:2016 Certified Institute)

www.jjmcoe.ac.in

DEPARTMENT OF CIVIL ENGINEERING

In Collaboration with

COEP TECHNOLOGICAL UNIVERSITY, PUNE

Certificate

This is to certify that, Mr./Ms./Mrs. Arati Pradip Chougule of JJMCOE has attended National Level One Day workshop on **"National Education Policy-2020 (NEP-2020)"** on **Wednesday, 29th March, 2023** at Dr. J. J. Magdum College of Engineering, Jaysingpur.

Dr. J. S. Lambe
HoD and Coordinator

Dr. Mrs. S. B. Patil
Principal I/C

Dr. S. S. Admuthe
Campus Director

DR. J. J. MAGDUM COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
JAYSINGPUR

Dr. J. J. Magdum Trust's,

DR. J. J. MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR

[illegible]

This is to certify that

Prof. Arati Chougule

has attended One Day Workshop on "OBE FRAMEWORK" Organized by **INTERNAL QUALITY ASSURANCE CELL (IQAC)** of JJMCOE, Jaysingpur on 29th April 2023.

Mrs.P.P.Belagali
IQAC Coordinator

Dr.Mrs.S.B.Patil
I/C Principal

Dr.S.S.Admuthe
Campus Director

K. D. K.

[illegible]

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in association with
Rashtrasant Tukadoji Maharaj Nagpur University

This certificate is proudly presented to

Arati Chougule,

Faculty of JJMCOE .

has participated in Awareness program on

"Life Style for Environment"

Resource Persons

Dr. Srikant A.,
Ex-Professor, IIT Kharagpur
& District Coordinator,
Heartfulness Education Trust, Nagpur

Dr. K. V. George,
Chief Scientist Head,
Air Pollution Control Division,
CSIR-NEERI, Nagpur

on dated 15th & 16th May 2023

Dr. Valsson Varghese
Professor & Head,
Department of Civil Engineering

Dr. A. M. Badar
Vice-Principal
KDKCE

Dr. C. C. Handa
Principal,
KDKCE

Dr. J. J. Magdum College of Engineering
Department of Civil Engineering

Bhiwapur Mahavidyalaya, Bhiwapur
K.D.K. College of Engineering, Nagpur
Jeevan Vikas Mahavidyalaya, Devgram
Saibaba Arts and Science College, Parseoni

CERTIFICATE

This is to certify that *Arati Chougule* of *JJMCOE* has participated in Two Day Interdisciplinary International Conference on **"Re-imagining Sciences in the Wake of NEP 2020: Research Dissemination and Skill Development (IICRSN)** organized by the collaborating institutes on 29th and 30th April, 2023.

Dr. [illegible] George
Principal
Bhiwapur
Mahavidyalaya, Bhiwapur

Dr. D. P. Singh
Principal
K.D.K. College of
Engineering, Nagpur

Dr. Devendra Bhongade
Principal
Jeevan Vikas
Mahavidyalaya, Devgram

Dr. August [illegible]
Principal
Saibaba Arts and Science
College, Parseoni

MAGDUM COLLEGE OF ENGINEERING

Dr. J. J. Magdum

DR. J. J. MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR

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NAAC 'A' grade accredited Institute

Certificate

This is to Certify that Dr/Prof/Mr/ Ms/Mrs Ms. Shruti Sudip Khot has attended One Day Workshop on **"Research Funding Scheme and Writing Proposals"** Organised by Research and Development Cell held on 18th March 2023.

Dr. D. B. Desai
Workshop Coordinator

Dr. Mrs. S. B. Patil
Principal

Dr. S. S. Admuthe
Campus Director

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Dr. J. J. Magdum Trust's,

DR. J. J. MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR

Certification of Participation

This is to certify that

Prof. Ms Shruti Sudip Khot

has attended One Day Workshop on "**OBE FRAMEWORK**" Organized by **INTERNAL QUALITY ASSURANCE CELL (IQAC)** of JJMCOE, Jaysingpur on 29th April 2023.

Mrs.P [illegible].Belagali
IQAC Coordinator

Dr.Mrs.S.B.Patil
I/C Principal

Dr.S.S.Admuthe
Campus Director

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Dr. J. J. Magdum Trust's

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COEP TECHNOLOGICAL UNIVERSITY, PUNE

Certificate

This is to certify that, Mr./Ms./Mrs. Shruti S. Khot of JJMCOE, Jaysingpur has attended National Level One Day workshop on **"National Education Policy-2020 (NEP-2020)"** on **Wednesday, 29th March, 2023** at Dr. J. J. Magdum College of Engineering, Jaysingpur.

Dr. J. S. Lambe	Dr. Mrs. S. B. Patil	Dr. S. S. Admuthe
HoD and Coordinator	Principal I/C	Campus Director

ICSSMT Springer CARE COLLEGE OF ENGINEERING

Certificate of Presentation

This is to certify that

Shruti S Khot

have successfully presented the paper entitled

Application of Microsurfacing Technique for Optimizing Maintenance Cost of Rigid Pavements in India

at 2nd International Conference on Smart Sustainable Materials and Technologies (ICSSMT 2023)
organized by CARE College of Engineering, Tiruchirappalli (Trichy), Tamil Nadu, India
30-31, August 2023

Session Chair

Organizing Secretary
Dr. A. Pasumpon Pandian

S. Shanthi
Principal
Dr. S. Shanthi

Dr. J. J. Magdum

DR. J. J. MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR

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NAAC 'A' grade accredited Institute

Certificate

This is to Certify that Dr/Prof/Mr/ Ms/Mrs Dhanashree Ashish La

has attended One Day Workshop on **"Research Funding Scheme and Writing Proposals"** Organised by Research and Development Cell held on

18th March 2023.

Dr. D. B. Desai
Workshop Coordinator

Dr. Mrs. S. B. Patil
Principal

Dr. S. S. Admuthe
Campus Director

Made for free with Certify'em

Dr. J. J. Magdum Trust's,

DR. J. J. MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR

Certification of Participation

This is to certify that

Prof Dhanashree Ashish Latthe

has attended One Day Workshop on **"OBE FRAMEWORK"** Organized by **INTERNAL QUALITY ASSURANCE CELL (IQAC)** of JJMCOE, Jaysingpur on 29th April 2023.

Mrs.P.P.Belagali
IQAC Coordinator

Dr.Mrs.S.B.Patil
I/C Principal

Dr.S.S.Admuthe
Campus Director

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COEP TECHNOLOGICAL UNIVERSITY, PUNE

Certificate

This is to certify that, Mr./Ms./Mrs. Prof. D A Latthe of JJMCOE, Jaysingpur has attended National Level One Day workshop on "National Education Policy-2020 (NEP-2020)" on Wednesday, 29th March, 2023 at Dr. J. J. Magdum College of Engineering, Jaysingpur.

Dr. J. S. Lambe	**Dr. Mrs. S. B. Patil**	**Dr. S. S. Admuthe**
HoD and Coordinator	Principal I/C	Campus Director

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This is to certify that, Mr./Ms./Mrs. V. K. Wandre of JJMCOE, Jaysingpur has attended National Level One Day workshop on **"National Education Policy-2020 (NEP-2020)"** on **Wednesday, 29th March, 2023** at Dr. J. J. Magdum College of Engineering, Jaysingpur.

Dr. J. S. Lambe	**Dr. Mrs. S. B. Patil**	**Dr. S. S. Admuthe**
HoD and Coordinator	Principal I/C	Campus Director

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Certificate

This is to Certify that Dr/Prof/Mr/ Ms/Mrs Vijay Kallappa Wandre has attended One Day Workshop on **"Research Funding Scheme and Writing Proposals"** Organised by Research and Development Cell held on

18th March 2023.

Dr. D. B. Desai
Workshop Coordinator

Dr. Mrs. S. B. Patil
Principal

Dr. S. S. Admuthe
Campus Director

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DR. J. J. MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR

Certification of Participation

This is to certify that

Prof Shridhar Vilas Mane

has attended One Day Workshop on **"OBE FRAMEWORK"** Organized by **INTERNAL QUALITY ASSURANCE CELL (IQAC)** of JJMCOE, Jaysingpur on 29th April 2023.

Mrs.P.P.Belagali
IQAC Coordinator

Dr.Mrs.S.B.Patil
I/C Principal

Dr.S.S.Admuthe
Campus Director

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This is to Certify that Dr/Prof/Mr/ Ms/Mrs Sneha Pankaj Madnaik has attended One Day Workshop on **"Research Funding Scheme and Writing Proposals"** Organised by Research and Development Cell held on

18th March 2023.

Dr. D. B. Desai
Workshop Coordinator

Dr. Mrs. S. B. Patil
Principal

Dr. S. S. Admuthe
Campus Director

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Dr. J. J. Magdum Trust's,

DR. J. J. MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR

Certification of Participation

This is to certify that

Sneha Pankaj Madnaik

has attended One Day Workshop on **"OBE FRAMEWORK"** Organized by **INTERNAL QUALITY ASSURANCE CELL (IQAC)** of JJMCOE, Jaysingpur on 29th April 2023.

Mrs.P.P.Belagali
IQAC Coordinator

Dr.Mrs.S.B.Patil
I/C Principal

Dr.S.S.Admuthe
Campus Director

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Dr. J. J. Magdum Trust's

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JJMCOE

DEPARTMENT OF CIVIL ENGINEERING

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COEP TECHNOLOGICAL UNIVERSITY, PUNE

Certificate

This is to certify that, ~~Mr.~~/~~Ms.~~/Mrs. Prof. Sneha Pankaj Madnaik of Dr. JJMCOE, Jaysingpur. has attended National Level One Day workshop on **"National Education Policy-2020 (NEP-2020)"** on **Wednesday, 29th March, 2023** at Dr. J. J. Magdum College of Engineering, Jaysingpur.

Patil

Dr. J. S. Lambe
HoD and Coordinator

Dr. Mrs. S. B. Patil
Principal I/C

Dr. S. S. Admuthe
Campus Director

ICSSMT Springer CARE COLLEGE OF ENGINEERING

Certificate of Presentation

This is to certify that

Sneha P Madnaik

have successfully presented the paper entitled

Application of Microsurfacing Technique for Optimizing Maintenance Cost of Rigid Pavements in India

at 2nd International Conference on Smart Sustainable Materials and Technologies (ICSSMT 2023)
organized by CARE College of Engineering, Tiruchirappalli (Trichy), Tamil Nadu, India
30-31, August 2023

Session Chair

Organizing Secretary
Dr. A. Pasumpon Pandian

S. Shanthi
Principal
Dr. S. Shanthi

Dr. J. J. Magdum Trust's,

DR. J. J. MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR

Certification of Participation

This is to certify that

Prof. V A Patil

has attended One Day Workshop on **"OBE FRAMEWORK"** Organized by **INTERNAL QUALITY ASSURANCE CELL** (IQAC) of JJMCOE, Jaysingpur on 29th April 2023.

Mrs.P.P.Belagali
IQAC Coordinator

Dr.Mrs.S.B.Patil
I/C Principal

Dr.S.S.Admuthe
Campus Director

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This is to Certify that Dr/Prof/Mr/ Ms/Mrs Virgonda. A. Patil has attended One Day Workshop on **"Research Funding Scheme and Writing Proposals"** Organised by Research and Development Cell held on 18th March 2023.

Dr. D. B. Desai
Workshop Coordinator

Dr. Mrs. S. B. Patil
Principal

Dr. S. S. Admuthe
Campus Director

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Dr. J. J. Magdum Trust's

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Certificate

This is to certify that, Mr./Ms./Mrs. V. A. Patil of JJMCOE, Jaysingpur has attended National Level One Day workshop on **"National Education Policy-2020 (NEP-2020)"** on **Wednesday, 29th March, 2023** at Dr. J. J. Magdum College of Engineering, Jaysingpur.

Dr. J. S. Lambe
HoD and Coordinator

Dr. Mrs. S. B. Patil
Principal I/C

Dr. S. S. Admuthe
Campus Director

Dr. J. J. Magdum College of Engineering ,Jaysingpur

Department of Civil Engineering

Expert lecture organized (2022-23)

Sr. No	Resource person	Topic	Date	mode	Class
1	Prof.Mahendra Umare (KDK College of Engg.Nashik)	Dock & Harbour Engg	1 April 2023, at 11.30 PM.	Online mode through google meet	B.Tech
2	Mr.Anjaneya Puli (Mumbai)	Softwares in Civil Engineering	18 May 2023	Offline mode	SY, TY & B.Tech

Arati

Prof. Arati Chougule
Coordinator(Civil)

Dr. J. S. Lambe
HOD, Civil Engineering

Dr. J. J. Magdum Trust's
Dr. J. J. Magdum College of Engineering, Jaysingpur
Department of Civil Engineering

Ref.No.-JJMCOE/CIVIL /2022-23 Date : 29/03/2023

To,

Prof. Mahendra Umare
KDK College of Engineering,
Nagpur.

Sub: - **Invitation for Expert Lecture**

Dear Sir,

We are pleased to invite you for **Expert lecture** on the topic **"Dock & Harbor"** for final year B. Tech students through Google meet (Online mode).

It is scheduled on **1 April 2023, at 11.30 PM**. So we request you to accept our invitation and acknowledging the same & oblige.

Thanking you.

Yours faithfully,

Prof. A.P. Chougule
Subject Incharge

Dr. J. S. Lambe
HOD, Civil Engineering

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Ref.No.-JJMCOE/CIVIL /2022-23 Date: 01/04/2023

To,
Prof. Mahendra Umare
KDK College of Engineering,
Nagpur

Subject: - **Thanking Letter**

Dear Sir,

We express our sincere gratitude for delivering the expert lecture on topic "**Dock & Harbor**" for B. Tech students dated on **1st April, 2023.**

We hope to receive similar cooperation in future also.

Thanking you,

Yours faithfully,

Prof. Arati Chougule
Subject Incharge

Dr. J. S. Lambe
HOD, Civil Engineering

DR. J. J. MAGDUM TRUST'S
r.J.J.Magdum College of Engineering,
Jaysingpur
Department of Civil Engineering

Ref.No.-JJMCOE/CIVIL /2022-23 Date: 18/05/2023

Letter of Appreciation

To,
r. Anjaneya Puli
CADD Trainer,
ACADD Centre,
Thane West -400601.

Dear Sir,

I take the privilege to express my sincere thanks and appreciation for sparing your valuable time for chairing the expert session on **Software's in Civil Engineering** on 18th May 2023. Your suggestions and guidance enriched the students with your positive thoughts, knowledge and experience during the expert session on **Software's in Civil Engineering** from 18th May 2023 at JJMCOE premise.

Your cooperation will be solicited in our future endeavour.

ith warm regards,

18/5/2023

Prof. Arati Chougule **Dr. J. S. Lambe**

In charge **HoD Civil**

Dr. J. J. MAGADUM COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
JAYSINGPUR - 416 101

Dr. J. J. Magdum College of Engineering, Jaysingpur.
Approved by A.I.C.T.E, New Delhi Recognized by Govt. of Maharashtra (D.T.E.) Affiliated to SHIVAJI UNIVERSITY, Kolhapur.
NAAC 'A' Grade Institution & ISO 21001:2018 Certified
Gat No. 289 (314/339), Shirol-Wadi Road, (Agarbhag), JAYSINGPUR - 416 101.
Tal. Shirol, Dist. Kolhapur (M.S.) Tel. No. (02322) 221123
Email : campusdirector@jjmcoe.ac.in / principal@jjmcoe.ac.in / registrar@jjmcoe.ac.in Website : www.jjmcoe.ac.in

DR. J. J. MAGDUM TRUST'S
Dr.J.J.Magdum College of Engineering,
Jaysingpur

Department of Civil Engineering

Ref.No.-JJMCOE/CIVIL /2022-23

Date : 17/05/2023

Letter of Invitation

To,
Mr. Anjaneya Puli
CADD Trainer,
ACADD Centre,
Thane West - 400601.

Dear Sir,

We are organizing an Expert Session on **Softwares in Civil Engineering** for Second, Third & Final year B. Tech students on 18th May 2023 at Dr. J. J. Magdum College of Engineering, Jaysingpur, India under Augmentation cell in offline mode.

We take this opportunity to invite you to chair a session on 18th & 19th of May 2023. We will be obliged to receive your consent for the same.

With warm regards,

17/05/2023

Yours faithfully

Prof. A.P. Chougule
Incharge

Dr. J. S. Lambe
HOD, Civil

DR. J. J. MAGADUM COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
JAYSINGPUR

Dr. J. J. Magdum College of Engineering, Jaysingpur.
Approved by A.I.C.T.E, New Delhi Recognized by Govt. of Maharashtra (D.T.E.) Affiliated to SHIVAJI UNIVERSITY, Kolhapur.
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Gat No. 289 (314/330), Shirol-Wadi Road, (Agarbhag), JAYSINGPUR - 416 101.
Tal. Shirol, Dist. Kolhapur (M.S.) Tel. No. (02322) 221123
Email : campusdirector@jjmcoe.ac.in / principal@jjmcoe.ac.in / registrar@jjmcoe.ac.in Website : www.jjmcoe.ac.in

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

VAC Attendance Sheet (Sem – II A.Y. 2022-23)

Name of the Course Softwares in Civil Engineering

Class S.Y. / T.Y. / B Tech.

Roll No.	Name of Student	Class	Sign
03	Juveriya R. Mujawar	TY civil	Rmujawar
127	Namira S Momin.	B.tech civil	Nmomin
13	karuna . Jagtap	B. Tech civil	Karuna
09	Pranjali P. Jadhav.	B. Tech civil	Pranjali.
056	Ashwini S Mali	SY Civil	Mali
124	vrushali. M. Mane	B. Tech civil	Vmane
35	Bhagyashri R. Shinde	B Tech civil	
139	Sakshi Shivaji Patil	TY civil	SPatil
44	Godase Tejashri Adhik	SY civil	Godase
45	Kamble Swati Ashok	SY Civil	Skamble
02.	Biradar Sangeeta	B.Tech civil	sangeeta.
31	Patole Komal Subhash	B.Tech civil	Kpatole
03	Chachawale sneha R.	B. Tech civi	
108	Desai Milind P.	B Tech civil	
102	Awale Mayur. B.	B.Tech civil	
116	Muhammadzaid.A.Khalipha	B- Tech civil	Khalipha
09	Ayesha salvi	SY civil	ASalvi
3	Sabiya R.Daryawardi	SY Civil	Sabiya
32	Divyani . Chavan	S.Y. Civil	Divyani
13	Shruti . Joshi	S.Y. Civil	Sjoshi
110	Yogesh . R. Hirekar	B.Tech Civil	
48	Yomesh shah	— // —	
107	Sujit S. Kamble	— // —	
104	Biradar Vishnu D	B. Tech	Vishnu.
134	Rao Prakash R	B. tech	
[illegible]	Shivrang M. Suryavanshi	B. Tech	Shivrang

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

VAC Attendance Sheet (Sem – II A.Y. 2022-23)

Name of the Course

Class

122	Shashikant A. Mali	B-Tech Civil	
41	Ijajahamad N. Jamadar	T-Y.	
117	chintamani A. Khongetkar	B-Tech Civil	
21	Pranit R. Patil	T.Y. civil	
47	Samarth S. Kamble	B-Tech civil	
43	Ajinkyaraj P. Raut	B.Tech Civil	
06	Pradnyesh D. Dhopawar	B Tech civil	
05	Asad N. Desai	B-Tech civil	
25	Vinayak K. Lokare	B. Tech Civil	Lokare.
29	Abdulhanan I. Patel	B. Tech Civil	
23	Virabhadra S. Koshti	B tech civil	
30	patil Dhiraj Tanaji	B. Tech civil	
01	Zorengpuia Liantluang	TY CIVIL	
24	Joe krosspathai	B. Tech civil	
139	Suraj P. Tadse	B. Tech civil	Tadse
17	Netradeep M. Kamble	B. Tech Civil	
38	Girish sanjay Bhale	B. tech civil	
101	Rohit R Amanna	B tech civil	
22	Afsar Akhtar khatik	B Tech civil	
34	Nishant. Prafull Sankpal	B-Tech civil	Nishant
131	Rajesh N Patil	B. Tech civil	
08	vaibhav A salunke	TY civil	
37	prafull sawade	B. Tech civil	
27	Prathmesh D Bhise	S.Y civil	
01	Prathamesh D Jagde	S.Y civil	
23	vishwambhar shejal	S.Y civil	
66	Abhinandan B. Patil	S.Y. Civil	

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

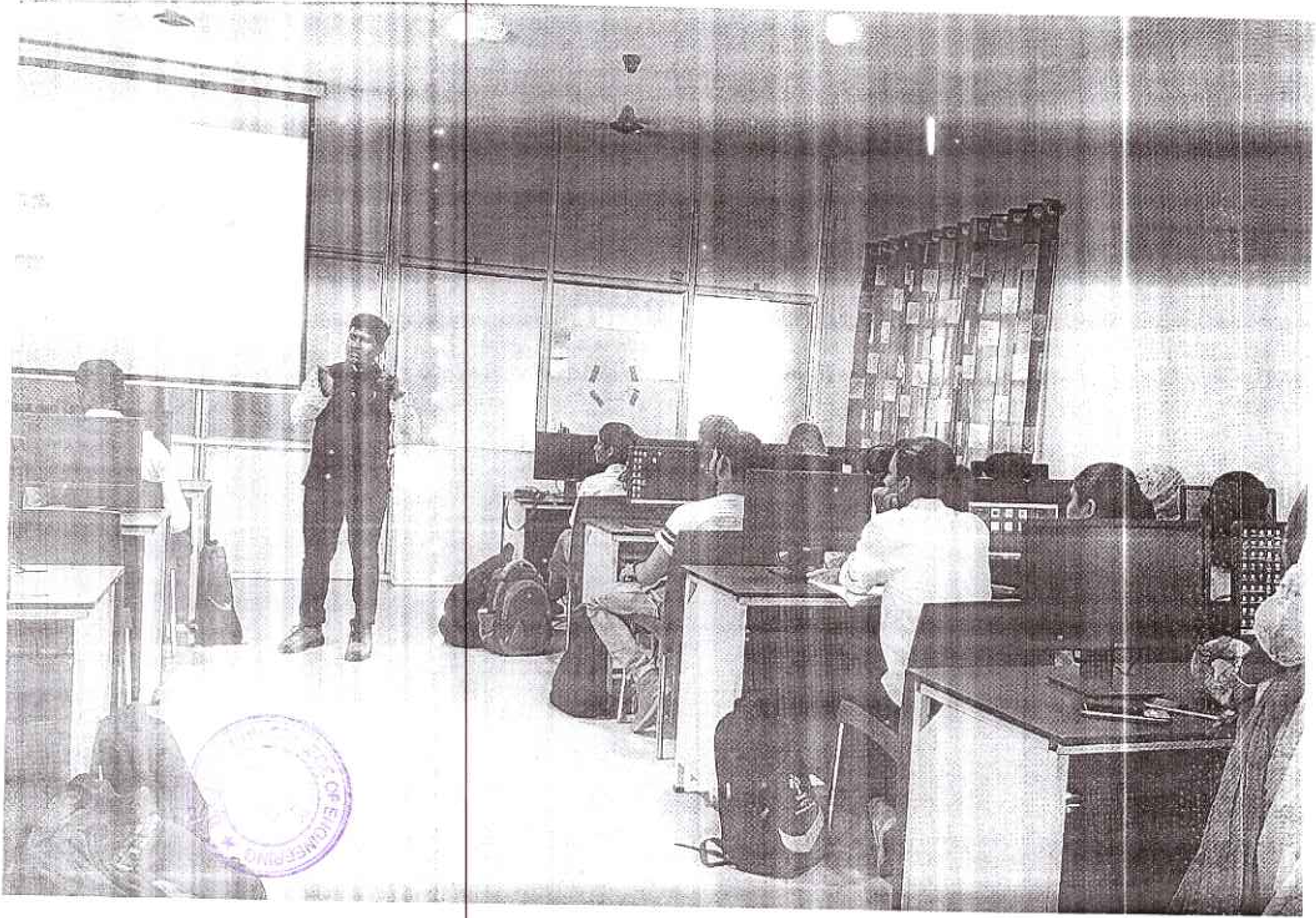
Department of Civil Engineering

VAC Attendance Sheet (Sem – II A.Y. 2022-23)

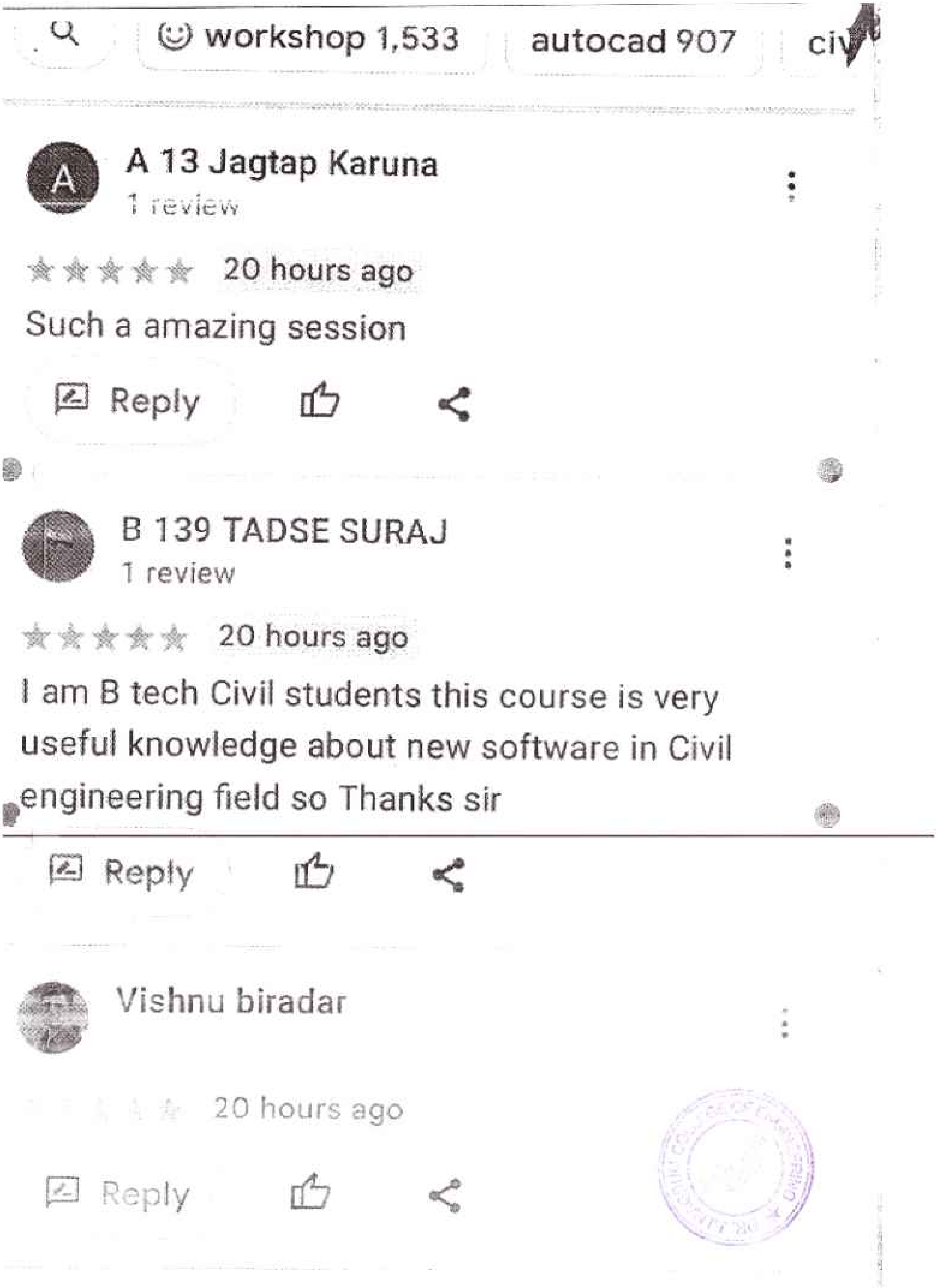
Name of the Course

Class

Roll No.	Name of Student					
~~26~~	~~Abhi~~					
11	Ritesh Gonmukh	SY(Civil)	Gonmukh			
38	Saad. R. Pakhali	TY Civil	Pakhali			
26	shinde Adesh shrimant	TY civil				
18	Dnyaneshwar kamble	SY Civil	D.R.Kamble			
52	Jafar Merchant	SY Civil				
59	Tabrez Mainur	SY civil				
55	Sajid Mulani	B.Tech				
56	Pranav Jadhav	SY civil				
04	Prathamesh kamble	TY civil				
22	Saurabh Chougule	TY Civil				
130	Prathmesh P. Patil	B Tech	Patil			
140	chaitnya S. Tandale	B.Tech	Tandale			
04	Desai Aditya Dadaso	B Tech				



OF ENGINEERING


workshop 1,533
autocad 907
civ

A 13 Jagtap Karuna
1 review

★★★★★ 20 hours ago

Such a amazing session

Reply

B 139 TADSE SURAJ
1 review

★★★★★ 20 hours ago

I am B tech Civil students this course is very useful knowledge about new software in Civil engineering field so Thanks sir

Reply

Vishnu biradar

★★★★★ 20 hours ago

Reply

Dr.J.J.Magdum College of Engineering Jaysingpur

Department Of Civil Engineering

Summary of departmental activities 2022-23

Sr No	Type of activity	No of Activities
01	CESA Activity Summery 2022-23	10
02	Guest Lectures 2022-23	12
03	Co-curricular Activities 2022-23	04
04	Lectures for Competitive examination Preparation 2022-23	03
05	Guest Lectures by Academician 2022-23	04
06	Lectures by Industrial experts 2022-23 (Odd Semester)	05

Prof. K.G. Ghodake
Academic Co-ordinator

Dr.J.S.Lambe
Head of the Department

Dr.J.J.Magdum College of Engineering Jaysingpur

Department Of Civil Engineering

Guest Lectures 2022-23

Sr No	Activity	Date Of Execution
01	Guest Lecture- Importance of software's in Engineering	12/10/2022
02	Guest Lecture- Career Guidance by Prof Vishnu Desai	18/10/2022
03	Guest lecture- Future of GIS in academia	16/11/2022
04	Guest lecture- GIS & importance in Civil Engineering	06/12/2022
05	Welcome function for DSE students Guest Lecture- Career Guidance	20/12/2022
06	Guest Lecture by Dr A R Thorvat Fluid mechanics- I on Laminar and turbulent flow	01/01/2023
07	Expert lecture on Tunnel engineering byProf. A B Khemlaopure	21/12/2022
08	Career opportunities in engineering" by Swapnilwaghmode	13/3/2023
09	IEI Inauguration and expert lecture	14/3/2023
10	Career opportunities in Engineering" By ArjunChhabra(ACE Pune)	24/3/2023
11	How to write research or conference paper by Dr R Sugumar	1/5/2023
12	Guest Lecture by Dr A R Thorvat Fluid mechanics- II on Impact of Jet	22/5/2023

Prof .V. A. Patil
CESA Co-ordinator

DEPARTMENT OF CIVIL ENGINEERING

Dr.J.S.Lambe
Head of the Department

Dr.J.J.Magdum College of Engineering Jaysingpur

Department Of Civil Engineering

Guest Lectures by Academician 2022-23

Sr No	Activity	Date Of Execution
1	Guest Lecture by Dr A R Thorvat Fluid mechanics- I on Laminar and turbulent flow	01/01/2023
2	Expert lecture on Tunnel engineering byProf . A B Khemlaopure	21/12/2022
3	Guest Lecture by Dr A R Thorvat Fluid mechanics- II on Impact of Jet	22/5/2023
4	How to write research or conference paper by Dr R Sugumar	1/5/2023

Prof. K.G. Ghodake

Academic Co-ordinator

DEPARTMENT OF CIVIL ENGINEERING

Dr.J.S.Lambe

Head of the Department

Dr.J.J.Magdum College of Engineering Jaysingpur

Department Of Civil Engineering

Lectures by Industrial experts 2022-23

Sr No	Activity	Date Of Execution
01	Guest Lecture- Importance of software's in Engineering	12/10/2022
02	Guest Lecture- Career Guidance by Prof Vishnu Desai	18/10/2022
03	Guest lecture- Future of GIS in academia	16/11/2022
04	Guest lecture- GIS & importance in Civil Engineering	06/12/2022
05	Welcome function for DSE students Guest Lecture- Career Guidance By Er. Neha Desai	20/12/2022

Prof. K.G. Ghodake

Academic Co-ordinator

Dr.J.S.Lambe

Head of the Department

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

INVITATION

Date- 15/05/2023

To,

Dr A R Thorvat

HoD Civil and Environmental Engineering

KIT's COE Kolhapur

Respected Sir,

It gives us immense pleasure in inviting you for **'Expert Lecture- impact of jet'** which is actively engaged in exposing Engineering Department of our college in co-curricular and extracurricular activities.

Expert lecture under your guidance will be an impulsive force for us. Hence we request you to please accept the invitation and oblige.

The Schedule of Function is as follows –

Date : 22 May, 2023. Day: Monday

Venue : Dr. J. J. Magdum College of Engineering

Jaysingpur. 416-101

Time : 9.40 a.m

Thanking you.

Yours faithfully,

Dr. J. J. MAGADUM COLLEGE OF ENGINEERING
DEPARTMENT
OF
CIVIL ENGINEERING
JAYSINGPUR - 416 101.

Prof. V A Patil
CESA & IEI Faculty Coordinator

Prof. Dr.J.S.Lambe
Head of Civil Engineering Dept,

Received,
22/05/2023

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Thanking letter

Date- 22/05/2023

To,

Dr A R Thorvat
HoD Civil and Environmental Engineering
KIT's COE Kolhapur

Subject: - Thanks giving Letter

Dear Sir,

We express our sincere gratitude for coaching on **Expert Lecture- Impact of jet** on **22nd May, 2023** to all our students.

We hope to receive similar co-operation in future also.

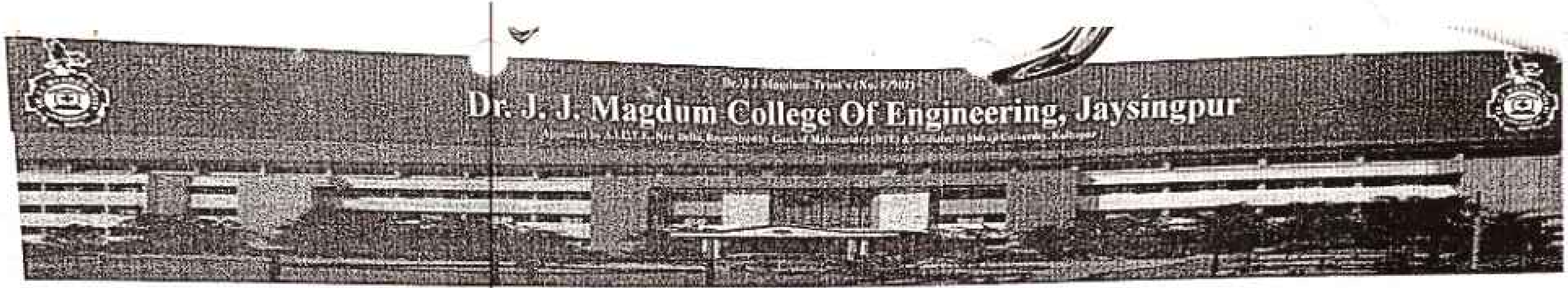
Thanking you

Yours faithfully

Prof. V A Patil
CESA & IEI Faculty coordinator

Dr. J. S. Lambe
H.O.D, Civil Engg, Dept.

Received
22/05/2023



Dr. J. J. Magdum College Of Engineering, Jaysingpur

Department of Civil Engineering

Organizing Expert Lecture on
“IMPACT OF JET”

Monday , 22TH MAY 2023
Timing:- 10.30 Am onwards

For
Second year Civil Engineering Students

By
Dr A R Thorvat
HoD Civil and Environmental Engineering
KIT’s COE Kolhapur

Prof. V.A.Patil
CESA/ IEI Faculty Coordinator

Dr.J.S.Lambe
Head of Civil Dept.

Dr. Mrs.S.B.Patil
I/c Principal

Dr. Sunil Admuthe
Campus Director

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Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

3.2.1 Number of papers published per teacher in the Journals notified on UGC website during the year

Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
A review on enhancing terms of social housing in construction industry	Dr.D.B. Desai	IJSREM	2022	ISSN 2582:3930	https://ijsrem.com/download/effective-use-of-human-resource-development-for-improving-productivity-in-construction-industry-a-review/
Effective use of human resource development for improving productivity	Dr. D. B. Desai	IJSREM	2022	ISSN 2582:3930	https://ijsrem.com/download/effective-use-of-human-resource-development-for-improving-productivity-in-construction-industry-a-review/
A review of critical success factors in construction industry	Dr. D. B. Desai	IJCS	2022	ISSN 2250:1770	https://www.ijcspub.org/papers/IJCSP22C1158.pdf
Use of Agricultural material for effective industrial noise reduction in textile industries	Dr. D. B. Desai	IJIRE	2022	ISSN 2582:8746	http://ijarse.com/images/fullpdf/1474358966_598ijarse.pdf
Groundwater potential & recharge zones mapping using remote sensing & GIS for Kadegaon Taluka,Maharashtra,India	Dr. D. B. Desai	IJCEAE	2022	P-ISSN: 2707-8361	https://www.civilengineeringjournals.com/ijceae/article/19/3-1-9-470.pdf

DEPARTMENT OF CIVIL ENGINEERING

Critical success factors in construction project	Dr. D. B. Desai	IJCS	2022	ISSN: 2250-1770	https://www.ijcspub.org/papers/IJCSP22C1158.pdf
Developing skills for successful leader	Dr. D. B. Desai	IJSREM	2022	ISSN 2582:3930	https://ijsrem.com/download/effective-use-of-human-resource-development-for-improving-productivity-in-construction-industry-a-review/
Labour productivity : A survey	Dr. D. B. Desai	IJEAST	2022	ISSN 2455-2143	https://www.ijeast.com/papers/170-171,%20Tesma0702,IJEAST,%2017034.pdf
Slip formwork	Dr. D. B. Desai	IJEAST	2022	ISSN 2455-2143	https://www.ijeast.com/papers/158-160,%20Tesma0702,IJEAST,%2017004.pdf
Recycling of sewage water for apartment	Dr. D. B. Desai	IJEAST	2022	ISSN 2455-2143	https://www.ijeast.com/papers/154-157,%20Tesma0702,IJEAST,%2016999.pdf
Construction site inspection by using drone or UAV	Dr. D. B. Desai	IJEAST	2023	ISSN 2455-2143	file:///C:/Users/Administrator/Desktop/101-103,%20Tesma0711,IJEAST.pdf
Groundwater potential & recharge zones mapping using remote sensing & GIS for Kadegaon Taluka,Maharashtra,India	Dr.J.S.Lambe	IJCEAE	2022	P-ISSN: 2707-8361	https://www.civilengineeringjournals.com/ijceae/article/19/3-1-9-470.pdf
SOIL STABILIZATION BY USING HIGHLY VULCANIZED RUBBER SHEET:	Dr.J.S.Lambe	WCSEM	2023	(ISBN : 978-93- 95470 -	https://wcsem.co.in/612-2/

DR. J. J. MAGDUM COLLEGE OF ENGINEERING
DR. J. J. MAGDUM COLLEGE OF ENGINEERING
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OF
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JAYSINGPUR - 416 101

A REVIEW				52-0)	
“Use of plastic in bitumen for construction of road”	Dr.J.S.Lambe	WCSEM	2023	(ISBN : 978-93- 95470 - 52-0)	https://wcsem.co.in/612-2/
“UTILIZATION OF PLASTIC WASTE IN PAVING BLOCKS”	. Dr.J.S.Lambe ·	WCSEM	2023	(ISBN : 978-93- 95470 - 52-0)	https://wcsem.co.in/612-2/
Review on the impact of using eggshell powder in concrete to accelerate the hydration process of cement paste	Dr.J.S.Lambe	GIS science journal	2023	ISSN: 1869-9391	https://gisscience.net/volume-10-issue-6-2023/
Causes of accident & its impact on construction work	Dr.J.S.Lambe	IJAEM	2023	ISSN:2395/5252	https://ijaem.net/issue_dcp/Causes%20of%20Accident%20and%20its%20impact%20on%20construction%20work.pdf
PROJECT MANAGEMENT IN CONSTRUCTION BY USINGPRIMAVERA P6 SOFTWARE	Prof.A.S.Sajane	WCSEM	2023	(ISBN : 978-93- 95470 - 52-0)	https://wcsem.co.in/612-2/
Cracks In Construction Causes Prevention And Repair	Prof.A.S.Sajane	WCSEM	2023	(ISBN : 978-93- 95470 - 52-0)	https://wcsem.co.in/612-2/
“Structural audit of commercial building”	Prof.K.G. Ghodake	IRJMETS	2022	E-ISSN: 2582-5208	https://www.irjmets.com/uploadedfiles/paper/issue_7_july_2022/28387/final/fin_irjmets1658057168.pdf
Seismic analysis of rcc building with and without shear wall by using staad pro”		IRJMETS	2022	E-ISSN: 2582-5208	https://www.irjmets.com/uploadedfiles/paper/issue_7_july_2022/28387/final/fin_irjmets1658057168.pdf

"Use of plastic in bitumen for construction of road"	Prof.Mrs.A.P. Chougule	WCSEM	2023	(ISBN : 978-93- 95470 - 52-0)	https://wcsem.co.in/612-2/
"UTILIZATION OF PLASTIC WASTE IN PAVING BLOCKS"	Prof.Mrs.A.P. Chougule	WCSEM	2023	(ISBN : 978-93- 95470 - 52-0)	https://wcsem.co.in/612-2/
DESIGN OF SLOPE STABILIZATION SCHEME IN JOTIBA HILL REGION	Shruti S khot	WCSEM	2023	(ISBN : 978-93- 95470 - 52-0)	https://wcsem.co.in/612-2/
"Biodegradable Material Management in Dr. J.J. Magdum College Of Engineering Campus"	Prof. D. A. Latthe	WCSEM	2023	(ISBN : 978-93- 95470 - 52-0)	https://wcsem.co.in/612-2/
Study on the impact of textile industry effluents of Ichalkaranji city on the water quality(Water quality of Panchganga River at Ichalkaranji)	Sneha P Madnaik	GIS SCIENCE JOURNAL	2023	ISSN NO : 1869-9391	https://wcsem.co.in/612-2/
Investigation of COVID-19 Effect on Material Cost Used in Construction within Maharashtra State (India)	Prof. V.A.Patil,	IJIRSET	2022	ISSN 2319:8753	

Prof. Arati Chougule
FDC Coordinator(Civil)

Dr. J. S. Lambe
HOD, Civil Engineering

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
SOIL STABILIZATION BY USING HIGHLY VULCANIZED RUBBER SHEET: A REVIEW	Dr.J.S.Lambe	WCSEM	2023	(ISBN : 978-93-95470 -52-0)	https://wcsem.co.in/612-2/
"Use of plastic in bitumen for construction of road"	Dr.J.S.Lambe	WCSEM	2023	(ISBN : 978-93-95470 -52-0)	https://wcsem.co.in/612-2/
"UTILIZATION OF PLASTIC WASTE IN PAVING BLOCKS"	Dr.J.S.Lambe	WCSEM	2023	(ISBN : 978-93-95470 -52-0)	https://wcsem.co.in/612-2/.
Review on the impact of using eggshell powder in concrete to accelerate the hydration process of cement paste	Dr.J.S.Lambe	GIS science journal	2023	ISSN: 1869-9391	https://gisscience.net/volume-10-issue-6-2023/
Causes of accident & its impact on construction work	Dr.J.S.Lambe	IJAEM	2023	ISSN:2395/5252	
PROJECT MANAGEMENT IN CONSTRUCTION BY USINGPRIMAVERA P6 SOFTWARE	Prof.A.S.Sajane	WCSEM	2023	(ISBN : 978-93-95470 -52-0)	https://wcsem.co.in/612-2/
Cracks In Construction Causes Prevention And Repair	Prof.A.S.Sajane	WCSEM	2023	(ISBN : 978-93-95470 -52-0)	https://wcsem.co.in/612-2/
"Use of plastic in bitumen for construction of road"	Prof.Mrs.A.P. Chougule	WCSEM	2023	(ISBN : 978-93-95470 -52-0)	https://wcsem.co.in/612-2/
"Utilization of plastic waste in paving blocks"	Prof.Mrs.A.P. Chougule	WCSEM	2023	(ISBN : 978-93-95470 -52-0)	https://wcsem.co.in/612-2/

Design of slope stabilization scheme in jotiba hill region	S S khot	WCSEM	2023	(ISBN : 978-93-95470 -52-0)	https://wcsem.co.in/612-2/
"Biodegradable Material Management in Dr. J.J. Magdum College Of Engineering Campus"	Prof. D. A. Latthe	WCSEM	2023	(ISBN : 978-93-95470 -52-0)	https://wcsem.co.in/612-2/
Study on the impact of textile industry effluents of Ichalkaranji city on the water quality(Water quality of Panchganga River at Ichalkaranji)	S P Madnaik	GIS SCIENCE JOURNAL	2023	ISSN NO : 1869-9391	https://wcsem.co.in/612-2/
Application of microsurfing tech for optimising maintainance cost of rigid pavement in india	Prof.V.A Patil	ICSSMT	2023		
Application of microsurfing tech for optimising maintainance cost of rigid pavement in india	Prof.V.A Patil	ICSSMT	2023		-
Review on the impact of using eggshell powder in concrete to accelerate the hydration process of cement paste	Prof.V.A Patil	GIS science journal	2023	ISSN: 1869-9391	https://gisscience.net/volume-10-issue-6-2023/

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Dr. J. S. Lambe
HOD, Civil Engineering

Paper Publication.

A Review on Enhancing Terms of Social Housing in Construction Industry

Mulla Shazi, M.A. AqeelZakir [1], Prof. Dr. D.B. Desai [2]

Department of Civil Engineering [illegible] College of Engineering [illegible]

Department Of Civil Engineering & Dr. J.J. Magdum College of Engineering, [illegible]

Abstract - This paper includes systematic literature reviews on Enhancing terms of Social Housing in Construction industry. For this, analyze the Production of affordable rental housing in urban areas then identify adequate sites which will be made available to facilitate and encourage the development of a variety of types of housing for all income levels. Assist in the development of adequate housing to meet the needs of low- and moderate-income households and conserve and improve the condition of the existing affordable housing stock and to address and remark appropriate and legally possible: remove government constraints to the maintenance, improvement, construction, and development of housing so, from this study suitable parameters can be recommended with respective to Indian construction industry.

Key Words: Social Housing, low-cost housing, neighborhood, social housing

I. INTRODUCTION:

Studies assessing the conditions of economical housings have mostly focused on satisfaction levels and subjective perception of quality particularly with regard to the dwelling units or the larger neighborhood characteristics. However, residents usually react upon their immediate environment to achieve satisfaction and make the surrounding area as their home. This paper relates appropriation, attachment and identity as home making mechanisms through. Which residents strive to achieve those satisfactions? Literatures are reviewed to identify the specific behavioral components of home making. A range of informative cues is found in forms of human activities and physical traces observable in economical housing.

The relationships between the physical [illegible]

have been used to explain the relationships of personal design and some aspect of housing. [illegible] is a new concept which deals with effective budgeting and following of techniques which help in reducing the cost construction through the use of locally available materials along with improved skills and technology without sacrificing the strength, performance and life of the structure. There is huge misconception that low-cost housing is suitable for only substandard works and they are constructed by utilizing cheap building materials of low quality. The fact is that Low-cost housing is done by proper management of resources. Economy is also achieved by postponing finishing works or implementing them in phases.

The provision and management of social housing for those who are unable to access the housing market is essential to the maintenance of the fabric of society. Roughly 20 per cent of households in this country rely upon some form of subsidized housing provided by local authorities and housing associations, and many who would otherwise be homeless are housed in private sector accommodation procured by state and voluntary agencies. Yet others rely on housing benefits provided through tax receipts to help them afford the homes they rent. The social housing industry is vast and still growing, with an annual growth in the number of housing associations and management bodies, and is changing to adapt to new political and economic forces. There are very few countries in the world where some form of subsidized housing does not exist, and the total number of social homes is likely to grow worldwide, as are the challenges of the sector.

The analytical assessment of residential complexes in terms of environmental, social and economic sustainability can enable setting particular standards in design that should be followed in new projects to ensure increased sustainability. Besides [illegible]

Here [illegible]

IJSREM

e-Journal

ISSN 2582-393

entific Research in Engineering

by awarding this certificate to

Prof. Dr. D.B. Desai

the publication of manuscript entitled

RESOURCE DEVELOPMENT FOR IMPROVING

ONSTRUCTION INDUSTRY- A REVIEW

Journal Volume 0

DR. J.J. MAGDUM COLLEGE OF ENGINEERING
JAYSINGPUR
416101

Review of Critical Success Factors in Construction industry

Pritee P. Kamble [1], Prof. Dr. D. B. Desai [2]
Civil department (construction management) [illegible]
[illegible]

How to cite this paper:
Pritee P. Kamble[1], Prof. Dr. D. B. Desai[2] "Review of Critical Success Factors in Construction industry", IJRE (5)03 245-249

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Abstract: Critical success factors (CSFs) are project management inputs that can lead to [illegible] it entails a number of components that must be [illegible] for the project to be completed on time. The goal of this research is to determine the magnitude of the link between CSFs and project success. The research findings are supposed to aid the company in evaluating project management performance. Finally, the conceptual framework was created by identifying five factors that contribute to project success: Project Management Action, Project Procedures, Human Factors, External Issues and Project Related Factors.

Keywords — Critical Success Factors (CSFs), Project, Project management, Organization, Project implementation, Project managers.

I. INTRODUCTION

Over the life of a facility, a construction project is effectively completed as a result of many jobs and interactions, both planned and unexpected, with changing participants and procedures in a continually changing environment. Certain aspects are more important than others in project success. Critical success factors (CSFS) are a term used to describe these factors. Rockartc (1982) coined the term "critical success factors" in the context of project management, and it is defined as those characteristics that contribute to project success (Sanvido et al. 1992). Any growing country's development and expansion is contingent on the successful implementation of new initiatives. After agriculture, the construction industry is India's second major source of employment. Because of the shifting uncertainties in technology, government funding, and development procedures, the building sector is progressive. Project performance is also used as an objective measure of project goals, such as completing the project on time, on budget, with good quality, and with complete client satisfaction. Project performance is based on time, cost, and quality, but these factors alone do not provide a whole picture of project success. There are also a lot of issues to consider, such as finishing the project on time and on budget, quality of workmanship, client and project management satisfaction, technological advancements,

environmental friendliness, and safety. Identifying critical success elements, building conceptual frameworks, and analysing the linkages among critical success factors and the link between critical success factors and performance are some of the other aims. Purchasing a piece of land, determining the project's marketing, developing the building programme and design, acquiring the appropriate public approvals and finance, building the structure, then leasing, managing, and eventually selling it are all part of the construction project development process.

II LITERATURE REVIEW

1. Critical success factors influencing performance of construction projects

Critical success factors (CSF'S) is considered to be [illegible] Sumesh Sudheer Babu et al state that the study of project success and the critical success factors (CSF'S) is considered to be a mean for improving the effectiveness of project. Performance can be assured by identifying and eliminating the factors that cause poor project outcomes. Thus, project managers need better understanding of critical success/failure factors and how to measure them. Also he recommends that this study is to systematically investigate the causes of project failure and how these [illegible] Constructions projects are frequently influenced by success factors which can help [illegible] be prevented, managed, or controlled. Their aim is to investigate the critical factors leading to project success reach their intended goals with greater efficiency. [illegible]

[illegible]

[illegible]

COLLEGE OF ENGINEERING

Volume 3, Issue 3 (May-June 2022), PP: 256-[illegible]
www.[illegible].com

ISSN No: [illegible]

Use of Agricultural Material for EffectiveIndustrial Noise Reduction in Textile Industries

Pooja Kamble¹, Dr. D. B. Desai²
[illegible] Engineering [illegible] College of Engineering [illegible]

How to cite this paper:
Pooja Kamble¹, Dr. D. B. Desai², "Use of Agricultural Material for EffectiveIndustrial Noise Reduction in Textile Industries", IJIRE-V3I03-256-[illegible]

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[illegible]

Abstract: *Noise is unwanted sound of the major pollutant which [illegible] human being and disturbing their [illegible] It's one of the major [illegible] textile industry, there are different kind of machinery which [illegible] [illegible] research conducted to understand theuse of [illegible] Tulsi, Banana stem, Rise straw [illegible], Sugarcane bag[illegible] Coconut coir [illegible] industrial noise reduction [illegible] effective solution for industrial [illegible] and the Noise Reduction coefficient is calculated. The study of noise [illegible] and the effective use of agricultural materials to overcome this problem [illegible] paper.*

Key Word: Bamboo, Tulsi, Banana stem, Rise straw husk, Sugarcane bagasse, Coconut [illegible] date palm Noise Reduction coefficient (NRC), impedance tube system.

I. INTRODUCTION

Noise is "unwanted sound" one of the major pollutant as noxious gases in the environment which plays an important role in occurrence of annoyance, inconvenience and creating nuisance which causes Noise Pollution. As a result of industrialization, urbanization and population growth in the 21st century, noise pollution continuesto grow in its extent and severity. Environmental noise pollution is a form of air pollution which has very adversedirect and cumulative effects on the health and degrades working, and living environments of wellbeing with corresponding real socio economic losses.

Noise pollution is an environmental problem all over the world, which has very harmful effects on health and life of the people who are exposed to continuous noise throughout the workday, may leads to some injuries such as hearing loss, weakness in nerves and pain in internal tissues, heart problems, and even higher blood pressure sustaining for long term. There is growing evidence that noise pollution is not merely an annoyance, likeother forms of pollution, it has wide-range of adverse health, social, and economic effects.

Noise pollution in its behavioural sense is very much complex phenomena because of insufficient[illegible] about its effects on human being, but it is fact that noise pollution has widespread and imposes long-term consequences on health. The overarching worldwide sources of noise pollution are Transportation systems, Industrial Machineries, Office Equipment, Power tools, Construction [illegible] appliances etc. [illegible] other important factors to take into account the duration of noise level [illegible] working day. The different types of [illegible] exposure, frequency, incidence and distribution along theworking day. The different types of [illegible] dangerous impacts on the [illegible] associated with various kinds of noise [illegible] to the noise pollution. However, in most of the developing [illegible] sector.

The agricultural materials have become [illegible] and more technologically [illegible] of environment friendly [illegible]

COLLEGE OF ENGINEERING

[illegible]

International Journal of Civil Engineering and Architecture Engineering

Digvijay S Shinde
[illegible]

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[illegible] Department of Civil Engineering, Dr. J. J. Magdum College of Engineering, Jaysingpur, Maharashtra, India

Dr. JS Lambe
Associate Professor
Department of Civil Engineering, Dr. J. J. Magdum, College of Engineering, Jaysingpur, Maharashtra, India

Dr. Abhijit M Zende
Professor and Head, Department of Civil Engineering, Dr. Daulatrao Aher College of Engineering, Karad, Maharashtra, India

Groundwater potential and recharge zones mapping using remote sensing and GIS for Kadegaon Taluka, Maharashtra, India

Digvijay S Shinde, Dr. DB Desai, Dr. JS Lambe and Dr. Abhijit M Zende

[illegible]

Abstract

[illegible] the larger volume is the ground water [illegible] surface water and ground water. According to the study of [illegible] There are many areas in our country that are facing scarcity of water, and this is due to the [illegible] proper planning of the ground water development, results in the fall of water levels, drying of wells, etc. The over exploration of ground water in certain parts of the country may also leads in the lowering of ground water table, and this requires the scientific resource management and conservation. The source of water available below the surface of earth that can be used as the prime source of water for water supply system majorly for agriculture, and also used for domestic and commercial uses. Groundwater has crucial importance and value for human life and economic development. The ground water has major contribution in the earth's water circulatory system known as hydrologic cycle.
Keeping in mind the growing rate of the population and as result of it the needs of the society could not be satisfied by the available surface water resources. Thus the man has started massive search of water resources. Such massive mining of ground water has leads to drastic decline of ground water table. Thus the ground water has become the precious resources for the agriculture and domestic use. Hence in order to ensure a sensible use of ground water the proper evaluation and management is required.

Keywords: groundwater, precipitation, infiltration, groundwater level fluctuation etc

1. Introduction

Geospatial technology is a quick and low-cost tool for producing valuable data on geology, geomorphology, lineaments, slope, and other topics that aid in determining groundwater potential zones. The systematic integration of these data with the subsequent hydrogeological investigation allows for the rapid and cost-effective delineation of groundwater potential zones. Although it is possible to manually integrate these data and delineate groundwater potential zones, it is time consuming, difficult, and introduces human error. In recent years, digital techniques have been used to integrate various data in order to delineate not only the groundwater potential zone but also to solve other groundwater-related problems. Using a geographical information system (GIS) software tool, these various data are prepared in the form of a thematic map. These thematic maps are then combined with the [illegible] which includes mathematical and Boolean operators, is the tool. The Spatial Analyst [illegible] used to create a model based on the goal of the method [illegible] groundwater potential zones [illegible]

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JAYSINGPUR

DEPARTMENT OF CIVIL ENGINEERING
JAYSINGPUR

INTERNATIONAL JOURNAL OF CURRENT SCIENCE
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International Journal of Current Science

Is hereby awarding this certificate to

Prof Dr. D. B. Desai

In recognition of the publication of the paper entitled

CRITICAL SUCCESS FACTORS IN CONSTRUCTION PROJECT

Published In IJCSPUB (www.ijcspub.org) & 8.17 Impact Factor by Google Scholar

Volume [illegible] August 2022, Date of Publication: [illegible]

PAPER ID : IJCSP22C1158

Registration ID : 221991

EDITOR IN CHIEF

[illegible] open access journals, Peer-reviewed, and Refereed Journals, Impact factor 8.17 (Calculate by google scholar and Semantic Scholar | AI-Powered Research Tool), Multidisciplinary, Monthly Journal

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Developing Skills for Successful Leader

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Abstract – This study sought to determine whether different job functions demand different levels of leadership ability. Because leadership skills can be learned and developed, this study emphasises them over other leadership constructs like leadership qualities. Leaders must inspire and exert influence over all stakeholders in order to be successful. This includes the board of directors, the shareholders, the staff, the vendors, and the clients. The goal of this study is to determine if there are any variations in the cognitive, interpersonal, and business leadership abilities of leaders in sales, finance, and human resources. Leadership involves creating and articulating a vision and inspiring others to want to work toward that vision. But leaders may not be skilled at or involved with the day-to-day management of the work needed to turn that vision into a reality.

Key Words: Leadership, Leader, Quality, Skill

1. INTRODUCTION

The capacity to influence and direct followers or other members of an organization is referred to as leadership. Making wise — and occasionally challenging — decisions, defining and communicating a clear vision, setting realistic goals, and empowering subordinates with the information and resources they need to reach those goals are all aspects of leadership.

[illegible] transformational or charismatic leadership, and leader-member interchange are just a few of the numerous theories that have been put forth over the years to describe the kinds of behaviors that make effective leadership possible. These theories all have a similar emphasis on specific behavioral patterns and how these patterns affect the effectiveness of leaders. Contrarily, leadership might be defined in terms of the capacities, expertise, and skills that make effective leadership feasible rather than in terms of particular actions.

Leaders may be found and developed in the workplace by giving them some autonomy in their denision-making. There are persons in every culture who only perform the duties that are expected of them. Then there are those that just innately step up and assume more accountability and initiative. These are the individuals that truly possess leadership potential.

2. Leadership Skills:

People with leadership qualities are able to direct and complete tasks, support initiatives, create a sense of unity, and empower others. A person's capacity to motivate staff, inspire them, instigate change, and produce outcomes are all examples of leadership capabilities. Employees need more than just leadership abilities to become leaders. Their managers need to motivate and [illegible]

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LABOUR PRODUCTIVITY: A SURVEY

[illegible]
[illegible]
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Abstract—Construction industry faces lots of challenges with regard to problems associated with productivity. Productivity is one of the most important factors affecting the overall performance of any organization, whether large or small and the problems are usually associated with performance of Labour. The performance of labour is affected by many factors and is usually linked to the performance of time, cost, and quality. Productivity is still a fascinating topic and a hot topic in the construction industry, promising cost savings and resource efficiency. In both developed and developing countries, productivity is one of the most critical challenges. The developed world understands the relevance of economic development and social welfare. Developing countries that are dealing with unemployment, inflation, and resource scarcity try to make the best use of their resources in order to promote economic growth and better the lives of their population. The purpose of this thesis is to identify elements that affect labour productivity as well as to investigate reasons such as labour problems on the job site and their impact on building projects.

Keywords—Labour, Productivity, Survey

I. INTRODUCTION

Inefficient management of the construction resources can lead to low productivity. This is why it is important that construction managers are knowledgeable about the various methods that can be used to evaluate the labor productivity of their workers. It is very important that construction projects have a good control over their productivity factors, as these contribute to their overall income. [illegible] input resources that can be used to improve the efficiency of the project labour productivity is a particular [illegible] [illegible] managers make [illegible] [illegible]. This can help managers [illegible] the [illegible] and improve the performance [illegible] [illegible] of a company [illegible] by [illegible] [illegible] depending on the resources it has. The [illegible] [illegible] to produce goods and services [illegible] [illegible] [illegible] included [illegible] [illegible] [illegible] a challenge because [illegible] Developing [illegible] [illegible] unemployment, inflation [illegible] [illegible]

[illegible] of the [illegible] [illegible] [illegible] productivity in order to investigate reasons such as labour problems on the job site and their impact on building project [illegible] [illegible] meetings between labour and superintendent [illegible] significance of [illegible] productivity.

II. [illegible]

1. [illegible] calculate the Relative Importance [illegible] [illegible]
2. To [illegible] study [illegible] [illegible] Productivity
3. [illegible] Construction

The term "survey research" refers to the process of gathering information by asking people questions. In order to collect data for this study, two fundamental methods were used: questionnaires and personal interviews. A questionnaire was chosen as the most efficient and appropriate data gathering method for the investigation. The questionnaire was judged to be a self-administered instrument with well-design questions, which was a suitable response. A questionnaire is a [illegible] survey style, on the other hand, takes less time and costs less money for the researcher, while allowing respondents to respond at their leisure. However, as compared to face-to-face interviews, the response rate for this method is usually lower. Data was gathered through reviews of books, journals, papers, seminar conferences, and websites that focus on the importance of building construction.

Small [illegible] in India are unable to meet labour demands [illegible] [illegible] productivity [illegible] [illegible] [illegible] [illegible] effects of [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] to analyse the data [illegible]

[illegible]

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SLIP FORMWORK

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Abstract— Slip forming is one of the most effective processes for constructing unconventional structures such [illegible] towers, chimneys, and silos, as well as [illegible] and bridge construction. Formwork made using slip techniques used on a construction with a height of more than 16 meters and its unique design. Techniques for erection that are both quick and cost-effective. Slip forming takes into account. The fastest erection is 7.2 meters per day procedure. They have a variety of components, and when they're finished, they're ready to use. It was elevated up and further by the hydraulic jack at certain height concreting. It's possible to undertake semi concreting. As a result, these methods are quick and efficient. Savings, cost-effective, and fewer workers are required.

Keywords— Formwork, Timber, Concrete.

I. INTRODUCTION

Concrete is poured and [illegible] into a temporary mould called formwork. Traditional formwork is made of wood, but it can also be made of steel, glass fibre reinforced polymers, and other materials. materials. The term "slip form" refers to a construction procedure in which concrete is poured into a mould poured over the top of a constantly moving formwork. As far as the concrete . When the concrete is poured, the formwork is elevated vertically at a rate that permits the concrete to settle. Before the concrete can be removed from the bottom formwork, it must harden. For projects with more than seven stories, such as skyscrapers, slip form is the most cost-effective option. Because it is the quickest form of vertical building, bridges and towers are used. horizontally reinforced concrete constructions, but it can also be employed for vertically reinforced concrete [illegible] example, of structures. The concrete that will be used must [illegible] [illegible] into the form and is [illegible] by [illegible]

[illegible]

the forms are [illegible]

monitored [illegible]

formwork usually [illegible]

- The upper platform [illegible]
- Middle platform [illegible]

[illegible]

- Lower platform: This allows for [illegible] done

The middle supports the platform [illegible] of the other components [illegible] [illegible] can take a long time. The [illegible] to continue

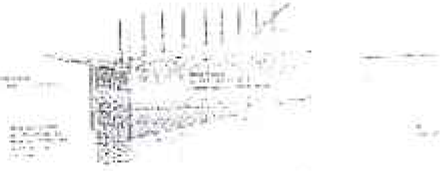

Fig 1 - Slip Formwork

SLIP FORMWORK HISTORY: In 1910, [illegible] the slip forming technology for building silos, grain elevators and cooling towers.

- In Skylon, the slip formwork process was used for the first time. The Niagara Falls Tower, which was constructed in 1965, is Located near Niagara Falls, Ontario.
- For the Sheraton Waikiki, another remarkable structure was built. In 1969, a hotel in Hawaii was built.
- In the 1990s, slip forming was also used for paving in the United Kingdom. includes the [illegible] highways, bicycle paths, and [illegible] Furthermore, slip form paving was used [illegible]

Slip forming entails building [illegible]

[illegible]

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RECYCLING OF SEWAGE WATER FOR APARTMENT.

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Abstract: Recycling of sewage water is most important [illegible] in the world. In most of the areas waste water is thrown off in river and sea without any treatment. This waste water contains many pollutant components that can be harmful for human health and environment. Due to wastewater natural resources of fresh water are polluted and aquatic life is in dangerous. Knowing the importance of water and evaluating the risk makes waste water treatment necessary for avoiding future problem. The purpose of this project is to prevent natural water sources and to treat wastewater coming from human activity and prevent environment and human health. So minimize harmful component present into the wastewater using various method.

Keywords: Recycle, Sewage, Waste Waters.

I. INTRODUCTION

1) Water

Water is a transparent, tasteless, odorless, and nearly colorless chemical substance, which is the main constituent of Earth's streams, lakes, and oceans, and the fluids of most living organisms. It is vital for all known forms of life, even though it provides no calories or organic nutrients. Its chemical formula is $H_2 O$, meaning that each of its molecules contains one oxygen and two hydrogen atoms, connected by covalent bonds. Water is the name of the liquid state of $H_2 O$ at standard ambient temperature and pressure. It forms precipitation in the form of rain and aerosols in the form of fog. Clouds are formed from suspended droplets of water and ice, its solid state. When finely divided, crystalline ice may precipitate in the form of snow. The gaseous state of water is steam or water vapor. Water moves continually through the water cycle of evaporation, transpiration (evapotranspiration), condensation, precipitation, and runoff, usually reaching the sea. Water covers 71% of the Earth's surface, mostly in seas and oceans. Small portions of water occur as groundwater (1.7%), in the glaciers and the ice caps of Antarctica and Greenland [illegible] and in the air as vapor, clouds [illegible] Since from long man require water for day to day activity such as drinking, cooking, bathing, washing, etc. [illegible] I.S. a human being requires about 135 liters of water per day for his activity & about 80% of this is wasted, means about 108 liter per person is wasted. This Waste Water is generated from various activities such as bathing, washing, cleaning, etc.

2) Waste Water

Waste water means polluted water which requires treatment for its further use. The treatment may be physical, chemical, biological or combination of all. Household wastewater comprises of two types of wastewater as classified below Black water: Wastewater from the toilet, containing faecal matter and urine is called black water. It is also referred to as sewage. Grey water: Grey water is wastewater generated from the kitchen sink, clothes wash area, bathroom and other taps. Both grey and black water can be suitably treated and reused for non potable applications. Generally waste water contains about 1-5% solid & 95-99% water. The current increase in production & disposal of this waste water has created problems. 3) RECYCLING & REUSE OF WASTE WATER: Approximately 80% of domestic water supplied is released as wastewater. In today's context of fresh water shortage, wastewater needs to be seen as a resource rather than as a waste. Wastewater can be recycled and reused for various applications such as for flushing and gardening. Grey water comprises 50-80 % of domestic waste water and it is easier to treat and recycle than black water as the contamination levels in grey water are comparatively low. In any application, care needs to be taken to meet IS standards for water quality for the particular application. 4) TECHNOLOGIES FOR WASTEWATER TREATMENT: Besides the conventional treatment systems such as sewage treatment plants (S.T.P.) and septic tanks, there are other alternative technologies, which can be implemented at the level of a neighborhood or housing complexes which recycle black and/or grey water for reuse [illegible] the sewage water [illegible] the raw sewage water is thrown in river without any treatment. This water contains many pollutant components that can be harmful for human health and environment [illegible] waste water treatment necessary for avoiding future problems [illegible]

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Computer Science [illegible]

Abstract: The objective [illegible] innovative idea for the new [illegible] construction site inspection [illegible] currently ongoing [illegible] manually which [illegible] human energy, time & cost [illegible] problem we are trying to develop [illegible] Construction Site Inspection by using Drone and AI [illegible] based on organized real-time data [illegible] using a variety of cutting-edge instruments such as drone, sensors, camera and site photos etc. [illegible] advanced software is used to analyse the data, enabling better operations, planning and [illegible]

Keywords— Construction Site, Inspection, Monitoring, Drone

I. INTRODUCTION

Construction site inspection drone or unmanned aerial vehicle (UAV) is based on organized real-time data [illegible] using a variety of cutting-edge tools, [illegible] sensors (photo/video camera, imaging camera and [illegible] etc.) A weekly, biweekly, or advance information [illegible] of the construction of work progress [illegible] compliance monitoring for workplace safety [illegible] necessary to obtain the high-resolution [illegible] we developed this system since the monitoring of [illegible] construction sites in the civil sector [illegible] intensive, time consuming, and expensive [illegible] construction site inspection can [illegible] quality images and videos from various angles [illegible] allowing for a more comprehensive [illegible] site. Drones can capture [illegible] construction site from [illegible] create 3D models [illegible] identify any delays [illegible] capture information about the construction site [illegible]

II. [illegible]

[illegible] Drone-based monitoring and inspection of [illegible] This review paper summarizes the recent advancements and challenges in the use of drones for construction site monitoring and inspection including data processing and analysis techniques. "Unmanned aerial vehicles for construction site monitoring and inspection: A review of applications and technologies" by A. [illegible] et al. This paper presents a comprehensive review of the different applications and technologies used in the field of drone-based construction site monitoring and inspection. "A review of unmanned aerial vehicle applications for construction site inspection" by S. [illegible] et al. This review paper discusses the various applications of drones in construction site inspection, including site mapping, progress monitoring, and safety inspection. "A case study of drone-based construction site inspection for [illegible]

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Groundwater potential and recharge zones mapping using remote sensing and GIS for Kadegaon Taluka, Maharashtra, India

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Abstract
Year by year the water is becoming the scare source all over the world. Water resources available on earth are in the two forms namely surface water and ground water. According to the study of scientist the total volume of the ground water is very less as compared to the total water available in the globe. There are many areas in our country that are facing scarcity of water, and this is due to the no proper planning of the ground water development, results in the fall of water levels, drying of wells, etc. The over exploration of ground water in certain parts of the country may also leads in the lowering of ground water table, and this requires the scientific resource management and conservation. The source of water available below the surface of earth and that can be used as the prime source of water for water supply system majorly for agriculture, and also used for domestic and commercial uses. Groundwater has crucial importance and value for human life and economic development. The ground water has major contribution in the earth's water circulatory system known as hydrologic cycle.
Keeping in mind the growing rate of the population and as result of it the needs of the society could not be satisfied by the available surface water resources. Thus the man has started massive search of water resources. Such massive mining of ground water has leads to drastic decline of ground water table. Thus the ground water has become the precious resources for the agriculture and domestic use. Hence in order to ensure a sensible use of ground water the proper evaluation and management is required.

Keywords: groundwater, precipitation, infiltration, groundwater level fluctuation etc.

1. Introduction

Geospatial technology is a quick and low-cost tool for producing valuable data on geology, geomorphology, lineaments slope, and other topics that aid in determining groundwater potential zones. The systematic integration of these data with the subsequent hydrogeological investigation allows for the rapid and cost-effective delineation of groundwater potential zones. Although it is possible to visually integrate these data and delineate groundwater potential zones, it is time consuming, difficult, and introduces manual error. In recent years, digital techniques have been used to integrate various data in order to delineate not only the groundwater potential zone but also to solve other groundwater-related problems. Using a geographical information system (GIS) software tool, these various data are prepared in the form of a thematic map. These thematic maps are then combined with the "Spatial Analyst" tool. The "Spatial Analyst" tool, which includes mathematical and Boolean operators, is then used to create a model based on the goal of the problem at hand, such as the delineation of groundwater potential zones.

In groundwater resource mapping and planning, integrated remote sensing and GIS can provide an appropriate platform for convergent analysis of diverse data sets. This work aims to develop and apply integrated methods for better understanding the groundwater resource [illegible] of the Kadegaon [illegible] by analyzing multi-source remotely sensed data in a GIS environment. Since the study area is connected by a national highway, both industrial investment and population growth have increased, and as a result, water scarcity is gradually becoming the most damaging issue in such a region.

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DoctoratePublications

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SOIL STABILIZATION BY USING HIGHLY VULCANIZEI RUBBER SHEET: A REVIEW

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Abstract— The road networks in India span an extensive 59, 03,293 km, making them a crucial aspect of the country's infrastructure. To improve road construction methods, a project has been proposed to replace the conventional base course of Water Bound Macadam (WBM) roads with rubber and steel stacked mats. India generates over 1 million tonnes of rubber tire waste annually, with approximately 60% of it being recycled. Additionally, about 15 million tonnes of rubber tyre waste is produced in the country. The choice of rubber and steel for the mats is based on their desirable properties: rubber provides flexibility, while steel offers high strength to bear the load from the road surface.

The methodology involves creating the mats by combining rubber and steel back-to-back, with grooves at regular intervals for rolling. These prepared mats are then placed over the sub base course and rolled. To increase the soil's density and bearing capacity, holes are made in the mats, allowing soil particles to fill them when the mats are inserted into the ground. Fine courses are subsequently dumped and rolled over the mats. The mats used in this approach are easily transportable as they can be rolled up. Moreover, by employing this mat system, the compaction period for the base course can be eliminated. It is important to note that this proposed methodology is specifically intended for Water Bound Macadam roads. By adopting this approach, the overall time required for road construction is reduced, waste tires are effectively recycled, and the overall project cost is minimized. The end result is an efficient road that can be constructed within a shorter timeframe.

Keywords — Soil Stabilization, Highly volcanized rubber sheet, Construction technique.

INTRODUCTION

Soil modification plays a significant role in achieving the desired soil properties for construction purposes. Soil modification involves altering or improving the properties of the soil to make it more suitable for construction work. Various techniques and methods are employed to modify soil, depending

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"Use of plastic in bitumen for construction of road"

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Abstract: The use of plastic in bitumen will allow for the utilization of waste plastic materials it increase the quality of road in this cases plastic bitumen can reduce the overall cost of the project since plastic bitumen can increase the life of road & reduce the long term maintenance requirement it should provide long term cost saving to the agency when the proper use of plastic bitumen in construction of road. In this project we have to increase the concentration of plastic & to decrease concentration of bitumen by taking different concentration ratio of plastic & bitumen. We have to design the module of plastic bitumen blend which have all the standard properties of the regular bitumen by taking different test like flash fire point, penetration etc, on plastic bitumen blend.

Keywords: - plastic, bitumen, plastic bitumen blend

I. INTRODUCTION

Plastic is everywhere in world. In every industry the plastic are used as a main component like packing material in building construction, in making toys etc. Also in automobile industry the plastic materials are widely used in all over the world. Now a days the plastic is widely used in a plastic bottles, used for mineral water packing, cold rinks storage, detergent storage etc. After use of that bottles for one time purpose the are thrown here and there. And that creates pollution. By using these plastic bottles in bitumen we can increase the strength of the road. If the plastic is added in proper proportion in to the bitumen the life span of road would be increase. It can save money and also protects the environment. In various countries the plastic is used in a road construction.The proper use of these materials can help for build a economical road. The maximum proportion of plastic in plastic bitumen blend can help strong and durable road.

II. OBJECTIVES

1. To reduce the quantity of bituminous and to increase the quantity of plastic in construction of flexible pavement.

2.To increase the life span of road

3.To reduce the overall cost of roa

4. To test the bitumen and modifie . bind.

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DoctoratePublications

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"UTILIZATION OF PLASTIC WASTE IN PAVING BLOCKS"

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Abstract--A large number of plastic wastes have been collected from several places such as tourist and public places etc., High density polyethylene bags are collected, cleaned, and used as a replacement for cement in the manufacturing of Paver Blocks. Plastic waste is available in large quantity and hence the cost factor comes down. when we having waste plastic then we can use as reuse, recycle and reduce. Be mindful of what you do, pay attention to the items you buy, and always check yourself to see if you need it or if it comes in a package with less waste

Keywords—Paver block, Plastic waste, Ceramic Waste, Compressive Strength

INTRODUCTION

Plastic is evil. You can hardly do away with it. Every day we use plastic in daily lifestyle that is Garbage, coffee cup, electronic material, plastic bags Etc. so plastic is very harmful to humans, animals, marine and as well as to environment. But where is all the plastic going? It would be startling to note that billions of tons of plastic are ending up in the world's oceans. Pollution caused by plastic is not only harmful to marine life but is also affecting the health of humans. The harmful chemicals like PCBs, DDT, and PAH, which get absorbed in the plastic debris that floats in the seawater, have a varied and harmful range of chronic effects like endocrine disorders. The toxins are transferred in the food chain as they get absorbed in the animals' bodies after they eat the plastic pieces. Human beings consume these contaminated fish and mammals. Plastic pollution is affecting the global economy. It is destroying the fishing and aquaculture industries. Plastic is mostly produced by household, tourism and trekking etc. In many countries, the composition of Waste is different, that it is affected by the socioeconomic characters, waste management programs, and consumption patterns, but generally, the level of plastic in the waste composition is high. One of the largest components of plastic waste is polyethylene which is followed by polypropylene.

Definition of Plastic-Looking to the global issue of environmental pollution by post-consumer plastic waste, research efforts have been focused on consuming this waste on a massive scale in an efficient and environmentally friendly manner. Plastic contains in solid as well as in finished state.

GENERATION - India generates 5.6 million metric tons of plastic waste annually, with Delhi generating the most of at municipality at 689.5 metric tons every day, according to a report fro the Central Pollution Control Board (CPCB). CPCB submitted the report to the Indian Supreme Court, which said, "We are sitting on a plastic time bomb."

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REVIEW ON THE IMPACT OF USING EGGSHELL POWDER IN CONCRETE TO ACCELERATE THE HYDRATION PROCESS OF CEMENT PASTE

Authored by

Dr. Jagdish Lambe

From

Dr.J.J.Magdum College of Engineering, Jaysingpur

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6.1

Causes of Accident and its impact on construction work

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ABSTRACT:
Based on the responses of experts, we find different cause of accidents in construction industry. And according to that we provide field-specific recommendations. It was also recommended to take accident prevention measures. The study focusses on to find different reasons of accidents and its impact construction project. Literature study shows accidents causes delay in project work. Proper safety need to be taken to avoid major harm due to accidents. Construction is most dangerous field than any other industry. So care should be taken to avoid accidents.At the end, recommendations for implementing an effective occupational health and safety management system in an organization are also provided. We studied all that causes and provide preventive measures so that project should be completed within time. And more profit should gain from project.

KEYWORDS: Causes of accidents, Construction projects, Preventive measures, Safety Precautions.

I. INTRODUCTION:

The construction industry provides shelter [illegible] for a variety of [illegible] purposes. It provides employment [illegible] and risky [illegible] Construction is a [illegible] of accidents [illegible] [illegible] that is [illegible] [illegible] more common than in any [illegible] [illegible], minor accidents, first aid cases, [illegible] and so on are all examples of accidents. Aside from [illegible] the loss of life, injuries, and occupational illnesses, workplace accidents incur significant economic costs. Accidents caused losses in the construction project, which impacted net income. As a result, it is critical to provide the budget for the construction site during the design phase.

II. CAUSES OF ACCIDENTS

On the job site, there are many possible causes of accidents, and it is the site manager's or supervisor's duty to find these causes and effective solutions. As a result, we must identify these causes and implement control measures for them. In that, we find specific causes and, based on this, provide ranks for all causes as well as safety measures. Construction workers' mistakes, poor judgment, lack of focus, awareness of the risks involved with the [illegible], and lack of safety regulations are other factors that contribute to accidents. Every construction and building site employee needs to receive adequate safety training in order to increase their level of safety [illegible]

III. LITERATURE STUDY:

S.L. Tang of the Hong Kong Polytechnic University's Department of Civil and Structural Engineering, located in Hunghom, Kowloon, Hong Kong [illegible] construction project [illegible] [illegible] [illegible] contractors [illegible] accidents are [illegible] construction accidents

DoctoratePublications

11th WCSEM - June 2022 An Industry Skills Oriented Research Articles

ISBN : 978-93-[illegible]

PROJECT MANAGEMENT IN CONSTRUCTION BY USING PRIMAVERA P6 SOFTWARE

JADHAV PRANJALI PRAKASH[1] , JAGTAP KARUNA PRAKASH[2] , JOYASHI SAYALI SANTOSH[3] , A S SAJANE[4]

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ABSTRACT

The construction industry is an integral and developing part of nation's infrastructure and industrial growth. In that construction sector construction manager has to deal with lots of challenges regarding time management and its limitations. Primavera P6 is one of the software which is used for the managementof construction activities. In this project, we carried out planning, scheduling, controlling, resource allocation and time management by primavera p6 software for mivan construction.

Primavera software has been use because of it use for large projects and fives comparable and optimum project plans to stimulate the adjustments. The wide acceptance of this software, especially in industries of developing cities has made the project managers to easily handle the large projects effectively. Effective time planning, is very important in determining the success of any project, poor planning and controlling of project will causes delay. To overcome this time running problem analysis can be done by using the primavera p6 software. This software gives better quality of construction management process and easily understanding results.

Key words: Mivan, primavera p6 software, planning4,resource allocation, etc

INTRODUCTION

Large construction project with huge budget it becomes very difficult for the project team to handle the task so it becomes very necessary to provide tool in handof project tool team that keep s track of activities. It helps in planning, scheculingand controlling effectively. In todays world great importance is givento a speedy construction practices, so mivan [illegible] Primavera [illegible] is used to track and trace the activities of a G+7 mivan construction building.

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11th WCSEM -- June 2023

An Industry Skills Enhanced Research Articles

Cracks In Construction Causes Preventive And Repair

PROF A. S. SAJANE⁵, PATOLE KOMAL SUBHASH¹, BIRAJDAR SANGEETA SURESH², SANKPAL NISHANT DIL [illegible] POLLA⁴

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ABSTRACT

In this paper, we have discussed about the problem of crack development in construction and what preventive measures should be taken along with the techniques to repair the cracks. Cracks in construction pose a significant challenge in maintaining the structural integrity and durability of buildings and infrastructure. This abstract provides an overview of the causes, prevention measures and repair techniques related to cracks in construction. Understanding the underlying factors that contribute to crack formation, implementing preventive strategies, and employing appropriate repair methods are essential for ensuring the long-term stability and safety of constructed assets. Cracking is a common problem in concrete structure in real life services. We all want to have a building which is structurally safe and beautiful but it is not so easy because of natural calamity, soil failure, construction faults and improper design causing to develop cracks on the building. So, it is important to understand the types of cracks and their causes and the preventive measures to be taken to control the cracks.

Key words: Cracks, Causes of cracking, Preventive measures, Techniques etc.

INTRODUCTION

Cracks in a building is a universal problem in the world. Cracks in construction are a common occurrence and can be found in various structures, ranging from buildings and bridges to roads and dams. They are a result of stress, movement, or settling within the construction materials, leading to the formation of visible openings or fractures on the surface. While some cracks may be minor and harmless others can indicate significant structural issues that require immediate attention and repair. Understanding the causes, types, and implications of cracks in construction is crucial for engineers, architects, contractors, and anyone involved in the building industry. By recognizing and addressing cracks early on, potential safety hazards and costly repairs can be minimized. The first and most common reason of cracks development is the stress such as dead load, live load, wind load and foundation settlement. Cracks affects the safety of structure and reduces the durability of structure. Cracks are generally divided into two parts. There are structural cracks and Non-structural cracks.

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A. Doshi

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DoctoratePublications

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[illegible]

"Use of plastic in bitumen for construction of road"

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Abstract: The use of plastic in bitumen will allow for the utilization of waste plastic materials it increase the quality of road in this cases plastic bitumen can reduce the overall cost of the project since plastic bitumen can increase the life of road & reduce the long term maintenance requirement it should provide long term cost saving to the agency when the proper use of plastic bitumen in construction of road. In this project we have to increase the concentration of plastic & to decrease concentration of bitumen by taking different concentration ratio of plastic & bitumen. We have to design the module of plastic bitumen blend which have all the standard properties of the regular bitumen by taking different test like flash fire point, penetration etc. on plastic bitumen blend.

Keywords: - plastic, bitumen, plastic bitumen blend

I. INTRODUCTION

Plastic is everywhere in world. In every industry the plastic are used as a main component like packing material in building construction, in making toys etc. Also in automobile industry the plastic materials are widely used in all over the world. Now a days the plastic is widely used in a plastic bottles, used for mineral water packing, cold rinks storage, detergent storage etc. After use of that bottles for one time purpose the are thrown here and there. And that creates pollution. By using these plastic bottles in bitumen we can increase the strength of the road. If the plastic is added in proper proportion in to the bitumen the life span of road would be increase. It can save money and also [illegible] the environment. In various countries the plastic is used in a road construction. The proper use of these materials can help for build a economical road. The maximum proportion of plastic in plastic bitumen blend can help strong and durable road.

II. OBJECTIVES

1. To reduce the quantity of bituminous and to increase the quantity of plastic in construction of flexible pavement.
2. To increase the life span of road.
3. To reduce the overall cost of road.
4. [illegible] bitumen and modified bond.

DoctoratePublications
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"UTILIZATION OF PLASTIC WASTE IN [illegible]"

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3 Final YearB.Tech. student, Department of Civil Engineering, Dr.J.J.Magdum College of Engineering, Jaysingpur, [illegible]

Abstract--A large number of plastic wastes have been collected from several places such as tourist and public places etc., High density polyethylene bags are collected, cleaned, and used as a replacement for cement in the manufacturing of Paver Blocks. Plastic waste is available in large quantity and hence the cost factor comes down. when we having waste plastic then we can use as reuse, recycle and reduce. Be mindful of what you do, pay attention to the items you buy, and always check yourself to see if you need it or if it comes in a package with less waste

Keywords—Paver block, Plastic waste, Ceramic Waste, Compressive Strength

INTRODUCTION

Plastic is evil. You can hardly do away with it. Every day we use plastic in daily lifestyle that is Garbage, coffee cup, electronic material, plastic bags Etc. so plastic is very harmful to humans, animals, marine and as well as to environment. But where is all the plastic going? It would be startling to note that billions of tons of plastic are ending up in the world's oceans. Pollution caused by plastic is not only harmful to marine life but is also affecting the health of humans. The harmful chemicals like PCBs, DDT, and PAH which get absorbed in the plastic debris that floats in the seawater, have a varied and harmful range of chronic effects like endocrine disorders. The toxins are transferred in the food chain as they get absorbed in the animals' bodies after they eat the plastic pieces. Human beings consume these contaminated fish and mammals. Plastic pollution is affecting the global economy. It is destroying the fishing and aquaculture industries. Plastic is mostly produced by household, tourism and trekking etc. In many countries, the composition of Waste is different, that it is affected by the socioeconomic characters, waste management programs, and consumption patterns, but generally, the level of plastic in the [illegible] Typical components of plastic waste is polyethylene which [illegible]

Definition of Plastic-Looking to the global issue of environmental pollution by post consumer plastic waste, research efforts have been focused on [illegible] in an efficient and environmentally friendly manner [illegible]

GENERATION - In India [illegible]

[illegible]

[illegible]

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Design Of Slope Stabilization Scheme In Jotiba Hill Region

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Abstract—This report focuses on prevention of landslide by slope stabilization. Landslides are a serious geological hazard caused when masses of rock, earth and debris flow down a steep slope during period intense rainfall. The western Ghat of India is subjected to many landslides every year. The material may move by falling, toppling, sliding, spreading, or flowing. Some landslides are rapid; occurring in seconds, whereas some may take hours. This report aims to stabilize the slope in Jotiba hill region. We conducted various field tests and some lab tests on the sample collected from the site. From the results obtained we analyzed the data by using slide software to find stability of the slope. From the software analysis it is found that Reprofiling and Reprofiling plus soil nailing these two solutions for slope stabilization. The main purpose of this exercise is to achieve safety as well as economy at a same time for better prevention of landslides.

Keywords – Landslide, Slide software, Reprofiling, Soil Nailing.

INTRODUCTION

The study is about to provide various slope stabilization schemes for landslide prevention. Landslides causes the severe loss of life and economy. In recent years Maharashtra has witnessed various landslides like Malin village in Pune district, Taliye village in Raigadh district and many others. These landslides caused loss of lives of hundreds of people. These landslides mostly occurred in rainy season because of additional water pressure. Hence rainy season becomes scary for various villages. To prevent these types of disasters we need a proper solution which should be economical as well. Government provides various preventive measures to these villages. Some villages get rehabilitated. Slope stabilization is done on tendering basis. Various consultancies provide a slope stabilization schemes for these types of sites. Slope stabilization of landslide prone area can result in saving the lives of people. This motivated us to develop a slope stabilization design for a landslide prone area.

Doctorate Publications

11th AVCSEM – June 2023 [illegible]

Biodegradable Material Management in Dr. J.J. Magdum College Of Engineering Campus

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Abstract— Generation of Solid wastes in general and biodegradable waste in particular is increasing at house hold level over the last two decades. Any material which can be decomposable by the action of microorganisms in a short period of time is called biodegradable. Mostly food waste: vegetable peels and fruit pulp are biodegradable. These materials readily mix with the soil by the action of bacteria. During decomposition, these materials release carbon dioxide, methane, ammonia and hydrogen sulphide into the environment thereby contributes to air pollution. Biodegradable kitchen waste that is collected from residential societies which can be utilized for the benefits of the society.

Biodegradable waste is the waste that can be decomposed and will be broken down into carbon dioxide, water, methane or simple organic molecules by the action of micro-organisms in reasonably less time. Normally biodegradable wastes are food and kitchen waste, manure, agricultural and forestry waste.

Keywords—Biodegradable waste, soild waste

I. INTRODUCTION

Due to scarcity of petroleum and coal it threatens supply of fuel throughout the world also problem of their combustion leads to research in different corners to get access the new sources of energy, like renewable energy resources. Solar energy, wind energy, different thermal and hydro source of energy, biogas are all renewable energy resources. But biogas is distinct from other renewable energies because of its characteristics of using, controlling and collecting organic wastes and at the same time producing fertilizer and water for use in agriculture irrigation. Biogas does not have any geographical limitations, nor does it require advanced technology for producing energy, also it is very simple to use and apply.

Deforestation is a very big problem in developing countries like India, most of the part depends on charcoal and firewood for fuel supply which require [illegible]. Also due to deforestation it leads to decrease the fertility of land by soil erosion. [illegible] firewood as energy is also harmful for the health of [illegible] due to the [illegible] pollution. [illegible] eco-friendly [illegible]

Kitchen waste [illegible] methane production [illegible] biogas [illegible] that's why efficiency of methane production [illegible] earlier. It means higher efficiency and [illegible] Kitchen waste is disposed in landfill or discarded which [illegible] the public in most of cities and places.

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Investigation of COVID-19 Effect on Material Cost Used in Construction within Maharashtra State (India): Material Based Approach

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Lecturer, DKTE Society's Yashwantrao Chavan Polytechnic Ichalkaranji, India

Abstract: Construction industry contributes majorly in world economy, where it is highly influenced by availability as well as purchase cost of construction material. As per cost optimization is concerned, it is very important to evaluate the impact of corona epidemic on the construction industry in Maharashtra state (India). As long as the economy is considered contractors must check the rates of material used for construction activities& overall construction cost can be revised and kept in front of clients. Price escalation plays crucial role in such cases. Building materials as a raw element contibutes 40-50 % of total cost of project.In this paper the factor which affects the cost of project is studied. This paper focuses on the market survey in Maharashtra state(India) to prepare the cost comparison statement of post corona and pre-corona stage.

KEYWORDS: Epidemic, Construction Industry, cost comparison statement

I. INTRODUCTION

Various factors influence the cost estimation of a construction project. Preparation of a construction cost estimate for any project is a very complex process which consists of many variable factors. Every variable has to be correctly estimated based on proper study, past experience and research to calculate total project cost of construction. Many researchers worked on the precautionary measures on construction site, theoretical and explanatory research sharing the workforce issue [1]. This paper shed light on the price escalation in construction industry and relatively the increased rate of production of a building; in short, the expenses on material purchase will be studied and compared for concluding the effect on production cost of building at Maharashtra state.

II. OBJECTIVES

1. To identify the factors affecting construction cost of project
2. Investigate the market rates on construction site before and after corona
3. To compare the project cost considering the material price only

III. LITERATURE REVIEW

1. Ihsan Ali Husien, 2021 COVID-19: Key global impacts on the construction industry and proposed coping strategies, E3S Web of Conferences 263, 05056,pp 2-4

The author states that supply of construction material and delay of project occurred due to Covid-19. Shortage of imported construction material affected all over the world. All the parties who participated in project have to undergo financial consequences for through the completion of work.

2. Apurva Pamidimukkala, 2021, Impact of Covid-19 on field and office workforce in construction industry,(http://creativecommons.org/licenses/by-nc-nd/4.0/),Project Leadership and Society 2,ppno 2 August 2021, 2666-7215

The author states,due to material costs and deficiencies [illegible] became a major issue and negatively affected the delivery of materials, slower during the pandemic, cash flow delays became a major issue [illegible] progress, and sometimes even led to projects being suspended.

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Er.V.A.PATIL

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Department of Civil Engineering

Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
SOIL STABILIZATION BY USING HIGHLY VULCANIZED RUBBER SHEET: A REVIEW	Dr.J.S.Lambe	WCSEM	2023	(ISBN : 978-93-95470 -52-0)	https://wcsem.co.in/612-2/
"Use of plastic in bitumen for construction of road"	Dr.J.S.Lambe	WCSEM	2023	(ISBN : 978-93-95470 -52-0)	https://wcsem.co.in/612-2/
"UTILIZATION OF PLASTIC WASTE IN PAVING BLOCKS"	Dr.J.S.Lambe	WCSEM	2023	(ISBN : 978-93-95470 -52-0)	https://wcsem.co.in/612-2/
Review on the impact of using eggshell powder in concrete to accelerate the hydration process of cement paste	Dr.J.S.Lambe	GIS science journal	2023	ISSN: 1869-9391	https://gisscience.net/volume-10-issue-6-2023/
Causes of accident & its impact on construction work	Dr.J.S.Lambe	IJAEM	2023	ISSN:2395/5252	
PROJECT MANAGEMENT IN CONSTRUCTION BY USINGPRIMAVERA P6 SOFTWARE	Prof.A.S.Sajane	WCSEM	2023	(ISBN : 978-93-95470 -52-0)	https://wcsem.co.in/612-2/
Cracks In Construction Causes Prevention And Repair	Prof.A.S.Sajane	WCSEM	2023	(ISBN : 978-93-95470 -52-0)	https://wcsem.co.in/612-2/
"Use of plastic in bitumen for construction of road"	Prof.Mrs.A.P. Chougule	WCSEM	2023	(ISBN : 978-93-95470 -52-0)	https://wcsem.co.in/612-2/
"Utilization of plastic waste in paving blocks"	Prof.Mrs.A.P. Chougule	WCSEM	2023	(ISBN : 978-93-95470 -52-0)	https://wcsem.co.in/612-2/

Design of slope stabilization scheme in jotiba hill region	S S khot	WCSEM	2023	(ISBN : 978-93-95470 -52-0)	https://wcsem.co.in/612-2/
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Study on the impact of textile industry effluents of Ichalkaranji city on the water quality(Water quality of Panchganga River at Ichalkaranji)	S P Madnaik	GIS SCIENCE JOURNAL	2023	ISSN NO : 1869-9391	https://wcsem.co.in/612-2/
Application of microsurfing tech for optimising maintainance cost of rigid pavement in india	Prof.V.A Patil	ICSSMT	2023		
Application of microsurfing tech for optimising maintainance cost of rigid pavement in india	Prof.V.A Patil	ICSSMT	2023		-
Review on the impact of using eggshell powder in concrete to accelerate the hydration process of cement paste	Prof.V.A Patil	GIS science journal	2023	ISSN: 1869-9391	https://gisscience.net/volume-10-issue-6-2023/

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Doctorate Publications

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SOIL STABILIZATION BY USING HIGHLY VOLCANIZED RUBBER SHEET: A REVIEW

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Abstract— The road networks in India span an extensive 59, 03,293 km, making them a crucial aspect of the country's infrastructure. To improve road construction methods, a project has been proposed to replace the conventional base course of Water Bound Macadam (WBM) roads with rubber and steel stacked mats. India generates over 1 million tonnes of rubber tire waste annually, with approximately 60% of it being recycled. Additionally, about 15 million tonnes of rubber tyre waste is produced in the country. The choice of rubber and steel for the mats is based on their desirable properties: rubber provides flexibility, while steel offers high strength to bear the load from the road surface.

The methodology involves creating the mats by combining rubber and steel back-to-back, with grooves at regular intervals for rolling. These prepared mats are then placed over the sub base course and rolled. To increase the soil's density and bearing capacity, holes are made in the mats, allowing soil particles to fill them when the mats are inserted into the ground. Fine courses are subsequently dumped and rolled over the mats. The mats used in this approach are easily transportable as they can be rolled up. Moreover, by employing this mat system, the compaction period for the base course can be eliminated. It is important to note that this proposed methodology is specifically intended for Water Bound Macadam roads. By adopting this approach, the overall time required for road construction is reduced, waste tires are effectively recycled, and the overall project cost is minimized. The end result is an efficient road that can be constructed within a shorter timeframe.

Keywords— Soil Stabilization, Highly volcanized rubber sheet, Construction technique.

INTRODUCTION

Soil modification plays a significant role in achieving the desired soil properties for construction purposes. Soil modification involves altering or improving the properties of the soil to make it more suitable for construction work. Various techniques and methods are employed to modify soil, depending

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"Use of plastic in bitumen for construction of road"

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Abstract: The use of plastic in bitumen will allow for the utilization of waste plastic materials it increase the quality of road in this cases plastic bitumen can reduce the overall cost of the project since plastic bitumen can increase the life of road & reduce the long term maintenance requirement it should provide long term cost saving to the agency when the proper use of plastic bitumen in construction of road. In this project we have to increase the concentration of plastic & to decrease concentration of bitumen by taking different concentration ratio of plastic & bitumen. We have to design the module of plastic bitumen blend which have all the standard properties of the regular bitumen by taking different test like flash fire point, penetration etc, on plastic bitumen blend.

Keywords: - plastic, bitumen, plastic bitumen blend

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Plastic is everywhere in world. In every industry the plastic are used as a main component like packing material in building construction, in making toys etc. Also in automobile industry the plastic materials are widely used in all over the world. Now a days the plastic is widely used in a plastic bottles, used for mineral water packing, cold rinks storage, detergent storage etc. After use of that bottles for one time purpose the are thrown here and there. And that creates pollution. By using these plastic bottles in bitumen we can increase the strength of the road. If the plastic is added in proper prepo rtion in to the bitumen the life span of road would be increase. It can save money and also protects the environment. In various countries the plastic is used in a road construction.The proper use of these materials can help for build a economical road. The maximum proportion of plastic in plastic bitumen blend can help strong and durable road.

II. OBJECTIVES

1. To reduce the quantity of bituminous and to increase the quantity of plastic in construction of flexible pavement.

2.To increase the life span of road.

3.To reduce the overall cost of road.

4. To test the bitumen and modified blend

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"UTILIZATION OF PLASTIC WASTE IN PAVING BLOCKS"

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Abstract--A large number of plastic wastes have been collected from several places such as tourist and public places etc.. High density polyethylene bags are collected, cleaned, and used as a replacement for cement in the manufacturing of Paver Blocks. Plastic waste is available in large quantity and hence the cost factor comes down. when we having waste plastic then we can use as reuse, recycle and reduce. Be mindful of what you do, pay attention to the items you buy, and always check yourself to see if you need it or if it comes in a package with less waste

Keywords—Paver block, Plastic waste, Ceramic Waste, Compressive Strength

INTRODUCTION

Plastic is evil. You can hardly do away with it. Every day we use plastic in daily lifestyle that is Garbage, coffee cup, electronic material, plastic bags Etc. so plastic is very harmful to humans, animals, marine and as well as to environment. But where is all the plastic going? It would be startling to note that billions of tons of plastic are ending up in the world's oceans. Pollution caused by plastic is not only harmful to marine life but is also affecting the health of humans. The harmful chemicals like PCBs, DDT, and PAH, which get absorbed in the plastic debris that floats in the seawater, have a varied and harmful range of chronic effects like endocrine disorders. The toxins are transferred in the food chain as they get absorbed in the animals' bodies after they eat the plastic pieces. Human beings consume these contaminated fish and mammals. Plastic pollution is affecting the global economy. It is destroying the fishing and aquaculture industries. Plastic is mostly produced by household, tourism and trekking etc. In many countries, the composition of Waste is different, that it is affected by the socioeconomic characters, waste management programs, and consumption patterns, but generally, the level of plastic in the waste composition is high. One of the largest components of plastic waste is polyethylene which is followed by polypropylene.

Definition of Plastic-Looking to the global issue of environmental pollution by post-consumer plastic waste, research efforts have been focused on consuming this waste on a massive scale in an efficient and environmentally friendly manner. Plastic contains in solid as well as in finished state.

GENERATION - India generates [illegible]6 million metric tons of plastic waste annually, with Delhi generating the most of it municipality at 689.5 metric tons every day, according to a report from the Central Pollution Control Board (CPCB). CPCB submitted the report to the Indian Supreme Court, which said: "We are sitting on a plastic time bomb."

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REVIEW ON THE IMPACT OF USING EGGSHELL POWDER IN CONCRETE TO ACCELERATE
THE HYDRATION PROCESS OF CEMENT PASTE

Authored by

Dr. Jagdish Lambe

From

[illegible] College of Engineering, [illegible]

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Doctorate Publications

[illegible] – June 2023 An [illegible] Skills Oriented Research Archive
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Cracks In Construction Causes Prevention And Repair

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ABSTRACT

In this paper, we have discussed about the problem of crack development in construction and what preventive measures should be taken along with the techniques to repair the cracks. Cracks in construction pose a significant challenge in maintaining the structural integrity and durability of buildings and infrastructure. This abstract provides an overview of the causes, prevention measures, and repair techniques related to cracks in construction. Understanding the underlying factors that contribute to crack formation, implementing preventive strategies, and employing appropriate repair methods are essential for ensuring the long-term stability and safety of constructed assets. Cracking is a common problem in concrete structure in real life services. We all want to have a building which structurally safe and beautiful but it is not so easy because of natural calamity, soil failure, construction faults and improper design causing to develop cracks on the building. So, it is important to understand the types of cracks and their causes and the preventive measures to be taken to control the cracks.

Key words: Cracks, Causes of cracking, Preventive measures, Techniques etc.

INTRODUCTION

Cracks in a building is a universal problem in the world. Cracks in construction are a common occurrence and can be found in various structures, ranging from buildings and bridges to roads and dams. They are a result of stress, movement, or settling within the construction materials, leading to the formation of visible openings or fractures on the surface. While some cracks may be minor and harmless, others can indicate significant structural issues that require immediate attention and repair. Understanding the causes, types, and implications of cracks in construction is crucial for engineers, architects, contractors, and anyone involved in the building industry. By recognizing and addressing cracks early on, potential safety hazards and costly repairs can be minimized. The first and most common reason of cracks development in the stress such as dead load, live load, wind load and foundation settlement. Cracks affects the safety of structure and reduces the durability of structure. Cracks are generally divided into two parts. There are structural cracks and Non-stuctural cracks.

[illegible]

[illegible]

PROJECT MANAGEMENT IN CONSTRUCTION BY [illegible] PRIMAVERA P6 [illegible]

JADHAV PRANJALI PRAKASH, JAGTAP KARUNA PRAKASH, [illegible]
SANTOSH, [illegible]

[illegible]

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ABSTRACT

The construction industry is an integral and developing part of nation's infrastructure and industrial growth. In the construction sector, construction manager has to deal with lots of challenges regarding time management and its limitations. Primavera P6 is one of the software which is used for the management of construction activities. In this project, we carried out planning, scheduling, controlling, resource allocation and time management by primavera p6 software for mivan construction.

Primavera software has been use because of it use for large projects and fives comparable and [illegible] project plans to simulate the adjustments. The wide acceptance of this software, especially in industries of developing cities has made the project managers to easily handle the large projects effectively. Effective time planning is very important in determining the success of any project, poor planning and controlling of project will causes delay. To overcome this time running problem analysis can be done by using the primavera p6 software. This software gives better quality of construction management and [illegible] results.

Keywords: [illegible] resource allocation [illegible]

INTRODUCTION

[illegible] construction project with large budget it becomes very difficult for the project team [illegible] effectively. In today's world great importance [illegible]

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"UTILIZATION OF PLASTIC WASTE IN PAVING BLOCKS"

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Abstract--A large number of plastic wastes have been collected from several places such as tourist and public places etc., High density polyethylene bags are collected, cleaned, and used as a replacement for cement in the manufacturing of Paver Blocks. Plastic waste is available in large quantity and hence the cost factor comes down. when we having waste plastic then we can use as reuse, recycle and reduce. Be mindful of what you do, pay attention to the items you buy, and always check yourself to see if you need it or if it comes in a package with less waste

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INTRODUCTION

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DoctoratePublications

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(ISBN : [illegible])

"Use of plastic in bitumen for construction of road"

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Abstract: The use of plastic in bitumen will allow for the utilization of waste plastic materials it increase the quality of road in this cases plastic bitumen can reduce the overall cost of the project since plastic bitumen can increase the life of road & reduce the long term maintenance requirement it should provide long term cost saving to the agency when.the.proper use of plastic bitumen in construction of road. In this project we have to increase the concentration of plastic & to decrease concentration of bitumen by taking different concentration ratio of plastic & bitumen. We have to design the module of plastic bitumen blend which have all the standard properties of the regular bitumen by taking different test like flash fire point, penetration etc, on plastic bitumen blend.

Keywords: - plastic, bitumen, plastic bitumen blend

I. INTRODUCTION

Plastic is everywhere in world. In every industry the plastic are used as a main component like packing material in building construction, in making toys etc. Also in automobile industry the plastic materials are widely used in all over the world. Now a days the plastic is widely used in a plastic bottles, used for mineral water packing, cold rinks storage, detergent storage etc. After use of that bottles for one time purpose the are thrown here and there. And that creates pollution. By using these plastic bottles in bitumen we can increase the strength of the road. If the plastic is added in proper proportion in to the bitumen the life span of road would be increase. It can save money and also protects the environment. In various countries the,plastic is used in a road construction.The proper use of these materials can help for build a economical road. The maximum proportion of plastic in plastic bitumen blend can help strong and durable road.

II. OBJECTIVES

1. To reduce the quantity of bituminous and to increase the quantity of plastic in construction of flexible pavement.

2.To increase the life span of road.

3.To reduce the overall cost of road.

4. To test the bitumen and modified bind.

DoctoratePublications

11th WCSEM - June 2023 [illegible]

Design Of Slope Stabilization Scheme [illegible]

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Abstract—This report focuses on prevention of landslide by slope stabilization. Landslides are a serious geological hazard caused when masses of rock, earth and debris flow down a steep slope during period intense rainfall. The western Ghat of India is subjected to many landslides every year. The material may move by falling, toppling, sliding, spreading, or flowing. Some landslides are rapid: occurring in seconds, whereas some may take hours. This report aims to stabilize the slope in Jotiba hill region. We conducted various field tests and some lab tests on the sample collected from the site. From the results obtained we analyzed the data by using slide software to find stability of the slope. From the software analysis it is found that Reprofiling and Reprofiling plus soil nailing these two solutions for slope stabilization. The main purpose of this exercise is to achieve safety as well as economy at a same time for better prevention of landslides.

Keywords—Landslide, Slide software, Reprofiling, Soil Nailing.

INTRODUCTION

The study is about to provide various slope stabilization schemes for landslide prevention. Landslides causes the severe loss of life and economy. In recent years Maharashtra has witnessed various landslides like Malin village in Pune district, Taliye village in Raigadh district and many others. These landslides caused loss of lives of hundreds of people. These landslides mostly occurred in rainy season because of additional water pressure. Hence rainy season becomes scary for various villages. To prevent these types of disasters we need a proper solution which should be economical as well. Government provides various preventive measures to these villages. Some villages got rehabilitated. Slope stabilization is done on tendering basis. Various consultancies provide a slope stabilization schemes for these types of sites. Slope stabilization of landslide prone area can result in saving the lives of people. This motivated us to develop a slope stabilization design for a landslide prone area.

[illegible] the basin

[illegible]

The elevation difference between a morphological feature and those around it, such as the height difference between a peak and nearby peaks or between a depression and nearby depressions [illegible] relief (also known as elevation). (WetLand 2020 info). The height difference between the highest and lowest points (the largest difference in height between two [illegible]) in a basin or area is known as the "amplitude of relief" or "local relief" within that basin or area. This study computes watershed values using SRTM data.

Dissection Index

The dissection index, which always ranges between zero (no dissection) and one (vertical cliff at sea shore), is defined as the ratio between a basin's relative relief and absolute relief. Landscape dissection is one of the variables that affects drainage density (Montgomery and Dietrich, 1994). The dissection index value rises during the landform development cycle as a result of differential cutting of the once smooth land surface. (Dayama, 2022) This suggests that more dissection takes place as a result of the imperfections, leading to a plain surface.

Relief Ratio (Rhl)

Total relief of the river basin is the distance from a watershed's highest point to its lowest point. According to (Schumm, 1956)the relief ratio is the ratio of a basin's overall relief to its longest dimension perpendicular to its main drainage line. The value of this research area is 5.19.

Ruggedness Number (RN)

The sum of drainage density and basin relief produces ruggedness number. (Strahler's 1968). The length of the slope and its steepness are combined. These estimations give the Dudhganga watershed a Ruggedness number of 1.16. (Dayama, 2022) Low ruggedness watersheds have inherent structural complexity in respect to relief and drainage density and are less prone to soil erosion.

Maximum Elevation

The basin's greatest height is defined as the watershed's highest point. In accordance with QGIS software, it is 951 meters. (Dayama, 2022)

Elevation at Outlet

The watershed's outlet or the lowest point [illegible] where the [illegible] (Dayama, 2022) It is calculated using the QGIS programmer, and the result is 4[illegible]m

PARAMETERS	RESULTS	FORMULAE	REF.
Stream order	7	Hierarchical Rank	Strahler(1952)
Stream Number (Nu)	715[illegible]	[illegible]	Horton(1945)
Stream Length (Lu) (Km)	5[illegible]7.38	[illegible]	[illegible]
Stream Length Ratio (Lur)	1[illegible].67	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible] Bifurcation [illegible]	[illegible]	[illegible]	[illegible]

[illegible] Publications

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"Biodegradable Material Management at Dr. J.J. Magdum College Of Engineering Campus"

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Abstract— Generation of Solid wastes in general and biodegradable waste in particular is increasing at house hold level over the last two decades. Any material which can be decomposable by the action of microorganisms in a short period of time is called biodegradable. Mostly food waste, vegetable peels and fruit pulp are biodegradable. These materials readily mix with the soil by the action of bacteria. During decomposition, these materials release carbon dioxide, methane, ammonia and hydrogen sulphide into the environment thereby contributes to air pollution. Biodegradable kitchen waste that is collected from residential societies which can be utilized for the benefits of the society.

Biodegradable waste is the waste that can be decomposed and will be broken down into carbon dioxide, water, methane or simple organic molecules by the action of micro-organisms in reasonably less time. Normally biodegradable wastes are food and kitchen waste, manure, agricultural and forestry waste.

Keywords—Biodegradable waste, solid waste

I. INTRODUCTION

Due to scarcity of petroleum and coal it threatens supply of fuel throughout the world also problem of their combustion leads to research in different corners to get access the new sources of energy, like renewable energy resources. Solar energy, wind energy, different thermal and hydro sources of energy, biogas are all renewable energy resources. But biogas is distinct from other renewable energies because of its characteristics of using, controlling and collecting organic wastes and at the same time producing fertilizer and water for use in agricultural irrigation. Biogas does not have any geographical limitations nor does it require advanced technology for producing energy, also it is very simple to use and apply.

Deforestation is a very big problem in developing countries like India, most of the part depends on charcoal and fuelwood for fuel supply which requires cutting of forest. Also, due to deforestation it [illegible]

Kitchen waste is organic material having the high calorific value and nutritive value to microbes, that's why efficiency of methane production can be increased by several order of magnitude as said earlier. It means higher efficiency and size of reactor and cost of biogas production is reduced. Also in most of cities and places, kitchen waste is disposed in landfill or discarded which causes the public

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Study on the impact of textile industry effluents of Ichalkaranji city on the water quality (Water quality of Panchganga River at Ichalkaranji)

Authored by

Sneha P Madnaik

From

Dr J J Magdum College of Engineering Jaysingpur , 416101 Maharashtra (India)

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Editor-in-chief
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This is to certify that

Sneha P Madnaik

have successfully presented the paper entitled

Application of Microsurfacing Technique for Optimizing Maintenance Cost of Rigid Pavements in India

at 2nd International Conference on Smart Sustainable Materials and Technologies (ICSSMT 2023)
organized by CARE College of Engineering, Tiruchirappalli (Trichy), Tamil Nadu, India
30-31, August 2023

Session Chair

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6.1

Dr.J.J.Magdum Trust's

Dr.J.J.Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

List of Subject

Sr. No.	Subject	Class	Assignment / Tutorial
SEM I			
1	Engineering Mathematics-III	S.Y.	Tutorial
2	Surveying-I		Assignment
3	Fluid Mechanics-I		Assignment
4	Strength of Material		Assignment
5	Building Construction & Material		Assignment
6	Water Resources Engineering-I	TY	Assignment
7	Building Planning and Design		Assignment
8	Design of Steel Structure		Assignment
9	Environmental Engineering-I		Assignment
10	Geotechnical Engineering-I		Assignment
11	Open elective – I (Waste Management)		Assignment
12	Quantity Survey & Valuation	B. Tech.	Assignment
13	Earthquake Engineering		Tutorial
14	Design of Concrete Structure-I		Assignment
15	Transportation Engineering-I		Assignment
16	PE-I Solid Waste Management		Tutorial
SEM II			
17	Structural Mechanics	S.Y.	Tutorial
18	Surveying-II		Assignment
19	concrete technology		Assignment
20	Fluid Mechanics II		Assignment
21	Building design and drawing		Assignment
22	Theory of Structures	T.Y.	Tutorial
23	Engineering Management		Assignment
24	Environmental Engineering- II		Assignment
25	Geotechnical Engineering-II		Assignment
26	Soil and water conservation techniques		Assignment
27	Design of concrete structures- II	B. Tech.	Assignment
28	Water resources engineering - II		Assignment
29	Transportation engineering – II		Assignment
30	Advanced design of concrete structures		Tutorial
31	Construction techniques		Assignment

Dr. J. J. MAGDUM COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
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Dr.J.J.Magdum Trust's

Dr.J.J.Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Engineering Mathematics III (Tutorial)

Tutorial Questions

1. If u □ e^x □ $x \cos y$ □ $y \sin y$□ then determine whether u is harmonic & if it is harmonic & find corresponding analytic function Find the curve of the best fit of the type y □ aebx to the following data by the method of least square.

   x – 1,5,7,9,12

   y – 10,15,12,15,21

2. For a certain data the regression equation are 3x+2y=26 and 6x+y=31.Find x,y,and r.

3. Find the best fitting of the type y □ axb to the following data

x— 1,2,3,4,5,6

y— 2,16,54,128,250,432

4. Assume that on the average one telephone number out of 15 called 2 p.m. and 3 p.m. on week days is busy. What is the probability that if 6 randomly selected telephone numbers are called (i) not more than 3 (ii) at

   least 3 of them will be busy

5. If the probability that an individual suffers a bad reaction from a certain injection is 0.001, determine the probability that out of 2000 individuals

   (i) exactly 3 (ii) more than 2 will suffer a bad reaction

15. In an intelligence test administered on 1000 children the average was 42 and

    S.D. was 24 Find the number of children exceeding a score 50 and Number of children lying between 30 and 40

16. In a large institution 2.28% of employees receive income below Rs.4500

P.M. and 15.87% of employees receive income above Rs 7500P.M. Assuming that the income follows normal distribution. Find the mean and S.D. of the distribution

17. The overall percentage of failures in a certain examination is 20. If six candidates appear in the examination, what is the probability that at least

five pass the examination?

18. Assume that on the average one telephone number out of 15 called 2 p.m. and 3 p.m. on week days is busy. What is the probability that if 6 randomly selected telephone numbers are called (i) not more than 3 (ii) at

least 3 of them will be busy

19. □

Evaluate $\square e^{\square 3t} t \cos t \, dt$

0

20. If $u \square e^{x} \square x \cos y \square y \sin y \square$ then determine whether u is harmonic & if it is harmonic & find corresponding analytic function.

Dr.J.J.Magdum Trust's

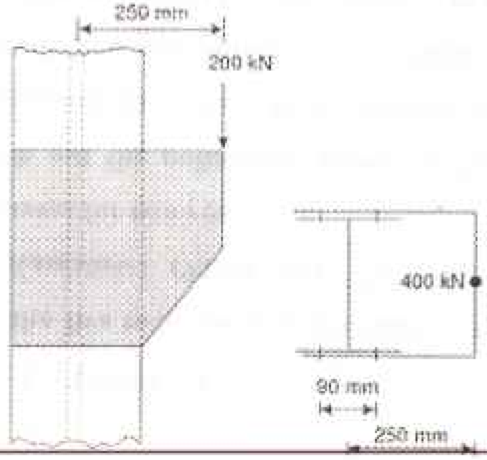
Dr.J.J.Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Design of Steel Structure (Assignment)

Assignment Questions

1. Differentiate between working stress methods & limit state method.
2. Plate bracket carrying a load of 150kN at an eccentricity of 100mm is connected to the flange of steel I-section. Determine size of fillet weld. The depth of bracket is 300mm at member face . The weld is applied on both the sides of bracket.
3. Design welded connection for an angle 75 x 75 x 8 carrying an axial tensile load of 100Kn connected to one side of gusset plate 8mm thick.
4. Design a bolted bracket connection to support an end reaction of 400kN because of the factored loads supported by the beam. The eccentricity of the end reaction is shown in the figure. The steel used is of grade Fe410. Use bolts of grade 4.6. The thickness of bracket plate may be taken as 10mm



(a) Front view (b) Plan

5. Design a tension member to carry factored load of 500kN by LSM consisting of pair of unequal angles back to back connected to opposite side of gusset plate by weld. Design connections & draw neat sketch.
6. Explain step by step procedure to be followed in the design of tension member.
7. Find out design strength of angle 100 x 100 x 10 connected to gusset plate 12mm thick through 100mm long leg using M20 bolt of class 4.6. The yield & ultimate strength of steel are E250 & 420MPa.
8. Explain step by step procedure to be followed in the design of Compression member

9. Calculate safe compressive load carrying capacity of double angle discontinuous strut composed of 2ISA 80 x 50 x 6 with long leg connected back to back on either side of gusset plate 10mm thick. The length of strut between c/c of intersection is3m & tacking done.
10. Design a single unequal angle strut to carry a load of 90 kN. The angle is connected by its longer leg to 8 mm thick gusset plate. The effective length of the member is 2.5 m. Also design the plate bolted end connections.
11. Design the base for column carrying compressive load 500kN with an eccentricity of 30mm from column centre line along minor axis (y-y axis).The section of column is 300 ISHB. Draw neat sketch showing all connection details work out in design.
12. What are the types of column bases provided for steel structures?
13. Design a column to carry axial compression of 1400kN & having a length of 6m.It is effectively held in position at both ends , but restrained against rotation. Design built-up section by using two channel sections.
14. Design a slab base for a steel column ISMB 350 having width of flange 250 mm and carrying an axial compressive load of 1000 kN. If permissible compressive stress in concrete is 4 MPa& permissible bending stress in base plate is 185 MPa Take bearing capacity of soil = 300kN/m2
15. Design a suitable moment resisting base for a column subjected to an axial load of 360 kN and moment of 130 kNm. The column section is ISHB 400 @ 822 N/m. Safe bearing pressure in concrete is 4000kN/m2.
16. Differentiate between Laterally restrained beam & Laterally unrestrained with neat sketch.
17. Design laterally restrained beam having effective span of 4m subjected to UDL of 15kN/m including self-weight& point load 10kN at mid-point vertically downwards. Take check for deflection & shear.
18. Design laterally restrained beam having effective span of 4m subjected to UDL of 10kN/m including self-weight& point load 20kN at mid-point vertically downwards. Take check for deflection & shear
19. The roof of a hall of 12mx8m consists of a RC slab 100mm thick. And a 50mm floor finish. The slab is supported on steel beams spaced at 3m Centre to center. The live load on the slab is 2KN/sqm . Design an intermediate steel beam I section. Assume that the slab provides adequate lateral restraint to the compression flange of the steel beam.

20. Draw the neat sketch of crane system with all components.

21. Design a simply supported gantry girder of 6m effective span to carry two cranes of the capacity of 100kn each working in tandem. The weight of each crane excluding the crab is 150KN and weight of each crab is 20KN. The weight od the rail is 300N/m. The minimum approach of the crane hook is 1.0m. The wheel base is 3.8m. The height of rail is 75mm.Assume that the gantry girder is laterally unsupported. The expected number of stress cycles = $2X10^6$

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Department of Civil Engineering

Tutorial Question (Earthquake Engineering)

1. Discuss the behavior of the following masonry walls in seismic regions. (i) Unreinforced masonry wall(ii) Reinforced Masonry wall(iii) Infill masonry wall.

2. Draw the detailed sketch of (i) Different ways of beam jacketing as IS code and(ii) Placing of vertical bars and closed ties in columns as per IS code.

3. With detail sketch explain the essential requirements to ensure box action in a masonry building

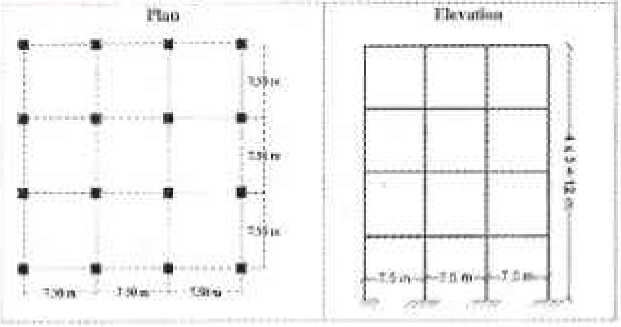
4. Explain failures of masonry structures observed in past earthquakes & how will you improve performance of masonry building.
5. Earthquake resisting features of unreinforced brick masonry structure
6. What is jacketing? Explain the jacketing of beams and column with Illustrative sketches
7. Define RC band? At what level in a masonry building would you provide them? Why?
8. Write a brief note on strengthening of masonry walls?
9. Describe briefly with neat sketches: 1)Stud Wall Construction 2)Timber Shear Panel Construction
10. Describe the construction procedure and precautions to be taken for brick- nogged timber frame construction
11. What is the influence of opening in masonrybuilding?
12. Differentiate (i) Seismograph Vs Seismogram (ii) S wave & Love wave (iii) center of mass & center of stiffness
13. An earthquake causes an average of 2.6 m strike-slip displacement over a 75 km long, 22 km deep portion of a transformed fault. Assuming the average rupture strength along the fault as 180 KPa, estimate the seismic moment and moment magnitude of the earthquake
14. Differentiate (i) Seismograph Vs Seismogram (ii) S wave & Love wave (iii) center of mass & center of stiffness
15. An earthquake causes an average of 2.6 m strike-slip displacement over a 75 km long, 22 km deep portion of a transformed fault. Assuming the average rupture strength along the fault as 180 KPa, estimate the seismic moment and moment magnitude of the earthquake

16. Draw the response graph of undamped free vibration SDOF system. Hence explain initial displacement, initial velocity, period and amplitude.
17. Derive the equation of motion and its solution for forced undamped 07 vibration system.
18. A SDOF vibrating system is having following parameters.m = 200 kg, k = 160

N/m, c = 40 N – sec / m. Determine (i) the damping factor (ii) the natural frequency of damped vibration (iii) logarithmic decrement (iv) the ratio of two successive amplitudes & (v) the number of cycles after which the original amplitude is reduced to 50%.

19. Plan and elevation of a four-storey reinforced concrete office building is shown in Fig. 1.1. The details of the building are as follows. Number of Storey = 4 Zone = III

    Live Load = 3 kN/m2 Columns
    = 450 x 450 mm
    Beams = 250 x 400 mm Thickness of
    Slab = 150 mm Thickness of Wall =
    120 mm Importance factor = 1.0
    Structure type = OMRF Building
    Determine design seismic lateral load and storey shear force distribution.



20. Philosophy of Earthquake Resistant Design. Give four virtue of good earthquake resistant design
21. Effect of structural irregularities on the performance of RC building during earthquake

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Department of Civil Engineering

Assignment (Concrete Technology)

Assignment No 1

1. Describe effect of impurities in water on properties of concrete.
2. Describe the procedure for determining standard consistency of cement.
3. Enlist the types of cement. Explain suitability of any three types.
4. Explain the role of aggregates in concrete. State the requirements of good aggregate.
5. Explain heat of hydration and its importance in setting time.
6. Enlist physical properties of cement. Explain setting time with neat sketch.
7. Enlist physical properties of aggregate. Explain any two.

Assignment No 2

8. Define placing of concrete and explain different methods of placing of concrete.
9. Differentiate slump test and compaction factor test to determine workability of concrete.
10. Explain importance of compaction of concrete. Explain methods of compaction.
11. What is segregation and bleeding? Explain their importance in concrete.
12. Explain any two methods, equipments and advantages of transportation of concrete.
13. Explain the steps of manufacturing of concrete. Explain any one.
14. Define workability. Explain factors affecting workability.
15. Enlist methods to measure workability of concrete. Explain procedure of any one.

Assignment no 4

16. Explain the factors affecting strength of concrete.
17. What is shrinkage of concrete? Explain types of shrinkage.
18. Explain modulus elasticity of concrete with neat sketch.
19. Explain creep of concrete in detail with neat sketch.
20. Explain the relation between the strength and water cement ration of concrete.
21. Explain characteristic strength, compressive strength and flexural strength of concrete.
22. Explain gelspace ratio.
23. Which are the factors affecting creep and shrinkage of concrete.
24. Explain NDT check concrete strength.

Assignment no 5

25. Explain the condition where following admixtures are used:
    a. Superplasticizer
    b. Accelerator
    c. Fly ash
    d. Silica flumes
26. Enlist various admixtures used in concrete. Explain any two.
27. Explain the effect of chemical admixture on fresh concrete.
28. Explain use of fly ash and metakaolin in fresh concrete with their advantages.

29. Explain action of plasticizer.

Assignment no 6

30. Write a short note on
    a. Hot weather concreting
    b. High performance concrete
    c. PQC
    d. High density concrete
    e. Cold weather concrete
    f. High strength
    g. rete
    h. Ferrocement
    i. Vaccum dewatered concrete
    j. Roller compacted concrete
31. Explain how permeability affects the durability of concrete. Explain the factors affecting permeability of concrete.
32. Explain factors affecting durability of concrete? Why durability of concrete is important?
33. Explain the effect of W/C ratio on durability and permeability of concrete.
34. Explain the importance of minimum and maximum cement content on durability?
35. Explain causes of corrosion and remedial measure.

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Department of Civil Engineering

Tutorial (Theory of Structure)

A) Explain in brief Degree of Kinematic & Static Indeterminacy

B) A propped cantilever beam AB, fixed at A and simply supported at B,L m long, is subjected to a udl of w kN/m throughout its length. Analyze the beam, draw SFD. Use Consistent Deformation method. Take EI constant

C) Fixed Beam AB ,10m span is subjected toto point Load P=20 KN at its centre ,Analyse the beam RB & Mb are redundant draw SFD &BMD. Use Consistent Deformation method. Take EI constant.

D) Difference between Determinate Structure and indeterminate Structure .

E) Explain in brief Degree of Kinematic & Static Inderminacy

A two span continuous beam ABC has span AB of 6 m and Span BC of 4 m. End A is fixed while end C of the beam is simply supported. Span AB carries through u.d.l of 20 KN/m and BC carries central point load 40kN.Span AB has its inertia double that of span BC. Analyse the beam using slope deflection method. Draw BMD.

Analyze the two span continuous beam ABC in which AB=BC=4m, is fixed at A and C simply supported at B. UDL of 20kN/m is placed throughout. Use three moment theorem. Draw BMD. Take EI= 10^4kN/m^2.

Analyze the continuous beam ABCD, simply supported at A, B, C and D, with span AB = 4m (2EI), BC = 3m (1.5EI) and CD = 3m (EI). Span AB is subjected to udl of 4kN/m throughout, span BC to a central anti-clockwise couple of 15kNm and span CD supports a central point load of 10kN. Draw BMD for the beam. Also determine the bending moment anywhere in the beam.

Using slope Deflection Equation

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a) State & Prove Claperyon theorem of three moment equation in general with varying M.I & level difference between the supports.
b) Explain non sway type of portal frame with diagram

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Department of Civil Engineering

Assignment (Water Resources Engineering II)

Chapter 1:

1. Explain with a neat sketch different storage zones in a reservoir.

2. Define and explain; Dead Storage, Live Storage, Carryover Allowance, Full Reservoir Level, Highest Flood Level

3. What is silting of reservoirs? What factors influence it?

4. Explain in detail the components and functions of Earthen dams

5. Describe in detail the design criteria for an Earthen Dam.

6. Describe in detail the component parts of the Earthen dam. Draw its neat sketch. Explain their functions.

7. Describe in detail the design criteria for an Earthen Dam.

8. Describe in detail modes of failures in Earthen dams. Explain hydraulic failure in detail.

9. Describe with a neat sketch the phreatic line in earthen dam and give its characteristics.

10. Enlist the types of dams with neat sketches. Explain their suitability.

11. Which investigations are required for reservoir planning? Explain them in detail.

12. Describe the Indian Standard norms for fixing the control levels of a dam.

13. Explain the important points that govern the selection of site for concrete dam.

14. Describe area capacity curve in detail with its importance in reservoir planning

Chapter 2:

1. Explain in detail various forces acting on a dam

2. Define and describe in detail with a neat sketch the elementary profile and practical profile of a gravity dam.

3. Discuss step by step the analytical procedure that you will adopt for analyzing the stability of gravity dam.

4. Discuss the Instrumentation in dams and need for the same

5. Discuss the Instrumentation in dams and need for the same

Chapter 3:

1. Describe selection criteria of spillways.

2. What are the essential requirements of the spillway? How would you select a suitable site for the spillway?

3. Classify the spillways. Describe any one in detail.

4. Enlist various types of spillways and explain chute spillway in detail.

Chapter 4:
1. Write down about the components of Diversion Head Work
2. Note down the causes of failure of weirs on permeable foundation.
3. Explain Bligh's creep theory in detail.
4. What do you know by piping in hydraulic structures? What are its ill effects?
5. Define exit gradient. Explain its significance. How would you compute it?

Chapter 5:
1. Discuss the losses in canal
2. Classify different types of canal.
3. Compare between Kennedy's and Lacey's Theory
4. Discuss in detail selection criteria for canal lining
5. Write a note on CD work admitting drainage water into canal
6. Differentiate between aqueduct and super passage with their neat sketches
7. Explain various types of Canal falls
8. Explain Head and Cross Regulatory work with functions

Chapter 6 :
1. What are various stages of river? Give salient features of each stage.
2. Write in detail about Meandering- causes, factors controlling process and features.
3. ~~What are the objectives of river training works? Explain any one river training work.~~
4. Describe the function of guide bank and explain about its length of waterway, length of guide bank and ,radius of curved heads.
5. Discuss groynes and it's types
6. Explain the interlinking of rivers in detail.
7. Write a note on need of Interlinking of Rivers
8. Explain National Perspective Plan
9. Describe the superiority of hydropower on thermal power. {advantages of hydropower}
10. Enlist the component parts of hydropower station. Describe how electricity is generated
11. Explain the major components of Hydro Power Plant
12. Explain various types of surge tanks

Dr J J Magdum College of Engineering, Jaysingpur
Department of Civil Engineering
ERP report(A.Y. 2022-23)

Sr No.	Name of faculty	Class	Subject	Sem
1	Dr.D B Desai	B.Tech(A,B)	QSV	Odd
			CP	Even
2	Dr J S lambe	B.Tech(A,B)	SWM	Odd
		TY	GT II	Even
3	Prof A S Sajane	SY	SUR I	Odd
			SUR II	Even
4	Prof K G Ghodake	B.Tech(A,B)	DCS I	Odd
			DCS II	Even
5	Prof A P Chougule	B.Tech(A,B)	TRE I	Odd
			TRE II	Even
6	Prof S S Khot	TY	WRE I	Odd
		B.Tech(A,B)	WRE II	Even
7	Prof D A Latthe	TY	EE I, OE I	Odd
			EEII, OE II	Even
8	Prof S P Madnaik	TY	GT I	Odd
		SY	CT	Even
9	Prof VA Patil	SY	FM I	Odd
			FM II	Even
10	Prof V K Wandre	SY, TY	NM,TOS	Odd
		TY	DSS	Even
11	Prof S V mane	SY	SM	Odd
		SY	SM	Even

DEPARTMENT OF CIVIL ENGINEERING

Dr. J. J. Magdum College of Engineering

Civil Engineering [2022-23]

Course Outcome

Year : Final Year - BE- Sem VII- Div A

Subject : Design of Concrete Structures-I(Theory | Regular)

Course Code : PCC-CV701

Sr. No.	CO Id	Course Outcome	PO/PSO	Cognitive Levels	Knowledge Categories	CO linking	Added By
1	CO1	Understand the meaning of design of concrete structures.	PO1	Understand	Conceptual	View	KIRAN GHODAKE
2	CO2	Understand the basic data (Basic Mechanics, Mathematics, and structural analysis) required for design of concrete structures	PO2	Understand	Conceptual	View	KIRAN GHODAKE
3	CO3	Understand the design process of concrete structure	PO4	Understand	Conceptual	View	KIRAN GHODAKE
4	CO4	Understand the various methods for design of concrete structures	PO6	Understand	Conceptual	View	KIRAN GHODAKE
5	CO5	Understand the concept of limit State method of design	PO12	Understand	Conceptual, Procedural	View	KIRAN GHODAKE
6	CO6	Understand the application of limit state method for structural element such as footing, column, beam slab, staircase	PO2	Understand, Apply	Conceptual, Procedural	View	KIRAN GHODAKE
7	CO7	Understand the knowledge of how to use the codal provision in I.S.456-2000, S.P.16 for design	PO2	Understand	Conceptual, Procedural	View	KIRAN GHODAKE
8	CO8	Understand the reinforcement detailing of various structures as per codal provision S.P.34	PO2	Understand	Procedural	View	KIRAN GHODAKE

DEPARTMENT OF CIVIL ENGINEERING

Dr. J. J. Magdum College of Engineering

Stream : Civil Engineering

Questionwise Analysis

Title: Quiz (Geotechnical Engineering I)
Subject: Geotechnical Engineering-I - Theory | Faculty: Sneha Madnaik
Academic Year: 2022-23 | Year: Third Year - TE sem V DIV B | Negative Marking: Not Applicable
Marks: 10 | Date: 2022-12-30 | Duration: 30 minutes
Threshold: 0

SET A

#	Student	The void ratio... [1 Marks]	The water cont... [1 Marks]	The velocity o... [1 Marks]	Which of the f... [1 Marks]	The reduction... [1 Marks]	The assumption... [1 Marks]	The change in ... [1 Marks]	The shear stre... [1 Marks]	Originally, Ra... [1 Marks]	What will be t... [1 Marks]
1	SOURABH BAGADI										
2	DIGVIJAY PATIL	1	1	1	1	1	1	1	1	1	0
3	MEGHA KAMBLE	1	1	1	0	1	1	1	1	1	1
4	SOURABH PATIL	1	1	0	1	1	1	1	1	1	1
5	DIGAMBAR PATIL	1	1	1	1	1	1	1	1	1	1
~~6~~	~~RAKESH KALE~~	~~1~~	~~0~~	~~0~~	~~1~~	~~1~~	~~1~~	~~0~~	~~0~~	~~1~~	~~1~~
7	ZEESHAN PATEL	1	1	1	1	1	1	1	1	1	1
8	ASHISH PATIL	1	1	1	1	1	1	1	1	1	1
9	YOGESH WALAVEKAR	1	1	1	1	1	1	1	1	1	1
10	TEJAS KAMBLE	0	0	0	0	0	0	0	0	0	0
11	URVISH DESAI										
12	NIKHIL MAGDUM	1	1	1	0	1	1	1	1	1	1
13	PRANIT PATIL	1	1	1	1	1	1	1	1	1	1
14	MAHESH INGAVALE	1	1	0	0	0	1	1	0	1	1

DEPARTMENT OF CIVIL ENGINEERING

#	Student	The void ratio… [1 Marks]	The water cont… [1 Marks]	The velocity o… [1 Marks]	Which of the f… [1 Marks]	The reduction… [1 Marks]	The assumption… [1 Marks]	The change in … [1 Marks]	The shear stre… [1 Marks]	Originally, Ra… [1 Marks]	What will be t… [1 Marks]
15	RUTUJA DURGADE	1	1	1	1	1	1	1	0	1	1
16	MRUDULA DURGADE	1	1	1	1	1	1	1	1	1	1
17	OMKAR ERANDOLE	1	1	1	1	1	1	1	1	1	1
18	RAVINDRA DINDE										
19	RUPESH KAMBLE	1	1	1	1	1	1	1	1	1	1
20	SANKET PATIL										
21	AKASH PATIL	1	1	1	1	1	1	1	0	1	1
22	POOJA PATIL	1	1	1	1	1	1	1	1	1	1
23	ATHARV MARVAL										
24	YASH GURAV										
25	IMRAN NADAF										
26	SOURABH PATIL	1	1	1	1	1	1	1	0	1	1
27	RUTURAJ HARALE										
28	PRANIKET KHANDARE										
29	VISHAL MULE										
30	TOUHID NAGARBAVADI										
31	MAKRAND SHINDE										
32	SUJATA LAD	1	1	1	1	1	1	1	1	1	1
33	ABHIJEET NANDAVADEKAR	1	1	1	1	1	1	1	0	1	1
34	VAIBHAV PATIL										
35	SAKSHI REVADE										

Dr. J. J. MAGADUM COLLEGE OF ENGINEERING
DEPARTMENT OF
JAYSINGPUR - 416 101

#	Student	The void ratio… [1 Marks]	The water cont… [1 Marks]	The velocity o… [1 Marks]	Which of the f… [1 Marks]	The reduction… [1 Marks]	The assumption… [1 Marks]	The change in … [1 Marks]	?e ?ear ?re… ?arks]	Originally, Ra… [1 Marks]	What will be t… [1 Marks]
36	RUSHIKESH PATIL										
37	CHAITANYA NAIK										
38	PARTH KAVATHEKAR										
39	SAKSHI PATIL	1	1	1	1	1	1	1	0	1	1
40	SANGRAM KADAM										
41	KAMRAN SAYYAD	1	1	1	0	1	1	1	1	1	1
42	YOGESH SUTAR										
43	KIRAN KAMBLE										

	The void ratio…	The water cont…	The velocity o…	Which of the f…	The reduction…	The assumption…	The ch ear i re…	Originally, Ra…	What will be t…
No. of student(s) attempted question	23	23	23	23	23	23	3	23	23
No. of student(s) above threshold	22	21	19	18	21	22	5	22	21
Linked Course Outcome	CO1	CO1	CO2	CO2	CO3	CO4	CO5	CO6	CO6
Attainment	0	0	0	0	0	0	0	0	0

Course Outcome	CO1	CO2	CO3	CO5	CO6
Final Attainment	0.00	0.00	0.00	0.00	0.00

Dr. J. J. MAGA EERING JAY

PUBLISH

Dr. J. J. Magdum College of Engineering

Civil Engineering (Academic Year - 2022-23)
Water Resource Engineering-I (Theory) [TE sem V DIV B]

Attendance Report

Serial No.	Roll No.	First Name	Last Name	Total Sessions	Total Updated Sessions	Present	Absent	Attendance(%)	Additional	Improved %
1	101	Sourabh	Bagadi	37	27	0	27	0	0	
2	102	Digvijay	Patil	37	27	8	19	30	0	30
3	103	Megha	Kamble	37	27	7	20	26	0	26
4	104	Sourabh	Patil	37	27	6	21	22	0	22
5	105	Digambar	Patil	37	27	1	26	4	0	4
6	106	Rakesh	Kale	37	27	6	21	22	0	22
7	107	Zeeshan	Patel	37	27	12	15	44	0	44
8	108	Ashish	Patil	37	27	0	27	0	0	
9	109	Yogesh	Walavekar	37	27	0	27	0	0	
10	110	Tejas	Kamble	37	27	4	23	15	0	15
11	111	Urvish	Desai	37	27	0	27	0	0	
12	112	Nikhil	Magdum	37	27	6	21	22	0	22
13	113	Pranit	Patil	37	27	10	17	37	0	37
14	114	Mahesh	Ingavale	37	27	0	27	0	0	
15	115	Rutuja	Durgade	37	27	0	27	0	0	
16	116	Mrudula	Durgade	37	27	5	22	19	0	19
17	117	Omkar	Erandole	37	27	4	23	15	0	15
18	118	Ravindra	Dinde	37	27	0	27	0	0	
19	119	Rupesh	Kamble	37	27	1	26	4	0	4
20	120	Sanket	Patil	37	27	4	23	15	0	15
21	121	Akash	Patil	37	27	13	14	48	0	48
22	122	Pooja	Patil	37	27	9	18	33	0	33
23	123	Atharv	Marval	37	27	0	27	0	0	
24	124	Yash	Gurav	37	27	0	27	0	0	
25	125	Imran	Nadaf	37	27	0	27	0	0	
26	126	Sourabh	Patil	37	27	6	21	22	0	22
27	127	Ruturaj	Harale	37	27	0	27	0	0	
28	128	Praniket	Khandare	37	27	1	26	4	0	4
29	129	Vishal	Mule	37	27	0	27	0	0	
30	130	Touhid	Nagarbavadi	37	27	0	27	0	0	
31	131	Makrand	Shinde	37	27	0	27	0	0	
32	132	Sujata	Lad	37	27	3	24	11	0	11
33	133	Abhijeet	Nandavadekar	37	27	9	18	33	0	33
34	134	Vaibhav	Patil	37	27	3	24	11	0	11
35	135	Sakshi	Revade	37	27	0	27	0	0	
36	136	Rushikesh	Patil	37	27	0	27	0	0	
37	137	Chaitanya	Naik	37	27	0	27	0	0	
38	138	Parth	Kavathekar	37	27	0	27	0	0	
39	139	Sakshi	Patil	37	27	14	13	52	0	52
40	140	Sangram	Kadam	37	27	5	22	19	0	19
41	141	Kamran	Sayyad	37	27	5	22	19	0	19
42	142	Yogesh	Sutar	37	27	3	24	11	0	11
43	143	Kiran	Kamble	37	27	13	14	48	0	48

DEPARTMENT
CIVIL ENGINEERING
JAYSINGPUR - 416 101

Dr. J. J. Magdum College of Engineering

Civil Engineering (Academic Year - 2022-23)
Water Resources Engineering-II (Theory) [BE- Sem VII- Div B]

Attendance Report

Serial No.	Roll No.	First Name	Last Name	Total Sessions	Total Updated Sessions	Present	Absent	Attendance(%)	Additional	Improved %
1	101	Rohit	Amanna	27	27	7	20	26	0	26
2	102	Mayur	Awale	27	27	11	16	41	0	41
3	103	Aarti	Bhandare	27	27	7	20	26	0	26
4	104	Vishnu	Biradar	27	27	12	15	44	0	44
5	105	Satyajeet	Chavan	27	27	22	5	81	0	81
6	106	Anmol	Chougule	27	27	1	26	4	0	4
7	107	Apoorv	Desai	27	27	0	27	0	0	
8	108	Milind	Desai	27	27	16	11	59	0	59
9	109	Vinayak	Gadekar	27	27	0	27	0	0	
10	110	Yogesh	Hatekar	27	27	0	27	0	0	
11	111	Sagar	Ingale	27	27	0	27	0	0	
12	112	Nitin	Jagadale	27	27	2	25	7	0	7
13	113	Sonam	Jagatap	27	27	15	12	56	0	56
14	114	Swapnil	Jamdade	27	27	1	26	4	0	4
15	115	Pranav	Kale	27	27	2	25	7	0	7
16	116	Muhammadzaid	Khalipha	27	27	5	22	19	0	19
17	117	Chintamani	Khangutkar	27	27	12	15	44	0	44
18	118	Manthan	Kothalo	27	27	0	27	0	0	
19	119	Aniket	Madane	27	27	0	27	0	0	
20	120	Uday	Madane	27	27	1	26	4	0	4
21	121	Sammed	Magdum	27	27	0	27	0	0	
22	122	Shashikant	Mali	27	27	5	22	19	0	19
23	123	Poonam	Mane	27	27	5	22	19	0	19
24	124	Vrushali	Mane	27	27	12	15	44	0	44
25	125	Sourabh	Medsinge	27	27	12	15	44	0	44
26	126	Fija	Mirza	27	27	2	25	7	0	7
27	127	Namira	Momin	27	27	15	12	56	0	56
28	128	Moien	Nadaf	27	27	3	24	11	0	11
29	129	Aparana	Nanguro	27	27	7	20	26	0	26
30	130	Prathmesh	Patil	27	27	11	16	41	0	41
31	131	Rajesh	Patil	27	27	1	26	4	0	4
32	132	Sourav	Patil	27	27	0	27	0	0	
33	133	Dhanshree	Raut	27	27	9	18	33	0	33
34	134	Prakash	Rode	27	27	10	17	37	0	37
35	135	Abubakar	Shaikh	27	27	2	25	7	0	7
36	136	Dhanashri	Shingade	27	27	8	19	30	0	30
37	137	Maaz	Soudagar	27	27	0	27	0	0	
38	138	Gourang	Suryawanshi	27	27	4	23	15	0	15
39	139	Suraj	Tadse	27	27	5	22	19	0	19
40	140	Chaitnya	Tandale	27	27	3	24	11	0	11
41	141	Dhruv	Waghmare	27	27	1	26	4	0	4
42	142	Mayur	Waghmare	27	27	1	26	4	0	4
43	143	Revati	Waghmare	27	27	8	19	30	0	30
44	144	Suraj	Walekar	27	27	1	26	4	0	4
45	145	Sujitkumar	Kamble	27	27	0	27	0	0	
46	146	Anis	Mulla	27	27	0	27	0	0	
47	147	Srushti	Deshpande	27	27	0	27	0	0	

Serial No.	Roll No.	First Name	Last Name	Total Sessions	Total Updated Sessions	Present	Absent	Attendance(%)	Additional	Improved %
48	148	Amit	Dhansore	27	27	0	27	0	0	

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Learning Method and ICT tools used

Sr. No.	Learning method	ICT tool
1	Class Room Learning	PPTs / Study material
2	Blended Learning	• NPTEL videos, • You tube and other academy videos • Value Added Courses • Google meet, Microsoft Teams for online lectures. • E journal & E books • Open source Library
3	Experiential / Field learning	• Study of software in syllabus • Virtual Labs • Industrial visits • In plant Training • Internship • Augmentation Programs
4	Participative Learning	• Projects • Mini Project • Seminar • STTP/FDP attended • STTP/FDP Organized • Expert / Guest Conducted • Participation in Tech event
5	Problem Solving Methodologies by ICT	• Tutorial • Assignments • Quizzes • ERP Soft ware

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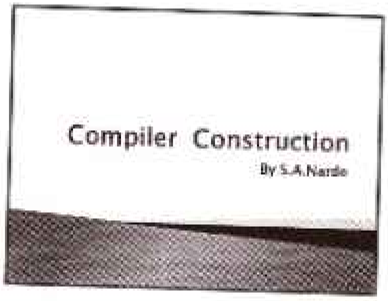
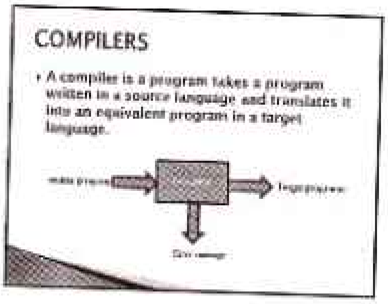


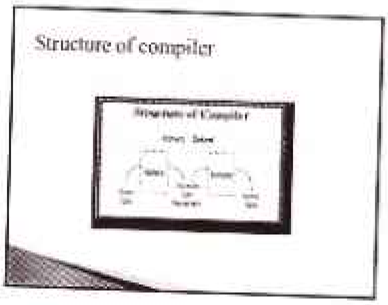
Compiler Construction

By S.A.Nardo

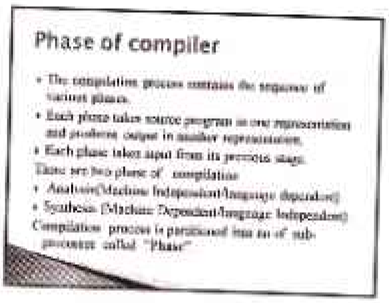


COMPILERS

- A compiler is a program takes a program written in a source language and translates it into an equivalent program in a target language.



Structure of compiler



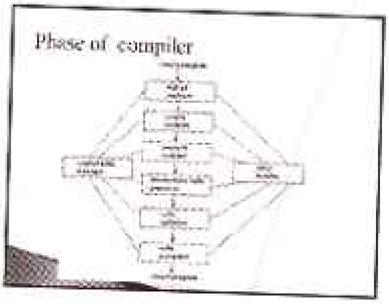
Phase of compiler

- The compilation process contains the sequence of various phases.
- Each phase takes source program in one representation and produces output in another representation.
- Each phase takes input from its previous stage.

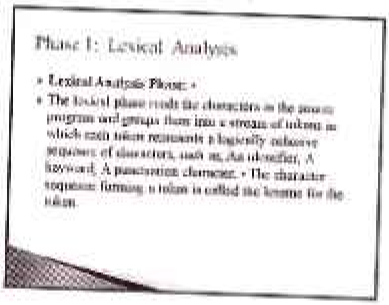
There are two phase of compilation

- Analysis(Machine Independent/language dependent)
- Synthesis (Machine Dependent/language Independent)

Compilation process is partitioned into no of sub-processes called "Phase"

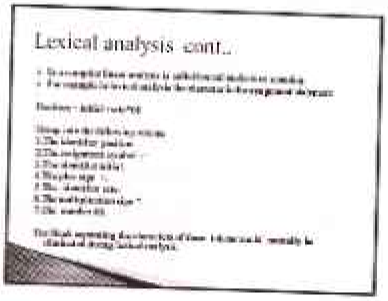


Phase of compiler

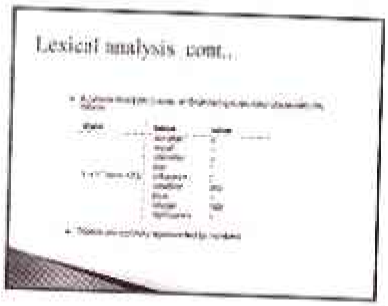


Phase 1: Lexical Analysis

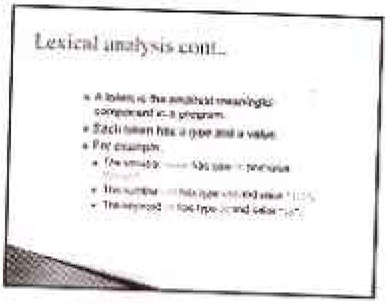
- Lexical Analysis Phase: -
- The lexical phase reads the characters in the source program and groups them into a stream of tokens in which each token represents a logically cohesive sequence of characters, such as, An identifier, A keyword, A punctuation character. - The character sequence forming a token is called the lexeme for the token.



Lexical analysis cont..



Lexical analysis cont..



Lexical analysis cont..

- A token is the smallest meaningful component in a program.
- Each token has a type and a value.
- For example:

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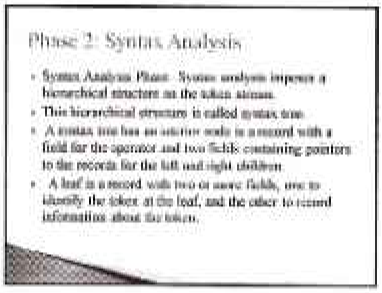
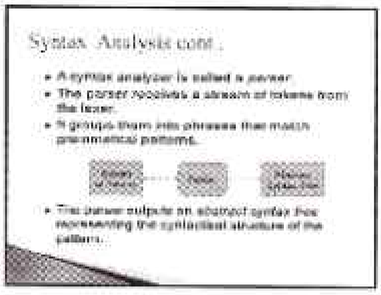


Phase 2: Syntax Analysis

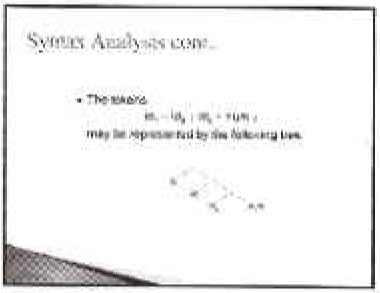
- Syntax Analysis Phase: Syntax analysis imposes a hierarchical structure on the token stream.
- This hierarchical structure is called syntax tree.
- A syntax tree has an interior node is a record with a field for the operator and two fields containing pointers to the records for the left and right children.
- A leaf is a record with two or more fields, one to identify the token at the leaf, and the other to record information about the token.



Syntax Analysis cont..

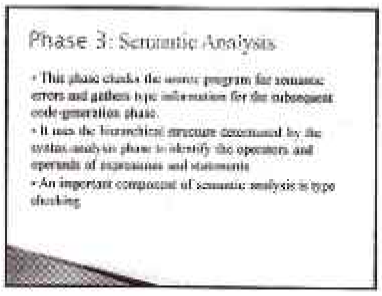
- A syntax analyzer is called a *parser*.
- The parser receives a stream of tokens from the lexer.
- It groups them into phrases that match grammatical patterns.

- The parser outputs an abstract syntax tree representing the syntactical structure of the pattern.



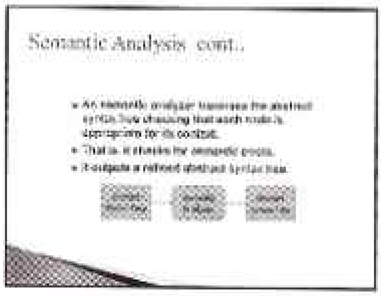
Syntax Analysis cont..

- The tokens
  $id_1 = id_2 + id_3 * num$;
  may be represented by the following tree.



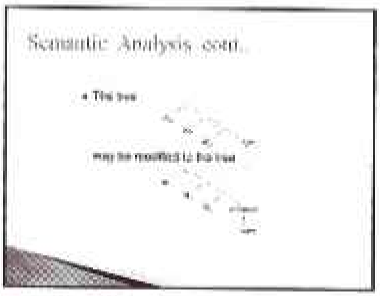
Phase 3: Semantic Analysis

- This phase checks the source program for semantic errors and gathers type information for the subsequent code-generation phase.
- It uses the hierarchical structure determined by the syntax-analysis phase to identify the operators and operands of expressions and statements.
- An important component of semantic analysis is type checking.



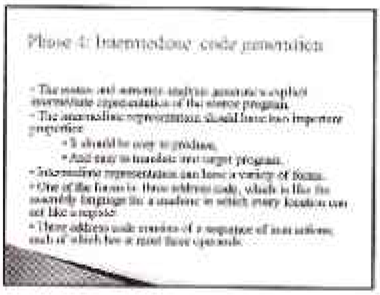
Semantic Analysis cont..

- An semantic analyzer traverses the abstract syntax tree checking that each node is appropriate for its context.
- That is, it checks for semantic errors.
- It outputs a refined abstract syntax tree.



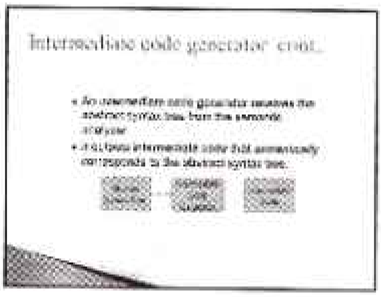
Semantic Analysis cont..

- The tree
  may be modified to the tree



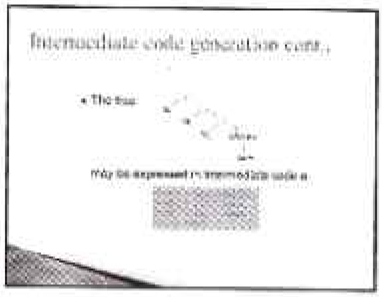
Phase 4: Intermediate code generation

- The syntax and semantic analysis generate a explicit intermediate representation of the source program.
- The intermediate representation should have two important properties:
  - It should be easy to produce,
  - And easy to translate into target program.
- Intermediate representation can have a variety of forms.
- One of the forms is: three address code, which is like the assembly language for a machine in which every location can act like a register.
- Three address code consists of a sequence of instructions, each of which has at most three operands.



Intermediate code generator cont..

- An intermediate code generator receives the abstract syntax tree from the semantic analyzer.
- It outputs intermediate code that semantically corresponds to the abstract syntax tree.



Intermediate code generation cont..

- The tree
  may be expressed in intermediate code as

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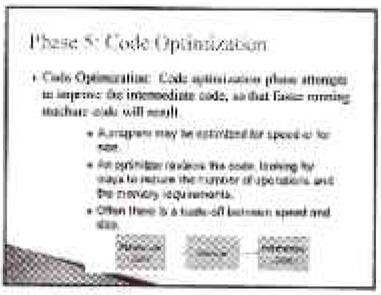
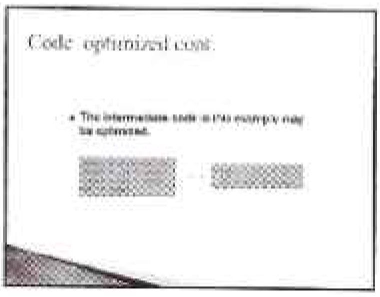
Intermediate code generator cont..

- Intermediate code is code that represents the semantics of a program, but is machine-independent.
- This marks the boundary between the front end and the back end.
- The front end is language-specific and machine-independent.
- The back end is language-independent and machine-specific.



Phase 5: Code Optimization

- Code Optimization: Code optimization phase attempts to improve the intermediate code, so that faster running machine code will result.
  - A program may be optimized for speed or for size.
  - An optimizer reviews the code, looking for ways to reduce the number of operations and the memory requirements.
  - Often there is a trade-off between speed and size.

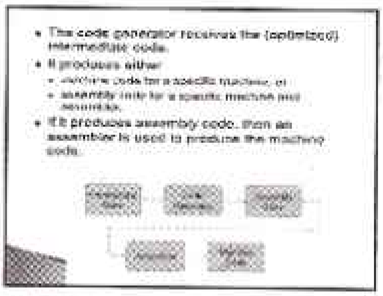


Code optimized cont.

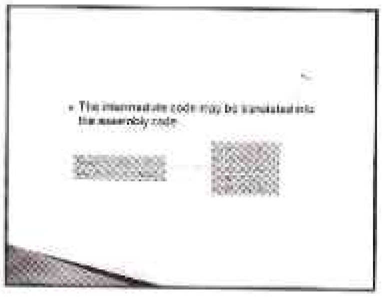
- The intermediate code in this example may be optimized.

Phase 6: Code Generation

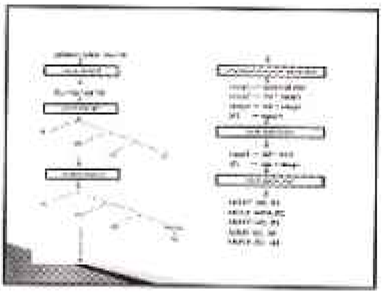
- Code Generation:
- The final phase of the compiler is the generation of target code, consisting normally of re locatable machine code or assembly code.
- Memory locations are selected for each of the variables used by the program.
- Then, the each intermediate instruction is translated into a sequence of machine instructions that perform the same task.



- The code generator receives the (optimized) intermediate code.
- It produces either
  - machine code for a specific machine, or
  - assembly code for a specific machine and assembler.
- If it produces assembly code, then an assembler is used to produce the machine code.



- The intermediate code may be translated into the assembly code.



Symbol Table Management

- Symbol Table Management: Symbol table is a data structure containing a record for each identifier, with fields for the attributes of the identifier.

Record the identifier used in the source program and collect information about the identifier such as,

- its type, (by semantic and intermediate code)
- its scope, (by semantic and intermediate code)
- storage allocation, (by code generation)
- number of arguments and its type for procedure, the type returned

Error Detecting and Reporting

- Each phase encounters errors.
- Lexical phase determine the input that do not form token.
- Syntax phase determine the token that violates the syntax rule.
- Semantic phase detects the constructs that have no meaning to operand.

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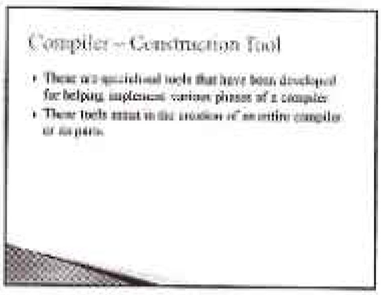
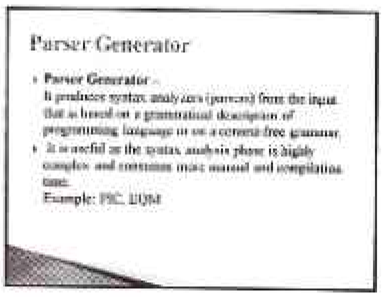
Compiler –Construction tool



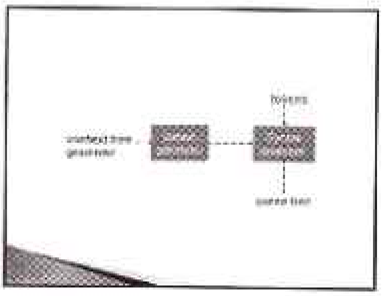
Compiler – Construction Tool

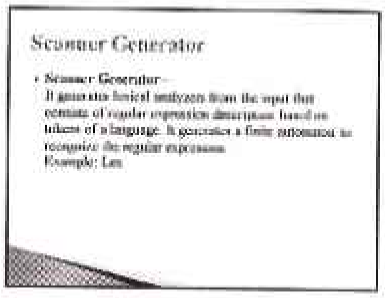
- These are specialised tools that have been developed for helping implement various phases of a compiler.
- These tools assist in the creation of an entire compiler or its parts.



Parser Generator

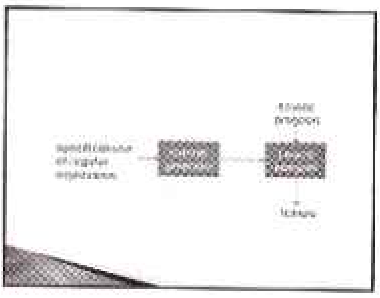
- **Parser Generator** –
  It produces syntax analyzers (parsers) from the input that is based on a grammatical description of programming language or on a context-free grammar.
- It is useful as the syntax analysis phase is highly complex and consumes more manual and compilation time.
  Example: PIC, EQM

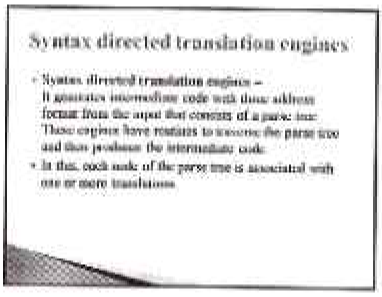




Scanner Generator

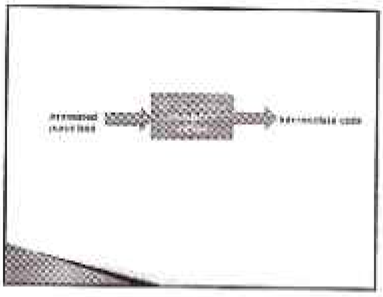
- **Scanner Generator** –
  It generates lexical analyzers from the input that consists of regular expression description based on tokens of a language. It generates a finite automaton to recognize the regular expression.
  Example: Lex

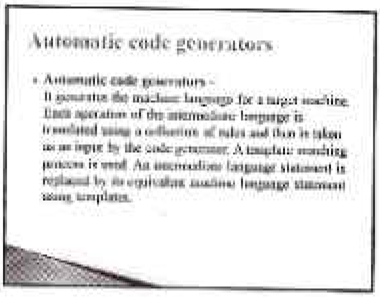




Syntax directed translation engines

- **Syntax directed translation engines** –
  It generates intermediate code with three address format from the input that consists of a parse tree. These engines have routines to traverse the parse tree and then produces the intermediate code.
- In this, each node of the parse tree is associated with one or more translations.





Automatic code generators

- **Automatic code generators** –
  It generates the machine language for a target machine. Each operation of the intermediate language is translated using a collection of rules and then is taken as an input by the code generator. A template matching process is used. An intermediate language statement is replaced by its equivalent machine language statement using templates.

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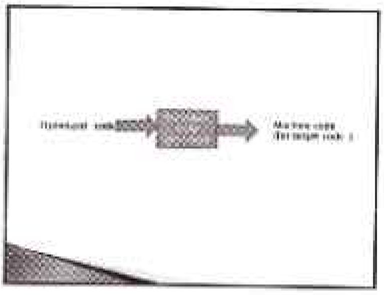
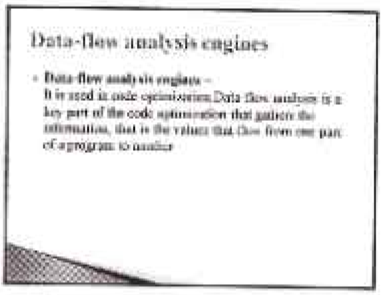
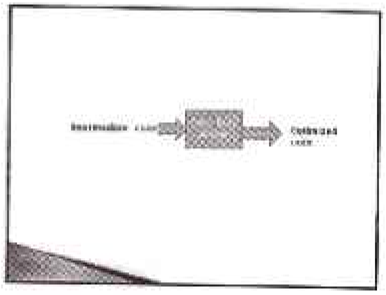
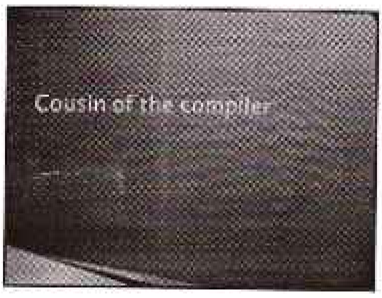




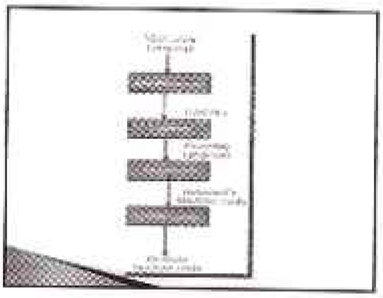
Data-flow analysis engines

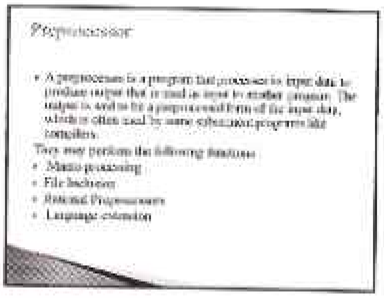
- Data-flow analysis engines –
  It is used in code optimization. Data flow analysis is a key part of the code optimization that gathers the information, that is the values that flow from one part of a program to another





Cousin of the compiler

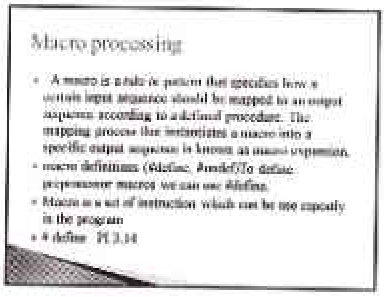




Preprocessor

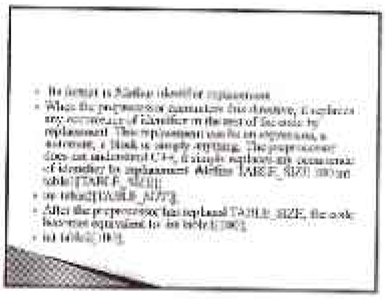
- A preprocessor is a program that processes its input data to produce output that is used as input to another program. The output is said to be a preprocessed form of the input data, which is often used by some subsequent programs like compilers.

They may perform the following functions
- Macro processing
- File Inclusion
- Rational Preprocessors
- Language extension

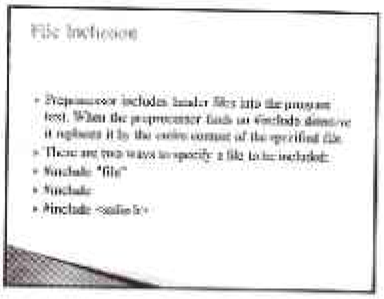


Macro processing

- A macro is a rule or pattern that specifies how a certain input sequence should be mapped to an output sequence according to a defined procedure. The mapping process that instantiates a macro into a specific output sequence is known as macro expansion.
- macro definitions (#define, #undef)To define preprocessor macros we can use #define.
- Macro is a set of instruction which can be use repeatly in the program
- # define PI 3.14



- Its format is #define identifier replacement
- When the preprocessor encounters this directive, it replaces any occurrence of identifier in the rest of the code by replacement. This replacement can be an expression, a statement, a block or simply anything. The preprocessor does not understand C++, it simply replaces any occurrence of identifier by replacement. #define TABLE_SIZE 100 int table1[TABLE_SIZE];
- int table2[TABLE_SIZE];
- After the preprocessor has replaced TABLE_SIZE, the code becomes equivalent to: int table1[100];
- int table2[100];



File Inclusion

- Preprocessor includes header files into the program text. When the preprocessor finds an #include directive it replaces it by the entire content of the specified file.
- There are two ways to specify a file to be included:
- #include "file"
- #include
- #include <stdio.h>

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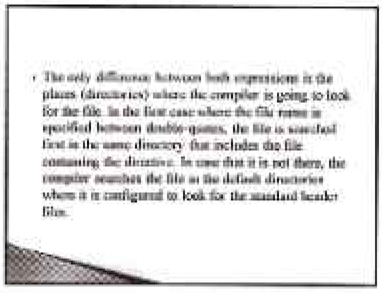
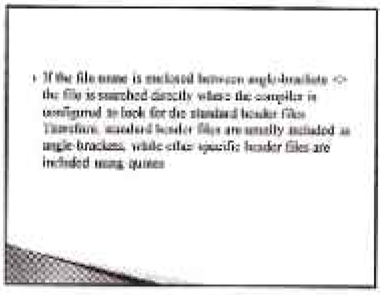
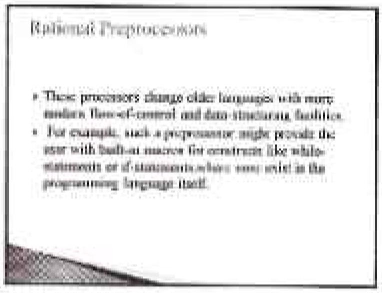


- The only difference between both expressions is the places (directories) where the compiler is going to look for the file. In the first case where the file name is specified between double-quotes, the file is searched first in the same directory that includes the file containing the directive. In case that it is not there, the compiler searches the file in the default directories where it is configured to look for the standard header files.

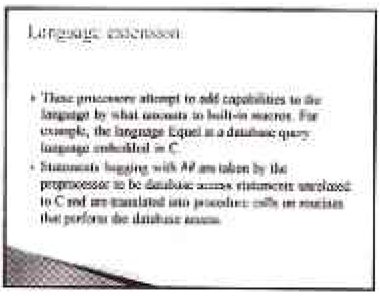


- If the file name is enclosed between angle-brackets <> the file is searched directly where the compiler is configured to look for the standard header files. Therefore, standard header files are usually included in angle-brackets, while other specific header files are included using quotes



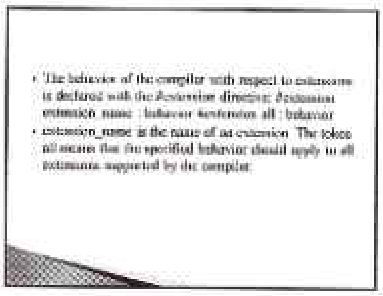
Rational Preprocessors

- These processors change older languages with more modern flow-of-control and data-structuring facilities.
- For example, such a preprocessor might provide the user with built-in macros for constructs like while-statements or if-statements,where none exist in the programming language itself.

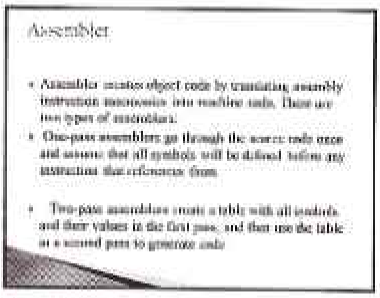


Language extension

- These processors attempt to add capabilities to the language by what amounts to built-in macros. For example, the language Equel is a database query language embedded in C.
- Statements begging with ## are taken by the preprocessor to be database access statements unrelated to C and are translated into procedure calls on routines that perform the database access.

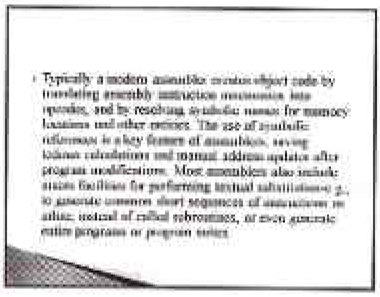


- The behavior of the compiler with respect to extensions is declared with the *#extension* directive: *#extension* extension_name : behavior *#extension* all : behavior
- extension_name is the name of an extension. The token all means that the specified behavior should apply to all extensions supported by the compiler.

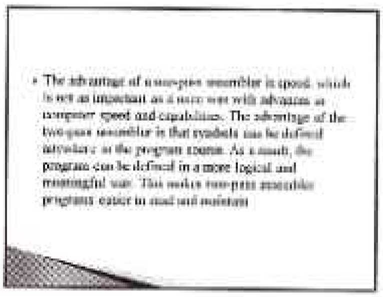


Assembler

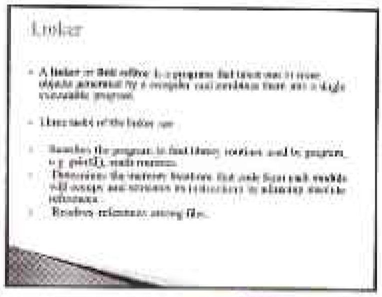
- Assembler creates object code by translating assembly instruction mnemonics into machine code. There are two types of assemblers:
- One-pass assemblers go through the source code once and assume that all symbols will be defined before any instruction that references them.
- Two-pass assemblers create a table with all symbols and their values in the first pass, and then use the table in a second pass to generate code.



- Typically a modern assembler creates object code by translating assembly instruction mnemonics into opcodes, and by resolving symbolic names for memory locations and other entities. The use of symbolic references is a key feature of assemblers, saving tedious calculations and manual address updates after program modifications. Most assemblers also include macro facilities for performing textual substitution-e.g., to generate common short sequences of instructions as inline, instead of called subroutines, or even generate entire programs or program suites.



- The advantage of a one-pass assembler is speed, which is not as important as it once was with advances in computer speed and capabilities. The advantage of the two-pass assembler is that symbols can be defined anywhere in the program source. As a result, the program can be defined in a more logical and meaningful way. This makes two-pass assembler programs easier to read and maintain



Linker

- A linker or link editor is a program that takes one or more objects generated by a compiler and combines them into a single executable program.
- Three tasks of the linker are:
- Searches the program to find library routines used by program, e.g. printf(), math routines.
- Determines the memory locations that code from each module will occupy and relocates its instructions by adjusting absolute references.
- Resolves references among files.

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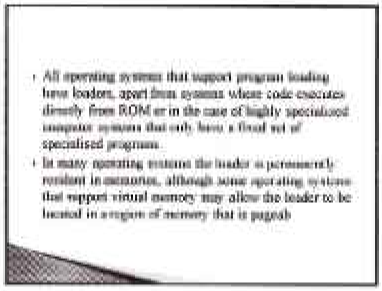
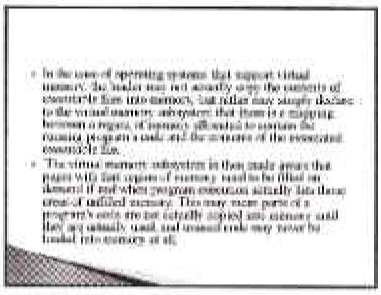
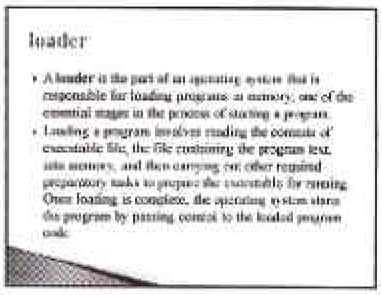


- All operating systems that support program loading have loaders, apart from systems where code executes directly from ROM or in the case of highly specialized computer systems that only have a fixed set of specialised programs.
- In many operating systems the loader is permanently resident in memory, although some operating systems that support virtual memory may allow the loader to be located in a region of memory that is pageab

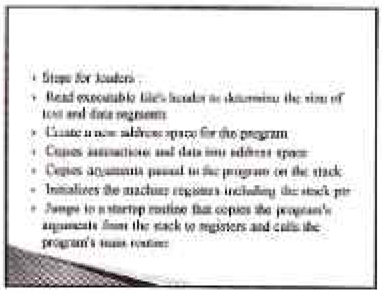


- In the case of operating systems that support virtual memory, the loader may not actually copy the contents of executable files into memory, but rather may simply declare to the virtual memory subsystem that there is a mapping between a region of memory allocated to contain the running program's code and the contents of the associated executable file.
- The virtual memory subsystem is then made aware that pages with that region of memory need to be filled on demand if and when program execution actually hits those areas of unfilled memory. This may mean parts of a program's code are not actually copied into memory until they are actually used, and unused code may never be loaded into memory at all.



loader

- A **loader** is the part of an operating system that is responsible for loading programs in memory, one of the essential stages in the process of starting a program.
- Loading a program involves reading the contents of executable file, the file containing the program text, into memory, and then carrying out other required preparatory tasks to prepare the executable for running. Once loading is complete, the operating system starts the program by passing control to the loaded program code.



- Steps for loaders :
- Read executable file's header to determine the size of text and data segments
- Create a new address space for the program
- Copies instructions and data into address space
- Copies arguments passed to the program on the stack
- Initializes the machine registers including the stack ptr
- Jumps to a startup routine that copies the program's arguments from the stack to registers and calls the program's main routine

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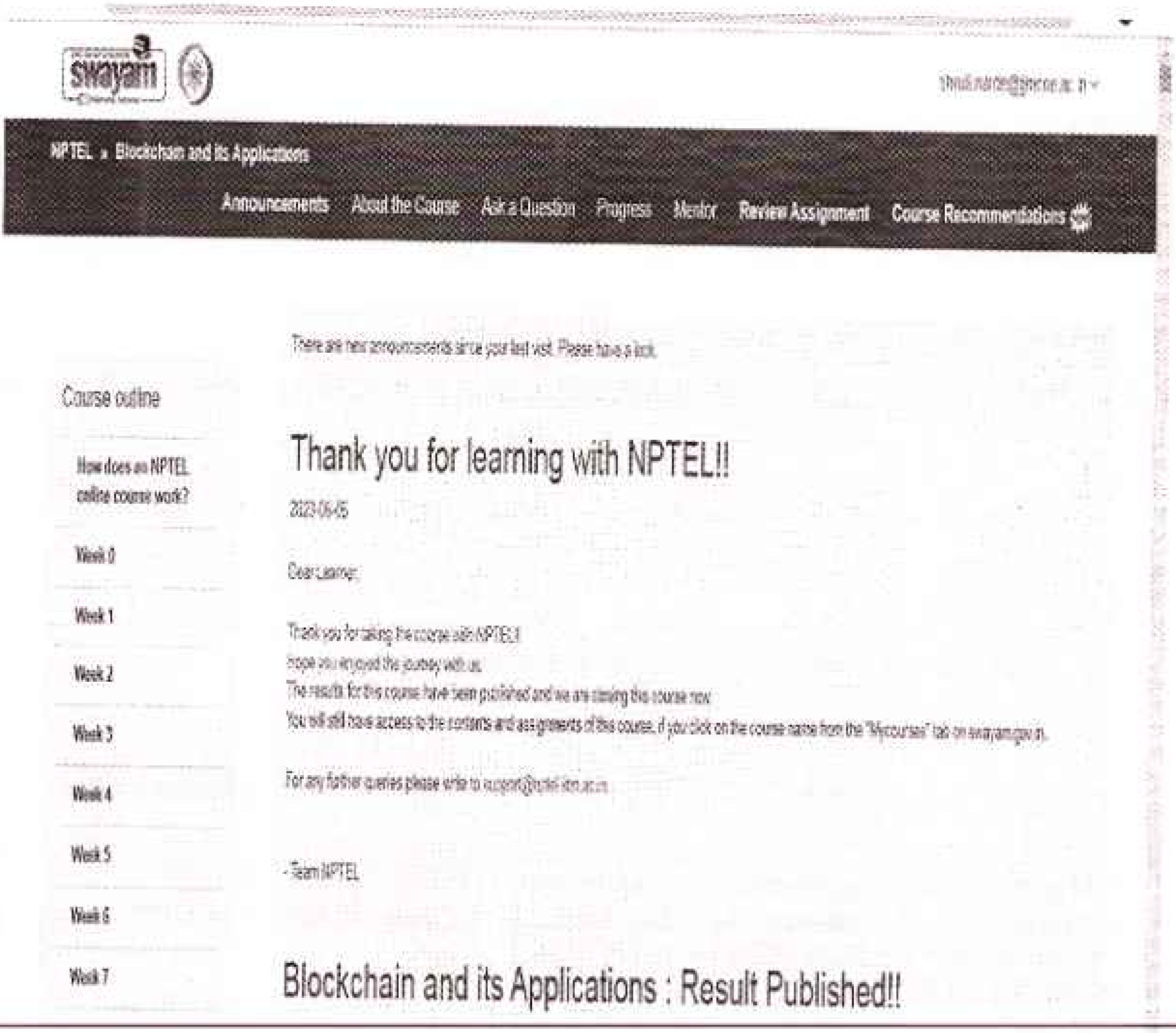
swayam
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NPTEL » Blockchain and its Applications
Announcements
About the Course
Ask a Question
Progress
Mentor
Review Assignment
Course Recommendations
Course outline
How does an NPTEL online course work?
Week 0
Week 1
Week 2
Week 3
Week 4
Week 5
Week 6
Week 7

There are new announcements since your last visit. Please have a look.

Thank you for learning with NPTEL!!

2023-06-05

Dear Learner,

Thank you for taking the course with NPTEL!!
Hope you enjoyed the journey with us.
The results for this course have been published and we are closing this course now.
You will still have access to the contents and assignments of this course, if you click on the course name from the "Mycourses" tab on swayam.gov.in.

For any further queries please write to support@nptel.iitm.ac.in

- Team NPTEL

Blockchain and its Applications : Result Published!!

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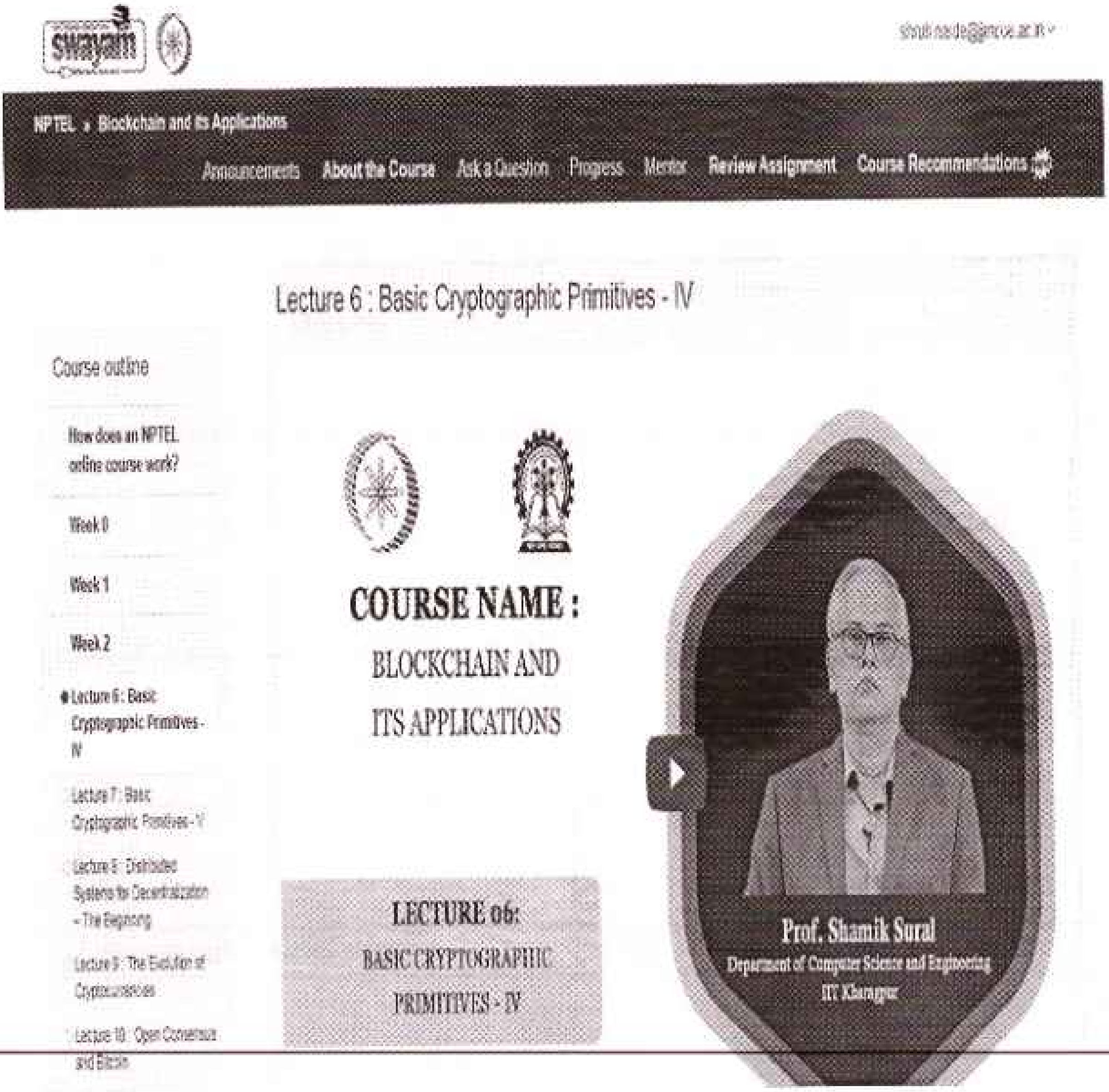

swayam

NPTEL » Blockchain and its Applications

Announcements
About the Course
Ask a Question
Progress
Mentor
Review Assignment
Course Recommendations

Lecture 6 : Basic Cryptographic Primitives - IV

Course outline

- How does an NPTEL online course work?
- Week 0
- Week 1
- Week 2
  - ● Lecture 6 : Basic Cryptograpic Primitives - IV
  - Lecture 7 : Basic Cryptographic Primitives - V
  - Lecture 8 : Distributed Systems for Decentralization - The Beginning
  - Lecture 9 : The Evolution of Cryptocurrencies
  - Lecture 10 : Open Consensus and Bitcoin

COURSE NAME :
BLOCKCHAIN AND
ITS APPLICATIONS

LECTURE 06:
BASIC CRYPTOGRAPHIC
PRIMITIVES - IV

Prof. Shamik Sural
Department of Computer Science and Engineering
IIT Kharagpur

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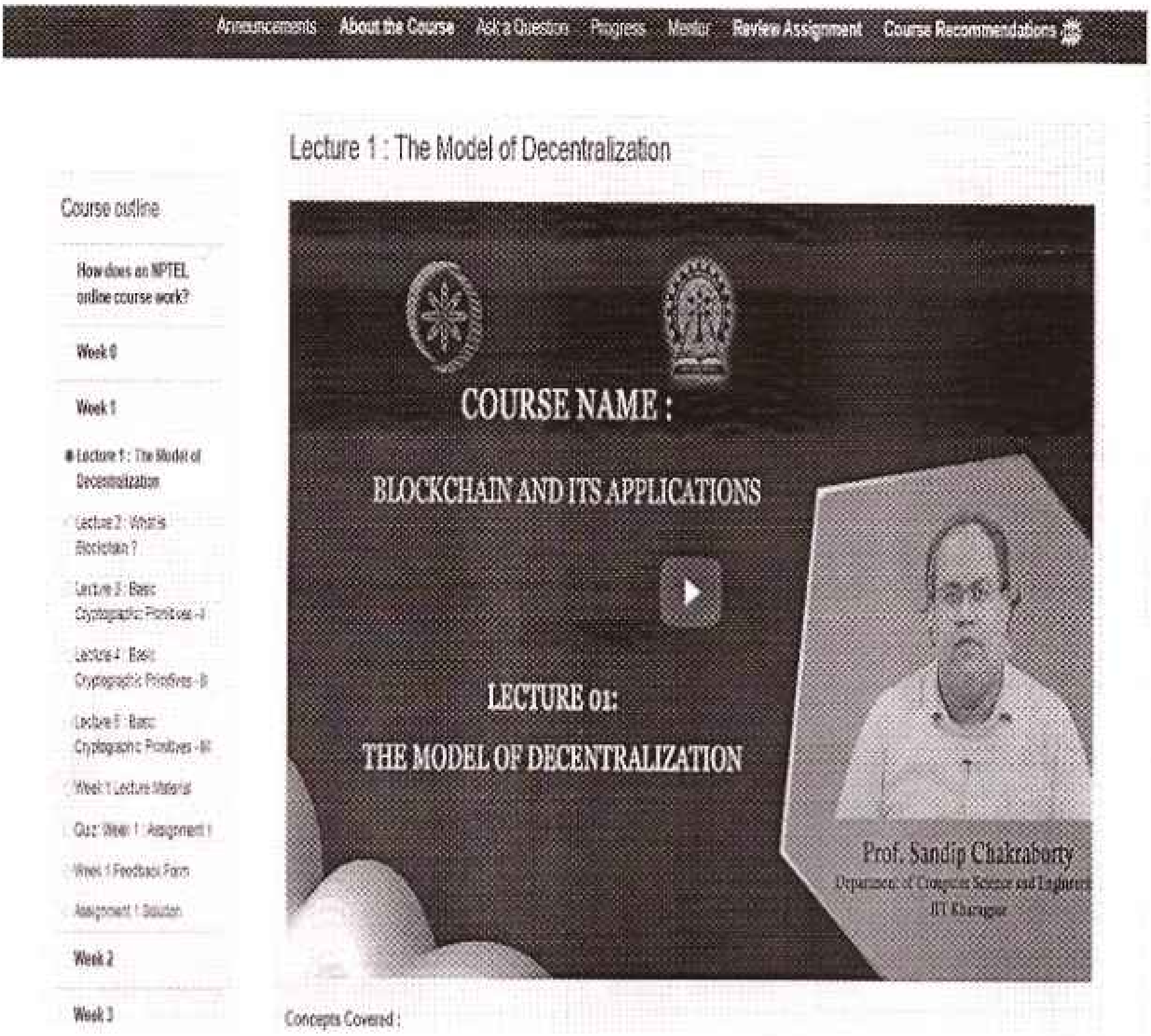
Announcements
About the Course
Ask a Question
Progress
Mentor
Review Assignment
Course Recommendations
Course outline
How does an NPTEL online course work?
Week 0
Week 1
● Lecture 1 : The Model of Decentralization
Lecture 2 : What is Blockchain ?
Lecture 3 : Basic Cryptographic Primitives - I
Lecture 4 : Basic Cryptographic Primitives - II
Lecture 5 : Basic Cryptographic Primitives - III
Week 1 Lecture Material
Quiz: Week 1 : Assignment 1
Week 1 Feedback Form
Assignment 1 Solution
Week 2
Week 3

Lecture 1 : The Model of Decentralization

COURSE NAME :

BLOCKCHAIN AND ITS APPLICATIONS

LECTURE 01:

THE MODEL OF DECENTRALIZATION

Prof. Sandip Chakraborty
Department of Computer Science and Engineering
IIT Kharagpur

Concepts Covered :

DR. J.J. MAGDUM COLLEGE OF ENGINEERING
JAYSINGPUR 416101

B.Tech-

Dr. J.J. Magdum Trust's (No. E/902)

Dr. J.J. Magdum College of Engineering, Jaysingpur

Department of Computer Science & Engineering

Class :- B.Tech Sem - II

Sr. No.	Course Details	Student Count
1	CURSO	9
2	Udemy	24
3	SkillUp	16
4	Microsoft & Oracle	4
5	Upgrad	3
6	Greate Learning & Intershala	4
7	Itenum	3
8	Others	10
Total		73

H.O.D.
(CSE Dept.)
Dr. J.J. Magdum College of Engg
Jaysingpur-416101.

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Computer Science & Engineering

ch - 2022-23

oll no.	Name of Student	Course Details	Duration
1	pratiksha Gavali(L)	CURSQ	1 Month
2	Neha Chavan	CURSQ	1 Day
3	Hasnain Lakhani	IGDTUW RESOURCE	3 Days
4	Bishal Malakar	CURSQ	1 Month
5	Jivan Ananda Patil(L)	Udemy	58.5 hrs
6	Tejas Adhik Shinde	Udemy	26 hrs
7	Pratik Parashram Jadhav	Udemy	58.5 hrs
8	Shreyas Sunil Kamble	Udemy	58.5 hrs
9	Snehal Shivshant Patil(L)	Forage	1 Day
10	Vivek Sanjaykumar Admuthe	Skillup	1 Day
11	Rushikesh Krishna Patil	Skillup	1 Day
12	Nischay Pradip Bhokare	Udemy	41 hrs
13	Vinayak Rajendra Sutar(L)	SkillUp	1 Day
14	Ajit mali	SkillUp	1 Day
15	Mayuresh Mahesh Pujari	SkillUp	1 Day
16	Sandesh Rajgonda Patil	SkillUp	1 Day
17	MORE PRAJAKTA CHANDRAKANT		
18	Sanmay Anil Majlekar(L)	CURSQ	10 Days
19	Prem Subhash Hogade	CURSQ	2 Month
20	Sourabh Shivkumar Kesharwani	CURSQ	3 Days
21	Vishwjeet Vijay Powar	CURSQ	5 Days
22	Saurabh Shivaji Daware(L)	Linked In	39 hrs
23	Priyanka Mahadev Bamnale	UpGrad	1 Day
24	Aishwarya Ashok Patil	UpGrad	1 Day
25	Ruchita Uddhav Bhosale	UpGrad	1 Day
26	AVADOBA SHAILESH KESHAV	SkillUp	1 Day
27	Mahesh Siddhu Dhangar(L)	Udemy	31 hrs
28	Aniket Govind Todkar		
29	Pratik Rajendra Jatrate	Udemy	32 hrs
30	Sourabh Bapuso Kole	Udemy	31 hrs
31	BHANDARE ABHISHEK SANJAY	SkillUp	9.5 hrs
32	Shraddha Rajendra Kore(L)	Udemy	20 hrs
33	Sonika Hanmantrao Mahind	ORACLE Academy	1 Day
34	Takshak Vikram Desai	Itnium	1 Day
35	Komal Dewadas Dhok	Udemy	21 hrs
36	Aakanksha Kumbhar(L)	Udemy	31 hrs
37	Siddhi Shrirang Kundale	Udemy	31 hrs
38	Ruluja Vijay patil	Microsoft Certification	1 Day
39	Tanuja Shivaji Sawant	Udemy	24.5 hrs
40	Manali Balasaheb Narute(L)	Udemy	25 hrs
41	Sakshi Anil Patil	CURSQ	26 hrs
42	Karan Pandurang Kumbhar	udemy	9.5 hrs
43	Rija Kudartali Bagwan	udemy	46 hrs

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44	Harshwardhan Shinde(L)	Itnium	1 Day	3
45	Siddharth Ashok Khubikar	Itnium	1 Day	3
46	Abhishek Deelip Unde			0
47	Shreyas Haridas Shirke	SkillUp	1 Day	3
48	priyanka uttam yedage(L)	Udemy	48.5 hrs	3
49	uttara uday repe	SkillUp	1 Day	3
50	rutuja uttam patil	SkillUp	1 Day	3
51	UTTURE OMKAR ANIL	SkillUp	1 Day	2
52	Harshal Rajgonda Chandoba	CURSQ	26 hrs	3
53	Radhika Raosaheb Bhosale	un Stop	39 hrs	3
54	Nutan Rajendra Sawant	Udemy	24 hrs	3
55	Aditi Suresh Patil	devtown	7 Days	3
56	Nihal Jamil Shaikh(L)	Udemy	40 hrs	3
57	Harshvardhan Rajendra Patil	SkillUp	1 Day	3
58	Prathamesh Vishnu Rokade			0
59	Pramod Vijay Powar	acmegrade	1 Month	3
60	Prajakta Shashikant Patil(L)	Udemy	1 Day	3
61	Amruta Shinde	TECHIEGIGS	1 Day	3
62	Purva Takale	TalentBattle	1 Day	3
63	Sanket Patil	SkillUp	1 Day	3
64	Pournima Adgane(L)	Great Learning	1 Day	3
65	Isha Patil	Great Learning	1 Day	3
66	Sakshi Jagdale	Microsoft Certification	1 Day	3
67	Kiran Narute	Microsoft Certification	1 Day	3
68	Snehal Bhanase(L)	Great Learning	1 Day	3
69	Kshitija Chavan	Udemy	20 hrs	3
70	Pranav Gidde	accenture	1 DAy	3
71	Siddhesh Godhade	Udemy	9hrs	2
72	Sadiya Ramjan Nadaf(L)			0
73	Rutuja Tanaji Kamble			0
74	Dhanashri Nilkanthrao Ghatage			0
75	Pratiksha Rajendra Jangam			0
76	Kedar Indrajeet Sutar(L)	SkillUp	1 Day	3
77	Roshankumar Nayaku Lavate	SkillUp	1 Day	3
78	sankita katekar	Udemy	23 hrs	3
79	Joya shaikh	Intershala raining	1 Day	3
80	Samruddhi Dixit(L)	Edvance Training	1 Day	3
81	Kranti Wani	Udemy	9.5 hrs	2
82	Anjali Mali			0
83	Sonali Mohite			0

Roll No - 1.

Certificate

cursa

We certify that **Pratiksha Popat Gavali**
has completed the following courses on our platform:

Introduction to algorithms by MIT

34 hours 23 minutes - From 10/04/2023 to 16/05/2023

DR. J.J. MAGDUM COLLEGE OF ENGINEERING ★ JAYSINGPUR 416101

Adrian Medeiros
Adrian Medeiros Dantas
Executive Director - Cursa

Pratiksha Popat Gavali
Student Signature
Pratiksha Popat Gavali

2311-168540

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

Responsible for the application: Medeiros Tecnologia LTDA. CNPJ 24.471.978/0001-08.
E-mail: contato@cursa.app

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We certify that **Neha Pradip Chavan**
has completed the following courses on our platform:

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416101

Adrian Medeiros Dantas
Executive Director - Cursa

Neha Pradip Chavan
Student Signature
Neha Pradip Chavan

C2311-1683540

This certificate proves that the student has attended the courses described therein through the Cursa application, which is available in the Google (Google Play) and Apple (App Store) application stores, proving the authenticity of the respective viewing time of the video classes. If you have received this certificate and want to verify that it is authentic, scan the QR code with a cell phone camera or access cursa.app/en/my-certificate and consult the code described in the lower right corner of this certificate.

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E-mail: contato@cursa.app

Point the camera to verify authenticity

Dr. J.J. Magdum Trust's (No. E/902)

Dr. J.J. Magdum College of Engineering, Jaysingpur

Department of Computer Science & Engineering

Class :- B.Tech Sem - II -2022-23

Sr. No.	Course Details	Student Count
1	Udemy	13
2	Skill Up	10
3	Coursera Microsoft	02
4	Great Learning	07
5	IBM	02
6	Hacker rank	02
7	APT Tech	03
8	DevTown	02
9	Global Shala	04
10	Others.	11
Total		56

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HOUSE OF CODE

LOWE'S

Certificate of Participation

This is to certify that

Joya Javed Shaikh

of Dr.J.J magdum college of engineering has participated in the MCQ Challenge of House of Code (Campus Edition) organised by Lowe's Companies, Inc.

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Dr. J.J. Magdum Trust's
Dr. J. J. Magdum College of Engineering, Jaysingpur - 416101
Department of Computer Science & Engineering

Date: 15/05/2023

Industry Visit Summery 2022-23(SEM-I)

SL NO	Class	Date of Visit	Place visited
01	S Y	19/11/2022	Domain Computers ,Sangli

Industry Visit Summery 2022-23(SEM-II)

SL NO	Class	Date of Visit	Place visited
01	S Y	21/04/2023	tCognition, Kolhapur

15/5/23
Prof.P.S.Ambupe
Incharge-Industry Visit

Dr.Prof.D.A.Nikam
HOD CSE

Dept. of CSE

DR. J. J. MAGDUM TRUST'S

Date:19/11/2022

Ref No:JJMCOE/CSE/2022

To,

Mrs. Vinayashree Akkalkot
Director Domain Computers,
Sangli

Subject: Regarding permission to visit Domain computers Sangli.

Respected Madam,

Our institute Dr.J.J.Magdum College of Engineering Jaysingpur Dist: Kolhapur is leading educational institute offering four year degree courses in different engineering streams.

Department of CSE is planning for industrial visit for second year students as an academic part related to their syllabus. Students have subject Java Programming and for the same students require some practical knowledge about same subject.

For same we wish to visit Domain Computers, Sangli to see working environment & practical approach and to know new technologies used. We expect you will guide our students
For betterment of their knowledge & career.

Details:

College Name: Dr.J.J.Magdum College of Engineering Jaysingpur Dist: Kolhapur.
College Website:www.jjmcoe.ac.in
Number of students for visit:72 Students & 3 Faculty members.
Expected Date of Visit:19 Nov 2022
Time: 11:00AM at visit place.

Visited
No of students = 53

So please allow us to visit Domain computers Sangli.

Thanking you.

for
Prof.P.S.Ambupe
Coordinator Industrial visit, CSE

Dr. J.J. Magdum College of Engg. Dept. of CSE Jaysingpur-416101

Dr.D.A.Nikam
HOD CSE

DOMAIN COMPUTER EDUCATION SANGLI

Dr. J. J. Magdum College of Engineering, Jaysingpur
Approved by A.I.C.T.E. New Delhi Recognized by Govt. of Maharashtra (D.T.E.) Affiliated to SHIVAJI UNIVERSITY, Kolhapur
Gat No. 289 (314/330), Shirol-Wadi Road, (Agarbhag), JAYSINGPUR - 416 101. Dist. Kolhapur (M.S.)
Tel. No. (02322) 221825, 221123, Fax No.: (02322) 221831
Email : campusdirector@jjmcoe.ac.in / principal@jjmcoe.ac.in / registrar@jjmcoe.ac.in Website : www.jjmcoe.ac.in

SY B.Tech Industrial Visit Domain Computer's Sangli Date :- 19/11/2022

GPS Map Camera
Google

Sangli, Maharashtra, India
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Long 74.592336°
19/11/22 10:55 AM GMT +05:30

GPS Map Camera
Google

Sangli, Maharashtra, India
2nd Floor, Balaji Celebration,Above SVC Bank, Ganpatimandir Road,, Vishrambhag, Gandhi Nagar, Vishrambag, Sangli, Maharashtra 416415, India
Lat 16.847203°
Long 74.592325°
19/11/22 10:56 AM GMT +05:30

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JAYSINGPUR 416101

22

GPS Map Camera
Google

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2nd Floor, Balaji Celebration,Above SVC Bank, Ganpatimandir Road,, Vishrambhag, Gandhi Nagar, Vishrambag, Sangli, Maharashtra 416415, India
Lat 16.847204°
Long 74.59232°
19/11/22 10:56 AM GMT +05:30

GPS Map Camera
Google

Sangli, Maharashtra, India
2nd Floor, Balaji Celebration,Above SVC Bank, Ganpatimandir Road,, Vishrambhag, Gandhi Nagar, Vishrambag, Sangli, Maharashtra 416415, India
Lat 16.847194°
Long 74.592314°
19/11/22 10:55 AM GMT +05:30

DR. J.J. MAGDUM COLLEGE OF ENGINEERING
JAYSINGPUR
416101

DR. J. J. MAGDUM TRUST'S

Date: 21/04/2023

RefNo:JJMCOE/CSE/2023

To,

tCognition
Kolhapur

Subject: Regarding permission to visit tCognition Kolhapur.

Respected Sir/Madam,

Our institute Dr.J.J.Magdum College of Engineering Jaysingpur Dist: Kolhapur is leading educational institute offering four year degree courses in different engineering streams.

Department of CSE is planning for industrial visit for second year students as an academic part related to their syllabus. Students have subject Object Oriented Programming and for the same students require some practical knowledge about same subject.

For same we wish to visit tCognition, Kolhapur to see working environment & practical approach and to know new technologies used. We expect you will guide our students for betterment of their knowledge & career.

Details:

College Name:Dr.J.J.Magdum College of Engineering Jaysingpur Dist: Kolhapur.
College Website:www.jjmcoe.ac.in
Number of students for visit:77 Students & 3 Faculty members.
Expected Date of Visit:21 April 2023
Time: 11:00AM at visit place.

So please allow us to visit tCognition Kolhapur.

C.I.N.U.72200
PN 2003
PTC 018801

Visited
21-4-2023

Thanking you.

Prof.P.S.Ambupe 21/4/23
Coordinator Industrial visit, CSE

Dept.
of
CSE

21/4/23
Dr.D.A.Nikam
HOD CSE

Dr. J. J. Magdum College of Engineering, Jaysi
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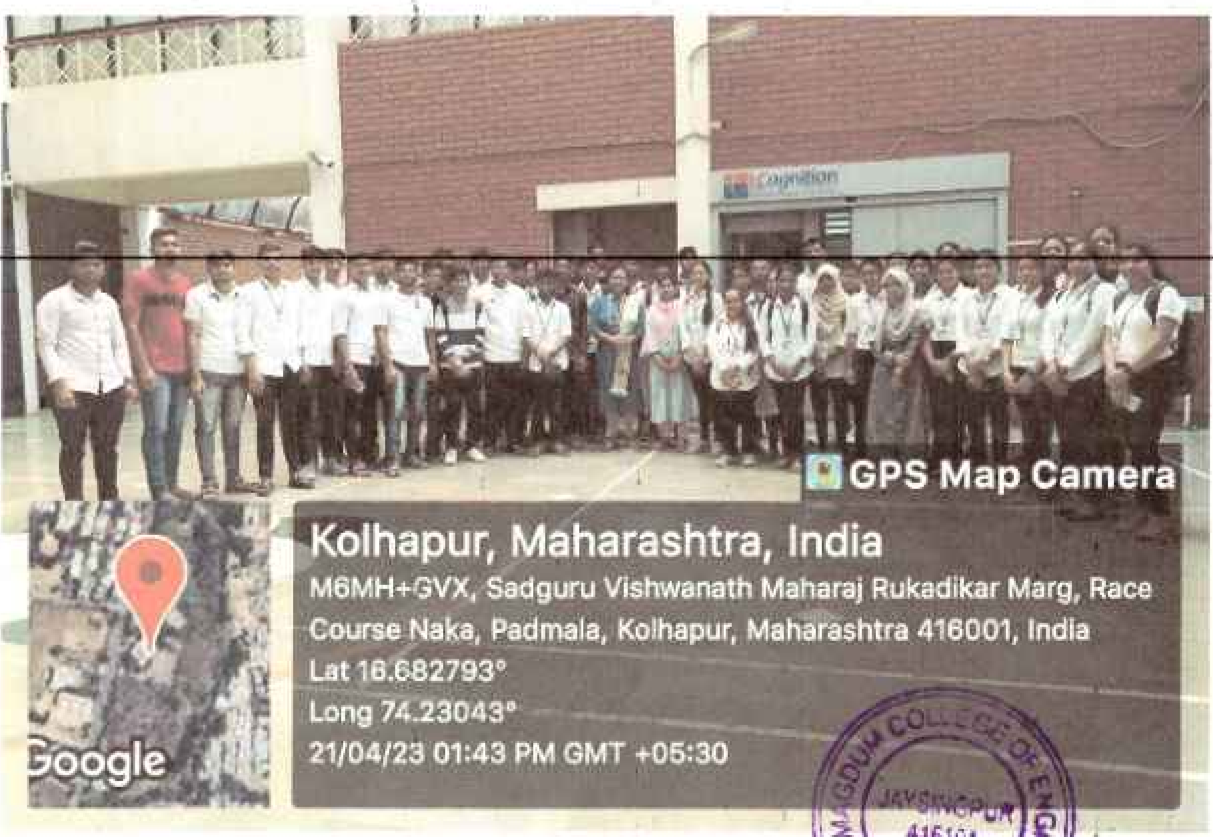
NAAC 'A' Grade Institution & ISO 21001:2018
Gat No. 289 (314/330), Shirol-Wadi Road, (Agarbhag), JAYSINGPUR - 416
Tal. Shirol, Dist. Kolhapur (M.S.) Tel. No. (02322) 221123
Email : campusdirector@jjmcoe.ac.in / principal@jjmcoe.ac.in / registrar@jjmcoe.ac.in Website

DR. J.J. MAGDUM COLLEGE OF ENGINEERING
JAYSINGPUR
416101

Industrial Visit SY CSE at tCognition Kolhapur

tCognition Glo
GPS Map Camera
Google

Kolhapur, Maharashtra, India
M6MH+GVX, Sadguru Vishwanath Maharaj Rukadikar Marg, Race Course Naka, Padmala, Kolhapur, Maharashtra 416001, India
Lat 16.682793°
Long 74.230132°
21/04/23 12:36 PM GMT +05:30


tCognition
GPS Map Camera
Google

Kolhapur, Maharashtra, India
M6MH+GVX, Sadguru Vishwanath Maharaj Rukadikar Marg, Race Course Naka, Padmala, Kolhapur, Maharashtra 416001, India
Lat 16.682793°
Long 74.23043°
21/04/23 01:43 PM GMT +05:30

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JAYSINGPUR
416101

Department of Computer Science & Engg.

Internship Details

Academic Year: 2022-23

Sr. No.	Name of Students	Class	Name of Industry
1	Mali Ajit Raju	B.Tech	Tecspeak IT Solution
2	Sutar Kedar Indrajit	B.Tech	Tecspeak IT Solution
3	Shirke Shreyash Haridas	B.Tech	ITnium
4	Lavate Roshankumar Nayaku	B.Tech	Tecspeak IT Solution
5	Utture Omkar Anil	B.Tech	Tecspeak IT Solution
6	Bhandare Abhishek Sanjay	B.Tech	Tecspeak IT Solution
7	Todkar Aniket Govind	B.Tech	Tecspeak IT Solution
8	Patil Rutuja Uttam	B.Tech	Revolution IT , Intershala
9	Gavali Pratiksha Popat	B.Tech	Revolution IT
10	Chavan Neha Pradip	B.Tech	Revolution IT
11	Lakhani Hasnain Rijwan	B.Tech	One Star Software Solution
12	Malkar Bishal	B.Tech	NEEPCO Ltd.
13	Patil Jivan Ananda	B.Tech	Tecspeak IT Solution
14	Shaikh Joya Javed	B.Tech	Tecspeak IT Solution
15	Patil Harshvardhan Rajendra	B.Tech	SAINT LOUIS University
16	Patil Isha Jayant	B.Tech	SAINT LOUIS University
17	Shinde Harshwardhan Anandrao	B.Tech	ITnium
18	Patil Aishwarya Ashok	B.Tech	Tecspeak IT Solution
19	Mali Anjali Rajaram	B.Tech	Tecspeak IT Solution
20	Desai Takshak Vikram	B.Tech	ITnium
21	Chandoba Harshal Rajgonda	B.Tech	Tecspeak IT Solution
22	Shinde Amruta Vinayak	B.Tech	Acmegrade

DR. J.J. MAGDUM COLLEGE OF ENGINEERING
JAYSINGPUR 416101

23	Ghatage Dhanashri Nilkanthrao	B.Tech	Tecspeak IT Solution
24	Patil Rushikesh Krishna	B.Tech	COMTRANSE Technology
25	Bhosale Ruchita Uddhav	B.Tech	Tecspeak IT Solution
26	Bagwan Rija Kudartali	B.Tech	Tecspeak IT Solution
27	Hogade Prem Subhash	B.Tech	Webstar Solutions
28	Jangam Pratiksha Rajendra	B.Tech	Tecspeak IT Solution
29	Jatrate Pratik Rajendra	B.Tech	SV Mind Logic
30	Jadhav Pratik Parashram	B.Tech	Tecspeak IT Solution
31	Gidde Pranav	B.Tech	Futureskills
32	Powar Pramod Vijay	B.Tech	SV Mind Logic
33	More Prajakta Chandrakant	B.Tech	Tecspeak IT Solution
34	Adgane Pournima	B.Tech	Saint Louis University
35	Bhokare Nishchay	B.Tech	Internship Studio
36	Shaikh Nihal Jamil	B.Tech	COMTRANSE
37	Narute Manali Balasaheb	B.Tech	Rachita Infotech
38	Dhangar Mahesh Siddhu	B.Tech	SV Mind Logic
39	Chavan Kshitija	B.Tech	Rackson IT Solution
40	Kore Shraddha	B.Tech	Rachita Infotech
41	Dhok Komal	B.Tech	Matrix Info Solutions
42	Kole Sourabh Bapuso	B.Tech	SV Mind Logic
43	Kumbhar Karan Pandurang	B.Tech	Storm Softs
44	Keshrwani Sourabh	B.Tech	WEBSTER Solution
45	Unde Abhishek Dilip	B.Tech	ITnium
46	Patil Snehal Shivshant	B.Tech	ITnium
47	Godhade Siddhesh Shivaji	B.Tech	Tecspeak IT Solution
48	Khubikar Siddharth Ashok	B.Tech	ITnium
49		B.Tech	

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	Kamble Shreyash Sunil		Tecspeak IT Solution
50	Avdoba Shailesh Keshav	B.Tech	Tecspeak IT Solution
51	Majalekar Sanmay Anil	B.Tech	WEBSTER Solutions
52	Dixit Samruddhi Pramod	B.Tech	Tecspeak IT Solution
53	Jagdale Sakshi	B.Tech	SAINT LOUIS University
54	Patil Sakshi Anil	B.Tech	Tecspeak IT Solution
55	Nadaf Sadiya Ramjan	B.Tech	Tecspeak IT Solutions
56	Kamble Rutuja Tanaji	B.Tech	Tecspeak IT Solution
57	Yedage Priyanka Uttam	B.Tech	Rachita Infotech
58	Takale Purva Pandurang	B.Tech	Tecspeak IT Solution
59	Bamnale Priyanka Mahadev	B.Tech	Tecspeak IT Solution
60	Katekar Sankita Sunil	B.Tech	ITnium
61	Sawant Tanuja Shivaji	B.Tech	Rachita Infotech
62	Admuthe Vivek Sanjaykumar	B.Tech	COMTRANSE
63	Pawar Vishwjit Pawar	B.Tech	COMTRANSE
64	Shinde Tejas Adhik	B.Tech	Tecspeak IT Solution
65	Bhanase Snehal	B.Tech	Rackson IT
66	Sutar Vinayak Rajendra	B.Tech	Tecspeak IT Solution
67	Pujari Mayuresh Mahesh	B.Tech	Tecspeak IT Solution
68	Patil Sandesh Rajgonda	B.Tech	Tecspeak IT Solutions
69	Rokade Prathamesh Vishnu	B.Tech	SAINT LOUIS University
70	Repe Uttara Uday	B.Tech	Rachitha Infotech
71	Daware Saurabh Shivaji	B.Tech	Tecspeak IT Solutions
72	Narute Kiran	B.Tech	SAINT LOUIS University
73	Mahind Sonika Hanmantaro	B.Tech	Rachitha Infotech
74	Mohite Sonali Bhimrao	B.Tech	Tecspeak IT Solutions
75	Wani Kranti Ajit	B.Tech	Tecspeak IT Solutions

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76	Patil Aditi Suresh	B.Tech	Tecspeak IT Solutions
77	Bhosale Radhika Raosaheb	B.Tech	Tecspeak IT Solutions
78	Patil Prajkata Shashikant	B.Tech	Revolution IT
79	Sawant Nutan Rajendra	B.Tech	Revolution IT
80	Patil Rutuja Vijay	B.Tech	Tecspeak IT Solutions
81	Kundale Siddhi Shrirang	B.Tech	Rachita Infotech
82	Kumbhar Akanksha Bharat	B.Tech	Rachita Infotech

Internship Coordinator

DR. J.J. MAGDUM COLLEGE OF ENGINEERING
JAYSINGPUR
416101

Tecspeak
IT Solutions
(An ISO 9001:2015)

8669966536
www.tecspeak.co.in
info@tecspeak.co.in

COMPLETION CERTIFICATE

Date: 26 Sep 2022.

TO WHOM IT MAY CONCERN

It is our pleasure to write about **Miss. Sonali Bhimrao Mohite.** she has worked with Tecspeak IT Solutions as **Trainee Software Developer** from 2. 08/2022 to 26/09/2022 you will report to **Miss. Asmita Shinde,** Project Manager.

During the mentioned tenure of her work here, **Sonali Bhimrao Mohite.** Remained involved in her work with determination and sincerity. We found her active and competent in executing all assigned tasks. She is professionally sound, hard-working, and a devoted and motivated employee whose dedication in taking initiative and contribution for the realization of organizational goals and objectives has proven helpful in the advancement of our establishment repeatedly. Her decision to terminate her services with us is solely her own and we wish her all the best in her future endeavors.

Sincerely,

SANGLI

MANAGER

DR. J. J. MAGDUM COLLEGE OF ENGINEERING
JAYSINGPUR
416101

Ofc. No. 4, Ayodhya Annex, 1st Floor, Near Hotel Pai-Prakash, Vishrambag, Sangli-416416

RICT014386

Rachita Infotech

This is to certificate that, **Siddhi Shrirang Kundale** Student of DR. J J Magdum College Of Engineering (B.Tech CSE) successfully completed industrial training on Web development from period 22/08/22 to 15/10/22 , the training consisted of basics Of Web development. During the period of training programme with us, we found him/her punctual,hardwarking and inquisitive.

Grade: A

Date: 15/10/22

AJAY JADHAV
Managing Director

This certificate can be can be verified at https://www.rachitainfotech.in

Tecspeak
IT Solutions

8669966536
www.tecspeak.co.in
info@tecspeak.co.in

COMPLETION CERTIFICATE

Date: 26 Sep 2022

TO WHOM IT MAY CONCERN

It is our pleasure to write about **Miss. Rutuja Vijay Patil** , she has worked with Tecspeak IT Solutions as **Trainee Software Developer** from 22/08/2022 to 26/09/2022 you will report to **Mr. Avadhut Patil**, Project Manager.

During the mentioned tenure of her work here, **Rutuja Vijay Patil** Remained involved in her work is with determination and sincerity. We found her active and competent in executing all assigned tasks. She is professionally sound, hard-working, and a devoted and motivated employee whose dedication in taking initiative and contribution for the realization of organizational goals and objectives has proven helpful in the advancement of our establishment repeatedly. Her decision to terminate her services with us is solely her own and we wish her all the best in her future endeavors.

Sincerely,

TECSPEAK IT SOLUTIONS
SANGLI

MANAGER

DR. J.J. MAGDUM COLLEGE OF ENGINEERING
JAYSINGPUR
416101

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INTERNSHIP REPORT

A report submitted in partial fulfillment of the requirements for the

Industry Internship Program(IIP-I)

Department of Computer Science &

EngineeringBy

Mr. Shailesh Keshav Avadoba

PRN.No.:-2020080710 class- B. tech

Roll no- 26

Under Supervision of

Prof. P. V. Kothawale

Duration:- 22 August 2022 to 26 September2022

Department of Computer Science & Engineering

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

2022-23

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

CERTIFICATE

This is to certify that the "Internship report" submitted by Shailesh Keshav **Avadoba.** (PRN **No.:** 2020080710) Class: B.Tech (4th year) Roll No.26 is work done by **her and submitted** during 2022– 2023 academic year, in partial fulfillment of the requirements for **Industry Internship Program (IIP-I)** Dr. J. J. Magdum College of Engineering, Jaysingpur

Department Internship Coordinator
Prof. P. V. Kothawale

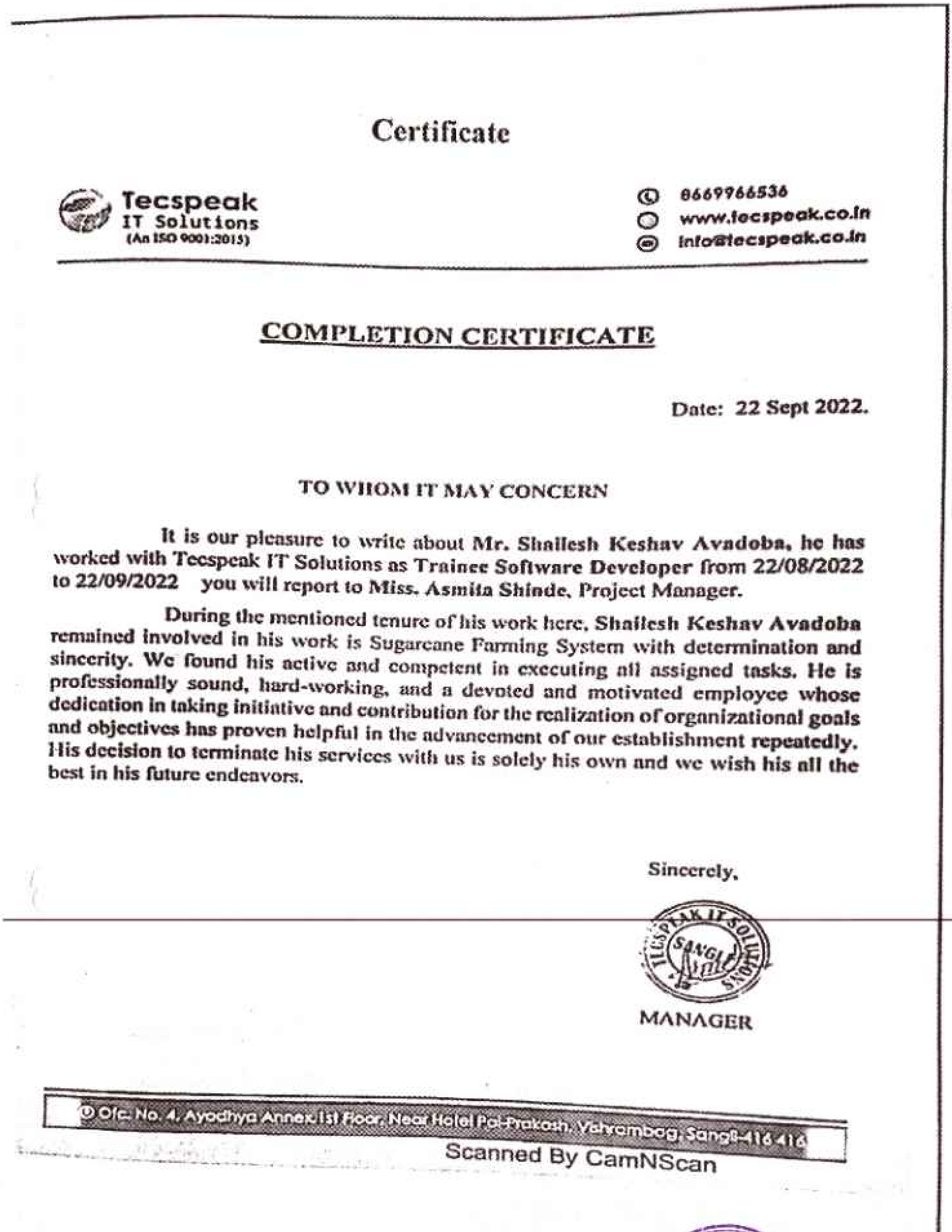
Head of Department
Dr. D. A. Nikam

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

2022-23

JAYSINGPUR
416101



Certificate

Tecspeak
IT Solutions
(An ISO 9001:2015)

8669766536
www.tecspeak.co.in
info@tecspeak.co.in

COMPLETION CERTIFICATE

Date: 22 Sept 2022.

TO WHOM IT MAY CONCERN

It is our pleasure to write about **Mr. Shailesh Keshav Avadoba**, he has worked with Tecspeak IT Solutions as **Trainee Software Developer from 22/08/2022 to 22/09/2022** you will report to **Miss. Asmita Shinde**, Project Manager.

During the mentioned tenure of his work here, **Shailesh Keshav Avadoba** remained involved in his work is Sugarcane Farming System with determination and sincerity. We found his active and competent in executing all assigned tasks. He is professionally sound, hard-working, and a devoted and motivated employee whose dedication in taking initiative and contribution for the realization of organizational goals and objectives has proven helpful in the advancement of our establishment repeatedly. His decision to terminate his services with us is solely his own and we wish his all the best in his future endeavors.

Sincerely,

SANGLI

MANAGER

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Dr. J. J. Magdum College of Engineering
Jaysingpur 416101

ATTENDANCE SHEET

Name & Address of Industry/Organization
TecSpeak IT Solution, Sangli

Name of Student	Shailesh Keshav Avadoba
Roll. No	26
Course and Class	B.Tech. Computer Science Engineering (4th year)
Date of Commencement of Training:	22nd August, 2022
Date of Completion of Training:	26th Septmber, 2022

Initials of the student-

Date, Month & Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	22nd Aug. 2022	23rd Aug. 2022	24th Aug. 2022	25th Aug. 2022	26th Aug. 2022	27th Aug. 2022	28th Aug. 2022	29th Sept., 2022	30nd Sept., 2022	31th Sept., 2022	1th Sept., 2022	2th Sept., 2022	3th Sept., 2022	4th Sept., 2022	5th Sept., 2022	6th Sept., 2022	7th Sept., 2022	8th Sept., 2022	9th Sept., 2022
Initials																			

Date, Month & Year	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
	10th Sept., 2022	11th Sept., 2022	12th Sept., 2022	13th Sept., 2022	14th Sept., 2022	15th Sept., 2022	16th Sept., 2022	17th Sept., 2022	18th Sept., 2022	19th Sept., 2022	20th Sep, 2022	21th Sep, 2022	22th Sep, 2022	23th Sep, 2022	23th Sep, 2022	24th Sep, 2022	25th Sep, 2022	26th Sep, 2022
Initials																		

AJadhav

Signature of Industry Supervisor
Mr. Ajay Jadhav

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JAYSINGPUR
416101

Signature of University Guide
Prof. P. V. Kothawale

Dr. J.J. Magdum Trust's
Dr. J.J. Magdum College of Engineering, Jaysingpur 416101
Department of Computer Science & Engineering

Details of technical workshops conducted under augmentation cell in Academic year 2022-23 Sem-II

Sr.no	Workshop name	Resource person	Class	Date
1	Web development	Mr. Sourabh Daware B.Tech student JJMCOE	TY.B.tech	21/03/2023

Dr. D. A. Nikam
HOD

Dr. J.J. Magdum Trust's
Dr. J.J. Magdum College of Engineering, Jaysingpur 416101
Department of Computer Science &Engineering

Date: 18/03/2023

NOTICE

All the students of TY (CSE) are hereby informed that a Technical workshop is scheduled on the topic **"Web development"** under Augmentation Cell on 21st Mar 2023. Fee for the workshop is 30/- rs. It is compulsory for all the students to register for this workshop. Schedule for the same is as follows:

Date	:	21/03/2023.
Time	:	10:00 pm to 4:00 pm.
Mode	:	Offline

So, all should note the same. The attendance of all is compulsory.

Prof.S.S.Satpute
Augmentation Cell coordinator

Dr.Prof.Mrs.D.A.Nikam
HOD (CSE Dept)

Dept.
of
CSE

Dr. J.J. Magdum Trust's
Dr. J.J. Magdum College of Engineering, Jaysingpur 416101
Department of Computer Science &Engineering

Date : 21/03/2023

To,
Mr. Sourabh Daware,
Final Year Student,
Dr.J.J.Magdum College of Engineering,
Jaysingpur.

Subject: -Thanking Letter.

Respected Sir,

As per our request you have accepted our invitation as a Resource person for One Day Technical Workshop on **" Web Development "** under Augmentation Cell on Tuesday **21/03/2023, Time: 09:30 am 04:30pm**.You delivered the session very well.

On behalf of Augmentation Cell & Department of Computer Science and Engineering, we are thankful that you have given your precious time & effective knowledge for TY students through this session.

Thanking you,

Prof.S.S.Satpute
Augmentation Cell coordinator

Dept. of CSE

Dr.Prof.Mrs.D.A.Nikam
HOD (CSE Dept)

Received

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Dr. J.J. Magdum Trust's
Dr. J.J. Magdum College of Engineering, Jaysingpur 416101
Department of Computer Science &Engineering

Date : 21/03/2023

To,
Mr. Sourabh Daware,
Final Year Student,
Dr.J.J.Magdum College of Engineering,
Jaysingpur.

Subject: -Thanking Letter.

Respected Sir,

As per our request you have accepted our invitation as a Resource person for One Day Technical Workshop on " **Web Development** " under Augmentation Cell on Tuesday **21/03/2023, Time: 09:30 am 04:30pm**.You delivered the session very well.

On behalf of Augmentation Cell & Department of Computer Science and Engineering, we are thankful that you have given your precious time & effective knowledge for TY students through this session.

Thanking you,

Prof.S.S.Satpute
Augmentation Cell coordinator

Dept. of CSE

Dr.Prof.Mrs.D.A.Nikam
HOD (CSE Dept)

Received
S.Daware

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Dr. J. J. Magdum College of Engineering , Jaysingpur.
Department of Computer Science & Engineering

Sem. - II T. Y. B. Tech Year :- 2022-23

Attendance Sheet

Workshop on "Web Development" under Augmentation Cell

Roll NO	Name	Sign
1	BAWADEKAR SUYOG SUNIL	
2	BHAGAT KUNDAN SUDARSHAN	
3	BHOSALE OMKAR SURESH	
4	BHOSALE VAISHNAVIDEVI ARVIND	
5	BIRAJDAR MALLIKARJUN MAHADEV	
6	BUJARE HARSHAD MADHUKAR	
7	CHAVAN PRANJAL SANJAY	Chavan
8	DAPALE YOGESH YASHVANT	
9	DESAI SHRAVANI BABURAO	
10	EDAKE PRATIKSHA SAMBHAJI	
11	FARAKTE PRATIK SANJAY	
12	GADAD AZHAR MAHAMMEDGOUS	
13	GAIKWAD RUTUJA DINANATH	Rutuja
14	GAVALI SUJAY PRABHAKAR	
15	HODAGEPATIL MILIND SANJAYKUMAR	
16	JARE BALAJI MARUTI	Balaji
17	KALE AKASH VIJAY	
18	KALE YASH SANTOSH	
19	KAMALAKAR DEEP SACHIN	
20	KAMAT AMEY SACHIN	Amey
21	KHADE ARATI GAJANAN	
22	KOLEKAR SAMEER LAXMAN	
23	KONURI PRAJWAL TATYASAHEB	
24	KULKARNI BHAKTI BALAVANT	
25	MAGADUM TANMAY TANAJI	
26	MAKOTE PRANALI PRAMOD	
27	MASAL KAJAL AKARAM	
28	MUDALKAR YOGESH BALKRISHNA	
29	NANDGAONKAR ABHISHEK SANJAY	
30	PANDEY ABHISHEK VIJAY	
31	PARAGANVE SOMESH APPASAHEB	
32	PATIL ADITI ASHOK	
33	PATIL AKASH MARUTI	Patil
34	PATIL AMRUTA VIJAYKUMAR	Patil
35	PATIL HARSHADA HANMANT	

Dr. J.J. Magdum College Dept

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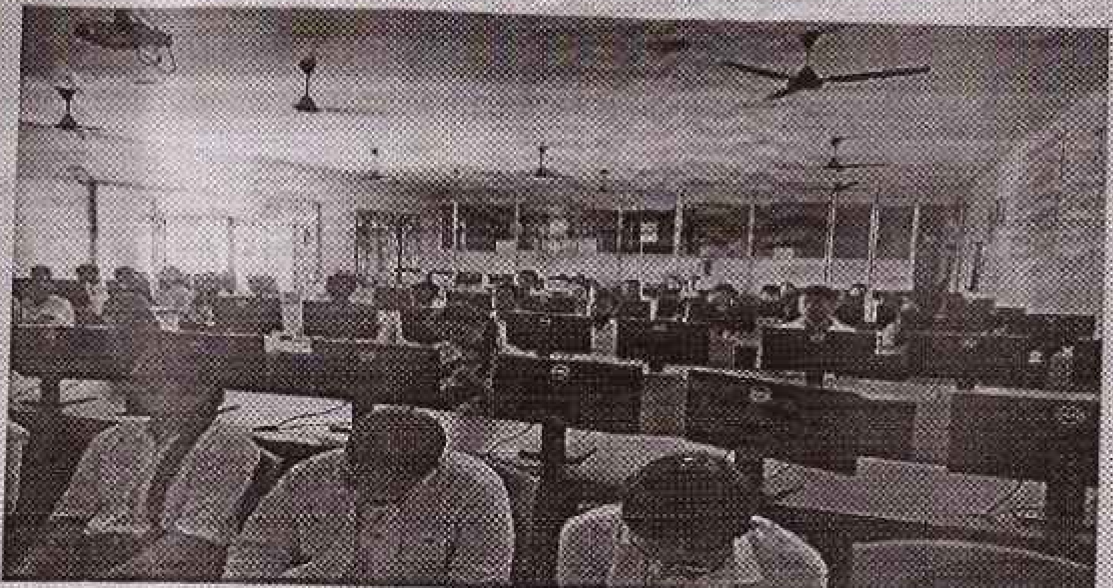

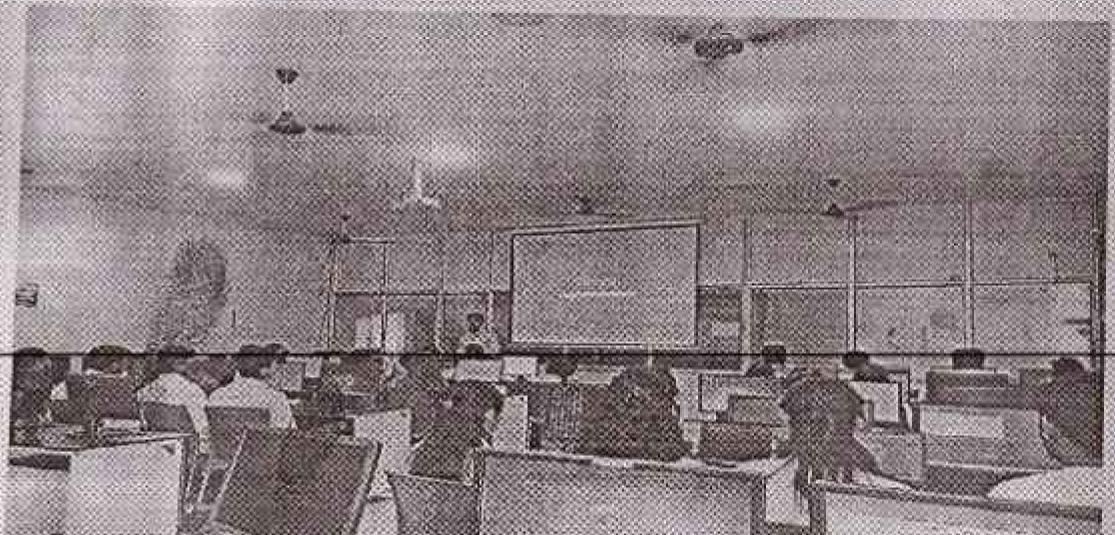

Dept of CSE

Dr. J. J. Magdum College of Engg. Jaysingpur-416101

DR. J.J.MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR 416101

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Dr. J.J. Magdum Trust's (No. E/902)
Dr. J.J. Magdum College of Engineering, Jaysingpur
Department of Computer Science & Engineering

Details of Technical workshops conducted under augmentation cell in Academic year 2022-23 Sem-I

Sr.No	Workshop Name	Resource Person	Class	Date
1	Recent Trends in Cloud Computing	Mr.Amar Kalvikatte,Centre Head, Aviatrix, Netherland.	SY & TY CSE	20/12/2022

Head of Department
(CSE)

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Dr. J.J. Magdum Trust's
Dr. J.J. Magdum College of Engineering, Jaysingpur
Department of Computer Science & Engineering

Date: 17/12/2022

To,
Mr. Amar Kalvikatte,
Centre Head,
Aviatrix, Nethherland.

Subject: Regarding Thanking.

Respected Sir,

As per our request, you accepted our invitation as a resource person for the One Day Workshop on **"Recent Trends in Cloud Computing"** under Augmentation Cell. The sessions was scheduled on Tuesday, 20/12/2022 at 09:.30am.

On behalf of Augmentation cell from department of Computer Science & Engineering, we are thankful that you have given your precious time and effective content for students through these sessions.

You delivered the sessions very well.

Thank you.

Received

Prof. S.S.Satpute
Augmentation Co-ordinator

Dr. D. A. Nikam
H. O. D., C. S. E. Dept.

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Dr. J.J. Magdum Trust's
Dr. J.J. Magdum College of Engineering, Jaysingpur
Department of Computer Science & Engineering

Date: 17/12/2022

To,
Mr. Amar Kalvikatte,
Technical Leader,
Aviatrix, Netherland

Subject: **Invitation as a resource person for one day Technical Workshop on "Recent Trends in Cloud Computing" under Augmentation Cell**

Respected Sir,

We, department of Computer Science & Engineering organized one day Technical Workshop on **"Recent Trends in Cloud Computing"** under Augmentation Cell for the students of SY and TY CSE. We are pleased to invite you a resource person for the session on Tuesday, 20/12/2022 at 09:30am.

Please kindly accept the request.

Thank you.

Received
Kalvikatte

Prof. S.S.Satpute
Augmentation Co-ordinator

Dr. D. A. Nikam
HOD [CSE Dept.]

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Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering

Department of Computer Science and Engineering

Technical Augmentation on "Recent Trend in Cloud Computing"

Date :- 20 / 12 / 2022.

Roll No.	Name of the Students	Session1 9.30 a.m. To 11.30 a.m.	Session 2 11.40 a.m. To 1.40 p.m.	Session 3 2.30 p.m. To 4.30 p.m.
17	Prathmesh. S. Wadke.			
22	Hrishikesh V. Jyothi			
25	Samarth .Y. Khot.			
47	Prathmesh pujari	P.P.Pujari	P.P.Pujari	P.P.Pujari
39	Aryan patil			
41	Pruthviraj patil			
60	Gayatri M Suryawanshi			
04	Srushti . R . Chalke			
54	Prithviraj Salpete			
53	Shivam Saraswat			
18	Gundap Saurabh			
16	Prathmesh Ghorpade			
21	Pratik Sawant			
52	Pranav S. Salokhe			
34	Saurabh B Mohite			
24	SyedHesham H. Kazi	Sayed	Sayed	Sayed
30	Mahavir B. magdum			
69	Sankalp S. Desai			
03	Prathamesh U Bavachkar			
58	Aryan Shinde	Aryan	Aryan	Aryan
42	Ranjit patil			
01	Prajwal Aarge			
12	Prajwal Gaste			
31	Sanket maigure			
49	Tejas Rangat			
48	Adarsh Raktade.			
64	Sammed Nipannavar		A.Sam	
68	Shubham desai.		Desai	Desai
02	Rutuja Awale	Rutuja	Rutuja	Rutuja
46	Sai pawar			
33	Sanika mohite.			
73	pallavi p Hajare	P.P.Hajare	P.P.Hajare	P.P.Hajare
51	Aishwarya [illegible]			
15	Shreya Ghelap	Ghelap	Ghelap	Ghelap
62	mayur Tahsildar	mayur	mayur	mayur
23	Sanjana Desh Kagwade	Sanjana	Sanje	Sanje

73 mahi sutar

72 Nehanika mohite

28 Sharwari kulkarni

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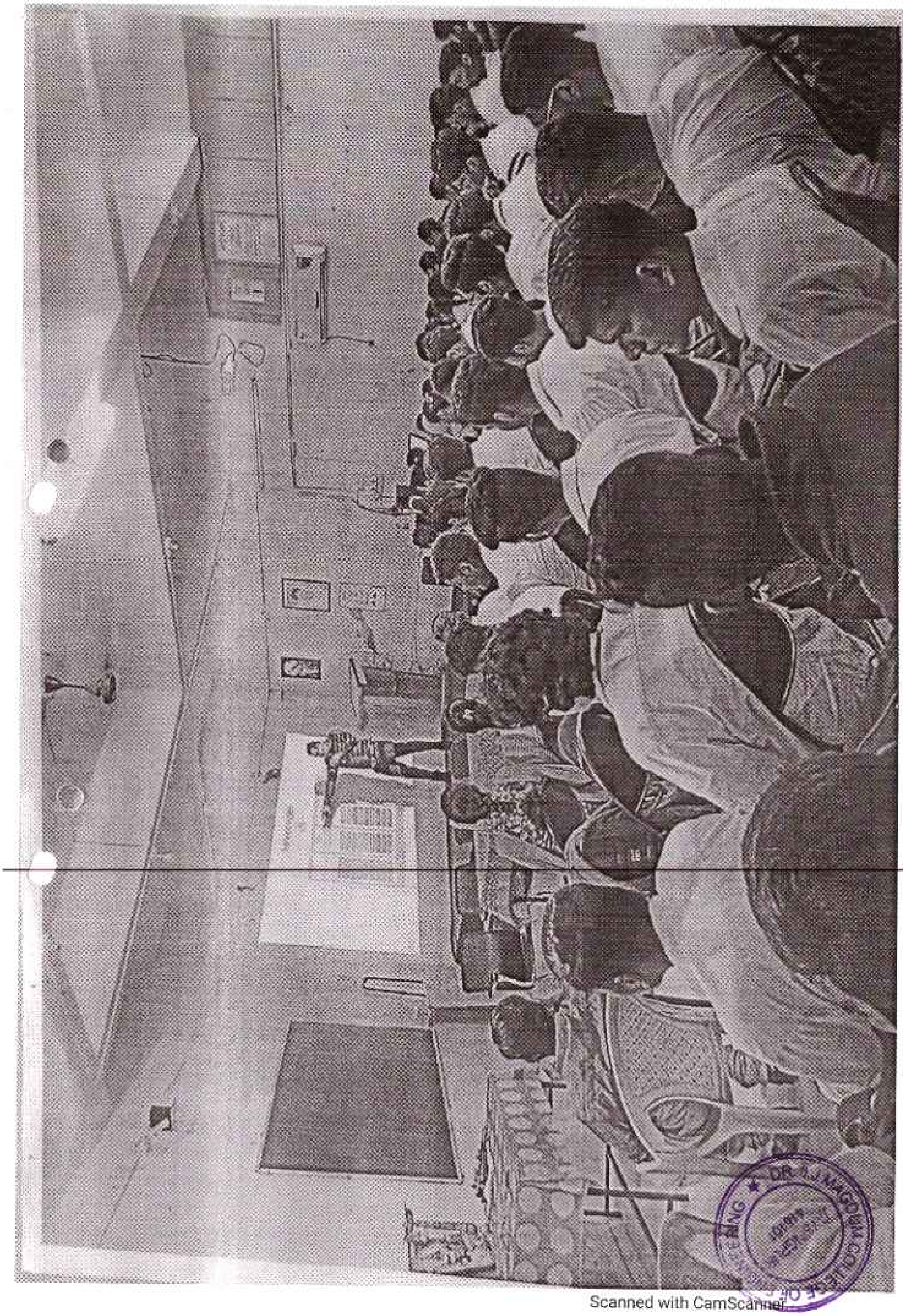

DR. A.J. MAGDUM COLLEGE OF ENGINEERING

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Augumentation Cell - Recent Trends in Cloud Computing.

DR. J. J. MAGDUM COLLEGE OF ENGINEERING
JAYSINGPUR
416101

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B.Tech CSE 2022-23
Project List

Grou	Roll	Name of Student	Remark/ Topic Name	Guide Name
G1	1	**pratiksha Gavali(L)**	Chatbot	Prof.A.V.Gundavade
	2	Neha Chavan		
	3	Hasnain Lakhani		
	4	Bishal Malakar		
G2	5	**Jivan Ananda Patil(L)**	Geofencing Hospitality	Prof.S.A.Narde
	6	Tejas Adhik Shinde		
	7	Pratik Parashram Jadhav		
	8	Shreyas Sunil Kamble		
G3	9	**Snehal Shivshant Patil(L)**	Construction Site Inspection by using Drone/UAV	Prof.Dr.D.A.Nikam
	10	Vivek Sanjaykumar Admuthe		
	11	Rushikesh Krishna Patil		
	12	Nischay Pradip Bhokare		
G4	13	**Vinayak Rajendra Sutar(L)**	Face Recognition attendance system	Prof.P.S.Ambupe
	14	Ajit mali		
	15	Mayuresh Mahesh Pujari		
	16	Sandesh Rajgonda Patil		
	17	MORE PRAJAKTA CHANDRAKANT		
G5	18	**Sanmay Anil Majlekar(L)**	Mall Customer Segmentaion	Prof.Dr.D.A.Nikam
	19	Prem Subhash Hogade		
	20	Sourabh Shivkumar Kesharwani		
	21	Vishwjeet Vijay Powar		
G6	22	**Saurabh Shivaji Daware(L)**	Urban Emergency Even Detection Using Social Media	Prof.Dr.D.A.Nikam
	23	Priyanka Mahadev Bamnale		
	24	Aishwarya Ashok Patil		
	25	Ruchita Uddhav Bhosale		
	26	AVADOBA SHAILESH KESHAV		
G7	27	**Mahesh Siddhu Dhangar(L)**	E- Health Care Cloud Solution	Prof. S.S.Salpute
	28	Aniket Govind Todkar		
	29	Pratik Rajendra Jatrate		
	30	Sourabh Bapuso Kole		
	31	BHANDARE ABHISHEK SANJAY		
G8	32	**Shraddha Rajendra Kore(L)**	Sponsored Website for Jewellery shop	Prof.A.V.Gundavade
	33	Sonika Hanmantrao Mahind		
	34	Takshak Vikram Desai		
	35	Komal Dewadas Dhok		
G9	36	**Aakanksha Kumbhar(L)**	Automatic Billing trolley	Prof.A.V.Gundavade
	37	Siddhi Shrirang Kundale		
	38	Rutuja Vijay patil		
	39	Tanuja Shivaji Sawant		
G10	40	**Manali Balasaheb Narute(L)**	Weather Forcast	Prof.P.V.Kothawale
	41	Sakshi Anil Patil		
	42	Karan Pandurang Kumbhar		
	43	Rija Kudartali Bagwan		
G11	44	**Harshwardhan Shinde(L)**	E-Prescription	Prof.P.S.Pathak
	45	Siddharth Ashok Khubikar		
	46	Abhishek Deelip Unde		
	47	Shreyas Haridas Shirke		

DR. J.J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR 416101

Dr. J. J. Magdum College of Engg. Jaysingpur 416101 Dept. of CSE

G12	48	**priyanka uttam yedage(L)**	Activity Monitoring For Smart Campus	Prof.P.V.Kothawale
	49	uttara uday repe		
	50	rutuja uttam patil		
	51	UTTURE OMKAR ANIL		
G13	52	**Harshal Rajgonda Chandob**	Sponsored website for Society	Prof.P.V.Kothawale
	53	Radhika Raosaheb Bhosale		
	54	Nutan Rajendra Sawant		
	55	Aditi Suresh Patil		
G14	56	**Nihal Jamil Shaikh(L)**	IOT Based Advertizing Display	Prof. R.D.Mane
	57	Harshvardhan Rajendra Patil		
	58	Prathamesh Vishnu Rokade		
	59	Pramod Vijay Powar		
G15	60	**Prajakta Shashikant Patil(L**	Video Summerization For Servillence	Prof.P.S.Pathak
	61	Amruta Shinde		
	62	Purva Takale		
	63	Sanket Patil		
G16	64	**Pournima Adgane(L)**	Smart EV Charging Station	Prof. S.S.Satpute
	65	Isha Patil		
	66	Sakshi Jagdale		
	67	Kiran Narute		
G17	68	**Snehal Bhanase(L)**	Woman Safety App	Prof.S.B.Farade
	69	Kshitija Chavan		
	70	Pranav Gidde		
	71	Siddhesh Godhade		
G18	72	**Sadiya Ramjan Nadaf(L)**	Task Management application	Prof.S.A.Narde
	73	Rutuja Tanaji Kamble		
	74	Dhanashri Nilkanthrao Ghatage		
	75	Pratiksha Rajendra Jangam		
G19	76	**Kedar Indrajeet Sutar(L)**	Diabetes Prediction Using ML	Prof.S.B.Farade
	77	Roshankumar Nayaku Lavate		
	78	sankita katekar		
	79	Joya shaikh		
G20	80	**Samruddhi Dixit(L)**	Thyroid Detection Using ML	Prof. R.D.Mane
	81	Kranti Wani		
	82	Anjali Mali		
	83	Sonali Mohite		

Prof. P. S. Pathak
DRC Head

Prof. D.A. Nikam (HOD)
HOD

Dr. J. J. Magdum College of Engg. ★ 416101 ★ Jaysingpur
Dept. of CSE

★ DR. J.J.MAGDUM COLLEGE OF ENGINEERING
JAYSINGPUR 416101

A
PROJECT REPORT
ON
"Chattery The Chatbot"

Submitted by

Name of Student	*Roll No.*
Miss. Pratiksha Popat Gavali	**01**
Miss. Neha Pradip Chavan	**02**
Mr. Hasnain Rizwan Lakhani	**03**
Mr. Bishal Benu Malakar	**04**

Under the Guidance of

Name of Guide Mrs. A.V.Gundavade

DEPARTMENT OF COMPUTER SCIENCE &
ENGINEERING
Dr. J. J. Magdum College of Engineering, Jaysingpur.
Academic Year

2022-2023

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering,

Jaysingpur – 416 101.

CERTIFICATE

This is to certify that,

Miss. Pratiksha Popat Gavali (Team Leader)

Miss. Neha Pradip Chavan

Mr.Hasnain Rizwan Lakhani

Mr.Bishal Benu Malakar

have satisfactorily completed the Project Phase –II entitled **"Chattery The Chatbot"** in partial fulfillment for award of Bachelor of Engineering Degree in Computer Science & Engineering by Shivaji University, Kolhapur in Academic Year-2022-23 Semester-II.

Mrs. A.V.Gundavade.
Project Guide

Patil.
Dr. D. A. Nikam.
Head Dept.CSE

Patil.
Principal

External Examiner

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Computer Science & Engineering

CERTIFICATE

This is to certify that, the project entitled,

"Chattery The Chatbot"

is presented before Department Research Committee (DRC) by,

Sr. No.	Name of Student	Roll No.
1.	Pratiksha Popat Gavali	1
2.	Neha Pradip Chavan	2
3.	Hasnain Rizwan Lakhani	3
4.	Bishal Benu Malakar	4

Under the guidance of Mrs. A.V.Gundavade for the academic Year 2022-23.

The DRC has consented to give the approval for the said project.

Head,

Department Research Committee, (DRC)

Department of Computer Science & Engineering

416101

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FORM – 1
Application for Registration of Designs.
Sections 5 and 44

You are requested to register the accompanying in:

Class No___________ in the name, ;

Dr. J J Magdum College of engineering	Dr. J. J. Magdum College of Engineering, Jaysingpur
Prof. Mrs. A. V. Gundavade	Dr. J. J. Magdum College of Engineering, Jaysingpur
Ms. Aakanksha Bharat Kumbhar	Dr. J. J. Magdum College of Engineering, Jaysingpur
Ms. Siddhi Shrirang Kundale	Dr. J. J. Magdum College of Engineering, Jaysingpur
Ms. Rutuja Vijay Patil	Dr. J. J. Magdum College of Engineering, Jaysingpur
Ms. Tanuja Shivaji Sawant	Dr. J. J. Magdum College of Engineering, Jaysingpur

who claim(s) to be the proprietor(s) thereof

Category of applicant : Natural Person ( ) Small Entity ( ) Others (●)

Four exactly similar **DRAWINGS** of the design accompany this request.

The design is to be applied for a new design of the AUTOMATIC BILLING TROLLEY

~~The design has been previously registered in~~

~~Classe(s)__________ Under No________________~~

~~Details of first application in UK or convention country or group of countries or~~

~~(i) Name of Country :~~	
~~(ii) Official date :~~	
~~(iii) Official number :~~	

DR. J.J.MAGDUM COLLEGE OF ENGINEERING
JAYSINGPUR
416101

Address For Service In India Is –	**Name :** Dr. J J Magdum College of engineering **Address: Gat No. 314/330 , Shirol - Wadi Road, Agar Bhag, Jaysingpur, Maharasht** **416101** **Email ID:** principal@jjmcoe.ac.in **Phone no :** 8905298150

Declaration :
The applicant claims to be the proprietors of the design and that to the best of their knowledge and belief design is new or original

Dated this 26 May 2023

For, (Applicant)

Dr. J J Magdum College of engineering

Prof. Mrs. A. V. Gundavade

Ms.Aakanksha Bharat Kumbhar

Ms.Siddhi Shrirang Kundale

Ms.Rutuja Vijay Patil

Ms.Tanuja Shivaji Sawant

TO
THE CONTROLLER OF DESIGNS,
THE PATENT OFFICE, KOLKATA

55

Dr. J J Magdum College of engineering
Prof. Mrs. A. V. Gundavade
Aakanksha Bharat Kumbhar
Siddhi Shrirang Kundale
Rutuja Vijay Patil
Tanuja Shivaji Sawant

The modern age of technology in which most of the customer needs to wait **in the supermarket for shopping because** it is a highly time-consuming process. A huge crowd in the **supermarket at the time of discount offers** or weekends makes trouble to wait in long queues because of billing **process. Looking at the today's conditions** the contactless system has a huge need in society. The lesser we **make contact it will be more beneficial** for the health. This project proposes the same objective to make the **shopping contactless.**

In this project we designed the system which will make the bill automatically **and also has a contactless payment** method. The project is based on raspberry pi. The raspberry pi with load **cell, sensors and motors are integrated** with trolley. The trolley has a barcode scanning system. When user **wants to put product in trolley, customer** has to scan the product. Motors are used to open the trolley door to put **products inside it when the product is scanned.** The weight sensor calculates the added weight and compares **it with the weight of product saved** at the database. If it didn't match it will trigger the shop owner or lock **the trolley. When the product is scanned** the amount of product is added to that specific trolley bill. When the **shopping is over it will generate a bill** and send it on the app designed for this system. Then in that app user **can make payment using the app wallet** and complete the transaction. After the payment the trolley door will **be open and user can collect all his goods.**

Figure 1 is a Front View of an **"AUTOMATIC BILLING TROLLEY"** of our new design;

Figure 2 is a Rear View thereof;

Figure 3 is a Top View thereof;

Figure 4 is a Bottom View thereof;

Figure 5 is a Left Side View thereof;

Figure 6 is the Right Side View thereof;

Figure 7 is the Perspective View thereof;

For, (Applicant)

Dr. J J Magdum College of engineering
Prof. Mrs. A.V.Gundavade
Ms. Aakanksha Bharat Kumbhar
Ms. Siddhi Shrirang Kundale
Ms. Rutuja Vijay Patil
Ms. Tanuja Shivaji Sawant

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Dr. J J Magdum College of engineering
Prof. Mrs. A. V. Gundavade
Aakanksha Bharat Kumbhar
Siddhi Shrirang Kundale
Rutuja Vijay Patil
Tanuja Shivaji Sawant

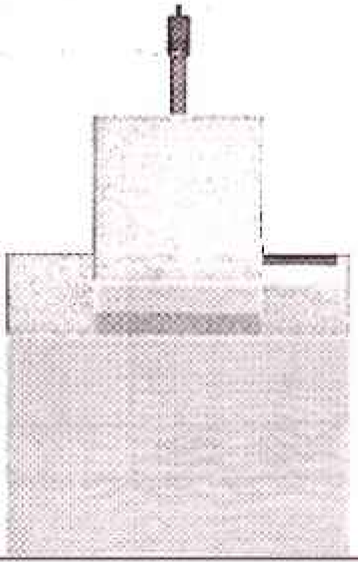
We Claim that:

The novelty resides in the shape and configuration of the **"AUTOMATIC BILLING TROLLEY" as illustrated.**

No claim is made by virtue of this registration in respect of any mechanical or other **action of any mechanism** whatever or in respect of any mode or principle of construction of the Article.

No claim is made by virtue of this registration to any right to the exclusive use of the words, letters, **numbers, Color** or trademarks appearing in the representation.

Dated : 26 May 2023



FRONT VIEW

For, (Applicant)

Dr. J J Magdum College of engineering
Prof. Mrs. A.V.Gundavade
Ms. Aakanksha Bharat Kumbhar
Ms. Siddhi Shrirang Kundale
Ms. Rutuja Vijay Patil
Ms. Tanuja Shivaji Sawant

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Dr.J.J.Magdum College of Engineering

Department of Computer Science and Engineering.

Domain Specific Mini Project

Group.No.	Name	Roll No	Project Title
GP 01	Malikarjuun Mahadev birajdar	5	Krishna Milk Website
	Pranjal Sanjay Chavan	7	
	Amruta Vijaykumar Patil	34	
	Sushant Suresh Teli	51	
	Shreya Jaywant Thombare	52	
GP 02	Pallavi Ramesh Hajare	73	AI Chatbot
	Sourabh Sukhadev Panhale	57	
	Tanmay Tanaji Magadum	25	
	Abhishek Vijay Pandey	30	
GP 03	Gadad M.Azher M.Gous	12	Not yet Submitted
	Farakate Pratik Sanjay	11	
	Yogesh Yashvant Dapale	8	
	Milind Sanjaykumar Hodagepatil	15	
	Yogesh Balkrishna Mudhalkar	28	
GP 04	Pratiksha Sambhaji Edake	10	JJMCOE Girls hostel Website Modeling Designing Animator
	Pranali Deepak Surve	48	
	Sofiya Taiyaballi Sutar	50	
	Madhuri Mahadev Shinde	47	
GP 05	Vaishnavi Arvind Bhosale	4	Computer Center Website Online Reception List Website
	Arati Gajanan Khade	21	
	Pranali Pramod Makote	26	
	Harshada Hanmant Patl	35	
	Anushree Deepak Mutalik	62	
GP 06	Amey Sachin Kamat	20	Buildings and Construction Record Maintaining Website
	Balaji Maruti Jare	16	
	Shruti Ravindra Pol	74	
	Kajal Akaram Masal	27	

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GP 14	Deep Prakash Kulkarni	63	E-Learning Website
	Aman Aayub Sutar	66	
	Omkar Baburao Kamble	71	
	Sudarshan Sanjay Patil	75	
	Tanjila Jamir Shaikh	65	
GP 15	Bujare Harshad Madhukar	6	Responsive Blog Website Resume Builder Website Health Care
	Gavali Sujay Prabhakar	14	
	Bhagat Kundan Sudarshan	2	
	Prasanna Chougale	55	
GP 16	Akash Maruti Patl	33	Share Market Strategy Builder Website
	Prajwal Tatysaheb Konuri	23	
	Sangram Baburao Patil	38	
	Tanmay Rhushikesh Patil	40	
	Dhiraj Suryakant Jadhav	61	

16/03/2023

Prof.S.B.Farande

Subject Teacher

20/3/23

Dr.Prof.Mrs.D.A.Nikam

HOD (CSE Dept)

DR. J.J. MAGDUM COLLEGE OF ENGINEERING
JAYSINGPUR
416101

A

Domain specific Mini Project

On

"Website for Krishna Milk Union"

Submitted by,

Name of Students: -	Roll No
1. **Birajdar Mallikarjun Mahadev**	05
2. **Chavan Pranjal Sanjay**	07
3. **Patil Amruta Vijaykumar**	34
4. **Teli Sushant Suresh**	51
5. **Thombare Shreya Jaywant**	52

1/6/23

Date: - 1 / 6 /2023 **Prof. S.B. Farande**

Place- Jaysingpur Project Guide

Year of Submission

2022-23

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416101

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur. 416101

Department of Computer Science & Engineering.

CERTIFICATE

This is to certify that the project report titled " *Website for Krishna Milk Union*" submitted by,

1. Birajdar Mallikarjun Mahadev	05
2. Chavan Pranjal Sanjay	07
3. Patil Amruta Vijaykumar	34
4. Teli Sushant Suresh	51
5. Thombare Shreya Jaywant	52

In partial fulfilment of requirement for the semester-II of Second Year in Computer Science & Engineering. This is a record of their work carried out by them under supervision and guidance during academic year 2022-23.

1/6/23

Prof. S.B. Farande
Project Guide

Dr. D. A. Nikam
H.O.D. CSE Dept.

Patil

Dr. S. B. Patil
Principal

15/06/2023

External Examiner

JAYSINGPUR 416101

Dr. J.J. Magdum College of Engineering, Jaysingpur
Department of Computer Science & Engineering
STTP / Workshop / FDP attended Year 2022-23

Sr.No	Faulty name	STTP/Workshop/FDP attended	Date From -to	Organizing College/Institute
1	Dr. D. A. Nikam, Prof. S. S. Satpute, Prof. P. S. Ambupe, Prof. S. A. Narade, Prof. R. D. Mane, Prof. P. V. Kothawale, Prof. S. B. Farande, Prof. A. V. Gundvade, Prof, P. S. Pathak	One day FDP on Recent Trends in Cloud Computing	03-12-2022	Dr. J. J. Magdum College of Engg. Jaysingpur
		One day workshop on Stress Management and Meditation	20-12-2022	Dr. J. J. Magdum College of Engg. Jaysingpur
		One day FDP on Amazon Web Services(AWS) Cloud	21-03-2023	Dr. J. J. Magdum College of Engg. Jaysingpur
		One day workshop on Research Funding Scheme and Writing Proposal	18-03-2023	Dr. J. J. Magdum College of Engg. Jaysingpur
2	Prof. P.S. Pathak	Two days workshop online FDP on "Research Methodology :Tools and Techniques"	25/03 -26/03/2023	Bharati Vidyapeeth College of Engg.Kolhapur
3	Dr. D.A.Nikam	Five Days FDP on "Data Science: Tools & Research	1/11/2022 to 05/11/2022	Department of AI & DS, VIIT Pune
4	Mrs. A. V. Gundavade	5 Days FDP on "Deep Learning Application Development, Tools and Research	28th Feb -4th March 2023.	Department of AI and DS, VIIT, Pune, India
5	Mrs. P. S. Pathak			
6	Mrs. A. V. Gundavade	Fog-Edge Computing & Data Science	17th Jan to 21st Jan 2023	D. Y. Patil Institute of Technology , Pune
7	Mrs. S. B. Farande	Two days workshop online FDP on "Research Methodology :Tools and Techniques"	25/03 -26/03/2023	Bharati Vidyapeeth College of Engg.Kolhapur

FDC Coordinator

HOD [CSE Dept.]

CERTIFICATE OF PARTICIPATION

IS AWARDED TO

Dr. Deepali Avinash Nikam

For actively participating in 5 days Faculty Development Program on "Data Science :Tools and Research" organized by Department of Artificial Intelligence and Data Science, VIIT, Pune in association with Society for Data Science, India held from 1st to 5th November 2022.

Yashwant Ingle
istant Professor
&DS Dept, VIIT

Mr. Mandar Diwakar
Assistant Professor
AI&DS Dept, VIIT

Dr. Parikshit Mahalle
Head of Dept
AI&DS

Dr. Neha Sharma
Secretary
S4DS, India

Amol Goje
Dr. Amol Goje
Chairman
S4DS, India

Dr. Vivek
Deshpande
Director-VIIT, Pune

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Dr. J. J. MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR.

ISO 21001:2018 CERTIFIED INSTITUE

Accredited with 'A' Grade by NAAC

Department of Computer Science and Engineering.

Faculty Development Cell

CERTIFICATE OF PARTICIPATION

This is to Certify that, Mr./Ms./Mrs./ S.A. Narde of CSE Department from JJMCOE, JSP has attended One Day workshop on **"Amazon Web Services (AWS) Cloud"** under **Lead College Program** of Shivaji University, Kolhapur on **Tuesday, 21st March 2023** at Dr. J. J. Magdum College of Engineering, Jaysingpur.

Prof. P. V. Kanawale Co-ordinator	**Dr. Mrs. D. A. Nikam** Convener & HOD, CSE	**Dr. Mrs. S. B. Patil** Principal	**Dr. Sunil S. Admuthe** Campus Director

Dr. J.J. Magdum Trust's

Dr. J.J. Magdum College of Engineering, Jaysingpur
Department of Computer Science & Engineering

Workshop / STTP / FDP Organized

A/Y: 2022-2023

Sr. No.	Year	Name of the workshop/ seminar/ conference	Number of Participants	Date From ~ To
1	2022-23	One day workshop on Stress Management and Meditation	22	20-12-2022
2		One day workshop on Recent Trends in Cloud Computing	18	03-12-2022
3		One day FDP on Amazon Web Services(AWS) Cloud	30	21-03-2023

FDC Coordinator

HOD [CSE Dept.]

Dr. J.J. Magdum Trust's
Dr. J.J. Magdum College of Engineering, Jaysingpur
Department of Computer Science & Engineering

Date: 29/11/2022

To,
The Principal & Campus Director,
Dr. J. J. Magdum College of Engineering,
Jaysingpur.

Subject: - Regarding permission for One Day Workshop on "Stress Management and Meditation".

Respected Sir/Mam,

We, department of Computer Science & Engineering scheduled one day workshop on **"Stress Management and Meditation"** for all the teaching and non-teaching staff

Following are the details –

Day & Date: Saturday 03/12/2022

Time: 10.30am

Venue: CSE Seminar Hall

So, we kindly request you to please allow us to conduct the workshop.

Thanking You.

Dept. of CSE

Prof. P. V. Kothawale
FDP Coordinator, CSE

JAYSINGPUR 416101

Dr. Mrs. D. A. Nikam
H.O.D., CSE

Recommended!
Patil

30/11/22

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Computer Science & Engineering

One Day Workshop

on

"Stress Management and Meditation"

For Teaching & Non - Teaching staff Members

work Pressure
Headache Sadness
STRESS
work Depression

Vanue : CSE Seminar Hall

Day & Date :- Saturday 03/12/2022

Time : 10.30 AM

No Registration fee

Prof. P.V.Kothawale
FDC Co-ordinator

Dr. D. A. Nikam
HOD CSE

Dept of CSE

Dr. S. B. Patil
I/C Principal

Dr. S. S. Admuthe
Campus Director

Dr. J.J. Magdum Trust's
Dr. J.J. Magdum College of Engineering, Jaysingpur
Department of Computer Science & Engineering

Date: 02/12/2022

To,
Dr. Sanjeevani Hawaldar,
Modi Hospital,
Jaysingpur

Subject: **Invitation as a resource person for One day Workshop on "Stress Management and Meditation"**

Respected Sir,

We, department of Computer Science & Engineering organized One day Workshop on "**Stress Management and Meditation**" under Teaching and Non-Technical staff. We are pleased to invite you as a resource person for the same on Saturday, 03/12/2022 at 10.30am.

Please kindly accept the request.

Thank you.

Prof. P. V. Kothawale
FDP Co-ordinator

Dr. D. A. Nikam
HOD [CSE Dept.]

Received

Dr. J.J. Magdum Trust's
Dr. J.J. Magdum College of Engineering, Jaysingpur
Department of Computer Science & Engineering

Date: 03/12/2022

To,

Dr. Sanjeevani Hawaldar,

Modi Hospital,

Jaysingpur

Subject: Regarding Thanking.

Respected Sir / Ma'am,

As per our request, you accepted our invitation as a resource person for the One Day Workshop on **"Stress Management and Meditation"**. The sessions were scheduled on Thursday, 03/02/2022 at 10.30am.

On behalf of FDP cell from department of Computer Science & Engineering, we are thankful that you have given your precious time and effective content for participants through these sessions.

You delivered the sessions very well.

Thank you.

Dr. J.J. Magdum College of Engg. Jaysingpur-416101
Dept. of CSE

Prof. P. V. Kothawale
FDP Co-ordinator
C. S. E. Dept.

Dr. D. A. Nikam
H. O. D., C. S. E. Dept.

Dr. J. J. Magdum Trust's
Dr. J. J. Magdum College of Engineering

Department of Computer Science and Engineering

One Day workshop on Stress Management and Meditation

Teaching Staff

Saturday 03/12/2022

Sr.no	Name of the Participant	Sign
1	Nikesh C Desai (MCA)	
2	snehal B. Patil (MCA)	
3	Snehalata C. Patil (MCA)	sneha
4.	Mrs. P. P. Belagali (ETC)	
5.	Mrs. S. A. Nalde (Etrx)	
6.	Prachi S. Pathak (CSE)	
7.	Archana V. Gundawade (CSE)	
8.	Pravin S. Ambupe (CSE)	
9.	Mrs. Phutane M.U. (ETC)	
10.	Ms. P. R. Desai	
11	Ms. J. T. Patil	Patil
12	Ms. S. J. Chougule.	
13	Ms. P. A. Tanigare	
14	MS. P. R. Patil	
15	Mrs. S. B. Holkar.	SBH.
16	P. V. Kothawale	
17	Prof. R. D. Mane	

Dept. of CSE

JAYSINGPUR 416101

Workshop / STTP / FDP Organized Stress Management & Meditition.

DR. J.J.MAGDUM COLLEGE OF ENGINEERING
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Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Computer Science and Engineering

2022-23

Expert lectures for Academic year 2022-23 Sem-I

Sr.No	Topic	Resource Person	Date Conducted	Audienc	[redacted]
1	Microprocessors	Dr.Mrs.S B Patil, I/C Principal, Dr. J J Magdum college of Engg., Jaysingpur.	11/10/2022	SY CSE	Academ
2	AWS Cloud	Ms.Vanshree Akkalkot, Domain Computer, Sangli	16/11/2022	B Tech	Industr experi
3	Relations and functions	Prof. Ms.A B Shikalgar, Assistant professor, CSE Dept, ADCET Ashta	02/12/2022	SY CSE	Academic
4					

Dr. J.J. Magdum College of Engg.
Dept. of CSE
Jaysingpur-416101

H.O.D.
(CSE Dept.)
Dr. J.J. Magdum College of Engg.
Jaysingpur-416101.

4/12/22
A.V. Gundavade
expert lecture coordinator

Dr. J. J. Magdum Trust's
Dr. J. J. Magdum College of Engineering, Jaysingpur.
Department of Computer Science & Engineering
2022-23

Date: 11-10-2022

To,

Dr.Mrs.S B Patil,
I/C Principal,
Dr. J J Magdum college of Engg.,
Jaysingpur.

Respected Madam,

Thank you very much for delivering an informative and thought provoking lecture on **"Microprocessors"** at Computer Science & Engineering department on 11th Oct 2022.

All the students appreciated and got benefited from your expert knowledge of the subject.

Looking forward for your cooperation in future as well.

Thanking you,
With warm Regards.

Mrs.A.V.Gundavade
Co-ordinator Expert/Guest Lecture

Dr. Mrs.D.A.Nikam
HOD CSE Dept

Dept. of CSE

Patil

JAYSINGPUR 416101

Dr. J. J. Magdum Trust's
Dr. J. J. Magdum College of Engineering, Jaysingpur.
Department of Computer Science & Engineering
2022-23

Date: 07-10-2022

To,

Dr.Mrs.S B Patil,

I/C Principal,

Dr. J J Magdum college of Engg.,

Jaysingpur.

Subject: **Invitation Letter**

Respected Madam,

We are pleased to have the honor of inviting you to deliver expert lecture at Department of Computer Science & Engineering. Topic for this lecture will be **"Microprocessors"** and will be for SY CSE class.

Venue:

Place: Classroom no. 201

Day and Date: 11/10/2022

Time: 11.40am to 1.40pm.

Taking into account your interest and expertise in this field, we hope to welcome you soon at the venue of this expert lecture.

So please accept our invitation and do the needful.

Thanking you,

With warm regards.

Mrs.A.V.Gundavade

Co-coordinator Expert/Guest Lecture

Dr. Mrs.D.A.Nikam

HOD CSE Dept

Dr. J. J. Magdum College of Engg. Jaysingpur-416101
Dept. of CSE

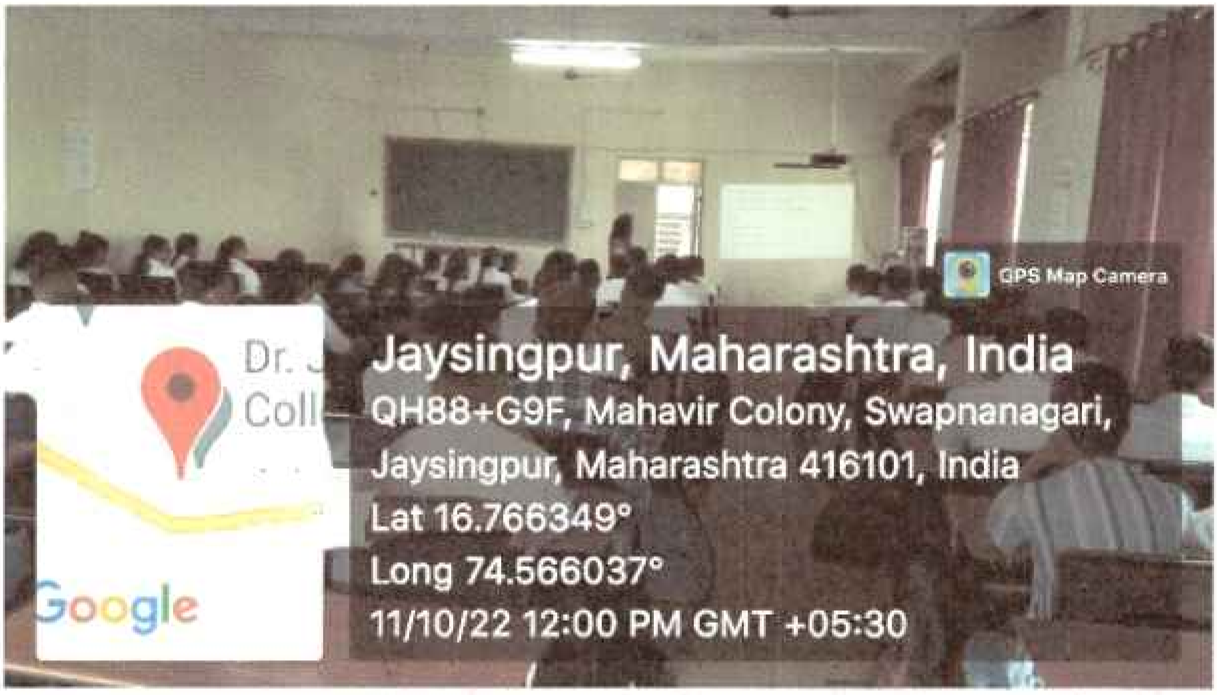
Dr. J. J. Magdum College of Engineering , Jaysingpur.
Department of Computer Science & Engineering
S. Y. B. Tech **Year : 2022-23**
Expert Lecture on Microprocessor Date :- 11/10/2022

Roll No.	Name of the student	Sign
1	ARAGE PRAJWAL PRAMOD	
2	AWALE RUTUJA RAVSAHEB	Rutuja
3	BAVANNAVAR PRATHAMESH UDAY	Prathamesh
4	CHALKE SRUSHTI RAVINDRA	Chalke
5	CHAVAN VAISHNAVI SANJAY	Chavan
6	DARYAWARDI SABIYA RIYAZ	
7	DESAI ADITYARAJ JAYANT	
8	DESAI DIGVIJAY JAYANT	
9	DHOND NIKITA DNYANESHWAR	
10	GADNE SAEED ABIDALI	
11	GAIKWAD AKANKSHA VASANT	A.
12	GASTE PRAJWAL PRATAP	Gaste
13	GAWADE SHEETAL SHARAD	
14	GHODAKE RUSHIKESH ARJUN	
15	GHOLAP SHREYA ANIL	Gholap
16	GHORAPADE PRATHAMESH SANTOSH	Ghorpade
17	GODSE PRATHMESH SADASHIV	Godse
18	GUNDAP SAURABH TUKARAM	
19	JADHAV PRATIK PRAKASH	
20	JAGIRDAR AARIFA HAJRAT	
21	JAVALE PRATIK TANAJI	
22	JYOTHI HRISHIKESH VENKATESH	Jyothi
23	KAGWADE SANJANA SURESH	Kagwade
24	KAZI SAYYADHASHAM H.	Sayyad
25	KHADE SOMNATH YUVARAJ	
26	KHOT ADITYA VIJAY	
27	KOLAP SHUBHAM AMIT	
28	KULKARNI SHARWARI SHRIKANT	SSK
29	KULKARNI SIDDHARTH GANESH	
30	MAGDUM MAHAVEER BABU	
31	MAIGURE SANKET BALGONDA	maigure
32	MALI VRUSHALI NAMDEV	mali
33	MOHITE SANIKA BALU	
34	MOHITE SOURABH BHIMRAO	SBM
35	MUJAWAR HUJEFA RAJU	
36	NADAF MISBA MOULA	
37	PASTE MANALI MAHESH	

38	PATEL MOHAMMADZIYAN MOHAMMADALI	Patel
39	PATIL ARYAN JAYSING	
40	PATIL PRAJWAL BHUSHAN	Patil
41	PATIL PRUTHVIRAJ PRATAP	
42	PATIL RANJIT PRATAPRAO	PPatil
43	PATIL RITESH SHIVAJI	
44	PATOLE OMKAR PRAKASH	Patole.
45	PATTANSHETTI SHRAVANI BASAVRAJ	Shravani
46	PAWAR SAI SACHIL	Sai
47	PUJARI PRATHAMESH PRAKASH	P.P. Pujari
48	RAKTADE AAKASH JOTIRAM	
49	RANGAT TEJAS DILIP	
50	RENDALE VRUSHABH SANJAY	
51	SALMOTE AISHWARYA RAJESHAPPA	
52	SALOKHE PRANAV SHRIKANT	PSS
53	SARASWAT SHIVAM SANDIP	
54	SATPUTE PRITHVIRAJ DATTAPRASAD	
55	SHAIKH ABDULFAIZ ANEES	
56	SHAIKH AFAQ AHMAD YUNUS	
57	SHIKARKHANE PRANAV VISHWANATH	
58	SHINDE ARYAN GAJANAN	
59	SHINDE TANUSHREE SHARAD	Tanushree Shinde
60	SURYAWANSHI GAYATRI MAHESH	G.M.Suryawanshi
61	SWAMI MAYURI MANOJ	
62	TASHILDAR MAYURI RAJESH	M.R.Tashildar.
63	THIPKURLE ASHISH SHASHIKANT	
64	TIPPANAWAR SAMMED SUBHASH	Tippa
65	YADAV HARSHVARDHAN RAJARAM	Hyadav
66	ZITE DIPALI GANPATI	
67	Javed Babu Hallikeri	
68	Guji Pratiksha Mahavir	PMG.
69	Vaisnavi Nivrutti Lad	V.N lad
70	Mengane Rohini Ashok	RAM
71	Piyusha Santosh Suryawanshi	Piyusha
72	Jadhav Ajinkya Prashant	
73	Shravani Shankar Deshingkar	S.S.Deshingkar
74	Asawari Bhaskar Kumbhar	ABK
75	Gaikwad Shreyash Santosh	
76	Kudache Suraj Ravasheb	
77	Kacharc Atharv Atul	A A Kachar
78	SARANG SANJAY TIPUGADE	Sant
79	PATIL RUTURAJ RAJGONDA	Patil

DR. J.J.MAGDUM COLLEGE OF ENGINEERING
JAYSINGPUR
416101

Expert Lecture on Microprocessor.


GPS Map Camera
Dr. J
Coll
Jaysingpur, Maharashtra, India
QH88+G9F, Mahavir Colony, Swapnanagari,
Jaysingpur, Maharashtra 416101, India
Lat 16.766349°
Long 74.566037°
11/10/22 12:00 PM GMT +05:30
Google

GPS Map Camera
Dr. J
Coll
Jaysingpur, Maharashtra, India
QH88+G9F, Mahavir Colony, Swapnanagari,
Jaysingpur, Maharashtra 416101, India
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JAYSINGPUR 416101

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Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Computer Science and Engineering

2022-23

Expert lectures for Academic year 2022-23 Sem-II

Sr. No	Topic	Resource Person	Date Conducted	Audience	Industrial/ Academician
1	Full Stack development AWS cloud	Mr. Nilesh Takale, Itenium Sangli	18/4/2023	TY CSE	Industrial
2	Automata theory	Prof.P S Khot	19/05/2023	SY CSE	Academician
3	Deadstock	Prof. P R Desai	24/05/2023	SY CSE	Academician

H.O.D.
(CSE Dept.)
Dr. J.J. Magdum College of Engg.
Jaysingpur-416101.

Dept. of CSE

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Computer Science and Engineering

2022-23

Date: 18-05-2023

To,

Prof. Pradip S. Khot

Asst.Prof.D.K.T.E,

Ichlkaranji.

Subject: **Invitation Letter**

Respected sir,

We are pleased to have the honor of inviting you to deliver an Expert lecture at Department of Computer Science and engineering. Topic for this lecture will be "**Automata Theory**" and will be for SY (CSE) class.

Venue:

Place: Classroom 102

Day and Date: 19/05/2023

Time: 10:30am. to 01:30pm.

Taking into account your interest and expertise in this field, we hope to welcome you soon at the venue of this expert lecture.

So please accept our invitation and do the needful.

Thanking you,

With warm regards.

Mrs.A.V.Gundavade

Expert Lecture Co-ordinator

Dept. of CSE

Dr.Mrs.D.A.Nikam

HOD CSE

Recived

Dr. J. J. Magdum Trust's
Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Computer Science and Engineering
2022-23

Date: 19-05-2022

To,

Prof. Pradip S. Khot

Asst.Prof.D.K.T.E,

Ichlkaranji.

Respected Sir,

Thank you very much for delivering an informative and thought provoking lecture on **"Automata Theory"** at Computer Science and Engineering department.

All the students appreciated and got benefited from your expert knowledge of the subject.

Looking forward for your cooperation in future as well.

Thanking you,

With warm Regards.

Mrs.A.V.Gundavade
Expert Lecture Co-ordinator

Dr.Mrs.D.A.Nikam
HOD CSE

Dept. of CSE

JAYSINGPUR 416101

Dr. J .J. Magdum College of Engineering, Jaysingpur

Department of Computer Science and Engineering

Expert Lecture Date :- 19-05-2023

Roll No	NAME OF STUDENT	Session 1	Session 2
1	ARAGE PRAJWAL PRAMOD	Arage	Arage
2	AWALE RUTUJA RAVSAHEB	Rutuja	Rutuja.
3	BAVANNAVAR PRATHAMESH		
4	CHALKE SRUSHTI RAVINDRA		
5	CHAVAN VAISHNAVI SANJAY	Chavan	Chavan
6	DESAI ADITYARAJ JAYANT		
7	DESAI DIGVIJAY JAYANT		
8	DHOND NIKITA DNYANESHWAR		
9	GADNE SAEED ABIDALI		
10	GAIKWAD AKANKSHA VASANT		
11	GASTE PRAJWAL PRATAP	Gaste	Gaste
12	GAWADE SHEETAL SHARAD		
13	GHODAKE RUSHIKESH		
14	GHOLAP SHREYA ANIL	Gholap	Gholap.
15	GHORAPADE PRATHAMESH		
16	GODSE PRATHMESH SADASHIV		
17	GUNDAP SAURABH TUKARAM		
18	JADHAV PRATIK PRAKASH	Pratik	Pratik
19	JAGIRDAR AARIFA HAJRAT		
20	JAVALE PRATIK TANAJI	Pratik	Pratik
21	JYOTHI HRISHIKESH		
22	KAGWADE SANJANA SURESH		
23	KAZI SAYYADHASHAM H.		
24	KHADE SOMNATH YUVARAJ		
25	KHOT ADITYA VIJAY		
26	KOLAP SHUBHAM AMIT		
27	KULKARNI SHARWARI S.		
28	KULKARNI SIDDHARTH G.		
29	MAGDUM MAHAVEER BABU		
30	MAIGURE SANKET BALGONDA	Smaigure	Smalgure
31	MALI VRUSHALI NAMDEV	Mali	
32	MOHITE SANIKA BALU		
33	MOHITE SOURABH BHIMRAO		
34	MUJAWAR HUJEFA RAJU		
35	NADAF MISBA MOULA	M.M.Nadaf	M.M.Nadaf.
36	PASTE MANALI MAHESH		
37	PATEL MOHAMMADZIYAN		
38	PATIL ARYAN JAYSING	Patil	Patil.
39	PATIL PRAJWAL BHUSHAN		
40	PATIL PRUTHVIRAJ PRATAP		
41	PATIL RANJIT PRATAPRAO	RPPatil	RPPatil
42	PATIL RITESH SHIVAJI	Patil	Patil
43	PATOLE OMKAR PRAKASH		
44	PATTANSHETTI SHRAVANI	Shravani	Shravani
45	PAWAR SAI SACHIN	Sai	Sai

→Prince.

JAYSINGPUR 416101

46	PUJARI PRATHAMESH P.	P.P. PUJARI	
47	RAKTADE AAKASH JOTIRAM	Aakash	Aakash
48	RANGAT TEJAS DILIP		
49	RENDALE VRUSHABH SANJAY	SRendale	s Rendale
50	SALMOTE AISHWARYA		Aishu
51	SALOKHE PRANAV SHRIKANT	PSS	
52	SARASWAT SHIVAM SANDIP		
53	SATPUTE PRITHVIRAJ		
54	SHAIKH ABDULFAIZ ANEES		
55	SHAIKH AFAQ AHMAD YUNUS		
56	SHIKARKHANE PRANAV	Spranav	
57	SHINDE ARYAN GAJANAN		
58	SHINDE TANUSHREE SHARAD		
59	SURYAWANSHI GAYATRI		
60	SWAMI MAYURI MANOJ		
61	TASHILDAR MAYURI RAJESH	M.R. Tashilde	
62	THIPKURLE ASHISH		
63	TIPPANAWAR SAMMED		
64	YADAV HARSHVARDHAN	Harsh	
65	ZITE DIPALI GANPATI	Dipali	Dipali
66	ARYAN B CHOUGULE		
67	SHUBHAM V DESAI		
68	SANKALP S DESAI		
69	TUSHAR GIDDE	Gidde.	Gidde.
70	ANURAG KURNE		
71	NEHARIKA MOHITE	Neharika	Neharika
72	MANASI SUTAR		
73	TAHURA SHAIKH		
74	ROHINI MENGANE	RAM	RAM
75	NEHA KADAM		
76	SMITA SHINDEWALE		
77	SHARDUL KAUJALGI		

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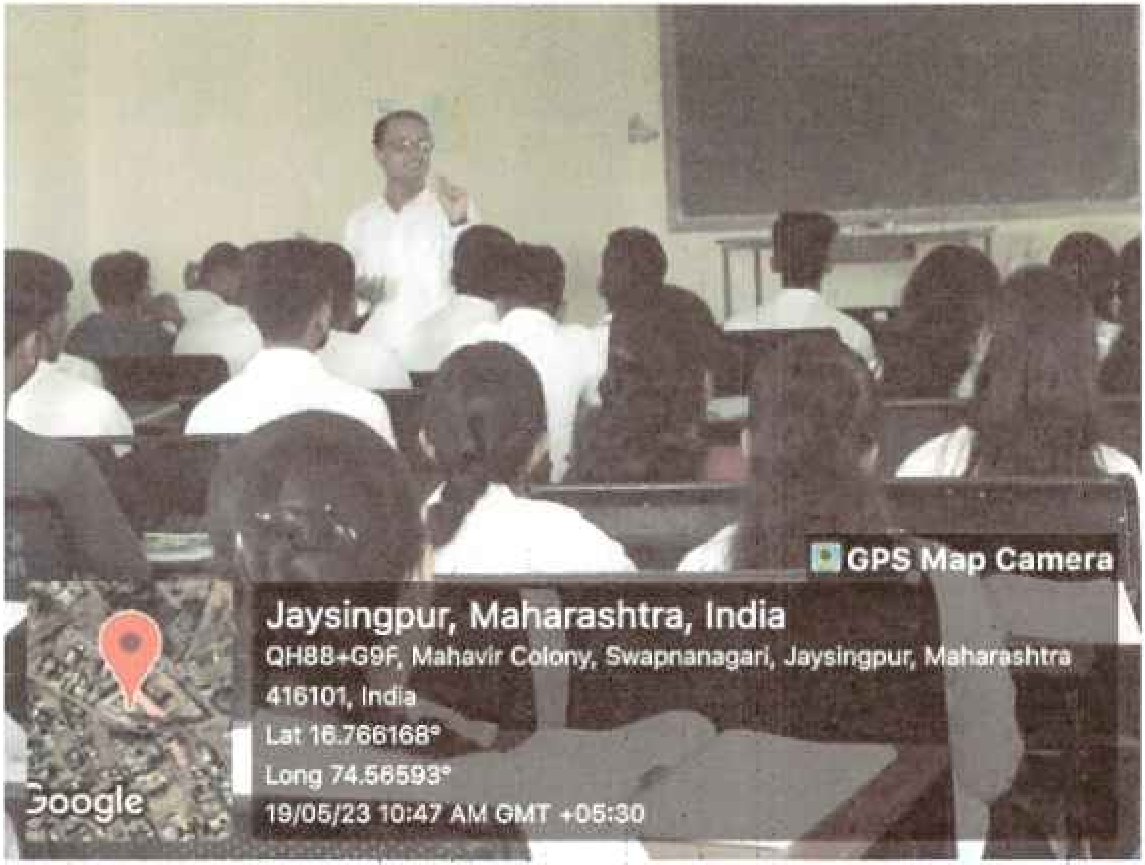
416101

82

Expert Lecture on Automata Theory.


GPS Map Camera
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QH88+G9F, Mahavir Colony, Swapnanagari, Jaysingpur, Maharashtra 416101, India
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Long 74.56593°
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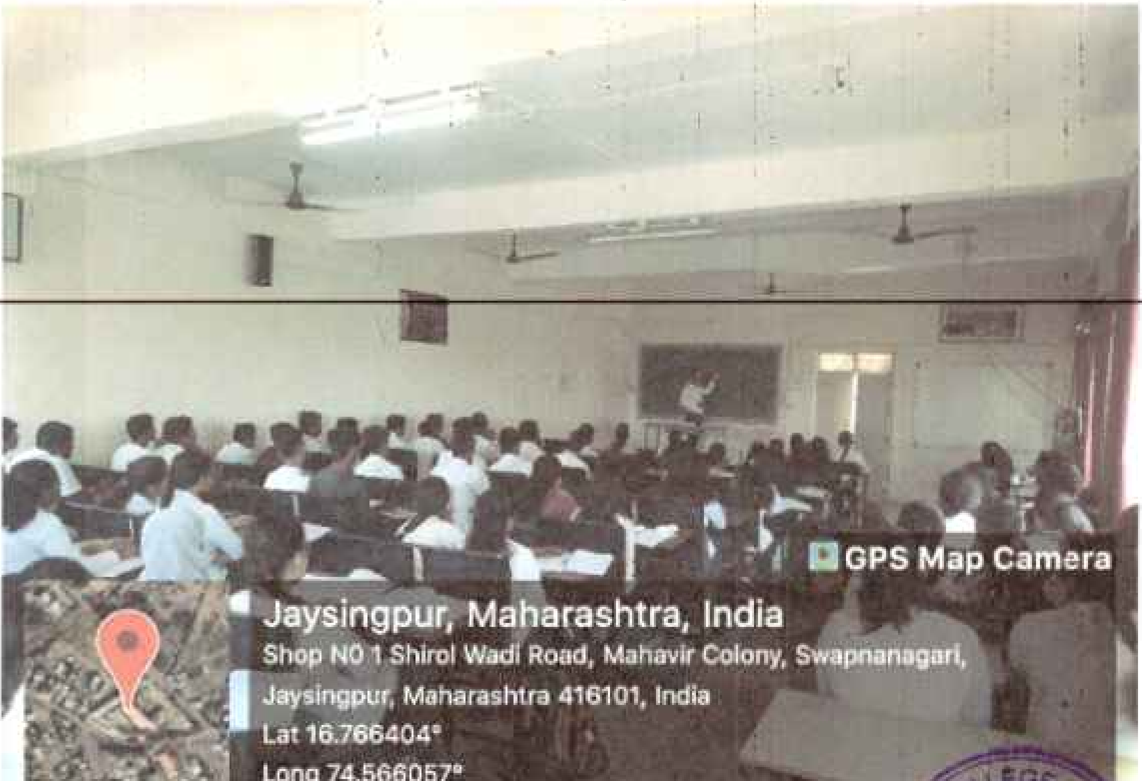
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Jaysingpur, Maharashtra, India
Shop NO 1 Shirol Wadi Road, Mahavir Colony, Swapnanagari, Jaysingpur, Maharashtra 416101, India
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Long 74.566057°
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Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Computer Science and Engineering

2022-23

Guest lectures for Academic year 2022-23 Sem-I

Sr.No	Topic	Resource Person	Date Conducted	Audience	
1	Trends of Latest Technologies in IT	Mr. Nilesh Takale, Director, ITnium , College of International Certification, Sangli.	03/10/2022	TY CSE	Industry expert
2·	Computer Hardware and Networking	Akshay Mane, Owner A M Computers, Shirol.	07/11/2022	SY CSE	Industry expert.

Dept. of CSE

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Computer Science and Engineering

2022-23

Date: 05-11-2022

To,

Akshay Mane,

Owner A M Computers,

Shirol.

Subject: **Invitation Letter**

Respected sir,

We are pleased to have the honor of inviting you to deliver a guest lecture at Department of Computer Science and engineering. Topic for this lecture will be "**Computer Hardware and Networking**" and will be for SY (CSE) class.

Venue:

Place: Seminar Hall and labs of CSE Department

Day and Date: 07/11/2022

Time: 9:30am. to 11:30am.

Taking into account your interest and expertise in this field, we hope to welcome you soon at the venue of this guest lecture.

So please accept our invitation and do the needful.

Thanking you,

With warm regards.

Mrs.A.V.Gundavade

Guest Lecture Co-ordinator

Received

Dr.Mrs.D.A.Nikam

HOD CSE

JAYSINGPUR 416101

Dr. J. J. Magdum Trust's
Dr. J. J. Magdum College of Engineering, Jaysingpur.
Department of Computer Science and Engineering
2022-23

Date: 05-11-2022

To,

Akshay Mane,

Owner A M Computers,

Shirol.

Respected Sir,

Thank you very much for delivering an informative and thought provoking lecture on **"Computer Hardware and Networking"** at Computer Science and Engineeringdepartment.

All the students appreciated and got benefited from your expert knowledge of the subject.

Looking forward for your cooperation in future as well.

Thanking you,
With warm Regards.

Mrs.A.V.Gundavade
Guest Lecture Co-ordinator

Dr.Mrs.D.A.Nikam
HOD CSE

Dept of CSE

Received

Dr. J. J. Magdum College of Engineering , Jaysingpur.
Department of Computer Science & Engineering

S. Y. B. Tech Year : 2022-23

Computer Hardware & Networking Date :- 07/11/2022

Roll No.	Name of the student	Sign
1	ARAGE PRAJWAL PRAMOD	
2	AWALE RUTUJA RAVSAHEB	Rutuja
3	BAVANNAVAR PRATHAMESH UDAY	
4	CHALKE SRUSHTI RAVINDRA	
5	CHAVAN VAISHNAVI SANJAY	
6	DARYAWARDI SABIYA RIYAZ	
7	DESAI ADITYARAJ JAYANT	Desai
8	DESAI DIGVIJAY JAYANT	
9	DHOND NIKITA DNYANESHWAR	Dhond
10	GADNE SAEED ABIDALI	
11	GAIKWAD AKANKSHA VASANT	A
12	GASTE PRAJWAL PRATAP	Gaste
13	GAWADE SHEETAL SHARAD	
14	GHODAKE RUSHIKESH ARJUN	
15	GHOLAP SHREYA ANIL	Gholap
16	GHORAPADE PRATHAMESH SANTOSH	
17	GODSE PRATHMESH SADASHIV	Pgodse
18	GUNDAP SAURABH TUKARAM	
19	JADHAV PRATIK PRAKASH	
20	JAGIRDAR AARIFA HAJRAT	
21	JAVALE PRATIK TANAJI	
22	JYOTHI HRISHIKESH VENKATESH	
23	KAGWADE SANJANA SURESH	
24	KAZI SAYYADHASHAM H.	
25	KHADE SOMNATH YUVARAJ	
26	KHOT ADITYA VIJAY	A.P.Khot
27	KOLAP SHUBHAM AMIT	
28	KULKARNI SHARWARI SHRIKANT	
29	KULKARNI SIDDHARTH GANESH	
30	MAGDUM MAHAVEER BABU	
31	MAIGURE SANKET BALGONDA	
32	MALI VRUSHALI NAMDEV	mali
33	MOHITE SANIKA BALU	Mohite
34	MOHITE SOURABH BHIMRAO	
35	MUJAWAR HUJEFA RAJU	
36	NADAF MISBA MOULA	m.m.nadaf
37	PASTE MANALI MAHESH	

Guest Lecture on Computer Hardware & Networking.

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Google

Jaysingpur, Maharashtra, India
QH88+G9F, Mahavir Colony, Swapnanagari, Jaysingpur, Maharashtra 416101, India
Lat 16.766334°
Long 74.565921°
07/11/22 10:25 AM GMT +05:30

GPS Map Camera
Google

Jaysingpur, Maharashtra, India
QH88+G9F, Mahavir Colony, Swapnanagari, Jaysingpur, Maharashtra 416101, India
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Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Computer Science and Engineering

2022-23

Guest lecture for Academic year 2022-23 Sem-II

Sr.No	Topic	Resource Person	Date Conducted	Audience	Industrial/ Academician
1	Introduction to Python	Mr.Vaibhav Sutar, Director, Vishwa Technologies,Kolhapur.	27/03/2023	SY CSE	Industrial
2	FullStack Development & AWS Cloud	Mr.Nilesh Takale, Director, ITnium, College of International Certification	18/4/2023	TY CSE	Industrial
3	Recent trends in IT	Mr. Sourabh Deotale, CEO Acuratech Pvt.Ltd, Pune.	21/04/2023	TY (CSE) & BTech(CSE)	Industrial
4	Data analytics and Text analytics in Data analysis	Mr. Hakeem Yameen, Corporate trainer, Pune	25/04/2023	TY CSE & B Tech	Industrial

Dept. of CSE

Dr. J. J. Magdum Trust's
Dr. J. J. Magdum College of Engineering, Jaysingpur-416101.
Department of Computer Science & Engineering
2022-23

Guest Lecture

Date: 27/03/23

Class:- SY CSE

Topic:- Pydhon

Attendance

Roll.No	Name Of Student	Sign
48	Tejas Rangat	
01	Prajwal Arage.	Arage
11	Prajwal Gaste,	Gaste
41	Ranjit Patil.	Patil
47	Aakash Raktade.	Raktade
08	Digvijay Desai	
07	Adityaraj Desai	
52	Shivam Sarswat	Shivam
53	Prithviraj Satpute	
24	Samarth Khade	
40	Pruthviraj Patil	
39	Prajwal Patil	
49	Vrushab Yendale	
36	Manali Paste	Paste
04	Srushti Chalke	Srushti
42	Ritesh Patil	Patil
66	Aryan Chougule	Aule
25	Aditya Vijay Khot	Khot
06	Adityaraj Desai	Desai
23	Sayyadhesham Kazi	Sayyad
13	Rushikesh. A. Ghadage	
15	Prathamesh. S. Ghorpade.	Ghorpade
20	Pratik. T. Javale	Pratik
57	Aryan. G Shinde	
30	Saket Maigure	Maigure
38	Aryan Patil	Patil
46	Prathamesh Pujari.	P.P. PUJARI
29	Mahaveer Magdum	

Dept of CSE

JAYSINGPUR 416101

Dr. J. J. Magdum Trust's
Dr. J. J. Magdum College of Engineering, Jaysingpur.
Department of Computer Science and Engineering
2022-23

Date: 24-03-2023

To,

Mr. Vaibhav V. Sutar,
Director, Vishva Technologies,
Kolhapur.

Subject: **Invitation Letter**

Respected sir,

We are pleased to have the honor of inviting you to deliver a guest lecture at Department of Computer Science and engineering. Topic for this lecture will be **"Introduction to Python"** and will be for SY (CSE) class.

Venue:

Place: Classroom 201

Day and Date: 27 th March 2023

Time: 10.00am to 12.00 noon.

Taking into account your interest and expertise in this field, we hope to welcome you soon at the venue of this guest lecture.

So please accept our invitation and do the needful.

Thanking you,

With warm regards,

Mrs.A.V.Gundavade
Guest Lecture Co-ordinator

Dept. of CSE

Dr.Mrs.D.A.Nikam
HOD CSE

Received by
27-3-23

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Computer Science and Engineering

2022-23

Date: 27-03-2023

To,

Mr. Vaibhav V. Sutar,

Director, Vishva Technologies,

Kolhapur

Respected Sir,

Thank you very much for delivering an informative and thought provoking lecture on **"Introduction to Python"** at Computer Science and Engineering department.

All the students appreciated and got benefited from your expert knowledge of the subject.

Looking forward for your cooperation in future as well.

Thanking you,

With warm Regards,

Mrs.A.V.Gundavade

Guest Lecture Co-ordinator

Dr.Mrs.D.A.Nikam

HOD CSE

Dept. of CSE

Received by

27-3-23

Dr. J. J. Magdum Trust's
Dr. J. J. Magdum College of Engineering, Jaysingpur-416101.
Department of Computer Science & Engineering
2022-23

Guest Lecture

Date: 27/03/23

Class:- SY CSE

Topic:- Guest Lecture [python]

Attendance

Roll.No	Name Of Student	Sign
74	Rohini Ashok mengane	RAM
75	Neha Dagadu kadam	Kadam
76	Smita kumar Shindewale	Shindewale
35	Misba moula Nadaf	M.M.Nadaf
31	Vrushali Namdev mali	mali
19	Aarifa hajrat Jagirdar.	
14	shreya Anil Gholap	Gholap
27	Sharvari Shrikant kulKarni	SSK
32	Mohite Sanika Balu.	
02	Awale Rutuja Ravsaheb.	Rutuja.
50	Salmote aishwarya Rajesh	ASalmote.
71	Neharika Mohite	Neharika
72	Manasi vitthal sutar	
08	Nikita Dnyaneshwar Dhond	Dhond
44	Shravani Pattansheth	Shravani
45	Sai Pawar	Sai
10	Akanksha Gaikwad	
61	Mayuri Tashildar.	M.R.Tashildar
22	Sanjana Kagwade.	Kagwade
12	Gawade Sheetal.	
65	Zite Dipali Ganpati	
26	Shubham Amit kolap	
51	Pranav Shrikant Salokhe	
17	Saurabh Tukaram Mundap	
03	Prathamesh Uday Bavannavar	
63	Sammed Tippanawar	Tippanawar
06	Harshvardhan Yadav	Harshw
18	Prasik Prakash Jadhav	

Guest Lecture on Introduction to Python.

GPS Map Camera
Google
Jaysingpur, Maharashtra, India
QH88+G9F, Mahavir Colony, Swapnanagari, Jaysingpur, Maharashtra 416101, India
Lat 16.766228°
Long 74.566017°
27/03/23 10:44 AM GMT +05:30

GPS Map Camera
Google
Jaysingpur, Maharashtra, India
QH88+G9F, Mahavir Colony, Swapnanagari, Jaysingpur, Maharashtra 416101, India
Lat 16.766263°
Long 74.565969°
27/03/23 10:45 AM GMT +05:30

DR. J. J. MAGDUM COLLEGE OF ENGINEERING
JAYSINGPUR
416101

Dr. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering , Jaysingpur

Department of Computer Science & Engineering

AcademicYear 2022-23

Sr. No	Name of Students	Event	Date	Organised By	Status
1	Aishwarya Raje	HORIZON 2K22	23/11/2022	E&TC Dept	Runner Up
2	Nikita Mane	HORIZON 2K22	23/11/2022	E&TC Dept	Runner Up
3	[illegible] Gavali	[illegible] Workshop	[illegible] 29/12/2022	[illegible] University	[illegible]
4	Azhar Gadad	Technical Workshop	03/12/2021 to 04/12/2021	CSE Dept	Participated
5	Tanmay Patil	International Workshop	28/12/2022 to 29/12/2022	Sanjay Ghodawat University	Participated
5	Sahil Sutar	International Workshop	28/12/2022 to 29/12/2022	Sanjay Ghodawat University	Participated
6	Misba Nadaf	REFLEX 2K22	4/6/2022	Ashokrao Mane College Vathar	Participated
7	Misba Nadaf	HORIZON 2K22	23/11/2022	E&TC Dept	Participated
8	Sahil Sutar	ELECTOVERT 2K22	26/11/2022 to 27/11/2022	Walchand College	Participated
9	Vaishnavdevi Bhosale	PMGDISA	Jan-22	Gov of India	Participated
10	Amey Kamat	National Level CODETHON		COE Vizianagram	125 Rank
11	Somesh Pargave	ELECTOVERT 2K22	26/11/2022 to 27/11/2022	Walchand College	Participated
12	Amey Kamat	ELECTOVERT 2K22	26/11/2022 to 27/11/2022	Walchand College	Participated
13	Pramod Pawar	World Health Day		ADCET Ashta	Participated
14	Pramod Pawar	TECHUTSAV 2K21	12/3/2021	COMPESA CSE Dept	Participated
15	Pratiksha Edake	CodeTech2K22	12/2/2022	COMPESA CSE Dept	Participated
16	Pratiksha Edake	Technical Workshop	03/12/2022 to 04/12/2021	CSE Dept	Participated
17	Akash Kale	Technical Workshop	03/12/2022 to 04/12/2021	CSE Dept	Participated
18	Akash Kale	CodeTech2K22	[illegible]	COMPESA CSE Dept	Participated

H.O.D. CSE

19	Madhuri Shinde	CodeTech2K22	12/2/2022	COMPESA CSE Dept	Participated
20	Madhuri Shinde	Technical Workshop	03/12/2022 to 04/12/2021	CSE Dept	Participated
21	Bhakti Kulkarni	ELECTOVERT 2K22	26/11/2022 to 27/11/2022	Walchand College	Participated
22	Deep Kamalakar	ELECTOVERT 2K22	26/11/2022 to 27/11/2022	Walchand College	Participated
23	Anushri Mutalik	CodeTech2K22	12/2/2022	COMPESA CSE Dept	Participated
24	Tanjila Shaikh	HORIZON 2K22	23/11/2022	E&TC Dept	Runner Up
25	Pallavi Hajare	HORIZON 2K22	23/11/2022	E&TC Dept	Runner Up
26	Prathamesh Kumbhar	ELECTOVERT 2K22	26/11/2022 to 27/11/2022	Walchand College	Participated
27	Aman Sutar	ELECTOVERT 2K22	26/11/2022 to 27/11/2022	Walchand College	Participated
28	Vaishnavdevi Bhosale	CodeTech2K22	12/2/2022	COMPESA CSE Dept	Participated
29	Vaishnavdevi Bhosale	Business Club	4/10/2022	CSE Dept	Participated
30	Chaitanya Dhang	ELECTOVERT 2K22	26/11/2022 to 27/11/2022	Walchand College	Participated

31st march-2023
HOD, CSE

Dept. of CSE

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum college Of Engineering, Jaysingpur

"HORIZON 2K22"

Organized by

Department Of Electronics & Telecommunication Engineering

certificate

This certificate is awarded to ~~Mr~~/Ms Nikita Mane.

of TY CSE for ~~Winner~~/Runner up/~~Participate~~/in the event

Poster Presentation in 'Horizon 2K22' held on 23rd November 2022.

Prof. S. S. Karadge
(ETESA Co-ordinator)

Prof. M. M. Kolap
(HOD E&TC)

Dr. S. B. Patil
(Principal)

Dr.S.S.Admuthe
(Campus Director)

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INTERNATIONAL WORKSHOP ON

CLOUD AND EDGE COMPUTING

Certificate

This is to certify that

Prof. / ~~Dr.~~ / Mr. / ~~Ms.~~ Sujay Prabhakar Gavli

has participated in two days International Workshop on

"Cloud and Edge Computing"

held on 28th & 29th December, 2022 organised by

School of Computer Science & Engineering & Sanjay Ghodawat University, Kolhapur

B. Suresh

Ms. Surabhi Gaikwad	**Mrs. Deepika Patil**	**Dr. B.Suresh Kumar**	**Prof. Dr. Rajkumar Buyya**	**Prof. Dr. Arun S. Patil**
Co-ordinator, SGU	Co-ordinator, SGU	HOS, CSE, SGU	(Director of Cloud Computing and Distributed Systems (CLOUDS) University of Melbourne, Australia)	Vice-Chancellor, SGU

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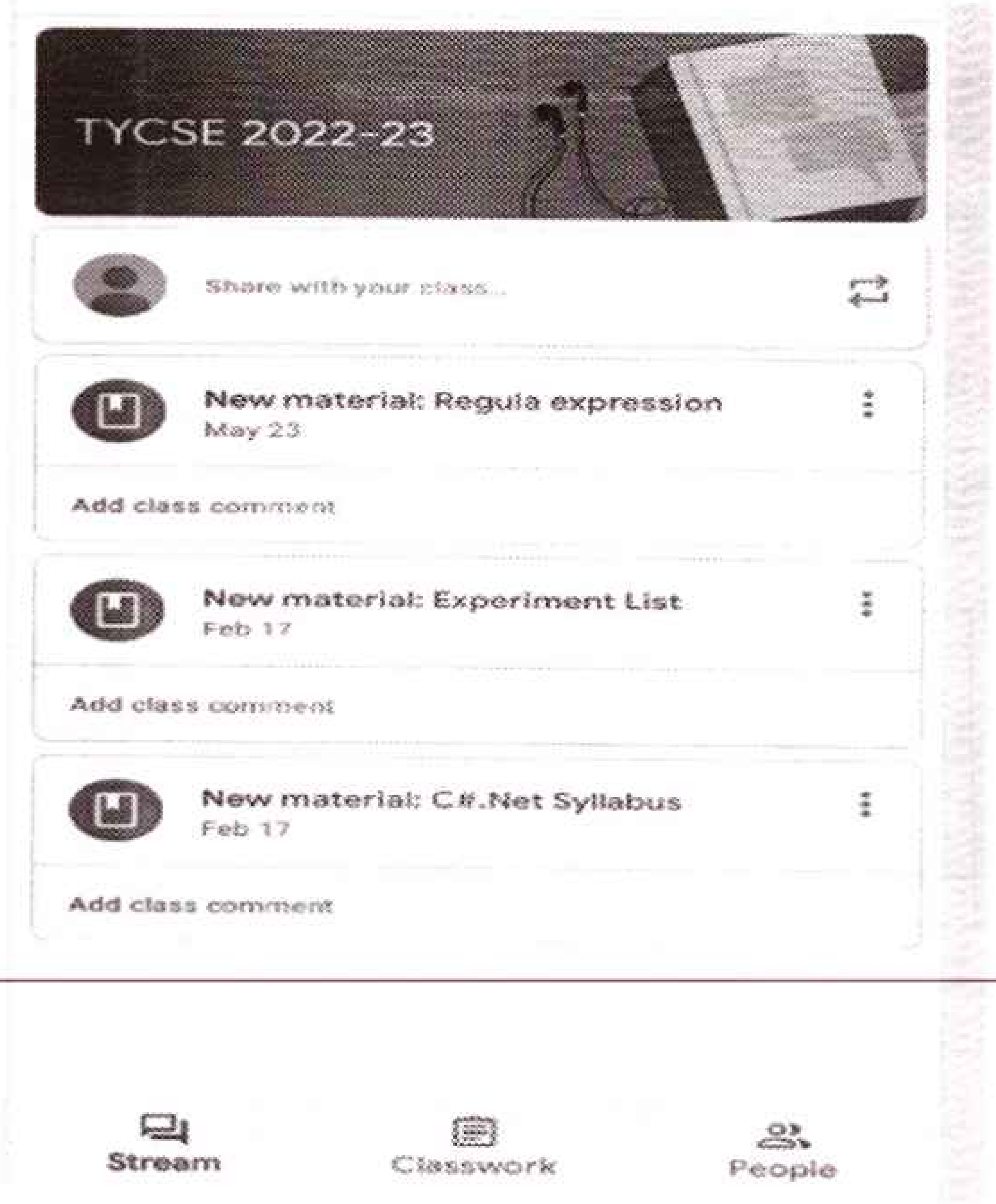

TYCSE 2022-23

Share with your class...

New material: Regula expression
May 23

Add class comment

New material: Experiment List
Feb 17

Add class comment

New material: C#.Net Syllabus
Feb 17

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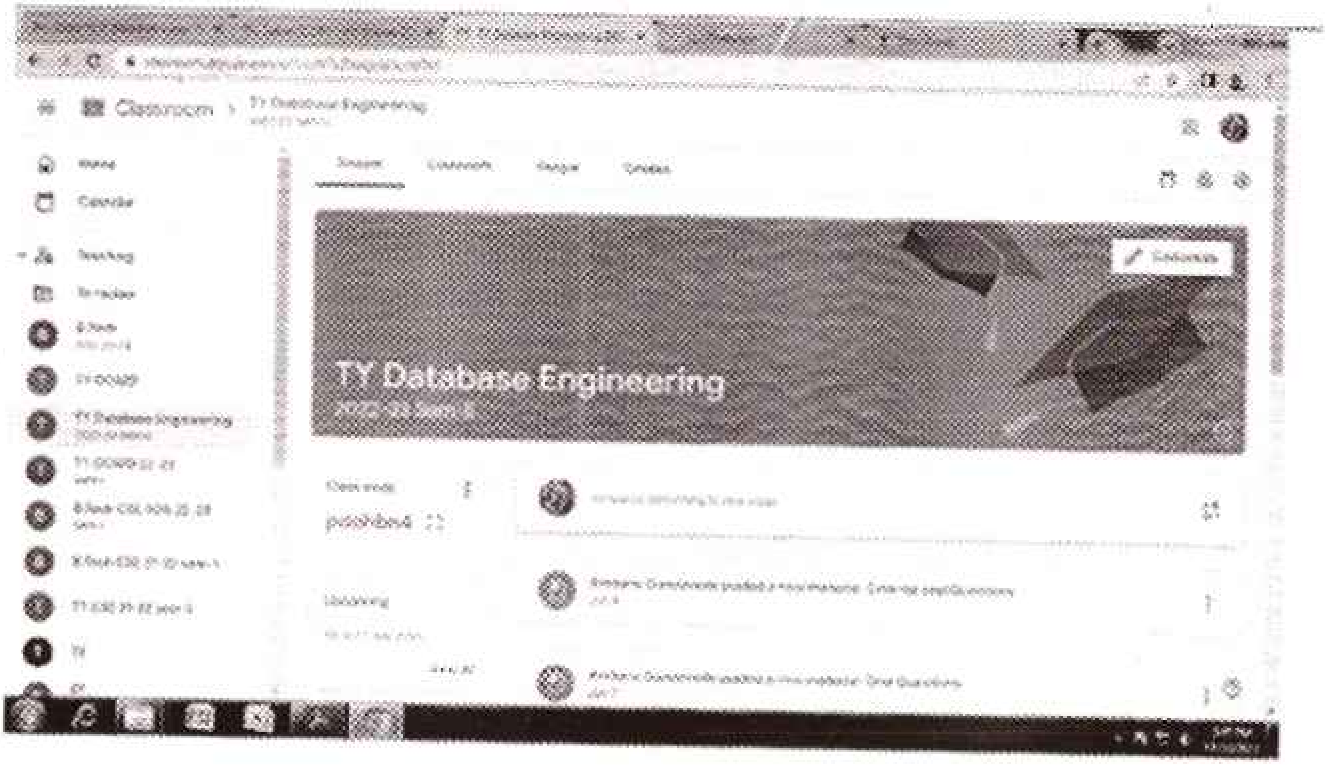
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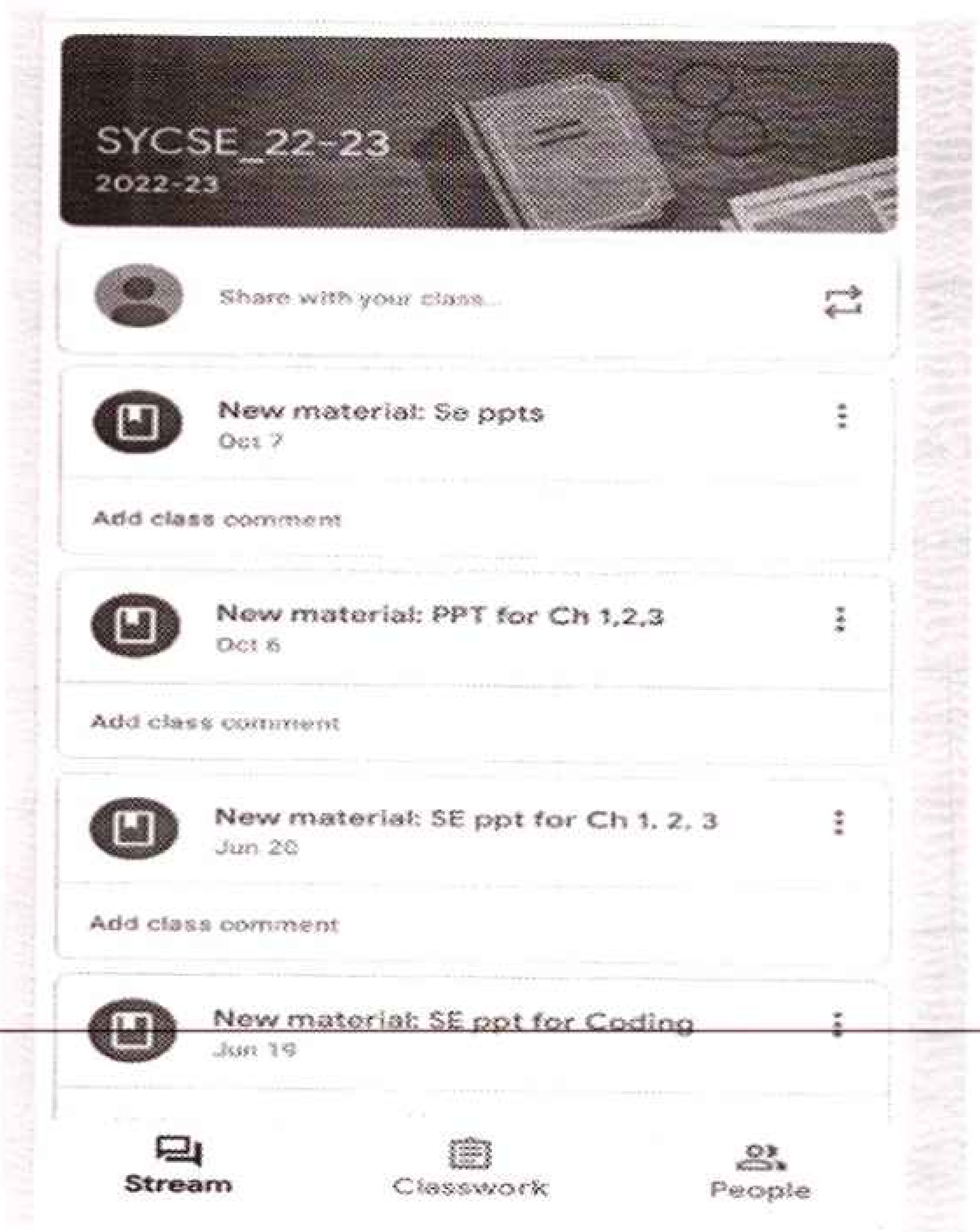
SY CSE Google Classroom(Software Engineering)



SYCSE_22-23
2022-23

Share with your class...

New material: Se ppts
Oct 7

Add class comment

New material: PPT for Ch 1,2,3
Oct 6

Add class comment

New material: SE ppt for Ch 1, 2, 3
Jun 20

Add class comment

New material: SE ppt for Coding
Jun 19

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101

Unit Test No. 2

Based on Unit-II form E-Commerce and Digital Marketing

* Indicates required question

1. Email *

2. Enter your Roll No.: *

3. Enter your Name: *

4. Your Branch??? *

Mark only one oval.

○ Computer Science and Engineering
○ Information Technology
○ Electronics and Telecommunication

Attempt the following questions

Test contains 15 questions with one mark for each correct answer.

5. In _________, selling partner is a business organization, but this is not a Must. 1 point

Mark only one oval.

○ B2B
○ B2C
○ C2B
○ C2C

6. If products are available, can be delivered to customer's location with the time convenience for the __________. 1 point

Mark only one oval.

○ Customer
○ Dealer
○ Marketer
○ Delivery Person

7. Which one is not the process state in Online selling?? 1 point

Mark only one oval.

○ Information step
○ Initiation step
○ Contract conclusion step
○ Shipping

8. With Information step which one is the uncommon question?? 1 point

Mark only one oval.

○ Who pays the information provider?
○ Who is owner of the information sources?
○ Who generates the information?
○ How does the payer restrict or filter the information, which is forwarded to the customer?

9. _______ are tokens or short packets of data passed between communicating programs. 1 point

Mark only one oval.

○ Cookies
○ URLs
○ Sites
○ Viruses

10. Customers can not be identified through ___________. 1 point

Mark only one oval.

○ Given profile data
○ Credit-worthiness information
○ Address data
○ A fake profile

11. __________ is an identifier, used to look up product information in a database, which may belong to a retailer, manufacturer, collector, researcher, or other entity. 1 point

Mark only one oval.

○ GTIN
○ GST
○ ISBN
○ ISSN

12. P3P stands for. 1 point

Mark only one oval.

○ Person, price and presenter
○ Platform for Privacy Preferences
○ Product for Peer to Peer
○ Product per Person

13. P3P protocol works in three steps: 1 point

Mark only one oval.

○ Proposal - Acceptance - Agreement
○ Payment - Pay - Purchase
○ Proposal - Payment - Purchase
○ Proposal - Agreement - Payment

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14. Customer picks up interesting products or services and puts them into his ____________. 1 point

Mark only one oval.

○ Option 1
○ Option 2
○ Option 3
○ Delayed consumption costs

15. BMEcat is a XML-based standard. 1 point

Mark only one oval.

○ True
○ False

16. ______________________ is an identifier used to look up product information in a database. 1 point

Mark only one oval.

○ ISBN
○ ISSN
○ GTIN
○ GST

7. A solvency check by supplier is based on his own ____________. 1 point

Mark only one oval.

○ payment details.
○ Id.
○ customer profile
○ order confirmation.

18. Which one is not a communication e-channels??? 1 point

Mark only one oval.

○ News Letters
○ E-Mails,
○ Telephone calls,
○ Electronic chat rooms

19. Primary payment methods is: 1 point

Mark only one oval.

○ Cash payment,
○ Bank transfer,
○ Debit note and Wallet payment
○ All of the above.

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Unit Test No. 1

Based on Unit4 form E-Commerce and Digital Marketing

* Indicates required question

1. Email *

2. Enter your Roll No.: *

3. Enter your Name: *

4. Your Branch??? *

Mark only one oval.

○ Computer Science and Engineering
○ Information Technology

Skip to question 5

Attempt the following questions.

Test contains 20 questions with one mark for each correct answer

5. Which term represents a count of the number of people who visit one site, click on the ad, and are taken to the site of the advertiser? 1 point

Mark only one oval.

○ Affiliate programs
○ Click-through
○ C. Spam
○ All of the above

6. What encourages users of a product or service supplied by a B2C company to ask friends to join in as well? 1 point

Mark only one oval.

○ Spam
○ Viral marketing
○ Affiliate programs
○ None of the above

7. Compared to B2C e-commerce, B2B e-commerce is ____ 1 point

Mark only one oval.

○ of equal size
○ slightly smaller
○ slightly larger
○ much larger

8. In the e-commerce security environment, which of the following constitutes the inner-most layer? 1 point

Mark only one oval.

○ people
○ data
○ technology solutions
○ organizational policies and procedures

The digital product delivery internet business model 1 point

Mark only one oval.

○ concentrates information about products and services from multiple providers at one central point.
○ provides an electronic clearinghouse for products where price and availability are constantly changing, sometimes in response to customer actions.
○ enables groups of people who want to purchase a particular product to signup and then seek a volume discount from vendors.
○ sells and delivers software, multimedia, and other digital products over the Internet.

10. In Electronic cash payment ____________. 1 point

Mark only one oval.

○ a debit card payment system is used
○ a customer buys several electronic coins which are digitally signed by coin issuing bank
○ a credit card payment system is used
○ RSA cryptography is used in the transactions

11. All of the following are advantages of using an intranet Except ____________ 1 point

Mark only one oval.

○ cross-platform capability
○ security restrictions so employees cannot access the company network from home
○ open standards
○ reduced hardware and software costs

12. A person to person payment system ____________. 1 point

Mark only one oval.

○ Supports electronic payment for online and physical store purchases of goods or services after the purchase has taken place.
○ Sends money using the web to individuals who are not setup to accept credit card payments.
○ refers to digital currency that can be used for micro-payments.
○ provides secure services for credit card payments on the internet

13. What is the name of the card which can be used by the buyers during the time of purchase and in which the amount will be immediately debited from the buyers account? 1 point

Mark only one oval.

○ E-Distributor
○ Debit Card
○ Credit Card
○ Power Card

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14. Which of the following is not considered to be a drawback of Internet auctions? 1 point

Mark only one oval.

○ Market inefficiency
○ Trust risks
○ Fulfillment costs
○ Delayed consumption costs

15. Set of independent Electronic Stores can be generally labeled as ________. 1 point

Mark only one oval.

○ Electronic Shopping Mall
○ Electronic Wallet
○ Electronic Stores
○ Generalized Stores

16. Which of the following describes e-commerce? 1 point

Mark only one oval.

○ Buying products from each other
○ Buying services from each other
○ Selling service from each other
○ All of the above

20. Which products are people most likely to be more uncomfortable buying on the Internet? 1 point

Mark only one oval.

○ Books
○ Furniture
○ Movies
○ All of the above

21. Digital products are best suited for B2C e-commerce because they ________ 1 point

Mark only one oval.

○ Are commodity like products
○ Can be mass-customized and personalized
○ Can be delivered at the time of purchase
○ All of the above

22. Which is a function of E-commerce? 1 point

Mark only one oval.

○ Marketing
○ Advertising
○ Warehousing
○ All of the above

17. Which of the following is not one of the benefits of e-commerce to sellers? 1 point

Mark only one oval.

○ E-commerce offers greater flexibility in meeting customer needs.
○ E-commerce is a powerful tool for customer relationship building
○ E-commerce can help to reduce costs
○ E-commerce increases the net cost per contact

18. Electronic bill payment ________. 1 point

Mark only one oval.

○ Supports electronic payment for online and physical store purchases of goods or services after the purchase has taken place.
○ Sends money using the web to individuals who are not set up to accept credit card payments.
○ Refers to the digital currency that can be used for micro-payments.
○ Provides secure services for credit card payments on the Internet

19. Digital products are best suited for B2C e-commerce because they ________. 1 point

Mark only one oval.

○ Are commodity-like products
○ Can be mass-customized and personalized
○ Can be delivered at the time of purchase
○ All of the above.

23. What is the process in which a buyer posts its interest in buying a certain quantity of items, and sellers compete for the business by submitting successively lower bids until there is only one seller left? 1 point

Mark only one oval.

○ B2B marketplace
○ Intranet
○ Reverse auction
○ Internet

24. A business cannot be all things to all people. Instead, a business must ________. 1 point

Mark only one oval.

○ Identify target customers
○ Identify the value of products/services as perceived by customers
○ all of the above
○ None of the above

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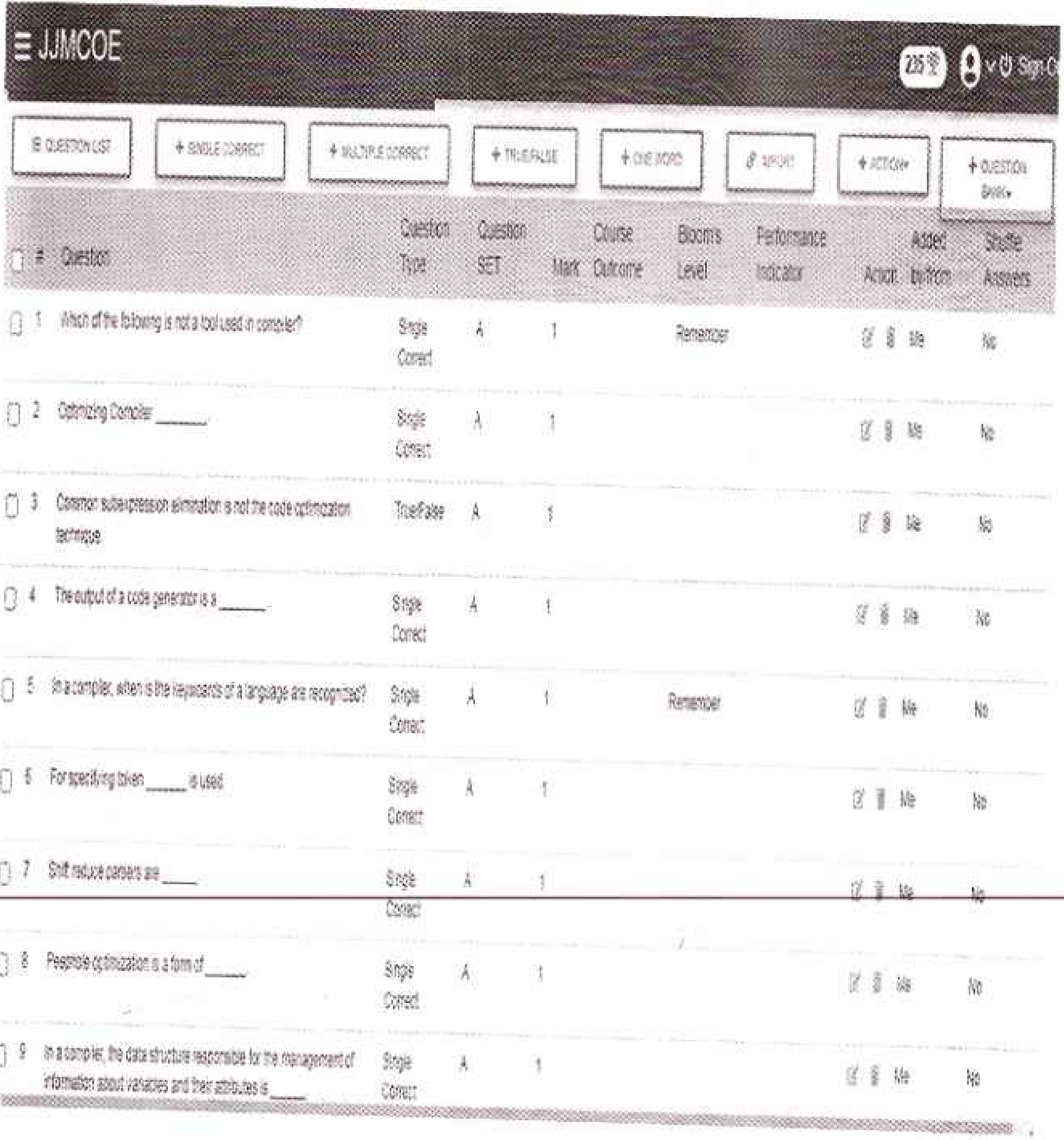
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225
Sign O
QUESTION LIST
+ SINGLE CORRECT
+ MULTIPLE CORRECT
+ TRUE/FALSE
+ ONE WORD
IMPORT
+ ACTION▾
+ QUESTION BANK▾

☐	#	Question	Question Type	Question SET	Mark	Course Outcome	Blooms Level	Performance Indicator	Action	Added by/from	Shuffle Answers
☐	1	Which of the following is not a tool used in compiler?	Single Correct	A	1		Remember		✎ 🗑	Me	No
☐	2	Optimizing Compiler ______.	Single Correct	A	1				✎ 🗑	Me	No
☐	3	Common subexpression elimination is not the code optimization technique	True/False	A	1				✎ 🗑	Me	No
☐	4	The output of a code generator is a ______.	Single Correct	A	1				✎ 🗑	Me	No
☐	5	In a compiler, when is the keywoards of a language are recognized?	Single Correct	A	1		Remember		✎ 🗑	Me	No
☐	6	For specifying token ______ is used	Single Correct	A	1				✎ 🗑	Me	No
☐	7	Shift reduce parsers are ____	Single Correct	A	1				✎ 🗑	Me	No
☐	8	Peephole optimization is a form of ______	Single Correct	A	1				✎ 🗑	Me	No
☐	9	In a compiler, the data structure responsible for the management of information about variables and their attributes is ______	Single Correct	A	1				✎ 🗑	Me	No

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Dr. J. J. Magdum College of Engineering
Stream: Computer Engineering
Title: Compile Construction Quiz
Subject: Faculty: SHRUTI NARDE
Academi Year: TE - Negative Marking: Not Applicable
Marks: 1 Date: 202 Duration: 30 minutes

Sr.No	Roll Numb	Seat Numb	First Name	Last Name	Middle Name	Score (	Percentage
1	1	20068	Suyog	Bawadekar	SUNIL	9	90
2	2	20079	Kundan	Bhagat	SUDARSHAN	9	90
3	3	20011	Omkar	Bhosale	SURESH	8	80
4	4	20069	Vaishnavidevi	Bhosale	ARVIND	9	90
5	5	20169	Mallikarjun	Birajdar	MAHADEV	9	90
6	6	20036	Harshad	Bujare	MADHUKAR	10	100
7	7	20048	Pranjal	Chavan	SANJAY	9	90
8	8	20191	Yogesh	Dapale	YASHVANT	8	80
9	9	20123	Shravani	Desai	BABURAO	8	80
10	10	20055	Pratiksha	Edake	SAMBHAJI	10	100
11	11	20111	Pratik	Farakte	SANJAY	9	90
12	12	20058	Mahammed A	Gadad	MAHAMMED	8	80
13	13	20077	Rutuja	Gaikwad	DINANATH	9	90
14	14	20217	Sujay	Gavali	PRABHAKAR	9	90
15	15	20060	Milind	Hodage Patil	SANJAYKUMA	9	90
16	16	20109	Balaji	Jare	MARUTI	7	70
17	17	20016	Akash	Kale	VIJAY	10	100
18	18	20218	Yash	Kale	SANTOSH	9	90
19	19	20103	Deep	Kamalakar	SACHIN	9	90
20	20	20031	Amey	Kamat	SACHIN	9	90
21	21	20057	Arati	Khade	GAJANAN	8	80
22	22	20050	Sameer	Kolekar	LAXMAN	5	50
23	23	20161	Prajwal	Konuri	TATYASAHEB	10	100
24	24	20115	Bhakti	Kulkarni	BALAVANT	9	90
25	25	20064	Tanmay	Magadum	TANAJI	Not Solved	
26	26	20087	Pranali	Makote	PRAMOD	8	80
27	27	20082	Kajal	Masal	AKARAM	9	90
28	28	20056	Yogesh	Mudalkar	BALKRISHNA	9	90
29	29	20065	Abhishek	Nandgaonkar	SANJAY	7	70
30	30	20159	Abhishek	Pandey	VIJAY	9	90
31	31	20062	Somesh	Paraganve	APPASAHEB	8	80
32	32	20113	Aditi	Patil	ASHOK	8	80
33	33	20066	Akash	Patil	MARUTI	10	100
34	34	20073	Amruta	Patil	VIJAYKUMAR	10	100
35	35	20176	Harshada	Patil	HANMANT	9	90
36	36	20080	Pratik	Patil	SANJAY	6	60
37	37	20086	Rupesh	Patil	MAHAVEER	8	80
38	38	20008	Sangram	Patil	BABURAO	7	70
39	39	20097	Tanmay	Patil	BALU	8	80
40	40	20187	Tanmay	Patil	RHUSHIKESH	9	90
41	41	20061	Tushar	Patil	SHIVAJI	10	100

42	42	20054	Avantika	Pawar	DADASAHEB	9	90
43	43	20096	Dipak	Pawar	SAKHARAM	Not Solved	
44	44	20100	Dnyanendra	Rengade	RAMRAO	Not Solved	
45	45	20059	Shraddha	Salokhe	SHRIKANT	10	100
46	46	20094	Reenal	Shah	CHETAN	9	90
47	47	20078	Madhuri	Shinde	MAHADEV	8	80
48	48	20051	Pranali	Surve	DEEPAK	8	80
49	49	20181	Sahil	Sutar	SANJAY	10	100
50	50	20202	Sofiya	Sutar	TAIYABALLI	9	90
51	51	20200	Sushant	Teli	SURESH	8	80
52	52	20041	Shreya	Thombare	JAYWANT	7	70
53	53	20129	Shubham	Zambre	LAXMAN	7	70
54	54	20226	Prathmesh	Kumbhar	KRUSHNAT	9	90
55	55	20052	Prasanna	Chougule	VIJAYKUMAR	Not Solved	
56	56	20120	Pranav	Garud	JAYWANT	10	100
57	57	20071	Sourabh	Panhale	SUKHADEV	6	60
58	58	20067	Avdhut	Kulkarni	SUHAS	8	80
59	59	20166	Aman	Sayyad	MAHIBOOB	6	60
60	60	20022	Chaitanya	Dhang	SURESH	7	70
61	61	20154	Dhiraj	Jadhav	SURYAKANT	7	70
62	62	20070	Anushree	Mutalik	DEEPAK	9	90
63	63	21128	Deep	Kulkarni	PRAKASH	6	60
64	64	21243	Shreya	Tambad	RAJU	8	80
65	65	21143	Tanjila	Shaikh	JAMIR	7	70
66	66	21182	Aman	Sutar	AAYUB	6	60
67	67	21189	Nikita	Mane	SATISH	9	90
68	68	21125	Aishwarya	Raje	SANJAY	10	100
69	69	21009	Prashant	Koli	SHANKAR	8	80
70	70	21003	Vishvajeet	Ghatage	NILKANTHRA	7	70
71	71	21013	Omkar	Kamble	BABURAO	9	90
72	72	21075	Ajay	Naik	ARUN	8	80
73	73	21016	Pallavi	Hajare	RAMESH	4	40
74	74	21184	Shruti	Pol	RAVINDRA	7	70
75	75	21137	Sudarshan	Patil	SANJAY	8	80
76	76	21118	Jafar	Khatib	KHALIL	8	80

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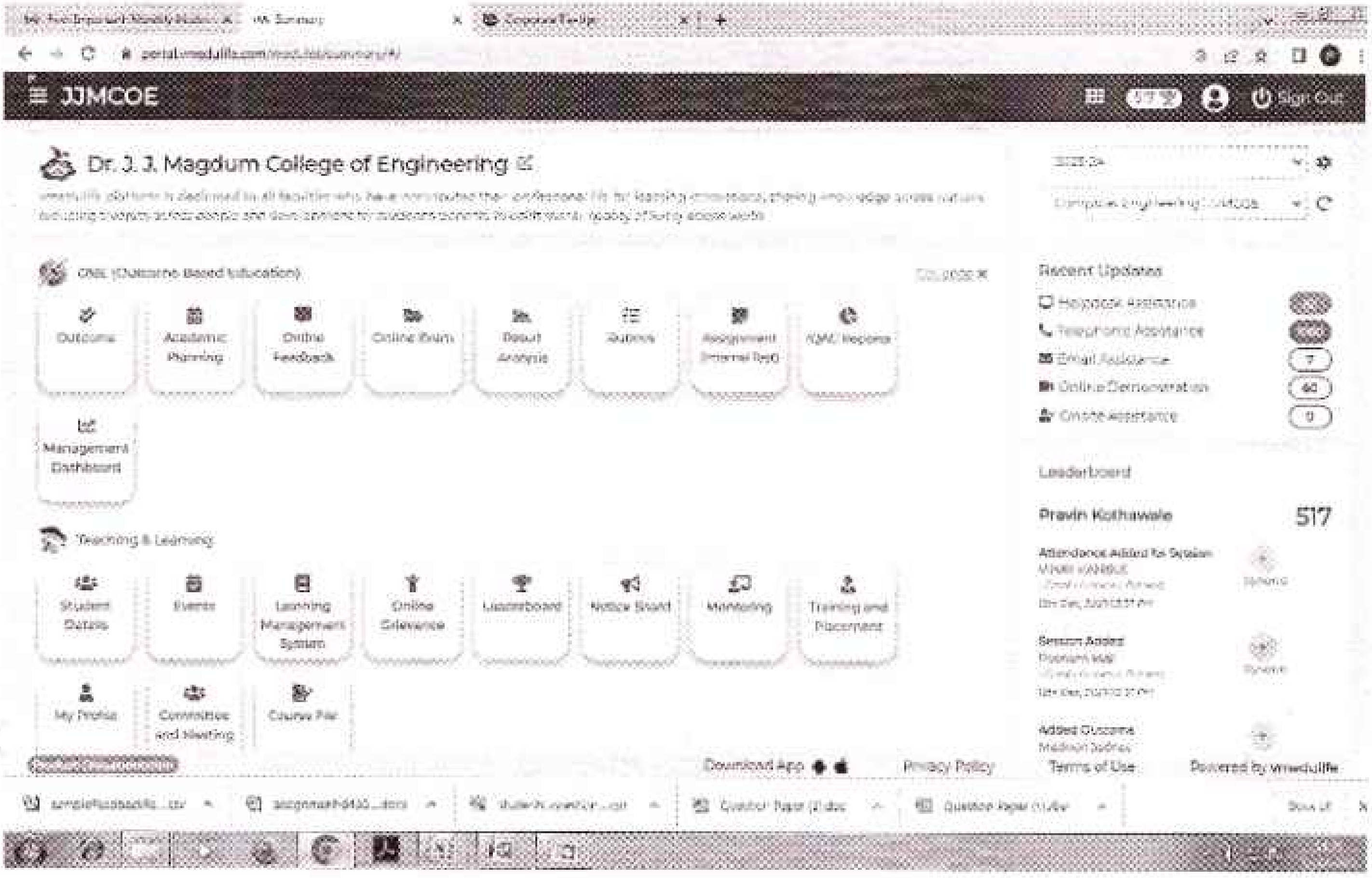
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OBE (Outcome Based Education)
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2023-24

Computer Engineering

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Onsite Assistance 0

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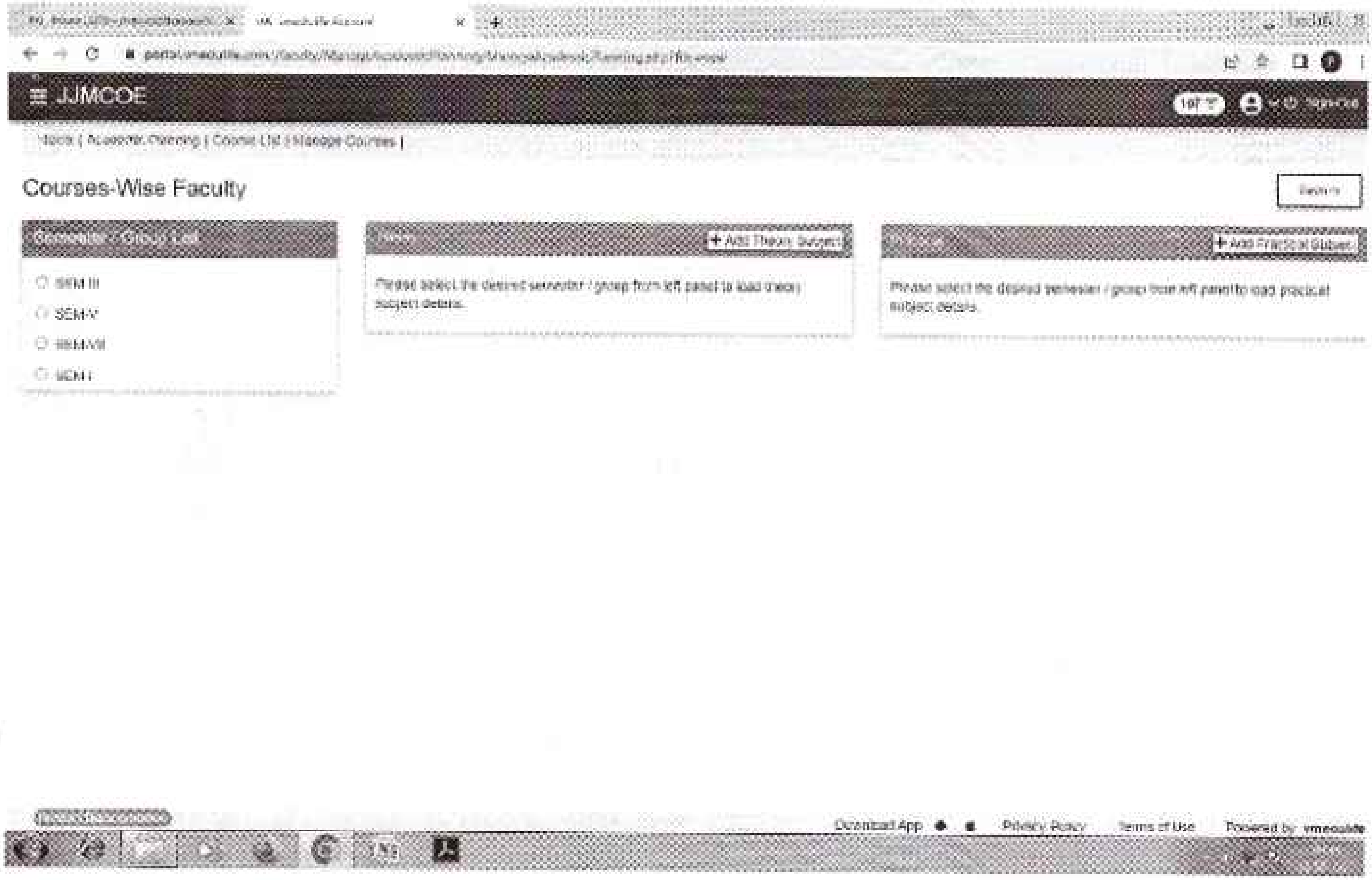
Session Added

Added Outcome



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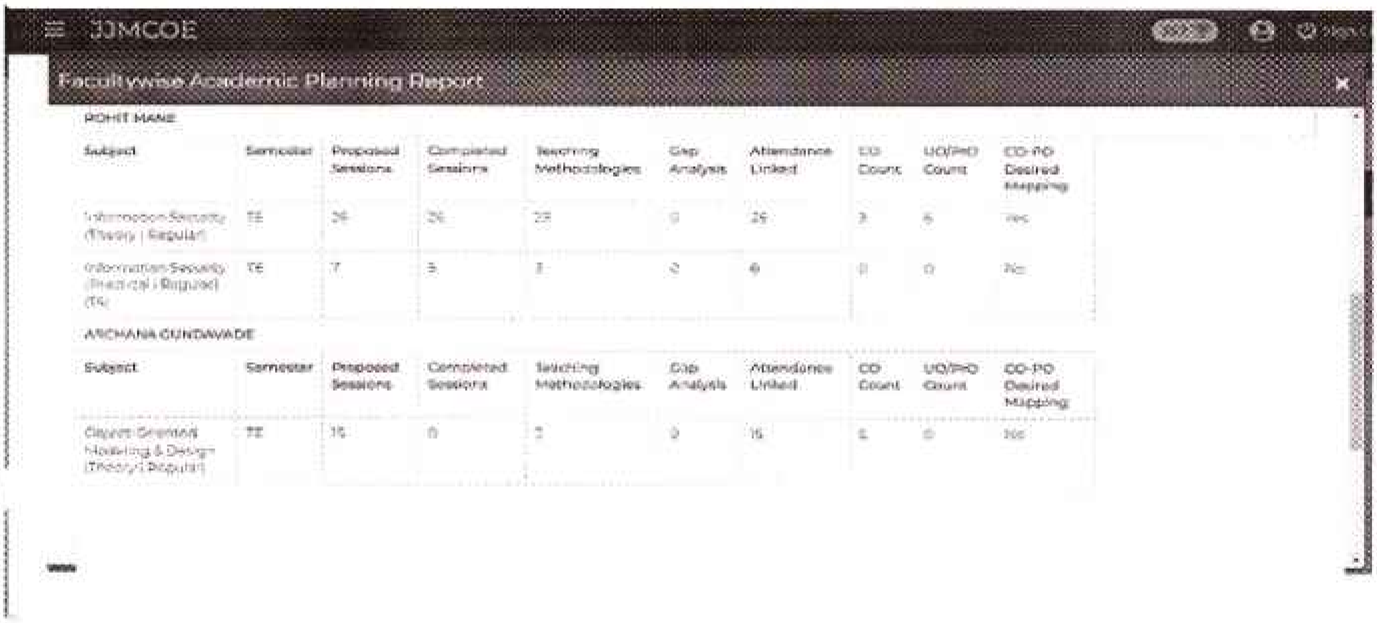
Academic Planning Report



Facultywise Academic Planning Report

ROHIT MANE

Subject	Semester	Proposed Sessions	Completed Sessions	Teaching Methodologies	Gap Analysis	Attendance Linked	CO Count	UO/PO Count	CO-PO Desired Mapping
Information Security (Theory | Regular)	TE	26	26	25	0	25	3	6	Yes
Information Security (Practical | Regular) (T4)	TE	7	5	3	2	6	0	0	No

ARCHANA GUNDAWADE

Subject	Semester	Proposed Sessions	Completed Sessions	Teaching Methodologies	Gap Analysis	Attendance Linked	CO Count	UO/PO Count	CO-PO Desired Mapping
Object Oriented Modeling & Design (Theory | Regular)	TE	15	0	2	0	15	5	0	No

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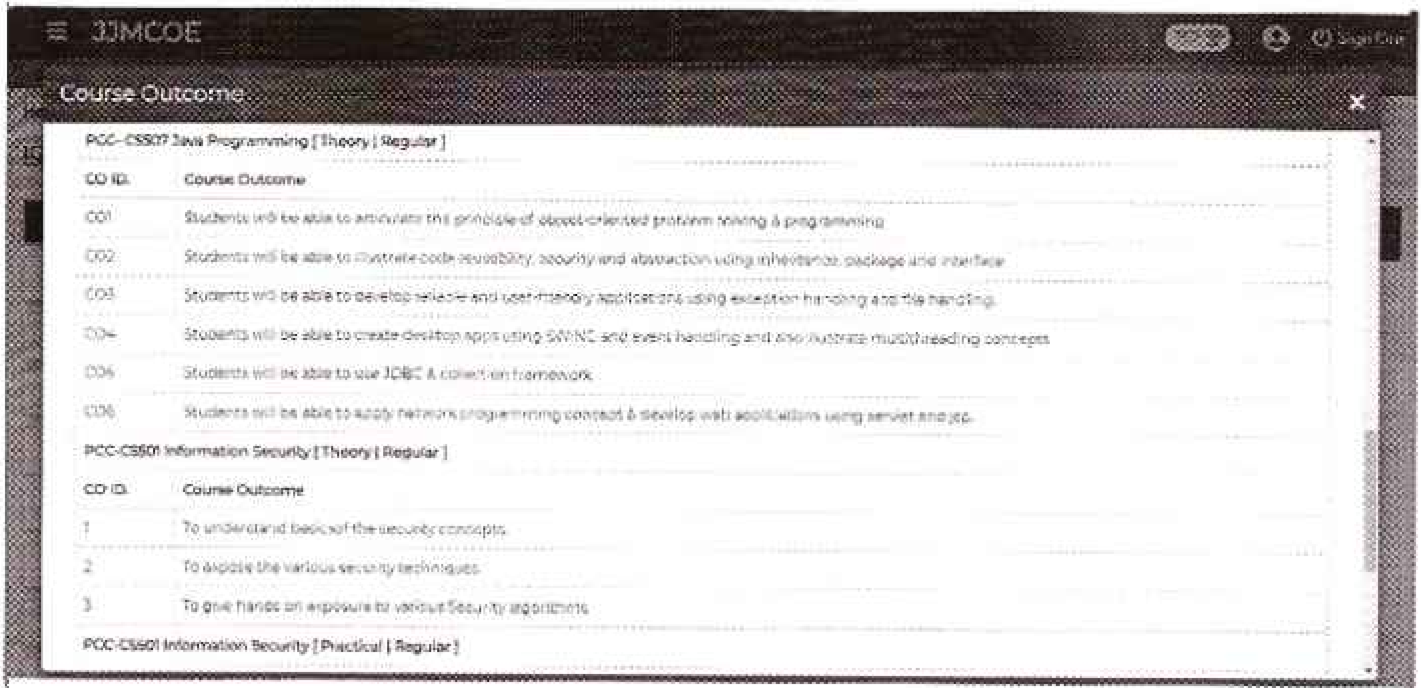

Course Outcome

PCC-CS507 Java Programming [Theory | Regular]

CO ID.	Course Outcome
CO1	Students will be able to articulate the principle of object-oriented problem solving & programming
CO2	Students will be able to illustrate code reusability, security and abstraction using inheritance, package and interface
CO3	Students will be able to develop reliable and user-friendly applications using exception handling and file handling.
CO4	Students will be able to create desktop apps using SWING and event handling and also illustrate multithreading concepts
CO5	Students will be able to use JDBC & collection framework
CO6	Students will be able to apply network programming concept & develop web applications using servlet and jsp.

PCC-CS501 Information Security [Theory | Regular]

CO ID.	Course Outcome
1	To understand basics of the security concepts.
2	To expose the various security techniques.
3	To give hands on exposure to various Security algorithms.

PCC-CS501 Information Security [Practical | Regular]

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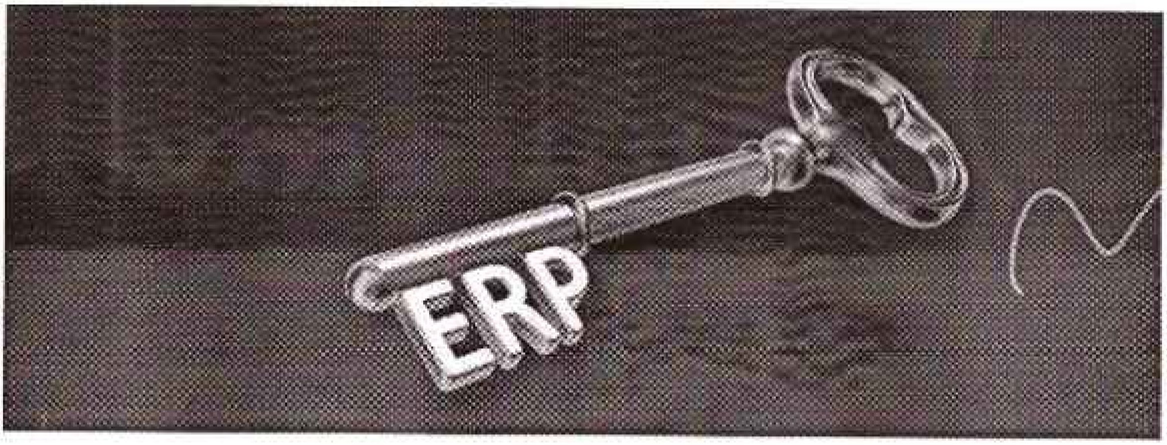
Key Features of Cloud based College ERP Software



☐ **Admission Management**

☐ **Fee Management**

☐ **Student Management**

☐ **Course Management**

☐ **Attendance Managemen**

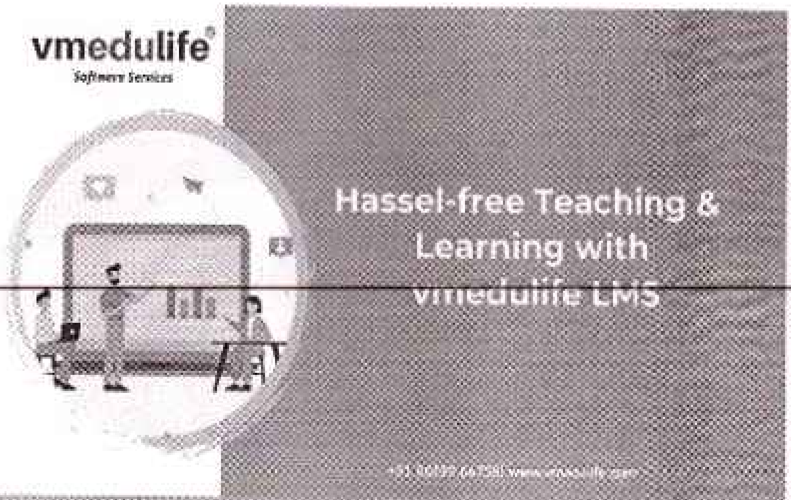
☐ **Feedback Management**

☐ **Employee Management**

☐ **Inventory Management**

☐ **Library Management**

☐ **Examination Managemen**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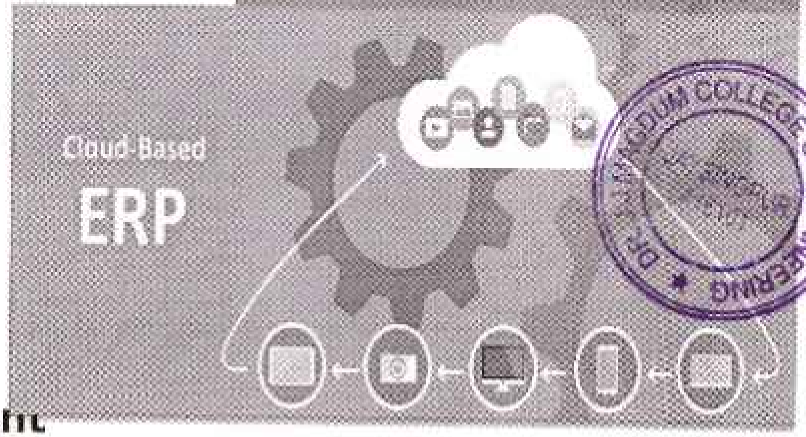
Cloud-Based
ERP

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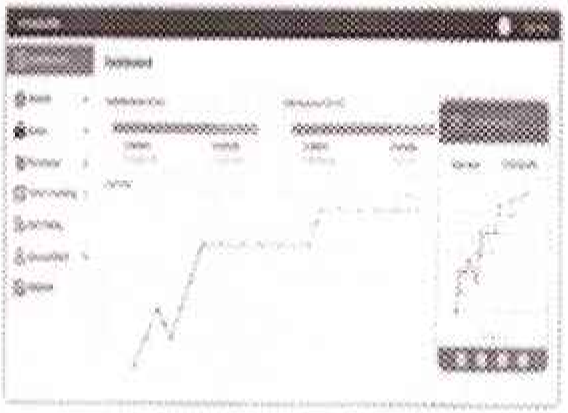
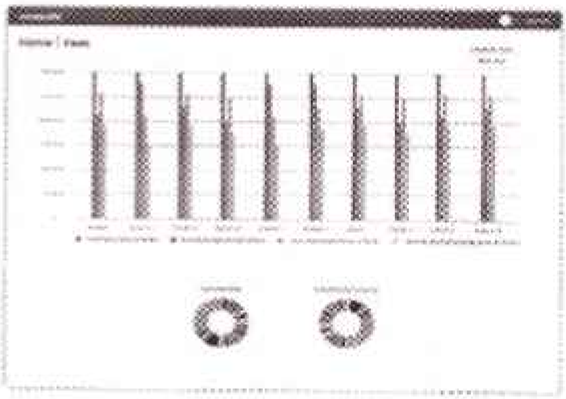
Admission Management

- This is one of the features of ERP that guarantees that the admissions process is completed quickly and efficiently.
- Data for official records and reports can be easily retrieved and processed. Students can be registered online, applications can be verified and shortlisted online, and admission forms and fees can be sent online.



Fee Management

- With this one of the features of ERP, creating trackers of how many students paid their fees on time, the manner of payment, scholarships received by students, outstanding fees, generating fee challans, and so on would be just a piece of cake.
- Fee Management feature aids in the collection of fees on campus and provides parents with useful reports and timely alerts.



Student Management

- Maintaining records such as personal information, including images of students, previous institute information, birth, and other educational certificates, admission in which streams and standards, and so on would no longer be a time-consuming effort.

Library Management

- All library-related actions, such as searching for books, finding them, then issuing and tracking, and so on, are handled by the library management feature.

Integrated Library Management System

Examination Management

- This is one of the most important features of ERP that aids in the creation of examination calendars as well as the management of exam notifications. Students' grade book reports are created using the examination details.

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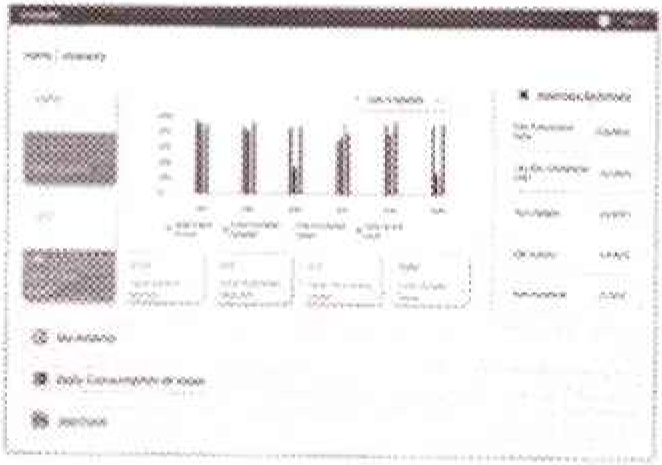
Attendance Management

- The ability to track attendance, both for staff and kids is one of the major **features of ERP**. This makes it easier to keep track of the pupils present in the institute and ensures that attendance is maintained. This feature makes the tedious task of taking a roll call for the pupils much easier.

Inventory Management

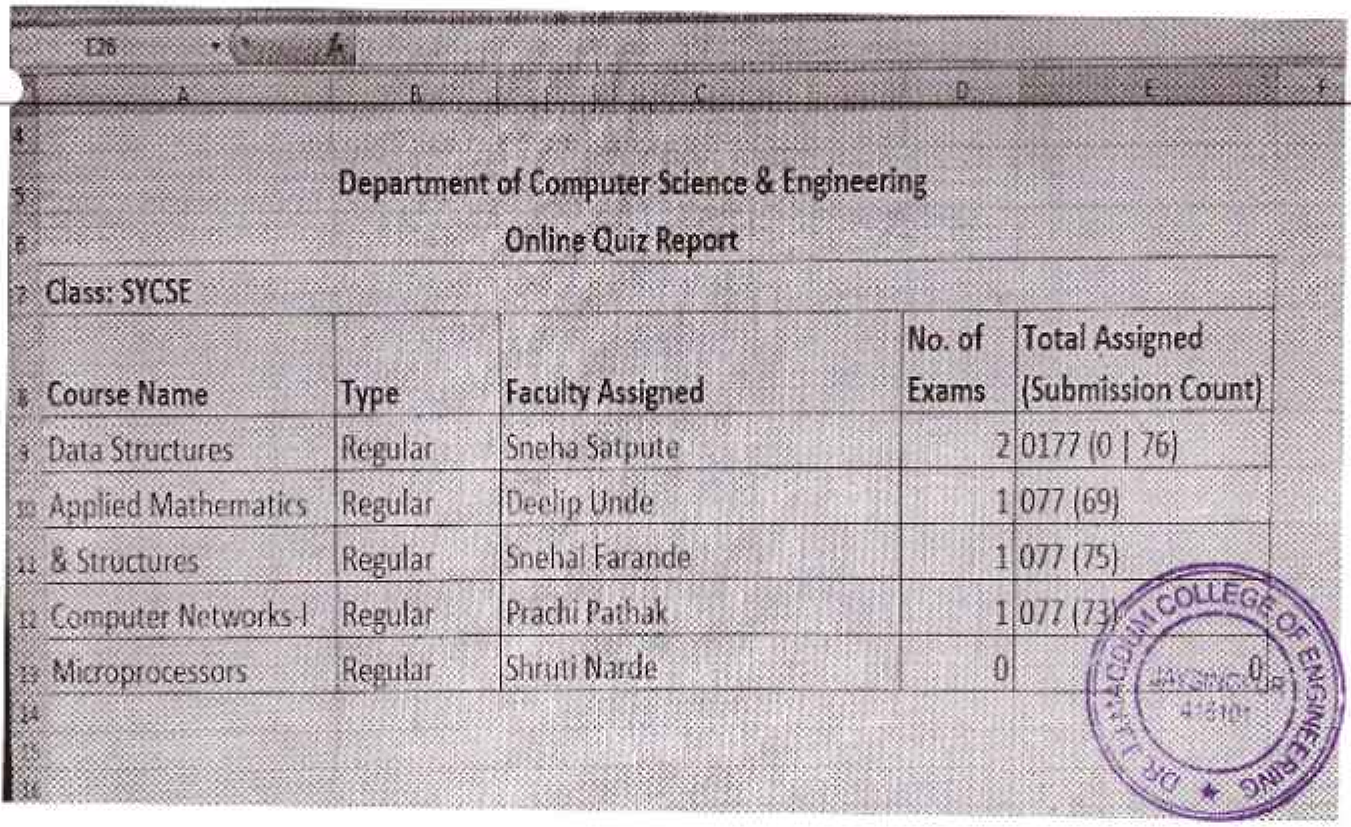
- Inadequate inventory management causes inappropriate allocation of goods. This feature manages the college's purchase orders, goods invoicing, stock management, and equipment, creates comprehensive asset reports.



Employee Management

- Staff must be managed in the same way that students are. Everything from their attendance to their remuneration is included in this. It's difficult to manage an educational institution's entire staff, so using this feature to release salaries and other charges is a good idea.

Online Quiz Report



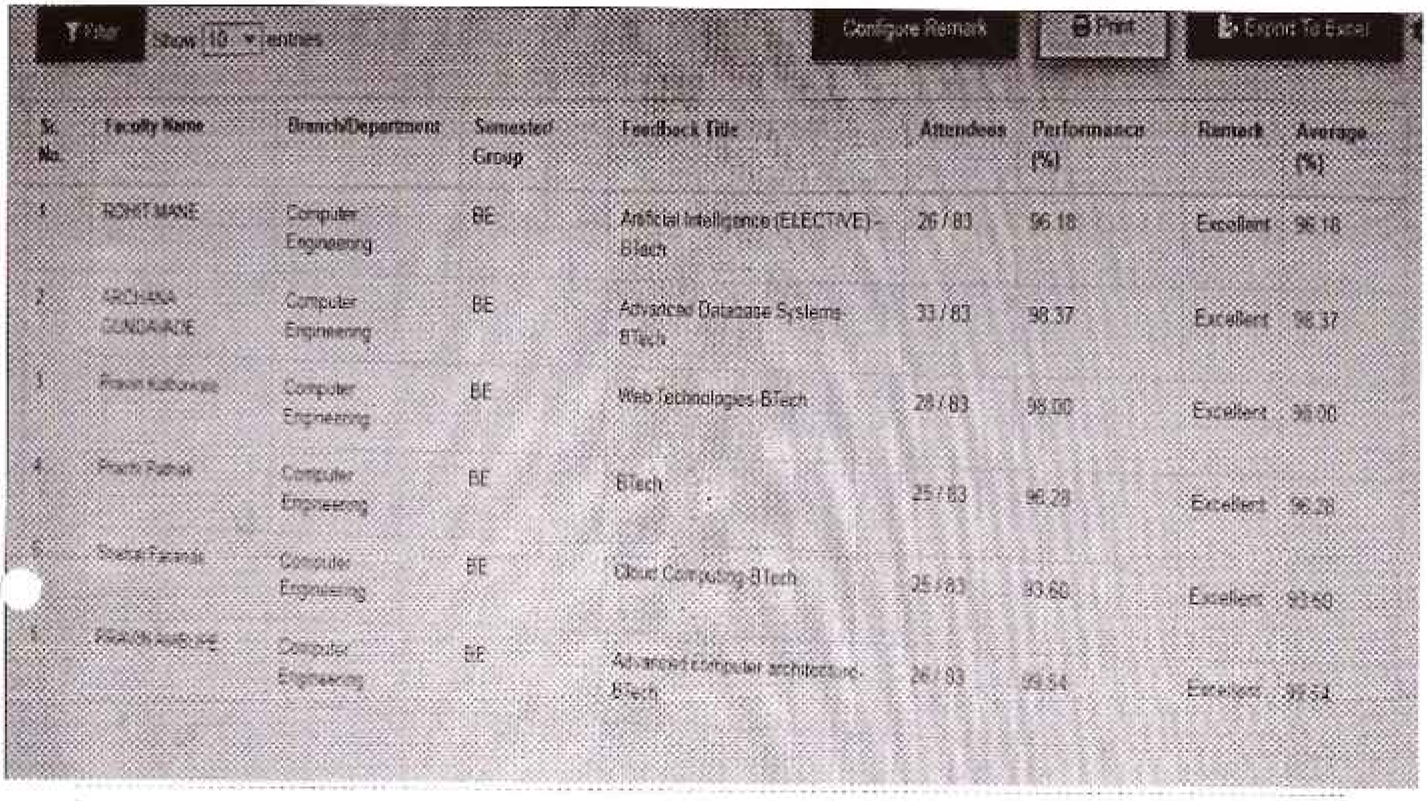
Department of Computer Science & Engineering

Online Quiz Report

Class: SYCSE

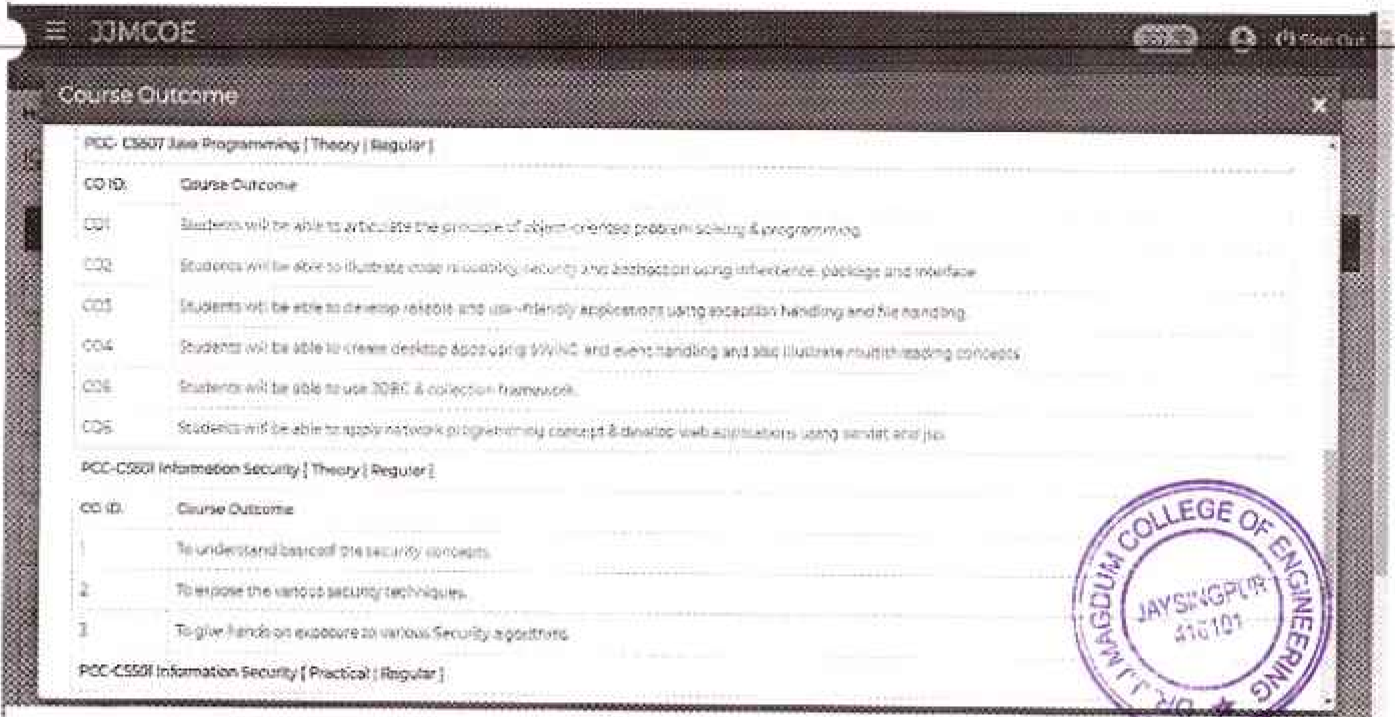
Course Name	Type	Faculty Assigned	No. of Exams	Total Assigned (Submission Count)
Data Structures	Regular	Sneha Satpute	2	0177 (0 | 76)
Applied Mathematics	Regular	Deelip Unde	1	077 (69)
& Structures	Regular	Snehal Farande	1	077 (75)
Computer Networks-I	Regular	Prachi Pathak	1	077 (73)
Microprocessors	Regular	Shruti Narde	0	0

Online Feedback Report



Sr. No.	Faculty Name	Branch/Department	Semester/ Group	Feedback Title	Attendees	Performance (%)	Remark	Average (%)
1	ROHIT MANE	Computer Engineering	BE	Artificial Intelligence (ELECTIVE) - BTech	26 / 83	96.18	Excellent	96.18
2	ARCHANA GUNDAWADE	Computer Engineering	BE	Advanced Database Systems BTech	33 / 83	98.37	Excellent	98.37
3	[illegible]	Computer Engineering	BE	Web Technologies BTech	28 / 83	98.00	Excellent	98.00
4	[illegible]	Computer Engineering	BE	BTech	25 / 83	96.28	Excellent	96.28
5	[illegible]	Computer Engineering	BE	Cloud Computing BTech	25 / 83	93.60	Excellent	93.60
6	[illegible]	Computer Engineering	BE	Advanced computer architecture-BTech	26 / 83	99.54	Excellent	99.54

Course Outcome Report



PCC- CS607 Java Programming [Theory | Regular]

CO ID:	Course Outcome
CO1	Students will be able to articulate the principle of object-oriented problem solving & programming.
CO2	Students will be able to illustrate code reusability, security and abstraction using inheritance, package and interface.
CO3	Students will be able to develop reliable and user-friendly applications using exception handling and file handling.
CO4	Students will be able to create desktop apps using SWING and event handling and also illustrate multithreading concepts.
CO5	Students will be able to use JDBC & collection framework.
CO6	Students will be able to apply network programming concept & develop web applications using servlet and jsp.

PCC-CS501 Information Security [Theory | Regular]

CO ID:	Course Outcome
1	To understand basics of the security concepts.
2	To expose the various security techniques.
3	To give hands on exposure to various Security algorithms.

PCC-CS501 Information Security [Practical | Regular]

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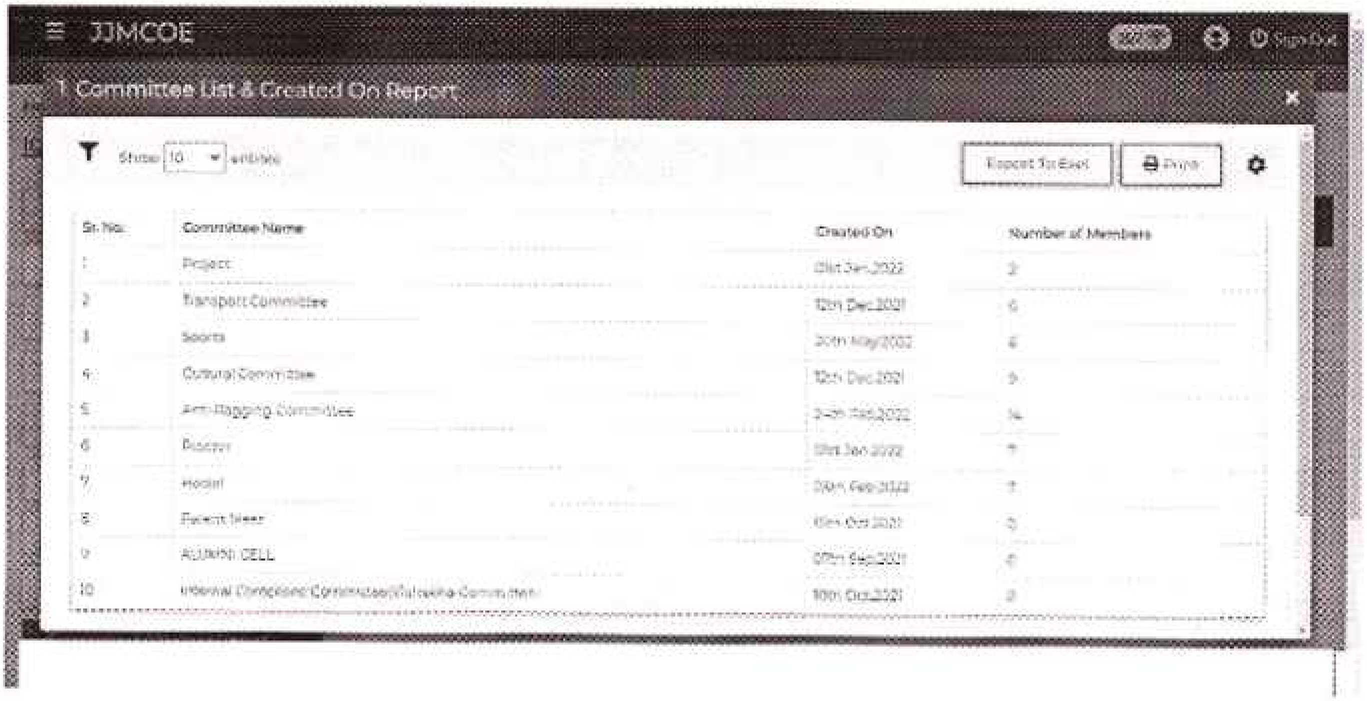
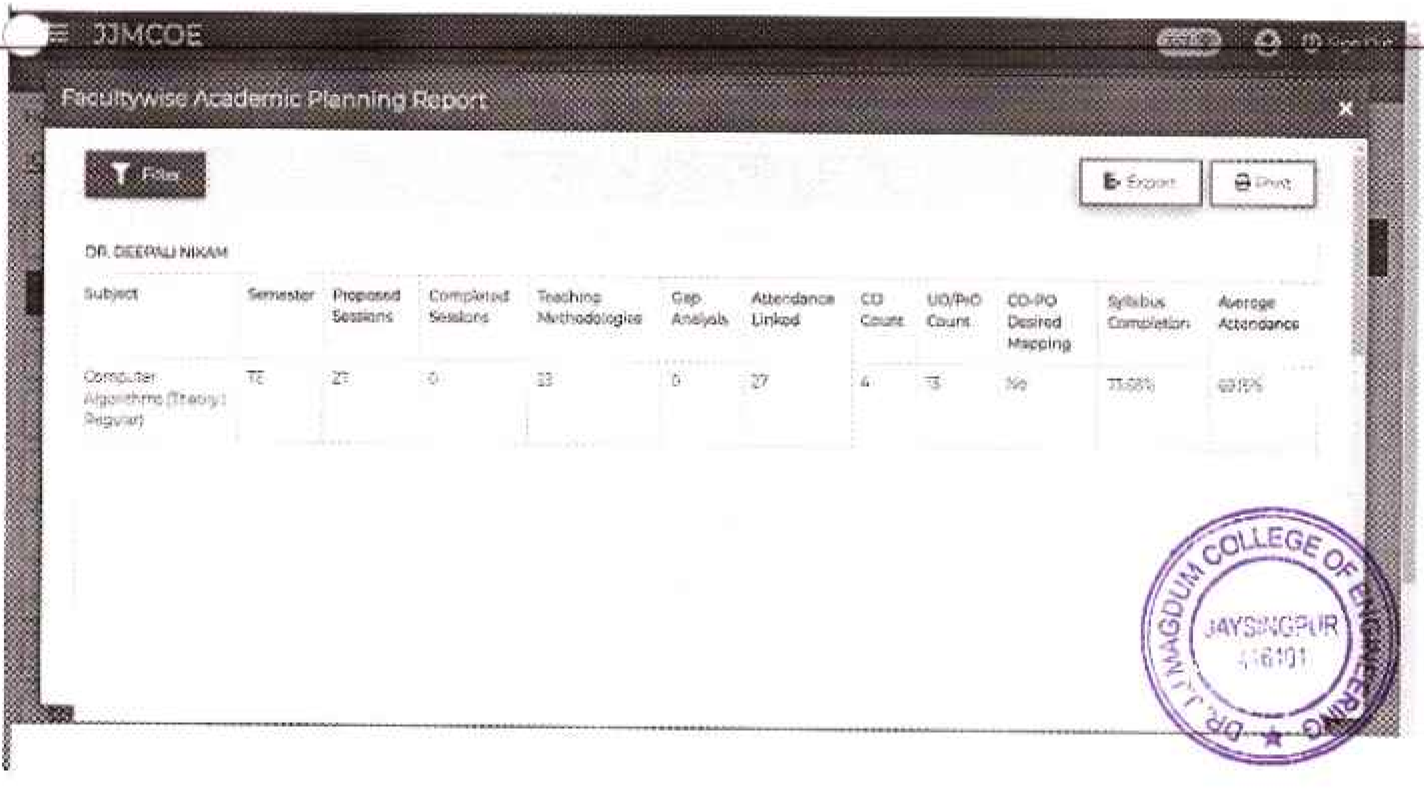
Committee Report



1 Committee List & Created On Report

Sr. No.	Committee Name	Created On	Number of Members
1	Project	01st Jan,2022	2
2	Transport Committee	12th Dec,2021	6
3	Sports	20th May,2022	6
4	Cultural Committee	12th Dec,2021	5
5	Anti-Ragging Committee	24th Feb,2022	14
6	Proctor	01st Jan 2022	4
7	Hostel	09th Feb,2022	7
8	Parent Meet	15th Oct 2021	5
9	ALUMNI CELL	07th Sep,2021	6
10	Internal Complaint Committee/Vishakha Committee	30th Oct,2021	2

Academic Planning Report



Facultywise Academic Planning Report

DR. DEEPALI NIKAM

Subject	Semester	Proposed Sessions	Completed Sessions	Teaching Methodologies	Gap Analysis	Attendance Linked	CO Count	UO/PO Count	CO-PO Desired Mapping	Syllabus Completion	Average Attendance
Computer Algorithms (Theory : Regular)	TE	27	0	23	0	27	4	15	56	73.68%	69.15%

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