Date: 01/02/23

To,
Campus Director,
ICEEM
Aurangabad.

Subject: Proposal for Introducing a Course in "Solid Works" for SE MECH Students for the Academic Year 2022-23

Respected Sir,

I am writing to propose the Introducing a Course in "Solid Works" for SE MECH Students for the Academic Year 2022-23

This course explores the basics of Solid Works software. Students will learn to the use of Solid Works software through various sessions during this course.

I believe that introducing this course will significantly benefit our students and enhance the academic standards of our Mechanical Department. I kindly request you to consider this proposal and approve the introduction of "Solid Works" as a part of the curriculum for the upcoming academic semester.
Thank you for considering my request. I am looking forward to your positive response.

The course Objectives, Course outline and Marking Scheme with Assessment are attached herewith this application.

Yours sincerely,

Prof. S. B. Janjal
Head of Mechanical Department

CAMPUS DIRECTOR
International Centre of
Excellence In Engg. & MGMT.
Aurangabad

Course Objectives:

1. **Introduction to Solid Works**: Familiarizing students with the interface, commands, and tools available in Solid Works.
2. **Drawing and Editing**: Teaching students how to create and modify 2D and 3D drawings using various drawing and editing commands.
3. **Layer Management**: Understanding the concept of layers in Solid Works and learning how to effectively organize drawings using layers.
4. **Dimensioning and Annotation**: Teaching students how to add dimensions and annotations to drawings to convey necessary information.
5. **Blocks and Attributes**: Introducing students to creating and using blocks and attributes to improve drawing efficiency and consistency.
6. **Basic 3D Modeling**: Providing an introduction to 3D modeling techniques in Solid Works, including creating basic 3D shapes and objects.
7. **Rendering and Visualization**: Exploring rendering options and visualization techniques to create realistic representations of 3D models.
8. **Customization**: Allowing students to customize Solid Works settings, tool palettes, and templates to suit specific workflow needs.
9. **Collaboration and Output**: Teaching methods for sharing Solid Works drawings with others, including plotting, publishing, and exporting files in various formats.
10. **Problem Solving and Troubleshooting**: Developing skills in identifying and resolving common issues encountered while using Solid Works.

Course Outline:

By the end of the course, students will be able to:

Effectively use Solid Works as a professional tool for design, drafting, and collaboration in various industries requiring precision and accuracy in technical drawings and 3D modeling.

Benefits to Students:

Studying Solid Works offers several benefits to students such as

1. **Improved Technical Skills**: Mastery of Solid Works software enhances students' technical proficiency in computer-aided design (CAD), allowing them to create precise and detailed drawings efficiently.
2. **Career Readiness**: Solid Works proficiency is a valuable asset in industries such as architecture, engineering, construction, manufacturing, and product design, making students more attractive to employers.

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3. **Increased Employability**: Knowledge of Solid Works opens doors to a wide range of job opportunities, including roles as CAD drafters, designers, technicians, and engineers.
4. **Efficiency and Productivity**: Solid Works's tools and features streamline the design process, enabling students to produce drawings faster and with greater accuracy compared to traditional methods.
5. **Enhanced Design Visualization**: Students can create 2D drawings and 3D models that visualize concepts and designs effectively, aiding in communication and presentation of ideas.
6. **Collaborative Skills**: Solid Works facilitates collaboration among team members by allowing them to work on the same project simultaneously, share files, and manage revisions efficiently.
7. **Professional Development**: Learning Solid Works enhances students' professional development by preparing them for industry standards and practices, including the ability to adhere to drawing standards and conventions.
8. **Problem-Solving Abilities**: Solid Works teaches students how to analyze design problems and find solutions using CAD tools and techniques, fostering critical thinking and problem-solving skills.
9. **Certification Opportunities**: Many Solid Works courses offer preparation for Autodesk certification exams, which can validate students' skills and enhance their credibility in the job market.
10. **Foundation for Advanced Learning**: Proficiency in Solid Works provides a solid foundation for students interested in pursuing further education or training in specialized areas of CAD software or related fields.

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Solid Works Assessment

Multiple-Choice Questions (MCQs) Test Paper (20 Marks)

Question 1:

Which feature in SolidWorks is used to create a solid body by revolving a sketch around an axis?

A) Extrude
B) Revolve
C) Sweep
D) Loft
Answer: B) Revolve

Question 2:

What is the primary purpose of the `Fillet` feature in SolidWorks?

A) To create holes in a part
B) To round the edges of a part
C) To add material to a part
D) To create a shell around a part
Answer: B) To round the edges of a part

Question 3:

Which SolidWorks tool would you use to duplicate a part feature along a specified path?

A) Linear Pattern
B) Circular Pattern
C) Sweep
D) Path Pattern
Answer: C) Sweep

Question 4:

What is the use of the `Shell` feature in SolidWorks?

A) To add material to a part
B) To hollow out a part
C) To create a fillet
D) To mirror a part
Answer: B) To hollow out a part

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Question 5:

In SolidWorks, what does the `Mate` feature do in an assembly?

A) Moves components together
B) Joins components together with specific relations
C) Removes material from components
D) Adds components to an assembly
Answer: B) Joins components together with specific relations

Question 6:

Which command in SolidWorks is used to create a new sketch on a model face?

A) New Sketch
B) Edit Sketch
C) Insert Sketch
D) Create Sketch
Answer: A) New Sketch

Question 7:

What does the `Loft` feature in SolidWorks allow you to do?

A) Create a feature by sweeping a profile along a path
B) Create a feature by revolving a profile around an axis
C) Create a feature by blending multiple profiles
D) Create a feature by extruding a profile
Answer: C) Create a feature by blending multiple profiles

Question 8:

Which feature is used to create a helical curve in SolidWorks?

A) Helix/Spiral
B) Sweep
C) Revolve
D) Extrude
Answer: A) Helix/Spiral

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Question 9:

What is the purpose of the `Draft` feature in SolidWorks?

A) To add text to a part
B) To create an angled surface on a part
C) To mirror a part
D) To round off edges
Answer: B) To create an angled surface on a part

Question 10:

In SolidWorks, which tool would you use to measure the distance between two points on a model?

A) Distance
B) Measure
C) Dimension
D) Evaluate
Answer: B) Measure

Marking Scheme

Sr. No.	Assessment Component	Marks Allocation
1	Multiple-Choice Questions (MCQ)	20 marks
2	Total	20 marks

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International Centre of
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Aurangabad

Date: 01/02/2023

To,

Head of Mechanical Engg.

ICEEM

Aurangabad,

Subject: Sanction for the Introduction of the Course "Solid Works" for SE Students for the Academic Year 2022-23

Dear Sir,

I am pleased to inform you that the College Development Committee has reviewed and approved your proposal to introduce the course " Solid Works " for the SE Mech students in the Mechanical Engg Department for the academic year 2022-23

We commend your initiative in proposing this course, which aligns with the college's commitment to providing our students with up-to-date and relevant educational opportunities. Approved Course Details:

Course Title: Solid Works

Department: Mechanical Engg.

Level: UG

Academic Year: 2022-23

Campus Director

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International Centre of
Excellence In Engg. & MGMT.
Aurangabad

Certificate Course Distrubtion Record Mech. Year:-2022-2023

Course Name:- Solid Works

Sr No.	Name of Student	Signature
1	AHIRE KRUSHNA ASHOK	
2	BHIVSANE KULDEEP SADU	
3	DABHADE UDDHAV RAOSAHEB	
4	DAIMIVAL KRUSHNAKANT VITTHAL	
5	DEORE PRAJAKTA SATISH	
6	DUDHWADE SHUBHAM VIJAY	
7	GAWADE SHUBHAM SUDAM	
8	GIRI DIPAK RAJU	
9	HANMANTE DEEPAK HANMANT	
10	INGLE PRATIKSHA BHAGWAN	
11	JADHAV ADITYA DINESH	
12	JADHAV AKASH SHANKAR	
13	JADHAV RUPALI TANHAJI	
14	JAYASWAL VIKAS KAILASCHANDRA	
15	JOSHI PRAKASH RADHAKRISHNA	
16	KAKADE YAMINEE DADARAO	
17	KAWADE VEDANT NAVNATH	
18	KOLTE VAIBHAV KALYAN	
19	KULKARNI NIKHIL	
20	KULKARNI OMKAR PRAKASH	
21	KULKARNI SHIVAM PRAKASH	
22	MANNA AMIT	
23	MEHTRE DIPAK SAHEBRAO	
24	MOHITE SAGAR MADHUKAR	
25	NIKAM SAISIDDHANT DADASAHEB	
26	PARSAIYA VINOD SANJAY	
27	PATHAN ALTAMASH SATTAR	
28	PAWAR ROSHAN VILAS	
29	PAWAR SUSHANT SUNIL	
30	SURASE RAHUL TARACHAND	
31	TRIBHUVAN RUPESH SURESH	
32	SALVE SANJAY SUDHAKAR	
33	SONAWANE AKASH SANJAY	
34	SONAWANE RITESH SURESH	
35	SONPASARE GANESH MILIND	

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Aurangabad

Date: 07/02/23

To,
Campus Director,
ICEEM
Aurangabad.

Subject: Proposal for Introducing a Course in "Advance AutoCAD" for TE MECH Students for the Academic Year 2022-23

Respected Sir,

I am writing to propose the Introducing a Course in "Advance AutoCAD" for TE MECH Students for the Academic Year 2022-23

This course explores the basics of Advance AutoCAD software. Students will learn to the use of AutoCAD software through various sessions during this course.

I believe that introducing this course will significantly benefit our students and enhance the academic standards of our Mechanical Department. I kindly request you to consider this proposal and approve the introduction of "Advance AutoCAD" as a part of the curriculum for the upcoming academic semester. Thank you for considering my request. I am looking forward to your positive response.

The course Objectives, Course outline and Marking Scheme with Assessment are attached herewith this application.

Yours sincerely,

Prof. S. B. Janjal
Head of Mechanical Department

CAMPUS DIRECTOR
International Centre of
Excellence In Engg. & MGMT.
Aurangabad

Course Objectives:

1. **Introduction to Advance AutoCAD**: Familiarizing students with the interface, commands, and tools available in Advance AutoCAD.
2. **Drawing and Editing**: Teaching students how to create and modify 2D and 3D drawings using various drawing and editing commands.
3. **Layer Management**: Understanding the concept of layers in Advance AutoCAD and learning how to effectively organize drawings using layers.
4. **Dimensioning and Annotation**: Teaching students how to add dimensions and annotations to drawings to convey necessary information.
5. **Blocks and Attributes**: Introducing students to creating and using blocks and attributes to improve drawing efficiency and consistency.
6. **Basic 3D Modeling**: Providing an introduction to 3D modeling techniques in Advance AutoCAD, including creating basic 3D shapes and objects.
7. **Rendering and Visualization**: Exploring rendering options and visualization techniques to create realistic representations of 3D models.
8. **Customization**: Allowing students to customize Advance AutoCAD settings, tool palettes, and templates to suit specific workflow needs.
9. **Collaboration and Output**: Teaching methods for sharing Advance AutoCAD drawings with others, including plotting, publishing, and exporting files in various formats.
10. **Problem Solving and Troubleshooting**: Developing skills in identifying and resolving common issues encountered while using Advance AutoCAD.

Course Outline:

By the end of the course, students will be able to:

Effectively use Advance AutoCAD as a professional tool for design, drafting, and collaboration in various industries requiring precision and accuracy in technical drawings and 3D modeling.

Benefits to Students:

Studying Advance AutoCAD offers several benefits to students such as

1. **Improved Technical Skills**: Mastery of Advance AutoCAD software enhances students' technical proficiency in computer-aided design (CAD), allowing them to create precise and detailed drawings efficiently.
2. **Career Readiness**: Advance AutoCAD proficiency is a valuable asset in industries such as architecture, engineering, construction, manufacturing, and product design, making students more attractive to employers.

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3. **Increased Employability**: Knowledge of Advance AutoCAD opens doors to a wide range of job opportunities, including roles as CAD drafters, designers, technicians, and engineers.
4. **Efficiency and Productivity**: Advance AutoCAD's tools and features streamline the design process, enabling students to produce drawings faster and with greater accuracy compared to traditional methods.
5. **Enhanced Design Visualization**: Students can create 2D drawings and 3D models that visualize concepts and designs effectively, aiding in communication and presentation of ideas.
6. **Collaborative Skills**: Advance AutoCAD facilitates collaboration among team members by allowing them to work on the same project simultaneously, share files, and manage revisions efficiently.
7. **Professional Development**: Learning Advance AutoCAD enhances students' professional development by preparing them for industry standards and practices, including the ability to adhere to drawing standards and conventions.
8. **Problem-Solving Abilities**: Advance AutoCAD teaches students how to analyze design problems and find solutions using CAD tools and techniques, fostering critical thinking and problem-solving skills.
9. **Certification Opportunities**: Many Advance AutoCAD courses offer preparation for Autodesk certification exams, which can validate students' skills and enhance their credibility in the job market.
10. **Foundation for Advanced Learning**: Proficiency in Advance AutoCAD provides a solid foundation for students interested in pursuing further education or training in specialized areas of CAD software or related fields.

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Advance AutoCAD Assessment

Multiple-Choice Questions (MCQs) Test Paper (20 Marks)

Question 1:

Which command allows you to draw a spline in AutoCAD?

A) PLINE
B) SPLINE
C) LINE
D) ARC
Answer: B) SPLINE

Question 2:

What is the function of the `XREF` command in AutoCAD?

A) To create external references
B) To create a block
C) To trim objects
D) To extend objects
Answer: A) To create external references

Question 3:

How do you create an array of objects in a circular pattern?

A) ARRAYRECT
B) ARRAYPOLAR
C) ARRAYPATH
D) MIRROR
Answer: B) ARRAYPOLAR

Question 4:

Which command would you use to join multiple line segments into a single polyline?

A) JOIN
B) SPLINE
C) PLINE
D) PEDIT
Answer: D) PEDIT

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Question 5:

What is the purpose of the PURGE command?

A) To delete unwanted objects
B) To clean up the drawing
C) To reduce file size
D) All of the above
Answer: D) All of the above

Question 6:

Which command allows you to create a 3D solid by sweeping a 2D profile along a path?

A) EXTRUDE
B) REVOLVE
C) SWEEP
D) LOFT
Answer: C) SWEEP

Question 7:

What does the UCSICON command do?

A) Toggles the display of the User Coordinate System icon
B) Changes the current UCS
C) Saves the current UCS
D) Resets the UCS to default
Answer: A) Toggles the display of the User Coordinate System icon

Question 8:

Which layer management tool would you use to isolate a layer for editing?

A) LAYER FREEZE
B) LAYER ISOLATE
C) LAYER LOCK
D) LAYER THAW
Answer: B) LAYER ISOLATE

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Question 9:

What is the purpose of the MATCHPROP command?

A) To match properties from one object to another
B) To create a new layer
C) To measure the distance between objects
D) To trim objects
Answer: A) To match properties from one object to another

Question 10:

Which command can be used to create a region from a closed polyline or other closed objects?

A) REGION
B) POLYLINE
C) BOUNDARY
D) TRIM
Answer: A) REGION

Marking Scheme

Sr. No.	Assessment Component	Marks Allocation
1	Multiple-Choice Questions (MCQ)	20 marks
2	Total	20 marks

Head of Mechanical Engineering

CAMPUS DIRECTOR
International Centre of
Excellence In Engg. & MGMT.
Aurangabad

Date: 01/02/2023

To,

Head of Mechanical Engg.

ICEEM

Aurangabad,

Subject: Sanction for the Introduction of the Course "Advance AutoCAD" for TE Students for the Academic Year 2022-23

Dear Sir,

I am pleased to inform you that the College Development Committee has reviewed and approved your proposal to introduce the course " Advance AutoCAD " for the TE Mech students in the Mechanical Engg Department for the academic year 2022-23

We commend your initiative in proposing this course, which aligns with the college's commitment to providing our students with up-to-date and relevant educational opportunities. Approved Course Details:

Course Title: Advance AutoCAD

Department: Mechanical Engg.

Level: UG

Academic Year: 2022-23

Campus Director

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International Centre of
Excellence In Engg. & MGM
Aurangabad

Certificate Course Distrubtion Record Mech. Year:-2022-2023

Course Name:- Advance AutoCAD

Sr No.	Name of Student	Signature
1	ABUJ ASHOK SUKHDEV	
2	ASWALE SHIVAM BANDU	
3	BIRAJDAR SHYAMRAO ASHOK	
4	CHATSE MAMTA MADHAV	
5	GIRAM DNYANESHWAR VISHNU	
6	KALE KIRAN VIJAY	
7	KAPURE MAYUR GOVIND	
8	KHURESHI ZAHIR CHANDPASHA	
9	KOLHE ABHISHEK ANIL	
10	MUNJEWAR HANMANT LAXMAN	
11	PANCHAL BALANAND ISHWAR	
12	RUTUJA SANJEEV MALI	
13	SANT SATISH RAMESH	
14	SHELKE GANESH MARIBA	
15	SHUBHAM DNYANESHWAR LOHAKANE	
16	SUMIT VILAS SONWANE	
17	VAIBHAV SURESH WANKHEDE	
18	WAGHMARE RUSHIKESH RAMESH	
19	LINGAYAT SHUBHAM NEMINATH	
20	MIRIKAR PARAG SUNIL	
21	NILAJKAR ADARSH ASHOK	
22	PATHADE ASHOK GORAKH	
23	SATPUTE GANESH ABASAHEB	
24	WAGHMARE PRANITA RADHAJI	
25	NIKAM SAISIDDHANT DADASAHEB	

CAMPUS DIRECTOR
International Centre of
Excellence In Engg. & MGMT.
Aurangabad

Date: 01/02/23

To,
Campus Director,
ICEEM
Aurangabad.

Subject: Proposal for Introducing a Course in "3-D Printing" for BE MECH Students for the Academic Year 2022-23

Respected Sir,

I am writing to propose the Introducing a Course in "3-D Printing" for BE MECH Students for the Academic Year 2022-23

This course explores the basics of 3-D Printing software. Students will learn to the use of 3-D Printing Machine through various sessions during this course.

I believe that introducing this course will significantly benefit our students and enhance the academic standards of our Mechanical Department. I kindly request you to consider this proposal and approve the introduction of "3-D Printing" as a part of the curriculum for the upcoming academic semester.
Thank you for considering my request. I am looking forward to your positive response.

The course Objectives, Course outline and Marking Scheme with Assessment are attached herewith this application.

Yours sincerely,

Prof. S. B. Janjal
Head of Mechanical Department

CAMPUS DIRECTOR
International Centre of
Excellence In Engg. & MGMT.
Aurangabad

Course Objectives:

- To Gain a thorough understanding of the history, evolution, and current trends in 3D printing.
- To Identify and differentiate between various 3D printing technologies such as Fused Deposition Modeling (FDM), Stereolithography (SLA), Selective Laser Sintering (SLS), and others.
- To Understand the advantages and limitations of different 3D printing methods.

- To Develop skills in 3D design and modeling using industry-standard software such as TinkerCAD, Fusion 360, and Blender.
- To Create and manipulate 3D models, ensuring they are optimized for 3D printing.
- To Apply design principles for additive manufacturing to create functional and aesthetically pleasing objects.

Course Outline:

Module 1: Introduction to 3D Printing

- History and Evolution of 3D Printing
- Types of 3D Printing Technologies (FDM, SLA, SLS, etc.)
- Applications of 3D Printing in Various Industries

Module 2: 3D Printing Hardware and Materials

- Overview of 3D Printers and Their Components
- Understanding Different Printing Materials (PLA, ABS, Resin, etc.)
- Choosing the Right Printer and Material for Your Project

Module 3: 3D Design and Modeling.

- Introduction to 3D Design Software (TinkerCAD, Fusion 360, Blender, etc.)
- Basics of 3D Modeling
- Creating 3D Models for Printing

Module 4: Slicing and Preparing Models for Printing

- Introduction to Slicing Software (Cura, PrusaSlicer, etc.)
- Optimizing Models for 3D Printing
- Setting Up Print Parameters (Layer Height, Infill, Supports, etc.)

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Module 5: 3D Printing Process

- Setting Up and Calibrating a 3D Printer
- Loading Filament and Preparing the Print Bed

- Printing Your First Object
- Troubleshooting Common Printing Issues

Module 6: Post-Processing Techniques

- Removing Supports and Cleaning the Print
- Sanding, Painting, and Finishing Techniques
- Assembling Multi-Part Prints

Module 7: Advanced 3D Printing Techniques

- Dual Extrusion and Multi-Material Printing
- Printing with Flexible and Exotic Materials
- Using 3D Scanning and Photogrammetry

Module 8: Applications and Case Studies

- 3D Printing in Prototyping and Product Development
- Medical and Dental Applications
- Architectural and Engineering Uses
- Customization and Mass Personalization

Module 9: Industry Standards and Best Practices

- Understanding 3D Printing Standards and Certifications
- Ensuring Quality and Consistency in 3D Prints
- Safety Practices and Maintenance of 3D Printers

Module 10: Future Trends and Innovations in 3D Printing

- Emerging Technologies and Materials
- 3D Printing in Space and Extreme Environments
- The Role of 3D Printing in Sustainable Manufacturing

Certification Requirements

- Attendance and Participation in All Modules
- Completion of Hands-On Projects and Assignments
- Passing Final Assessment (Written Exam and Practical Test)
- Submission of a Capstone Project (Design and Print a Complex Object)

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Potential Providers

- **Coursera**: Offers various courses in 3D Printing from top universities and companies.
- **Udemy**: Hosts numerous 3D Printing courses that cater to different levels of expertise.
- **LinkedIn Learning**: Provides courses on 3D Printing fundamentals and applications.
- **Local Universities and Technical Schools**: Often have specialized programs or workshops on 3D Printing.

Benefits of Certification

- Enhanced Knowledge and Skills in 3D Printing
- Practical Experience with Various 3D Printing Technologies and Materials
- Improved Job Prospects in Fields Such as Engineering, Design, and Manufacturing

3-D Printing Assessment

Multiple-Choice Questions (MCQs) Test Paper (20 Marks)

Question 1:

Which of the following is NOT a common type of 3D printing technology?

A) Fused Deposition Modeling (FDM)
B) Stereolithography (SLA)
C) Selective Laser Sintering (SLS)
D) Traditional Subtractive Manufacturing (TSM)
Answer: D) Traditional Subtractive Manufacturing (TSM)

Question 2:

What material is commonly used in Fused Deposition Modeling (FDM) 3D printers?

A) PLA
B) ABS
C) Resin
D) All of the above
Answer: D) All of the above

Question 3:

In 3D printing, what does the term "slicing" refer to?

A) Cutting the model into smaller pieces
B) Dividing the model into layers for printing
C) Trimming excess material from the print
D) Creating support structures
Answer: B) Dividing the model into layers for printing

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International Centre of
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Aurangabad

Question 4:

Which 3D printing technology uses a liquid photopolymer that is cured by a UV laser?

A) FDM
B) SLA
C) SLS
D) DLP
Answer: B) SLA

Question 5:

What is the primary function of support structures in 3D printing?

A) To strengthen the model
B) To prevent the model from warping
C) To provide a foundation for overhanging sections of the print
D) To reduce material usage
Answer: C) To provide a foundation for overhanging sections of the print

Question 6:

Which 3D printing process uses powdered material and a laser to fuse the powder into solid parts?

A) FDM
B) SLA
C) SLS
D) DLP
Answer: C) SLS

Question 7:

What is the advantage of using PLA over ABS in FDM printing?

A) Higher melting temperature
B) More flexibility
C) Biodegradability and ease of use
D) Better mechanical strength
Answer: C) Biodegradability and ease of use

Question 8:

In 3D printing, what does the term "infill" refer to?

A) The outer surface of the print
B) The internal structure of the print
C) The first layer of the print
D) The supports for the print
Answer: B) The internal structure of the print

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International Centre of Excellence In Engg. & MGMT.
Aurangabad

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Question 9:

Which file format is most commonly used for 3D printing?

A) .OBJ
B) .STL
C) .FBX
D) .DWG
Answer: B) .STL

Question 10:

What is the purpose of post-processing in 3D printing?

A) To prepare the model for printing
B) To enhance the appearance and functionality of the printed object
C) To slice the model into layers
D) To load the filament into the printer
Answer: B) To enhance the appearance and functionality of the printed object

Marking Scheme

Sr. No.	Assessment Component	Marks Allocation
1	Multiple-Choice Questions (MCQ)	20 marks
2	Total	20 marks

CAMPUS DIRECTOR
International Centre of
Excellence In Engg. & MGMT.
Aurangabad

Date: 01/02/2023

To,

Head of Mechanical Engg.

ICEEM

Aurangabad,

Subject: Sanction for the Introduction of the Course "3-D Printing" for BE Students for the Academic Year 2022-23

Dear Sir,

I am pleased to inform you that the College Development Committee has reviewed and approved your proposal to introduce the course " 3-D Printing " for the BE Mech students in the Mechanical Engg Department for the academic year 2022-23

We commend your initiative in proposing this course, which aligns with the college's commitment to providing our students with up-to-date and relevant educational opportunities. Approved Course Details:

Course Title: 3-D Printing

Department: Mechanical Engg.

Level: UG

Academic Year: 2022-23

Campus Director

CAMPUS DIRECTOR
International Centre of
Excellence In Engg. & MGM
Aurangabad

Certificate Course Distrubtion Record Mech. Year:-2022-2023

Course Name:- 3-D Printing

Sr No.	Name of Student	Signature
1	AHIRE POOJA SITARAM	
2	AJAB AMOL TUKARAM	
3	ARBAD AKSHAY GANPAT	
4	BAMNOTE HARSHAL RAVINDRA	
5	BHAJIBHAKRE PRATIK	
6	Bhusare vishal krushana	
7	DAMBALE KIRAN MADHUKAR	
8	DAPKE SUMIT	
9	DIWATE SUYOG KAILAS	
10	GANGWE DINESH SHIVRAM	
11	JAWALE SACHIN ASHOK	
12	KAMBALE RAHUL RAMESH	
13	KHANDAGALE MAHESH NILESH	
14	KOLI GANESH SOMNATH	
15	LOHAKARE KRUSHNA DATTATRA	
16	MALI REVATI MANOHAR	
17	MEHRA KANHIYA JOGENDRA	
18	MESHRAM SHUBHAM DNYANESHWAR	
19	MIRGE TUSHAR DATTATRAY	
20	MULE SANKET RAJABHAU	
21	NAIK MANGESH DADARAO	
22	NARKHEDE KAUSHAL JITENDRA	
23	NIKAM RUPALI RAJENDRA	
24	NIMROT AJAY DHANSING	
25	PATIL ABHISHEK MAHENDRA	
26	PATIL SURAJ DHANAJIRAO	
27	PATIL YOGESH ISHWAR	
28	SATDIVE AKASH BHAUSAHEB	
29	SHAIKH SAJID AYAJ	
30	SHELKE KRISHNA EKNATH	
31	SHINDE JANARDHAN RAJDHAR	
32	Shinde mangesh vasantrao	
33	SONAWANE ASHISH SUJIT	
34	SONAWANE HARSHAL VISHAWASRAO	
35	SONAWANE SAGAR PRAVIN	
36	SONKAMBLE SHUBHAM MILIND	

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37	TAMBE DNYANESHWARI SHARAD	
38	VANTALE PRERANA BHASKAR	
39	WAWRE DNYANESHWAR ATMARAM	
40	WAKODE ANIKET DEVIDAS	

CAMPUS DIRECTOR
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Aurangabad

Date: 01.07.22

To,
Campus Director,
ICEEM
Aurangabad.

Subject: Proposal for Introducing a Course in "Introduction of Blockchain Technology" for SE EEE Students for the Academic Year 2022-23.

Respected Sir,

I am writing to propose the Introducing a Course in "Introduction of Blockchain Technology" for SE EEE Students for the Academic Year 2022-23.

This course provides an introduction to blockchain technology, covering its origins, underlying principles, and practical applications. Students will explore how blockchain works as a decentralized ledger and its potential to revolutionize industries beyond finance.

I believe that introducing this course will significantly benefit our students and enhance the academic standards of our EEE Department.
Thank you for considering my request. I am looking forward to your positive response.
Yours sincerely,

Name :- Sayli Rathod.
Head of EEE Department
International Center for Excellence
in Engineering & Management

CAMPUS DIRECTOR
International Centre of
Excellence In Engg. & MGMT.
Aurangabad

Course Objectives:

- **Understand Blockchain Fundamentals**:
  - Define blockchain technology and its core components (blocks, transactions, cryptography).
  - Explain the decentralized nature of blockchain and its benefits compared to traditional centralized systems.
- **Explore Blockchain Architecture**:
  - Describe the structure of a blockchain: blocks, chains, nodes, and consensus mechanisms.
  - Differentiate between public, private, permissioned, and permissionless blockchains.
- **Learn Cryptographic Foundations for Blockchain**:
  - Understand basic cryptographic principles such as hash functions, digital signatures, and cryptographic hashing.
  - Analyze how cryptography ensures security, integrity, and immutability in blockchain transactions.
- **Examine Blockchain Consensus Mechanisms**:
  - Explore various consensus algorithms like Proof of Work (PoW), Proof of Stake (PoS), and Practical Byzantine Fault Tolerance (PBFT).
  - Evaluate the strengths, weaknesses, and applications of different consensus mechanisms in blockchain networks.
- **Introduction to Smart Contracts and Decentralized Applications (DApps)**:
  - Define smart contracts and their role in automating processes on the blockchain.
  - Discuss platforms like Ethereum for developing smart contracts and decentralized applications (DApps).
- **Study Blockchain Use Cases Across Industries**:
  - Identify real-world applications of blockchain technology beyond cryptocurrencies.
  - Analyze use cases in sectors such as supply chain management, healthcare, finance, and voting systems.
- **Explore Blockchain Security**:
  - Assess security challenges in blockchain networks, including 51% attacks, double spending, and private key management.
  - Develop strategies and best practices for enhancing blockchain security and mitigating risks.
- **Discuss Regulatory and Ethical Considerations**:
  - Review the regulatory landscape and legal considerations surrounding blockchain technology globally.

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Aurangabad

- Address ethical issues related to data privacy, ownership, and governance in blockchain applications.

- **Explore Emerging Trends and Future Directions**:
  - Investigate advanced topics in blockchain technology, such as interoperability, scalability solutions (e.g., sharding), and integration with AI and IoT.
  - Discuss ongoing research and development in blockchain innovations and their potential impact on industries.

Course Outline:

- Definition of blockchain technology
- Historical background and evolution of blockchain
- Importance and potential impact of blockchain in various industries.
- Components of a blockchain: blocks, chains, nodes
- Smart contracts and their role in blockchain
- Understanding transactions and wallets

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Benefits to Students:

These benefits illustrate how learning about blockchain technology can equip students with both technical skills and a broader understanding of its impact on society and industries.

- **Understanding Emerging Technology:** Students will grasp the foundational concepts of blockchain, a transformative technology poised to revolutionize various industries beyond finance, such as supply chain management, healthcare, and voting systems.

- **Career Opportunities:** Knowledge of blockchain opens doors to careers in blockchain development, smart contract programming, blockchain consulting, and blockchain architecture.

- **Enhanced Problem-Solving Skills:** Blockchain requires understanding complex decentralized systems and cryptographic principles, fostering critical thinking and problem-solving abilities.

- **Hands-on Experience:** Many courses include practical projects where students develop and deploy smart contracts, creating tangible skills and portfolio pieces.

- **Industry Relevance:** As blockchain adoption grows, understanding its applications and implications becomes increasingly valuable across industries, making students more attractive to employers.

- **Financial Literacy:** Studying blockchain introduces students to cryptocurrencies and digital assets, enhancing their financial literacy in the digital economy.

- **Global Perspective:** Blockchain operates on a global scale with implications for international finance and governance, providing students with insights into global economic trends and challenges.

- **Networking Opportunities:** Courses often include interactions with industry experts, networking events, or access to online communities focused on blockchain technology.

- **Ethical Considerations:** Understanding blockchain technology includes discussions on privacy, security, and ethical implications, preparing students to navigate these issues in their future careers.

- **Innovation and Entrepreneurship:** Students can explore entrepreneurial opportunities in blockchain startups or create innovative solutions levéraging blockchain technolog.

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Soft-skills Assisment

Multiple-Choice Questions (MCQs) Test Paper **(20 Marks)**

- **Question:** What is a key feature of blockchain technology?
  - A) Centralized control
  - B) Immutability
  - C) Dynamic scaling
  - D) Transparent anonymity

  Answer: B) Immutability

- **Question:** Which cryptographic technique is commonly used in blockchain for ensuring data integrity?
  - A) RSA
  - B) AES
  - C) SHA-256
  - D) DES

  Answer: C) SHA-256

- **Question:** In blockchain terminology, what are 'nodes'?
  - A) Individual transactions
  - B) Cryptocurrency miners
  - C) Participants in the network
  - D) Smart contracts

  Answer: C) Participants in the network

Question: Which type of blockchain allows anyone to join the network, read transactions, and participate in the consensus process?

- A) Public blockchain
- B) Private blockchain
- C) Consortium blockchain
- D) Permissioned blockchain
- **Answer:** A) Public blockchain

Question: What role do miners play in the blockchain network?

- A) Verifying transactions and adding them to the blockchain
- B) Creating new cryptocurrencies
- C) Securing private keys
- D) Executing smart contracts

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Answer: A) Verifying transactions and adding them to the blockchain

Question: Which programming language is commonly used for writing smart contracts on the Ethereum blockchain?

- A) JavaScript
- B) Python
- C) Solidity
- D) C++

Answer: C) Solidity

Question: What is the primary benefit of using smart contracts on a blockchain?

- A) Enhanced privacy
- B) Increased transaction speed
- C) Automated execution of agreements
- D) Greater decentralization

Answer: C) Automated execution of agreements

Question: What is a major security concern in public blockchains?

- A) Double spending
- B) 51% attacks
- C) Smart contract bugs
- D) Private key theft

Answer: B) 51% attacks

Question: What regulatory challenge do blockchain applications often face?

- A) Taxation policies
- B) Data encryption laws
- C) Anti-money laundering (AML) compliance
- D) Cybersecurity standards

Answer: C) Anti-money laundering (AML) compliance

Question: Which trend is considered a promising application of blockchain technology beyond cryptocurrencies?

- A) Social media platforms
- B) Virtual reality gaming
- C) Decentralized finance (DeFi)
- D) Artificial intelligence (AI) algorithms

Answer: C) Decentralized finance (DeFi)

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Marking Scheme

Sr. No.	Assessment Component	Marks Allocation
1	Multiple-Choice Questions (MCQ)	20 marks
2	**Total**	**20 marks**

Kindly, consider it.

Thank you.

Campus Director

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Aurangabad

IIRW'S

INTERNATIONAL CENTRE OF EXCELLENCE IN ENGINEERING AND MANAGEMENT (ICEEM)

NAAC Accredited

Date: 02/07/2022

To,

Name

Head of EEE Department

ICEEM, Aurangabad.

Subject: Sanction for the Introduction of the Course " Introduction of Blockchain technology " for SE EEE Students for the Academic Year 2022-23

Dear Name,

I am pleased to inform you that the College Development Committee has reviewed and approved your proposal to introduce the course " Introduction of Blockchain technology " for SE EEE Students for the Academic Year 2022-23.

We commend your initiative in proposing this course, which aligns with the college's commitment to providing our students with up-to-date and relevant educational opportunities. We recognize the importance of genetic engineering in contemporary scientific research and its potential applications in agriculture and biotechnology.

Approved Course Details:

Course Title: Introduction of Blockchain technology

Department: EEE

Level: UG Level

Academic Year: 2022-23

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ICEEM
esearch to reality.... NAAC Accredited

Date: 01.07.23

To,
Campus Director,
ICEEM
Aurangabad.

Subject: Proposal for Introducing a Course in "Basics Blockchain technology" for TE EEE Students for the Academic Year 2022-23.

Respected Sir,

I am writing to propose the Introducing a Course in "Basics Blockchain technology" for TE EEE Students for the Academic Year 2022-23.

This course provides an introduction to blockchain technology, covering its origins, underlying principles, and practical applications. Students will explore how blockchain works as a decentralized ledger and its potential to revolutionize industries beyond finance.

I believe that introducing this course will significantly benefit our students and enhance the academic standards of our EEE Department.
Thank you for considering my request. I am looking forward to your positive response.
Yours sincerely,

Name :- Sayli Rathod.
Head of EEE Department
International Center for Excellence
in Engineering & Management

CAMPUS DIRECTOR
International Centre of
Excellence In Engg. & MGMT.
Aurangabad

Add.: Gut No 4, Opp. Bajaj Auto Ltd. Main Gate, Aurangabad- Pune National Highway, Aurangabad - 431136 (MS) India.
Telephone : 0240 - 2558101 to 10 | Telefax 0240 - 2558111
Website : www.iceemabad.com | E-mail : director@iceemabad.com

Course Outline:

- Overview of blockchain technology
- History and evolution of blockchain
- Key characteristics: decentralization, transparency, immutability

Benefits to Students:

These benefits highlight how learning about blockchain technology can equip students with both technical skills and a broader understanding of its impact on society and industries, preparing them for future opportunities and challenges in the digital economy.

1. **Understanding a Transformative Technology**: Blockchain is a revolutionary technology with implications across various industries beyond finance, such as supply chain management, healthcare, and voting systems.
2. **Career Opportunities**: Knowledge of blockchain opens doors to careers in blockchain development, smart contract programming, blockchain consulting, and blockchain architecture.
3. **Enhanced Technical Skills**: Students gain practical skills in cryptography, decentralized systems, consensus algorithms, and smart contract development, enhancing their technical proficiency.
4. **Innovation and Entrepreneurship**: Learning blockchain encourages entrepreneurial thinking, allowing students to explore opportunities in blockchain startups or create innovative solutions leveraging blockchain technology.
5. **Financial Literacy**: Understanding blockchain introduces students to cryptocurrencies and digital assets, enhancing their financial literacy in the digital economy.
6. **Critical Thinking and Problem-Solving**: Blockchain requires understanding complex decentralized systems and cryptographic principles, fostering critical thinking and problem-solving abilities.
7. **Global Perspective**: Blockchain operates on a global scale with implications for international finance and governance, providing students with insights into global economic trends and challenges.
8. **Ethical Considerations**: Studying blockchain technology includes discussions on privacy, security, and ethical implications, preparing students to navigate these issues in their future careers.
9. **Networking Opportunities**: Courses often include interactions with industry experts, networking events, or access to online communities focused on blockchain technology.
10. **Industry Relevance**: As blockchain adoption grows, understanding its applications and implications becomes increasingly valuable across industries, making students more attractive to employers.

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Soft-skills Assisment

Multiple-Choice Questions (MCQs) Test Paper **(20 Marks)**

Question: What is the main purpose of a blockchain network?

- A) Storing large amounts of data
- B) Facilitating centralized control
- C) Enabling secure and transparent transactions
- D) Performing real-time analytics

Answer: C) Enabling secure and transparent transactions

Question: In blockchain terminology, what is a "block"?

- A) A group of interconnected nodes
- B) A centralized database entry
- C) A collection of verified transactions
- D) A digital signature algorithm

Answer: C) A collection of verified transactions

Question: Which consensus mechanism requires participants to prove ownership of a certain amount of cryptocurrency in order to validate transactions?

- A) Proof of Work (PoW)
- B) Proof of Stake (PoS)
- C) Byzantine Fault Tolerance (BFT)
- D) Delegated Proof of Stake (DPoS)

Answer: B) Proof of Stake (PoS)

Question: What does "immutability" mean in the context of blockchain?

- A) The ability to edit transaction details
- B) Data stored on the blockchain cannot be altered
- C) Only authorized users can access blockchain data
- D) Blockchain transactions are anonymous

Answer: B) Data stored on the blockchain cannot be altered

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Question: Which type of blockchain restricts access to authorized participants only?

- A) Public blockchain
- B) Private blockchain

Course Objectives:

- **Introduction to Blockchain**: Provide a comprehensive understanding of what blockchain technology is, its origins, and its key components.

- **Fundamental Concepts**: Explain the core concepts of decentralization, immutability, transparency, and consensus mechanisms as they relate to blockchain.

- **Blockchain Architecture**: Describe the structure of a blockchain, including blocks, chains, nodes, and the role of cryptographic hash functions.

- **Types of Blockchains**: Differentiate between public, private, consortium, and permissioned blockchains, discussing their respective use cases and differences.

- **Cryptographic Foundations**: Introduce the cryptographic principles underpinning blockchain technology, including hashing, digital signatures, and cryptographic keys.

- **Smart Contracts**: Explore the concept of smart contracts, their functionality, and their role in automating business processes on blockchain platforms.

- **Use Cases and Applications**: Examine real-world applications of blockchain technology beyond cryptocurrencies, such as supply chain management, healthcare, and voting systems.

- **Blockchain Security**: Discuss security considerations in blockchain networks, including consensus algorithm vulnerabilities, 51% attacks, and best practices for securing digital assets.

- **Regulatory and Legal Aspects**: Investigate the regulatory landscape surrounding blockchain technology, including data privacy, compliance, and legal enforceability of smart contracts.

- **Future Trends and Innovations**: Explore emerging trends in blockchain technology, such as decentralized finance (DeFi), non-fungible tokens (NFTs), and scalability solutions.

- **Hands-on Experience**: Provide practical exercises or projects where students can apply blockchain concepts, such as setting up a simple blockchain network or writing and deploying a smart contract.

- **Critical Analysis**: Encourage critical thinking about the potential benefits, challenges, and ethical implications of blockchain technology in various industries and societal contexts.

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- C) Consortium blockchain
- D) Hybrid blockchain

Answer: B) Private blockchain

Question: What role do nodes play in a blockchain network?

- A) Executing smart contracts
- B) Mining new cryptocurrency
- C) Verifying and storing transactions
- D) Securing private keys

Answer: C) Verifying and storing transactions

Question: Which blockchain platform introduced the concept of smart contracts?

- A) Bitcoin
- B) Ethereum
- C) Ripple
- D) Litecoin

Answer: B) Ethereum

Question: What is the primary advantage of using smart contracts?

- A) Increased network scalability
- B) Greater transaction anonymity
- C) Automated execution of agreements
- D) Enhanced data encryption

Answer: C) Automated execution of agreements

Question: What is a potential drawback of blockchain technology in terms of scalability?

- A) Limited transaction speed
- B) High energy consumption
- C) Vulnerability to cyber attacks
- D) Difficulty in securing digital assets

Answer: A) Limited transaction speed

Question: Which legal issue poses a challenge for widespread blockchain adoption?

- A) Intellectual property rights
- B) Environmental regulations
- C) Cryptocurrency taxation
- D) Consumer protection laws

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Answer: C) Cryptocurrency taxation

Marking Scheme

Sr. No.	Assessment Component	Marks Allocation
1	Multiple-Choice Questions (MCQ)	20 marks
2	**Total**	**20 marks**

Kindly, consider it.

Thank you.

Campus Director

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Aurangabad

IIRW'S

INTERNATIONAL CENTRE OF EXCELLENCE IN ENGINEERING AND MANAGEMENT (ICEEM)

NAAC Accredited

Date: 02/07/2023

To,

Name

Head of EEE Department

ICEEM, Aurangabad.

Subject: Sanction for the Introduction of the Course " Basics Blockchain technology " for TE EEE Students for the Academic Year 2022-23

Dear Name,

I am pleased to inform you that the College Development Committee has reviewed and approved your proposal to introduce the course " Basics Blockchain technology " for TE EEE Students for the Academic Year 2022-23.

We commend your initiative in proposing this course, which aligns with the college's commitment to providing our students with up-to-date and relevant educational opportunities. We recognize the importance of genetic engineering in contemporary scientific research and its potential applications in agriculture and biotechnology.

Approved Course Details:

Course Title: Basics Blockchain technology

Department: EEE

Level: UG Level

Academic Year: 2022-23

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Aurangabad

- Address ethical issues related to data privacy, ownership, and governance in blockchain applications.

- **Explore Emerging Trends and Future Directions**:
  - Investigate advanced topics in blockchain technology, such as interoperability, scalability solutions (e.g., sharding), and integration with AI and IoT.
  - Discuss ongoing research and development in blockchain innovations and their potential impact on industries.

Course Outline:

- Definition of blockchain technology
- Historical background and evolution of blockchain
- Importance and potential impact of blockchain in various industries.
- Components of a blockchain: blocks, chains, nodes
- Smart contracts and their role in blockchain
- Understanding transactions and wallets

Benefits to Students:

These benefits illustrate how learning about blockchain technology can equip students with both technical skills and a broader understanding of its impact on society and industries.

- **Understanding Emerging Technology:** Students will grasp the foundational concepts of blockchain, a transformative technology poised to revolutionize various industries beyond finance, such as supply chain management, healthcare, and voting systems.

- **Career Opportunities:** Knowledge of blockchain opens doors to careers in blockchain development, smart contract programming, blockchain consulting, and blockchain architecture.

- **Enhanced Problem-Solving Skills:** Blockchain requires understanding complex decentralized systems and cryptographic principles, fostering critical thinking and problem-solving abilities.

- **Hands-on Experience:** Many courses include practical projects where students develop and deploy smart contracts, creating tangible skills and portfolio pieces.

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Aurangabad

- **Industry Relevance:** As blockchain adoption grows, understanding its applications and implications becomes increasingly valuable across industries, making students more attractive to employers.

- **Financial Literacy:** Studying blockchain introduces students to cryptocurrencies and digital assets, enhancing their financial literacy in the digital economy.

- **Global Perspective:** Blockchain operates on a global scale with implications for international finance and governance, providing students with insights into global economic trends and challenges.

Marking Scheme

Sr. No.	Assessment Component	Marks Allocation
1	Multiple-Choice Questions (MCQ)	20 marks
2	**Total**	**20 marks**

Kindly, consider it.

Thank you.

Campus Director

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International Centre of
Excellence In Engg. & MGMT.
Aurangabad

IIRW'S

INTERNATIONAL CENTRE OF EXCELLENCE IN ENGINEERING AND MANAGEMENT (ICEEM)

NAAC Accredited

Date: 02/06/2023

To,

Name

Head of EEE Department

ICEEM, Aurangabad.

Subject: Sanction for the Introduction of the Course " Advance in Blockchain technology " for BE EEE Students for the Academic Year 2022-23

Dear Name,

I am pleased to inform you that the College Development Committee has reviewed and approved your proposal to introduce the course " Advance in Blockchain technology " for BE EEE Students for the Academic Year 2022-23.

We commend your initiative in proposing this course, which aligns with the college's commitment to providing our students with up-to-date and relevant educational opportunities. We recognize the importance of genetic engineering in contemporary scientific research and its potential applications in agriculture and biotechnology.

Approved Course Details:

Course Title: Advance in Blockchain technology

Department: EEE

Level: UG Level

Academic Year: 2022-23

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Aurangabad

Certificate Course Distrubtion Record EEE SE, TE, BE :-2022-2023

Course Name for SE;- Introduction of Blockchain Technology .

Course Name for TE:- Basics of Blockchain Technology

Course Name for BE :-Advance in Blockchain Technology

Sr.No	Name of the Students	Signature
1	AUTE GOKUL KADUBA	
2	CHAUDHARI PRASHANT GANESH	
3	CHAVAN MAYURI ANNASAHEB	
4	GARAD ABHISHEKH MADHUKAR	
5	GAWARE ASHWINI BHAGWAN	
6	GHODKE ABHISHEK GANESH	
7	INGALE NIKHIL PRAKASH	
8	INGALE TRUPTI JALINDHAR	
9	JADHAV NILESH TARACHAND	
10	KULKARNI ATHARVA PRAVIN	
11	KULKARNI DHANANJAY UDDHAVRAO	
12	MAGAR KRUSHNA MANSUB	
13	MAGAR SUHAS POPAT	
14	MULE ABHISHEK ASHOK	
15	NIKAM SHUBHAM POPAT	
16	PADALE AJAY DINKAR	
17	PANAGE MANTHAN UMAKANT	
18	PATHADE KADUBAL SHIVAJI	
19	PATIL DIVESH ARUN	
20	PAWAR RUSHIKESH ISHWAR	
21	PAWAR RUTIK VILAS	
22	RAMTEKE POOJA SURESH	
23	RATHOD AVINASH SUBHASH	
24	RAUT VISHESH JAYKUMAR	
25	SAKHARE VISHAL VISHWAMBHAR	
26	SALUNKE SHUBHANGI BHARAT	

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27	SATHE KOMAL ANKUSH	
28	SHAIKH AAFROJ SARDAR	
29	SHAIKH SOHEL HAMID	
30	SHAIKH CHAND SHAIKH NASIR	
31	TARTE ANJALI SHANKARAPPA	
32	TAWALE NISHA HANUMANT	
33	TURKAR UMESH PREMLAL	
34	UBALE RITESH JANARDAN	
35	VEER KUMAR BALU	
36	VISHWAKARMA ROHAN RAJESH	
37	Name of Students	
38	ARSUD SANDESH SUNDARLAL	
39	BAMANKAR KIRAN MADHAVRAO	
40	BHAWAR AADESH MANOHAR	
41	BHOSKAR CHETAN BANDU	
42	BURANGE AAKASH NATUBARAO	
43	GAIKWAD MANISHA DHARNDAS	
44	JADHAV GAURAV ABASAHEB	
45	JADHAV SONALI VILAS	
46	KADAM SATISH DHARMAJI	
47	KAMBLE SHRIDHAR PRAKASH	
48	KATURE VARSHA NANASAHEB	
49	KERE RAVINDRA SURESH	
50	KHANDARE PRADIP DINKAR	
51	KSHIRSAGAR SAROJ GOVIND	
52	LANDE ABHISHEKH BHAGWAT	
53	MATHKARI DIGVIJAY ACHYUT	
54	PATHAN SANA RASUL	
55	PATIL NEHA KAILAS	
56	RODE PRATHAMESH HANUMANT	
57	SHELKE SAGAR NAVNATH	
58	SHINDE AKASH ASHOK	
59	SOLANKE VINOD PANDURANG	
60	SONUNE SUNIL SAHEBRAO	
61	TAMBE VAISHALI BHAUSAHEB	
62	THOMBARE ARJUN RAMESHWAR	
63	THOMBARE DATTATRAY RAOSAHEB	
64	**Name of Students**	

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Aurangabad

65	BHISE ANKUSH GAUTAM	
66	CHAUHAN PRAVEEN AMARJEET	
67	DESHMUKH MAHIMA KESHAV	
68	KARPE YOGESH MOTIRAM	
69	KSHIRSAGAR VISHAL RAMESH	
70	NIKAM SHIVANI ASHOK	
71	NIMGAONKAR ANKUSH RAJENDRA	
72	RAUT VAIBHAV MOHANLAL	
73	SALVE SANGHAMITRA SANTOSH	
74	SHAHARWALE VAIBHAV JANARDAN	
75	SHAIKH SHAHABAJ SATTAR	
76	SHAKIL KHAN LUKMAN KHAN	
77	SINGH ANMOL JAGROOP	
78	SONNE BHAUSAHEB KAILASH	
79	THETE AMOL BABAN	
80	THOKAL GANESH SITARAM	
81	THORAT ISHWAR RAMESHRAO	
82	THORAT MAHESH SUBHASH	
83	VAISHNAV ASHISH BHIKAN	
84	WAGH SAGAR LAKSHMAN	
85	WAGH SHIVAM ASHOK	
86	**JADHAV TEJAS BALAJI**	

CAMPUS DIRECTOR
International Centre of
Excellence In Engg. & MGMT.
Aurangabad

Date:01/02/2022

To,
Campus Director,
ICEEM
Aurangabad.

Subject: Proposal for Introducing a Course in "**Soft Skills Development**" for CSE SE Students for the Academic Year 2022-23

Respected Sir,

I am writing to propose the Introducing a Course in "**Soft Skills Development**"***(Time Management)*** for CSE-SE Students for the Academic Year 2022-23

This Soft Skills Development Course is designed to equip participants with essential personal and interpersonal skills required for professional success. The course focuses on enhancing communication, emotional intelligence, leadership, and teamwork abilities, among other critical soft skills. Through interactive sessions, practical exercises, and real-world examples, participants will learn to effectively navigate various professional scenarios and build strong, productive relationships.

Course Objectives:

- Improve communication skills for clear and effective interaction.
- Develop emotional intelligence to manage one self and relationships better.
- Enhance teamwork and collaboration skills.
- Foster leadership abilities to inspire and motivate teams.
- Learn time management techniques to boost productivity.
- Strengthen problem-solving and critical thinking skills.
- Adapt to changing environments and handle stress effectively.
- Cultivate customer service skills to improve client interactions.
- Build professional networks and maintain ethical standards..

Course Outline:

- Introduction to *Time Management*
- Tools and Techniques in *Time Management*

Benefits to Students:

- Clarity and Conciseness: Learn to articulate thoughts clearly and concisely, making academic presentations and class discussions more effective.
- Active Listening: Develop listening skills that improve understanding and collaboration with peers and instructors.
- Build better relationships with classmates and teachers, leading to a more supportive and engaging learning environment.
- Teamwork: Enhance collaboration skills essential for group projects, sports teams, and extracurricular activities.

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- Gain insights into personal emotions and behaviors, fostering self-improvement and maturity.
- Empathy: Improve empathy and understanding of others, creating a more inclusive and respectful community.
- Prioritization: Learn to prioritize tasks effectively, balancing academic responsibilities with personal activities.
- Increase productivity and reduce stress by mastering time management techniques.
- Cultivate leadership qualities that enable students to take on leadership roles in school organizations and beyond.
- Learn to inspire and motivate peers, fostering a positive and productive team environment.
- Stronger Problem-Solving and Critical Thinking Skills:
- Enhance analytical thinking, enabling better understanding and solution of complex problems.
- Creative Solutions: Develop creative problem-solving skills, useful in academic projects and real-world scenarios.

I believe that introducing this course will significantly benefit our students and enhance the academic standards of our Computer Science & Engg. Department. I kindly request you to consider this proposal and approve the introduction of " **Soft Skills Development***"(Time Management)* " as a part of the curriculum for the upcoming academic year.

Thank you for considering my request. I am looking forward to your positive response.

Yours sincerely,

Name

Head of Computer Science & Engg. Department.

International Center Of Excellance In Engg & Management (ICEEM), Auranganbad

Multiple-Choice Questions (MCQs) Test Paper **(10 Marks)**

1.Which of the following best defines time management?

A. Completing tasks quickly

B. Prioritizing tasks effectively

C. Working long hours

D. Multi-tasking

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Answer: B. Prioritizing tasks effectively

2. Effective time management helps in:

A. Increasing stress levels

B. Improving productivity

C. Decreasing task complexity

D. Ignoring deadlines

Answer: B. Improving productivity

3.The Eisenhower Matrix categorizes tasks into:

A. Urgent and Important

B. Urgent and Non-essential

C. Important and Optional

D. Optional and Urgent

- Answer: A. Urgent and Important

4.Which technique involves categorizing tasks based on their urgency and importance?

A. Pomodoro Technique

B. Pareto Principle

C. Eisenhower Matrix

D. GTD Methodology

- Answer: C. Eisenhower Matrix

5. Procrastination can be managed by:

A. Ignoring deadlines

B. Breaking tasks into smaller steps

C. Completing tasks at the last moment

D. Prioritizing low-value tasks

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- Answer: B. Breaking tasks into smaller steps

6. Which is a common time-wasting activity to avoid?

A. Taking breaks

B. Procrastination

C. Delegating tasks

D. Setting deadlines

- Answer: B. Procrastination

7.Which strategy involves allocating specific time slots for different tasks?

A. Prioritization

B. Time blocking

C. Multitasking

D. Procrastination

- Answer: B. Time blocking

8.Parkinson's Law states that work expands to:

A. Match available time

B. Decrease in scope

C. Increase in complexity

D. Improve quality

- Answer: A. Match available time

9.Which tool helps in scheduling and organizing tasks efficiently?

A. Email

B. Calendar

C. Social media

D. Notebook

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- Answer: B. Calendar

10. SMART goals are:

A. Specific, Measurable, Attainable, Realistic, Timely

B. Simple, Manageable, Achievable, Relevant, Timed

C. Specific, Manageable, Achievable, Realistic, Tangible

D. Significant, Measurable, Actionable, Relevant, Time-bound

- Answer: A. Specific, Measurable, Attainable, Realistic, Timely

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Aurangabad

To,

Date:01/02/2022

Head of Computer Science & Engg.

International Center Of Excellance In Engg & Management (ICEEM),

Auranganbad

Subject: Sanction for the Introduction of the Course " **Soft Skill (Time Managment)"** for **SE** Students for the Academic Year 2022-23

Dear Name,

I am pleased to inform you that the College Development Committee has reviewed and approved your proposal to introduce the course " **Soft Skill (Time Managment)"** " for the UG students in the CSE Department for the academic year 2022-23.

We commend your initiative in proposing this course, which aligns with the college's commitment to providing our students with up-to-date and relevant educational opportunities. Approved Course Details.

Course Title: **Soft Skill (Time Managment)"**

Department: CSE

Level: UG

Academic Year: 2022-23

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Date: 01/02/2022

To,
Campus Director,
ICEEM
Aurangabad.

Subject: Proposal for Introducing a Course in "**Soft Skills Development**" for CSE TE Students for the Academic Year 2022-23

Respected Sir,

I am writing to propose the Introducing a Course in "**Soft Skills Development**"*(* **Network Managment***)* for CSE-TE Students for the Academic Year 2022-23

This Soft Skills Development Course is designed to equip participants with essential personal and interpersonal skills required for professional success. The course focuses on enhancing communication, emotional intelligence, leadership, and teamwork abilities, among other critical soft skills. Through interactive sessions, practical exercises, and real-world examples, participants will learn to effectively navigate various professional scenarios and build strong, productive relationships.

Course Objectives:

- Improve communication skills for clear and effective interaction.
- Develop emotional intelligence to manage one self and relationships better.
- Enhance teamwork and collaboration skills.
- Foster leadership abilities to inspire and motivate teams.
- Learn time management techniques to boost productivity.
- Strengthen problem-solving and critical thinking skills.
- Adapt to changing environments and handle stress effectively.
- Cultivate customer service skills to improve client interactions.
- Build professional networks and maintain ethical standards..

Course Outline:

- Introduction to Network Managment
- Tools and Techniques in Network Managment

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Benefits to Students:

- Clarity and Conciseness: Learn to articulate thoughts clearly and concisely, making academic presentations and class discussions more effective.
- Active Listening: Develop listening skills that improve understanding and collaboration with peers and instructors.
- Build better relationships with classmates and teachers, leading to a more supportive and engaging learning environment.
- Teamwork: Enhance collaboration skills essential for group projects, sports teams, and

- Gain insights into personal emotions and behaviors, fostering self-improvement and maturity.
- Empathy: Improve empathy and understanding of others, creating a more inclusive and respectful community.
- Prioritization: Learn to prioritize tasks effectively, balancing academic responsibilities with personal activities.
- Increase productivity and reduce stress by mastering time management techniques.
- Cultivate leadership qualities that enable students to take on leadership roles in school organizations and beyond.
- Learn to inspire and motivate peers, fostering a positive and productive team environment.
- Stronger Problem-Solving and Critical Thinking Skills:
- Enhance analytical thinking, enabling better understanding and solution of complex problems.
- Creative Solutions: Develop creative problem-solving skills, useful in academic projects and real-world scenarios.

I believe that introducing this course will significantly benefit our students and enhance the academic standards of our Computer Science & Engg. Department. I kindly request you to consider this proposal and approve the introduction of " **Soft Skills Development***"(Time Management)* " as a part of the curriculum for the upcoming academic year.

Thank you for considering my request. I am looking forward to your positive response.

Yours sincerely,

Name

Head of Computer Science & Engg. Department.

International Center Of Excellance In Engg & Management (ICEEM), Auranganbad

Multiple-Choice Questions (MCQs) Test Paper **(10 Marks)**

1.Which method encourages focusing on one task at a time?

A. Multitasking

B. Time blocking

C. Pomodoro Technique

D. GTD Methodology

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- Answer: C. Pomodoro Technique

2 Which statement reflects good time management?

A. Completing tasks as they come

B. Reacting to urgent tasks first

C. Scheduling time for planning and reflection

D. Working overtime to meet deadlines

- Answer: C. Scheduling time for planning and reflection

3. Which technique involves prioritizing tasks based on their impact?

A. Pareto Principle

B. Pomodoro Technique

C. Eisenhower Matrix

D. SMART Goals

- Answer: A. Pareto Principle

4. Which is NOT a benefit of effective time management?

A. Reduced stress

B. Improved decision-making

C. Increased productivity

D. Increased multitasking

- Answer: D. Increased multitasking

5 The 80/20 rule (Pareto Principle) suggests that:

A. 80% of results come from 20% of efforts

B. 80% of time should be spent on urgent tasks

C. 80 tasks should be completed daily

D. 80% of tasks are unimportant

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- Answer: A. 80% of results come from 20% of efforts

6 Which strategy involves evaluating daily accomplishments and planning the next day?

A. Time blocking

B. Task prioritization

C. End-of-day review

D. Multi-tasking

- Answer: C. End-of-day review

7. Which approach involves breaking larger tasks into smaller, manageable steps?

A. Procrastination

B. Time blocking

C. Task decomposition

D. GTD Methodology

- Answer: C. Task decomposition

8. Effective time management includes:

A. Ignoring deadlines

B. Regularly reviewing and adjusting plans

C. Multitasking on important tasks

D. Spending time on non-essential activities

- Answer: B. Regularly reviewing and adjusting plans

9. Which technique involves using a timer to work in focused intervals?

A. Eisenhower Matrix

B. Pomodoro Technique

C. GTD Methodology

D. Time blocking

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- Answer: B. Pomodoro Technique

10 Which is a characteristic of effective time managers?

A. Reacting to every email immediately

B. Saying "yes" to every request

C. Setting boundaries and saying "no" when necessary

D. Avoiding planning and scheduling

- Answer: C. Setting boundaries and saying "no" when necessary

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Date:01/02/2022

To,

Head of Computer Science & Engg.

International Center Of Excellance In Engg & Management (ICEEM),

Auranganbad

Subject: Sanction for the Introduction of the Course " **Soft Skill(Network Managment)** for **TE** Students for the Academic Year 2022-23

Dear Name,

I am pleased to inform you that the College Development Committee has reviewed and approved your proposal to introduce the course " **Soft Skill (Network Managment)"** " for the UG students in the CSE Department for the academic year 2022-23.

We commend your initiative in proposing this course, which aligns with the college's commitment to providing our students with up-to-date and relevant educational opportunities. Approved Course Details.

Course Title: **Soft Skill (Network Managment)"**

Department: CSE

Level: UG

Academic Year: 2022-2

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Aurangabad

Date: 01/02/2022

To,
Campus Director,
ICEEM
Aurangabad.

Subject: Proposal for Introducing a Course in **'Soft Skills Development** " for CSE BE Students for the Academic Year 2022-23

Respected Sir,

I am writing to propose the Introducing a Course in **'Soft Skills Development"*(Communication)*** for CSE-BE Students for the Academic Year 2022-23

This Soft Skills Development Course is designed to equip participants with essential personal and interpersonal skills required for professional success. The course focuses on enhancing communication, emotional intelligence, leadership, and teamwork abilities, among other critical soft skills. Through interactive sessions, practical exercises, and real-world examples, participants will learn to effectively navigate various professional scenarios and build strong, productive relationships.

Course Objectives:

- Improve communication skills for clear and effective interaction.
- Develop emotional intelligence to manage one self and relationships better.
- Enhance teamwork and collaboration skills.
- Foster leadership abilities to inspire and motivate teams.
- Learn time management techniques to boost productivity.
- Strengthen problem-solving and critical thinking skills.
- Adapt to changing environments and handle stress effectively.
- Cultivate customer service skills to improve client interactions.
- Build professional networks and maintain ethical standards..

Course Outline:

- Introduction to Communication
- Tools and Techniques in Communication

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Benefits to Students:

- Clarity and Conciseness: Learn to articulate thoughts clearly and concisely, making academic presentations and class discussions more effective.
- Active Listening: Develop listening skills that improve understanding and collaboration with peers and instructors.
- Build better relationships with classmates and teachers, leading to a more supportive and engaging learning environment.

- Gain insights into personal emotions and behaviors, fostering self-improvement and maturity.
- Empathy: Improve empathy and understanding of others, creating a more inclusive and respectful community.
- Prioritization: Learn to prioritize tasks effectively, balancing academic responsibilities with personal activities.
- Increase productivity and reduce stress by mastering time management techniques.
- Cultivate leadership qualities that enable students to take on leadership roles in school organizations and beyond.
- Learn to inspire and motivate peers, fostering a positive and productive team environment.
- Stronger Problem-Solving and Critical Thinking Skills:
- Enhance analytical thinking, enabling better understanding and solution of complex problems.
- Creative Solutions: Develop creative problem-solving skills, useful in academic projects and real-world scenarios.

I believe that introducing this course will significantly benefit our students and enhance the academic standards of our Computer Science & Engg. Department. I kindly request you to consider this proposal and approve the introduction of " **Soft Skills Development***"(Time Management)* " as a part of the curriculum for the upcoming academic year.

Thank you for considering my request. I am looking forward to your positive response.

Yours sincerely,

Name

Head of Computer Science & Engg. Department.

International Center Of Excellance In Engg & Management (ICEEM), Auranganbad

Multiple-Choice Questions (MCQs) Test Paper **(10 Marks)**

1.Which tool helps in identifying time-wasting activities?

A. Time blocking

B. Task prioritization

C. Time log

D. Procrastination

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- Answer: C. Time log

2. Which statement reflects the importance of setting deadlines?

A. Deadlines should be flexible to accommodate changes

B. Deadlines are unnecessary for task completion

C. Deadlines create a sense of urgency and focus

D. Deadlines should be ignored to reduce stress

- Answer: C. Deadlines create a sense of urgency and focus

3. Which approach involves delegating tasks to others?

A. Task prioritization

B. Time blocking

C. Delegation

D. Multitasking

- Answer: C. Delegation

4. Which technique involves visualizing tasks and their dependencies?

A. Task decomposition

B. Time blocking

C. Eisenhower Matrix

D. GTD Methodology

- Answer: A. Task decomposition

5. Effective time management includes:

A. Working on low-priority tasks first

B. Avoiding interruptions and breaks

C. Focusing on tasks with the highest impact

D. Multi-tasking on several urgent tasks

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- Answer: C. Focusing on tasks with the highest impact

6. Which method involves planning and organizing tasks for the day?

A. Time logging

B. Task scheduling

C. Task decomposition

D. Procrastination

- Answer: B. Task scheduling

7. Which approach helps in overcoming perfectionism and focusing on completion?

A. Time blocking

B. Task prioritization

C. The "Two-Minute Rule"

D. Eisenhower Matrix

- Answer: C. The "Two-Minute Rule"

8. Effective time managers prioritize tasks based on:

A. Complexity

B. Urgency and Importance

C. Size of the task

D. Personal preference

- Answer: B. Urgency and Importance

9 Which strategy involves setting specific time slots for different activities?

A. Time blocking

B. Multitasking

C. Task prioritization

D. Procrastination

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- Answer: A. Time blocking

10. Which statement reflects a benefit of effective time management?

A. Increased stress levels

B. Decreased productivity

C. Improved work-life balance

D. Inconsistent task completion

- Answer: C. Improved work-life balance

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Date:01/02/2022

To,

Head of Computer Science & Engg.

International Center Of Excellance In Engg & Management (ICEEM),

Auranganbad

Subject: Sanction for the Introduction of the Course " **Soft Skill (Communication)** for **BE** Students for the Academic Year 2022-23

Dear Name,

I am pleased to inform you that the College Development Committee has reviewed and approved your proposal to introduce the course " **Soft Skill (Communication)"** " for the UG students in the CSE Department for the academic year 2022-23.

We commend your initiative in proposing this course, which aligns with the college's commitment to providing our students with up-to-date and relevant educational opportunities. Approved Course Details.

Course Title: **Soft Skill (Communication)"**

Department: CSE

Level: UG

Academic Year: 2022-23

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Date:8/12/23

To,
Campus Director,
ICEEM
Aurangabad.

Subject: Proposal for Introducing a Course in "Excel Advance" for MBA FY Students for the Academic Year 2022-23

Respected Sir,

I am writing to propose the Introducing a Course in "Excel Advance" for MBA FY Students for the Academic Year 2022-23

This course explores the principles and practices of effective communication in business environments. Students will learn to communicate clearly, concisely, and persuasively through various mediums including written documents, presentations, and interpersonal interactions. Topics covered include:

I believe that introducing this course will significantly benefit our students and enhance the academic standards of our MBA Department. I kindly request you to consider this proposal and approve the introduction of "Excel Advance" as a part of the curriculum for the upcoming academic year.
Thank you for considering my request. I am looking forward to your positive response.
Yours sincerely,

Name :- Dr. Deepmala Biradar.
Head of MBA Department

International Center for Excellence in Engineering & Management

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Aurangabad

Course Objectives:

Excel Advance

- Gain proficiency in using complex functions such as VLOOKUP, INDEX-MATCH, and array formulas for advanced data manipulation.
- Understand and effectively use pivot tables to summarize, analyze, and present large datasets. Create dynamic pivot charts for insightful data visualization.
- Develop skills in creating macros to automate repetitive tasks and enhance workflow efficiency using VBA (Visual Basic for Applications).
- Implement sophisticated data validation rules and utilize conditional formatting techniques to highlight trends, anomalies, and key insights in data.
- Design and build dynamic dashboards and reports that provide interactive insights into complex datasets using slicers, timelines, and advanced charting techniques.
- Master advanced charting features to create visually appealing charts like combo charts, waterfall charts, and sparklines for effective data representation.
- Utilize Excel's collaboration tools to securely share workbooks, track changes, and manage access permissions for effective teamwork.
- Learn techniques to optimize data models, handle large datasets efficiently, and improve spreadsheet performance for complex analysis tasks.

Course Outline:

- Develop a solid understanding of Excel's interface, navigation, and basic functionalities.
- Data Entry and Formatting
- Efficiently enter and format data, including text, numbers, dates, and formatting cells for clarity and readability.
- Master essential Excel formulas and functions such as SUM, AVERAGE, IF, and VLOOKUP to perform calculations and data analysis tasks.
- Utilize tools like sorting, filtering, and conditional formatting to analyze and visualize data effectively.
- Create and customize PivotTables and PivotCharts to summarize, analyze, and present data insights dynamically.
- Enhance skills with advanced functions including INDEX-MATCH, SUMIFS, COUNTIFS, and array formulas for more complex data manipulation.

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Benefits to Students:

- Improved Data Analysis Abilities: Students can analyze large datasets more effectively, using advanced functions and tools like PivotTables and PivotCharts to extract meaningful insights from data.
- Enhanced Problem-Solving Skills: Mastering complex Excel formulas and functions fosters critical thinking and problem-solving abilities, applicable across various academic and professional scenarios.
- Efficient Task Automation: Knowledge of macros and VBA enables students to automate repetitive tasks, saving time and reducing errors in data entry and processing.
- Advanced Reporting Capabilities: Students can create dynamic dashboards and reports that visually represent data trends and patterns, enhancing their ability to communicate insights effectively.
- Preparation for Professional Roles: Advanced Excel skills are highly valued in many industries, preparing students for roles in data analysis, financial modeling, and business intelligence.
- Academic Excellence: With better organization and analysis of academic data, students can track their progress more effectively, manage study schedules, and improve overall academic performance.
- Career Readiness: Employers often seek candidates proficient in Excel for roles ranging from finance and accounting to marketing and operations, giving students a competitive edge in the job market.

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Excel Advance Assisment

Multiple-Choice Questions (MCQs) Test Paper (20 Marks)

1. What does the VLOOKUP function in Excel do?
   A. Searches for a value in the first column of a table array and returns a value in the same row from another column
   B. Calculates the average of selected numbers in a range
   C. Counts the number of cells that contain numbers in a range
   D. Checks if two cells are equal

   Answer: A. Searches for a value in the first column of a table array and returns a value in the same row from another column

2. Which Excel function would you use to find the highest value in a range of cells?
   A.MAX B. SUM C. AVERAGE D. COUNT
   Answer: A. MAX

3. In Excel, what does the formula =SUM(A1) do?
   A. Multiplies the values in cells A1 to A10
   B. Divides the values in cells A1 to A10
   C. Adds the values in cells A1 to A10
   D. Finds the average of the values in cells A1 to A10

   Answer: C. Adds the values in cells A1 to A10

4. Which Excel feature allows you to create dynamic reports by connecting to external data sources?
   A.PivotTables B. Data Validation C. Conditional Formatting D. Power Query
   Answer: D. Power Query

5. What is the purpose of the IFERROR function in Excel?
   A. Counts the number of errors in a selected range
   B. Checks if a cell contains an error value and returns a specified value if true
   C. Calculates the sum of selected cells
   D. Checks if two cells are equal

   Answer: B. Checks if a cell contains an error value and returns a specified value if true

6. Which Excel function would you use to count the number of cells in a range that meet specific criteria?
7. A. COUNT B. AVERAGE C. COUNTIF D. SUMIF
   Answer: C. COUNTIF

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8. What does the CONCATENATE function in Excel do?

   A. Adds numbers in selected cells
   B. Combines text from multiple cells into one cell
   C. Calculates the average of selected numbers in a range
   D. Divides numbers in selected cells

   Answer: B. Combines text from multiple cells into one cell

9. In Excel, what does the formula =VLOOKUP(A2, B2
   , 3, FALSE) do?
   A. Searches for a value in column B and returns a value from column D
   B. Searches for a value in column A and returns a value from column B
   C. Searches for a value in column D and returns a value from column B
   D. Searches for a value in column B and returns a value from column C
   Answer: A. Searches for a value in column B and returns a value from column D

10. Which Excel feature allows you to visualize trends and variations in data within a single cell? A. Goal Seek B. Data Validation C. Conditional Formatting D. Scenario Manager
    Answer: C. Conditional Formatting

11. What is the purpose of the INDEX function in Excel?

    A. Returns the reference of a cell
    B. Returns the row number of a cell
    C. Returns the value of a cell at a specified row and column
    D. Returns the average value of selected cells

Answer: C. Returns the value of a cell at a specified row and column

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Marking Scheme

Sr. No.	Assessment Component	Marks Allocation
1	Multiple-Choice Questions (MCQ)	20 marks
2	Total	20 marks

Kindly, consider it.

Thank you.

Head of the Department

Date:18/12/23

To,
Campus Director,
ICEEM
Aurangabad.

Subject: Proposal for Introducing a Course in "Time Management" for MBA SY Students for the Academic Year 2022-23

Respected Sir,

I am writing to propose the Introducing a Course in "time Management" for MBA SY Students for the Academic Year 2022-23

Time management refers to the process of organizing and planning how to divide your time between specific activities effectively. It involves prioritizing tasks, setting goals, allocating resources, and scheduling activities to maximize productivity and achieve objectives. Effective time management helps individuals work smarter rather than harder, ensuring tasks are completed efficiently without feeling overwhelmed or stressed. Key aspects often include prioritization, setting deadlines, delegation, minimizing distractions, and maintaining a balance between work and personal life.

I believe that introducing this course will significantly benefit our students and enhance the academic standards of our MBA Department. I kindly request you to consider this proposal and approve the introduction of "Time Management" as a part of the curriculum for the upcoming academic year.
Thank you for considering my request. I am looking forward to your positive response.
Yours sincerely,

Name :- Dr. Deepmala Biradar.
Head of MBA Department

International Center for Excellence in Engineering & Management

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Excellence In Engg. & MGMT.
Aurangabad

Course Objectives:

1. Understand Time Management Principles: Gain a comprehensive understanding of the principles and theories underlying effective time management.
2. Set Clear Goals and Priorities: Learn techniques to define and prioritize goals, aligning them with personal and organizational objectives.
3. Develop Planning and Scheduling Skills: Acquire skills in creating realistic schedules, task lists, and routines to optimize time usage.
4. Master Task Management Techniques: Learn strategies for breaking down tasks, delegating effectively, and managing projects efficiently.
5. Minimize Procrastination and Time Wasters: Identify common time wasters and develop strategies to overcome procrastination and maintain focus.
6. Handle Distractions and Interruptions: Learn methods to minimize distractions, handle interruptions, and stay focused on critical tasks.
7. Implement Productivity Tools and Technologies: Explore tools, apps, and technology that enhance productivity and time management efficiency.
8. Conduct Time Audits and Assessments: Develop skills to conduct time audits, analyze time usage patterns, and implement improvements based on findings.
9. Balance Workload and Personal Life: Understand the importance of work-life balance and develop strategies to achieve it through effective time management.
10. Continuous Improvement: Cultivate habits for ongoing self-assessment, reflection, and adjustment to continually improve time management practices.

Course Outline:

By the end of the course, students will be able to:

- Overview of Time Management Principles
- Importance of Effective Time Management
- Benefits of Improved Time Management SkillsSetting SMART Goals (Specific, Measurable, Achievable, Relevant, Time-bound)
- Prioritization Techniques (Eisenhower Matrix, ABC Analysis)
- Aligning Goals with Personal and Organizational ObjectivesCreating Effective Time Blocks and Schedules
- Techniques for Planning Daily, Weekly, and Long-term Tasks
- Using Tools and Technology for Scheduling (Calendars, Apps)
- Breaking Down Tasks into Manageable Steps
- Strategies for Managing Projects Efficiently
- Delegation Techniques and Effective Task Assignment

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Benefits to Students:

Time management offers several significant benefits to students, enhancing their academic performance, personal well-being, and future success:

1. Improved Academic Performance: Effective time management helps students prioritize tasks such as assignments, projects, and study sessions. This allows them to allocate sufficient time to each subject or task, leading to better understanding of material and improved grades.
2. Reduced Stress and Anxiety: By managing their time effectively, students can avoid last-minute cramming and deadline pressures. This leads to reduced stress levels, better mental health, and an overall improved sense of well-being.
3. Enhanced Productivity: Time management skills enable students to work more efficiently. They can accomplish more in less time by setting clear goals, planning their study sessions, and eliminating distractions.
4. Development of Self-Discipline: Learning to manage time effectively requires discipline and self-control. Students develop these crucial life skills, which are valuable both academically and professionally.
5. Opportunities for Personal Growth: Effective time management allows students to pursue extracurricular activities, hobbies, and personal interests without compromising their academic responsibilities. This holistic approach fosters personal growth and a balanced lifestyle.
6. Preparation for Future Challenges: Mastering time management prepares students for the demands of higher education and the workforce. They learn to prioritize tasks, meet deadlines consistently, and adapt to changing circumstances—skills essential for future success.

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Time Management Assisment

Multiple-Choice Questions (MCQs) Test Paper **(20 Marks)**

1. What is the primary purpose of time management?
   - A) To eliminate all tasks
   - B) To maximize productivity and efficiency
   - C) To procrastinate effectively
   - D) To work without breaks
   - Answer: B) To maximize productivity and efficiency
2. Which technique helps in prioritizing tasks based on urgency and importance?
   - A) ABC analysis
   - B) Random selection
   - C) Avoidance strategy
   - D) Overloading schedule
   - Answer: A) ABC analysis
3. What does the Eisenhower Matrix help in organizing?
   - A) Goals and objectives
   - B) Tasks based on urgency and importance
   - C) Social events
   - D) Reading materials
   - Answer: B) Tasks based on urgency and importance
4. What is a common consequence of poor time management?
   - A) Increased stress
   - B) Improved concentration
   - C) Decreased workload
   - D) Enhanced creativity
   - Answer: A) Increased stress
5. Which of the following is NOT a time management tool?
   - A) Calendar
   - B) Task list
   - C) Stopwatch
   - D) Randomizer
   - Answer: D) Randomizer
6. What is the first step in effective time management?
   - A) Checking emails
   - B) Setting clear goals
   - C) Taking random breaks
   - D) Ignoring deadlines
   - Answer: B) Setting clear goals

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7. Which strategy helps in overcoming procrastination?
   - A) Setting SMART goals
   - B) Delaying important tasks
   - C) Multitasking without breaks
   - D) Avoiding planning
   - Answer: A) Setting SMART goals
8. How does effective time management impact productivity?
   - A) Decreases productivity
   - B) Increases stress levels
   - C) Maximizes productivity
   - D) Reduces efficiency
   - Answer: C) Maximizes productivity
9. What is the benefit of creating a daily schedule?
   - A) It increases randomness
   - B) It maximizes distractions
   - C) It enhances focus and organization
   - D) It reduces flexibility
   - Answer: C) It enhances focus and organization
10. What role does delegation play in time management?
    - A) Increases personal workload
    - B) Enhances efficiency
    - C) Encourages procrastination
    - D) Eliminates tasks
    - Answer: B) Enhances efficiency

Marking Scheme

Sr. No.	Assessment Component	Marks Allocation
1	Multiple-Choice Questions (MCQ)	20 marks
2	Total	20 marks

Kindly, consider it.

Thank you.

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Aurangabad

Head of the Department

Date:10/12/23

To,
Dr. Deepmala Biradar,
Head of MBA Department.
ICEEM,

Subject: Sanction for the Introducing a Course in "Excel Advance" for MBA FY Students for the Academic Year 2022-23

Dear Dr. Deepmala Biradar,

I am pleased to inform you that the College Development Committee has reviewed and approved your proposal to introduce Introducing a Course in "Excel Advance" for MBA FY Students for the Academic Year 2022-23

We commend your initiative in proposing this course, which aligns with the college's commitment to providing our students with up-to-date and relevant educational opportunities.

Approved Course Details:
Course Title: in "Excel Advance"
Department: MBA Department
Level: MBA
Academic Year: 2022-23

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International Centre of
Excellence In Engg. & MGMT.
Aurangabad

Date:20/12/23

To,
Dr. Deepmala Biradar,
Head of MBA Department.
ICEEM,

Subject: Sanction for the Introducing a Course in "Time Management" for MBA SY Students for the Academic Year 2022-23

Dear Dr. Deepmala Biradar,

I am pleased to inform you that the College Development Committee has reviewed and approved your proposal to introduce Introducing a Course in "Time Management" for MBA SY Students for the Academic Year 2022-23

We commend your initiative in proposing this course, which aligns with the college's commitment to providing our students with up-to-date and relevant educational opportunities.

Approved Course Details:
Course Title: "Time Management"
Department: MBA Department
Level: MBA
Academic Year: 22-23

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Aurangabad

REF: ICEEM/MBA/CC/2021-22/02

Date :- 25/04/2022

Department:- Master of Business Administration

Notice

All MBA Second-Year Students are hereby informed that the certification course with following details will start from 02/05/22.

Certificate Course:- Soft skill Development

Eligibility: MBA Second-Year students
Course Duration: [30 Days]

Head of Department
Department:- Master of Business Administration

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IN ENGINEERING AND MANAGEMENT (ICEEM)
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REF: ICEEM/MBA/CC/2021-22/01

Date :- 25/04/2022

Department:- Master of Business Administration

Notice

All MBA First-Year Students are hereby informed that the certification course with following details will start from 02/05/22.

Certificate Course:- Business Communication

Eligibility: MBA First-Year students
Course Duration: [30 Days]

Head of Department
Department:- Master of Business Administration

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Aurangabad

Add.: Gut No.4, Opp. Bajaj Auto Ltd. Main Gate, Aurangabad- Pune National Highway, Aurangabad - 431136 (MS) India.
Telephone : 0240 - 2558101 to 10 | **Telefax** 0240 - 2558111
Website : www.iceemabad.com | **E-mail** : director@iceemabad.com

Certificate Course Distrubtion Record MBA Firest Year:-2021-2022

Course Name;- Bussiness Communication.

Sr No.	Name of Student	Signature
1	BANDGARA MANOJA MANOHARA	
2	BANDRE PRASAD RAJU	
3	BANSODE DIPALI NARAYAN	
4	BARWAL BHUMIKA BHARATSING	
5	BIRADAR ANIKET ANKUSH	
6	BIRADAR SADASHIV ANKUSH	
7	BODELE PRALAY PREMDAS	
8	CHAPE YOGESH SHRIMANT	
9	CHIMANKAR HEMANT TIKARAM	
10	CHOLE PREM SHIVAJI	
11	DEORE RUPALI BALIRAM	
12	DHAKNE AMOL PANDIT	
13	GADGE MRUNALI ANIL	
14	GAYKE SAVITA BABASAHEB	
15	GHOLVE MONIKA NAMDEO	
16	HIRKAR KEDAR BADRINATH	
17	HIWARKAR VICKY DILIP	
18	JADHAV PRASHANT SHALIKRAM	
19	JOSHI NIKHIL GAJANAN	
20	KADAM SHUBHAM RAMESH	
21	KAKDEA MOHITA SHARADA	
22	KALYANKAR POOJA DEVIDAS	
23	KASLIWAL RICHA MANOJKUMAR	
24	KHANDRE SHUBHAM ANIL	
25	KHEDKAR SUREKHA AJINATH	
26	KULDHAR AARATI DIPAK	
27	LAGHANE KRUSHNA DNYANESHWAR	
28	LOHAR MAHESH ATMARAM	
29	MANEE AKASHA SANJAYA	
30	MARATHE ARVIND GAURISHANKAR	
31	MIRGEA AKSHAY KAUTIK	
32	MUNDHE SHUBHAM KESHAV	
33	NAGRALE PRADNYA BABURAO	
34	PANDURE PIYUSH GANESH	

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35	PATIL OMKAR SOMNATH	
36	PAWAR PAYAL VASNTA	
37	PAWAR SHARAD VILAS	
38	RATHOD PANKAJ KAILAS	
39	SAKARE RUPESH GANESH	
40	SATPUTE AMOL RAMESH	
41	SHEJWAL TUSHAR SHANTILAL	
42	SHINDE BABASAHEB DYANDEV	
43	SURWASE SHRIPAD PRAKASH	
44	TANDALE SUMIT SANTOSH	
45	TELGAD SHANKAR NIVARTTI	
46	THAPA PAYAL SHYAM	
47	THOOL PANKAJ KISHOR	
48	THORAT ANIKET BALU	
49	BANDGARA MANOJA MANOHARA	
50	BANDRE PRASAD RAJU	
51	BANSODE DIPALI NARAYAN	
52	BARWAL BHUMIKA BHARATSING	
53	BIRADAR ANIKET ANKUSH	
54	BIRADAR SADASHIV ANKUSH	
55	BODELE PRALAY PREMDAS	
56	CHAPE YOGESH SHRIMANT	
57	CHIMANKAR HEMANT TIKARAM	
58	CHOLE PREM SHIVAJI	
59	DEORE RUPALI BALIRAM	
60	BANDGARA MANOJA MANOHARA	
61	BANDRE PRASAD RAJU	

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Certificate Course Distrubtion Record MBA Second Year:-2021-2022

Course Name;- Softskills.

Sr No.	Name of Student	Signature
1	BHAPKAR SANKET APPA	
2	CHAUDHARI PALLAVI NARAYAN	
3	GAIKWAD MUNJA EKNATH	
4	GIRI MANGESH BHIKACHAND	
5	GORE CHAYA ASHOK	
6	JADHAV SANDIP DEVRAO	
7	JADHAV SHAILESH VIJAY	
8	JAMDADE GOVIND PUNJAREAM	
9	KOKATE PRITHVIRAJ BADRINATH	
10	KURHADE SOMESH YASHWANTRAO	
11	MORE RAHUL BHIMRAO	
12	NADE ADARSH BABULAL	
13	PACHUNDE NITESH GAJANAN	
14	PATKI RENUKA LAKSHMAN	
15	SHELKE ROHAN SHRIPATI	
16	RAGADE PRAMOD(Repeater)	
17	BHISE NITIN BABULAL	
18	BHOI PAWAN NARENDRA	
19	CHOPDE PARMESHWAR BALIRAM	
20	DABHADE SHUBHAM SUGANDH	
21	DHANAYAT GAURAV RAMESHWAR	
22	MATKAR VISHAL BALKRUSHNA	
23	PRADHAN AJAY RAMDAS	
24	WAGHMARE SAURABH SURESH	
25	BANKAR ANIKET ARUN	
26	BANKAR ASMITA ARUN	
27	BARVE MAYURI NANDU	
28	BEDRE VAISHNAVI MAHESH	
29	DIGHOLE JYOTI VASANT	
30	JAGTAP AVINASH SUNIL	
31	JAIN VRUSHABH SUNILKUMAR	
32	KIRTIKAR KRUSHNA BHIMRAO	
33	MORE JAYKUMAR SAGAR	
34	NIKAM CHAYA DAGDU	

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35	NIKAM RAHUL DAGDU	
36	PARDESHI RUSHIKESH NARENDRA	
37	PAWAR SHUBAHAM APPARAO	
38	POWADE VISHAL ANANDRAO	
39	PULKUNDWAR KAUSTUBH RAMAKANT	
40	SINGH NIKITA MANOJ	
41	TAMBILE RAJNI PRADIP	
42	UBALE ANAND MILIND	
43	YENARE PRATIKSHA RAMDAS	
44	SARODE MANGESH GANESH	
45	KHAPLE ADITYA VASUDEV	
46	KHARAT ANIL EKNATH	
47	LAVHERA HARISH VISHNU	
48	SALVE RAHUL LAKSHMIKANT	
49	SHIRSATH JEEVAN PRABHAKAR	
50	BALANDE UMESH SONAJI	
51	DHORKULE VISHAL BABASAHEB	
52	NANDANE VINAYAK RAMRAO	
53	NIKAM AISHWARYA GOROBA	
54	SHINDE PRAVIN SOPAN	
55	VERMA MANOJ KUMAR MANOHARLAL	
56	WAGH ASHISH DEVIDAS	
57	WAGH BHUSHAN TUKARAM	
58	GAJBHAR NAGESH	
59	GAIKWAD PRIYANKA ASHISH	
60	HUMBE AVINASH BHIMRAO	
61	SONAWANE SHAMAL RAMESH	

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Aurangabad

Date:04/05/2022

To,
The Campus Director,
ICEEM, Waluj,
Aurangabad.

Subject: Proposal for Introducing a Course in *'Soft Skill Development'* for Civil Engineering Students for the Academic Year 2021-22

Respected Sir,

I am writing to propose the introduction of a new course titled *"Soft Skill Development' "* for the Civil Engineering students in the Civil Engineering Department for the academic year 2021-22.

Soft skills are often considered essential for success in the life, as they can help individuals communicate effectively, work well in teams, and adapt to changing environments. Students value soft skills because they contribute to a positive work culture and can lead to improved productivity and collaboration among team work.

Course Objectives:

- To enhance communication skills.
- To build strong teamwork abilities
- To improve problem-solving and critical thinking
- To develop strategies to manage change and uncertainty.

Course Outline:

- **Introduction to Soft Skills**
- **Course Overview**
- **Understanding Soft Skills**
- **Communication Skills**
- **Effective Verbal Communication**
- **Non-Verbal Communication**
- **Written Communication**

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- **Active Listening**
- **Teamwork and Collaboration**

Benefits to Students:

- Enhancing their personal, academic, and professional lives.
- Students gain a better understanding of their strengths, weaknesses, and areas for improvement, leading to personal growth.
- Improved teamwork skills enable students to collaborate more effectively on group projects and assignments.

I believe that introducing this course will significantly benefit our students and enhance the academic standards of our Civil Department. I kindly request you to consider this proposal and approve the introduction of *"Soft Skill Development"* as a part of the curriculum for the upcoming academic year.
Thank you for considering my request. I am looking forward to your positive response.

Yours sincerely,

Prof. Vinod B. Shikhare
Head of Civil Department
ICEEM, Aurangabad

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Aurangabad

Soft-skills Assessment

Multiple-Choice Questions (MCQs) Test Paper **(20 Marks)**

Q1: Which of the following is a critical component of effective communication?
a) Speaking louder
b) Active listening
c) Interrupting frequently
d) Using technical jargon

Answer: b) Active listening

2. Teamwork

Q2: Which behavior is essential for effective teamwork?
a) Working in isolation
b) dominating the discussion
c) Sharing credit and responsibilities
d) Ignoring others' opinions

Answer: c) Sharing credit and responsibilities

3. Problem-Solving

Q3: Which step is NOT part of the problem-solving process?
a) Defining the problem
b) Blaming others
c) Generating alternatives
d) Implementing solutions

Answer: b) Blaming others

4. Leadership

Q4: Which of the following is a characteristic of a good leader?
a) Micromanaging
b) Empathy
c) Inflexibility
d) Self-centeredness

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Answer: b) Empathy

5. Time Management

Q5: What is an effective time management strategy?
a) Prioritizing tasks
b) Multitasking all the time
c) Procrastination
d) Working without breaks

Answer: a) Prioritizing tasks

6. Adaptability

Q6: Adaptability in the workplace involves: a) Refusing to change
b) Sticking to one routine
c) Adjusting to new conditions
d) Avoiding new technologies

Answer: c) Adjusting to new conditions

7. Conflict Resolution

Q7: Which technique is useful for resolving conflicts?
a) Avoiding the problem
b) Confrontation
c) Open and honest communication
d) Ignoring the other person

Answer: c) Open and honest communication

8. Emotional Intelligence

Q8: Emotional intelligence includes: a) High IQ
b) Technical skills
c) Self-awareness and empathy
d) Physical strength

Answer: c) Self-awareness and empathy

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9. Networking

Q9: What is a key component of effective networking?
a) Asking for favors immediately
b) Building and maintaining relationships
c) Keeping communication one-sided
d) Limiting interactions to emails

Answer: b) Building and maintaining relationships

10. Critical Thinking

Q10: Critical thinking involves: a) Accepting information without question
b) Analyzing and evaluating information objectively
c) Following instructions blindly
d) Ignoring different perspectives

Answer: b) Analyzing and evaluating information objectively

Marking Scheme

Sr. No.	Assessment Component	Marks Allocation
1	Multiple-Choice Questions (MCQ)	20 marks
2	**Total**	**20 marks**

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Date: 09/02/2023

To,

Prof. Vinod B Shikhare,

HOD, Civil Engg.

ICEEM, Waluj,

Aurangabad.

Subject: Sanction for the Introduction of the Course **"Soft Skill Development"** for civil engineering Students for the Academic Year 2021-22

Dear Sir,

I am pleased to inform you that the College Development Committee has reviewed and approved your proposal to introduce the course **"Soft Skill Development"** for the civil engineering students in the Civil Department for the academic year 2021-22.

We commend your initiative in proposing this course, which aligns with the college's commitment to providing our students with up-to-date and relevant educational opportunities. We recognize the importance of **"Soft Skill Development** in current scenario.

Approved Course Details: **"Soft Skill Development**

Course Title: **"Soft Skill Development**

Department: Civil Engineering

Level: UG Civil

Academic Year: 2021-22

Campus Director

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Aurangabad

Date: 25/04/2021

To,
Campus Director,
ICEEM
Aurangabad.

Subject: Proposal for Introducing a Course in "AutoCAD" for SE MECH Students for the Academic Year 2021-22

Respected Sir,

I am writing to propose the Introducing a Course in "AutoCAD" for SE MECH Students for the Academic Year 2021-22

This course explores the basics of AutoCAD software. Students will learn to the use of AutoCAD software through various sessions during this course.

I believe that introducing this course will significantly benefit our students and enhance the academic standards of our Mechanical Department. I kindly request you to consider this proposal and approve the introduction of "AutoCAD" as a part of the curriculum for the upcoming academic semester.
Thank you for considering my request. I am looking forward to your positive response.

The course Objectives, Course outline and Marking Scheme with Assessment are attached herewith this application.

Yours sincerely,

Prof. S. B. Janjal
Head of Mechanical Department

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Course Objectives:

1. **Introduction to AutoCAD**: Familiarizing students with the interface, commands, and tools available in AutoCAD.
2. **Drawing and Editing**: Teaching students how to create and modify 2D and 3D drawings using various drawing and editing commands.
3. **Layer Management**: Understanding the concept of layers in AutoCAD and learning how to effectively organize drawings using layers.
4. **Dimensioning and Annotation**: Teaching students how to add dimensions and annotations to drawings to convey necessary information.
5. **Blocks and Attributes**: Introducing students to creating and using blocks and attributes to improve drawing efficiency and consistency.
6. **Basic 3D Modeling**: Providing an introduction to 3D modeling techniques in AutoCAD, including creating basic 3D shapes and objects.
7. **Rendering and Visualization**: Exploring rendering options and visualization techniques to create realistic representations of 3D models.
8. **Customization**: Allowing students to customize AutoCAD settings, tool palettes, and templates to suit specific workflow needs.
9. **Collaboration and Output**: Teaching methods for sharing AutoCAD drawings with others, including plotting, publishing, and exporting files in various formats.
10. **Problem Solving and Troubleshooting**: Developing skills in identifying and resolving common issues encountered while using AutoCAD.

Course Outline:

By the end of the course, students will be able to:

Effectively use AutoCAD as a professional tool for design, drafting, and collaboration in various industries requiring precision and accuracy in technical drawings and 3D modeling.

Benefits to Students:

Studying AutoCAD offers several benefits to students such as

1. **Improved Technical Skills**: Mastery of AutoCAD software enhances students' technical proficiency in computer-aided design (CAD), allowing them to create precise and detailed drawings efficiently.
2. **Career Readiness**: AutoCAD proficiency is a valuable asset in industries such as architecture, engineering, construction, manufacturing, and product design, making students more attractive to employers.

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3. **Increased Employability**: Knowledge of AutoCAD opens doors to a wide range of job opportunities, including roles as CAD drafters, designers, technicians, and engineers.
4. **Efficiency and Productivity**: AutoCAD's tools and features streamline the design process, enabling students to produce drawings faster and with greater accuracy compared to traditional methods.
5. **Enhanced Design Visualization**: Students can create 2D drawings and 3D models that visualize concepts and designs effectively, aiding in communication and presentation of ideas.
6. **Collaborative Skills**: AutoCAD facilitates collaboration among team members by allowing them to work on the same project simultaneously, share files, and manage revisions efficiently.
7. **Professional Development**: Learning AutoCAD enhances students' professional development by preparing them for industry standards and practices, including the ability to adhere to drawing standards and conventions.
8. **Problem-Solving Abilities**: AutoCAD teaches students how to analyze design problems and find solutions using CAD tools and techniques, fostering critical thinking and problem-solving skills.
9. **Certification Opportunities**: Many AutoCAD courses offer preparation for Autodesk certification exams, which can validate students' skills and enhance their credibility in the job market.
10. **Foundation for Advanced Learning**: Proficiency in AutoCAD provides a solid foundation for students interested in pursuing further education or training in specialized areas of CAD software or related fields.

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AutoCAD Assessment

Multiple-Choice Questions (MCQs) Test Paper (20 Marks)

1. What does CAD stand for?

A. Computer Aided Design

B. Computer Aided Drafting

C. Computer Aided Drawing

D. Computer Aided Dimensioning

Answer: A

2. Which of the following is NOT a typical AutoCAD workspace environment?

A. Drafting & Annotation

B. 3D Modeling

C. Animation

D. AutoCAD Classic

Answer: C

3. Which AutoCAD command is used to draw a circle?

A. Line

B. Rectangle

C. Circle

D. Arc

Answer: C

4. What is the purpose of the Trim command in AutoCAD?

A. To extend a line or object

B. To remove parts of objects that overlap

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C. To create multiple copies of an object

D. To rotate an object around a specified point

Answer: B

5. Which command is used to change the properties of selected objects in AutoCAD?

A. Properties

B. Modify

C. Change

D. Adjust

Answer: A

6. In AutoCAD, what are layers used for?

A. To group objects for easy selection

B. To apply different colors and linetypes to objects

C. To create 3D objects

D. To change the drawing scale

Answer: B

7. Which dimensioning command in AutoCAD is used to measure the angle between two lines?

A. Linear

B. Aligned

C. Angular

D. Radius

Answer: C

8. Which command is used to create a 3D solid box in AutoCAD?

A. Box

B. Cube

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C. Extrude

D. Solid

Answer: A

9. What does UCS stand for in AutoCAD?

A. Unified Coordinate System

B. User Coordinate System

C. Universal Coordinate System

D. Uniform Coordinate System

Answer: B

10. Which AutoCAD feature allows you to create and manage custom tools and tool palettes?

A. Tool Manager

B. Tool Organizer

C. Tool Palette

D. Tool Wizard

Answer: C

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Marking Scheme

Sr. No.	Assessment Component	Marks Allocation
1	Multiple-Choice Questions (MCQ)	20 marks
2	Total	20 marks

Kindly, consider it.

Thank you.

Head of Mechanical Department

CAMPUS DIRECTOR
International Centre of
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Aurangabad

Date: 28/4/2022

To,

Head of Mechanical Engg.

ICEEM

Aurangabad,

Subject: Sanction for the Introduction of the Course "Auto CAD" for SE Students for the Academic Year 2021-22

Dear Sir,

I am pleased to inform you that the College Development Committee has reviewed and approved your proposal to introduce the course " Auto CAD " for the SE Mech students in the Mechanical Engg Department for the academic year 2021-22

We commend your initiative in proposing this course, which aligns with the college's commitment to providing our students with up-to-date and relevant educational opportunities. Approved Course Details:

Course Title: Auto CAD

Department: Mechanical Engg.

Level: UG

Academic Year: 2021-22

Campus Director

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Aurangabad

Certificate Course Distrubtion Record Mech. Year:-2021-2022

Course Name:- AutoCAD

Sr No.	Name of Student	Signature
1	AKHADE GOVARDHAN SANJAY	
2	ASWALE SHIVAM BANDU	
3	AVHALE SAGAR GORAKH	
4	BAHALSKAR SAINATH WALMIK	
5	SUBHASH SHRAVAN BAKHALE	
6	BANDAL ANIKET DATTATRAY	
7	KAPIL GANGADHAR BEKNALE	
8	BHURBHURE BADRINATH SHESHARAO	
9	BIRAJDAR SHYAMRAO ASHOK	
10	BORULKAR SURESH KISHOR	
11	CHATSE MAMTA MADHAV	
12	CHAUDHARI HARSHAL KAILAS	
13	CHAUDHARI ROHIT VISHNU	
14	CHAVAN KALPESH SHIVDAS	
15	RUSHIKESH SUBHASH CHAVAN	
16	CHINTAMANI VASANT MAHADEV	
17	DABHADE SANDHYA	
18	DHERE AJAY RAJARAM	
19	SIDDHESHWAR BHIMRAO DHOLE	
20	DIXIT AADESH JEEETENDRA	
21	DOIPHODE ADINATH ASHRUJI	
22	DUBILE RAHUL BALU	
23	GAVHANE SACHIN SANJAY	
24	GAWANDE AKSHAY DATTU	
25	GHODKE KIRAN KRASHNAT	
26	GIRAM DNYANESHWAR VISHNU	
27	GIRI AKSHAY AMAR	
28	GOLHAR SACHIN KAILAS	
29	JADHAV RAMESHWAR SURESH	
30	JAWALE SHUBHAM PRAMOD	
31	KAKDE ABHISHEK PAPPU	
32	KALAM SANDEEP AMBADAS	
33	KIRAN VIJAY KALE	
34	KALE RENUKA GORAKH	
35	KALE SHUBHAM ANNASAHEB	
36	KALE VISHAL DNYANESHWAR	

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37	KALE AMAR SHIVRAJ	
38	KAMBLE RAVINDRA JALINDAR	
39	KAPURE MAYUR GOVIND	
40	KATE RUTUJA SANJAY	
41	KHAIRE VYANKATESH VITTHAL	
42	KHAN SAHIL ARSHAD	
43	KHEDKAR AKSHAY PRABHAKAR	
44	KHURESHI ZAHIR CHANDPASHA	
45	KOLHE ABHISHEK ANIL	
46	KUHILE RAHUL BABASAHEB	
47	KUTE SURAJ GAJANAN	
48	LINGAYAT SHUBHAM NEMINATH	
49	LOHAKANE SHUBHAM DNYANESHWAR	
50	MALI RUTUJA SANJEEV	
51	MEHETRE AKASH DIPAKRAO	
52	MESTRY HARSHAD SANJAY	
53	MIRIKAR PARAG SUNIL	
54	MUNJEWAR HANMANT LAXMAN	
55	MURKUTE PRAVIN SURYABHAN	
56	NAKHATE DNYANESHWAR DATTATRAY	
57	NARWADE RAMDHYANI KISAN	
58	NARWADE SHUBHAM SUBHASH	
59	RUSHIKESH SADASHIV NAVALE	
60	NIKALE MAHESH BALU	
61	ADARSH ASHOK NILAJKAR	
62	PANCHAL BALANAND ISHWARRAO	
63	PATHADE ASHOK GORAKH	
64	PATIL PRANAY UMESH	
65	PAWAR KISHOR BHAGWAN	
67	Phate Rameshwar	
68	PHOLANE ANIKET SANJAY	
69	JIGNESH ARVIND PRAJAPATI	
70	RAHATWAD GANESH VALMIK	

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INTERNATIONAL CENTRE OF EXCELLENCE IN ENGINEERING AND MANAGEMENT (ICEEM)

To,
Campus Director
ICEEM
Aurangabad.

Date: 25/04/2022

Subject: Proposal for Introducing a Course in "Pro-E" for TE MECH Students for the Academic Year 2021-22

Respected Sir,

I am writing to propose the Introducing a Course in "Pro-E" for TE MECH Students for the Academic Year 2021-22

This course explores the basics of Pro-E software. Students will learn to the use of Pro-E software through various sessions during this course.

I believe that introducing this course will significantly benefit our students and enhance the academic standards of our Mechanical Department. I kindly request you to consider this proposal and approve the introduction of "Pro-E" as a part of the curriculum for the upcoming academic semester.
Thank you for considering my request. I am looking forward to your positive response.

The course Objectives, Course outline and Marking Scheme with Assessment are attached herewith this application.

Yours sincerely,

Head of Mechanical Department

CAMPUS DIRECTOR
International Centre of
Excellence In Engg. & MGMT.
Aurangabad

Add.: Gu...
Telephone ... Telefax 0240 - 2558...
Website ... Email: director@iceemabad.com

Course Objectives:

1. **Introduction to Pro-E**: Familiarizing students with the interface, commands, and tools available in Pro-E.
2. **Drawing and Editing**: Teaching students how to create and modify 2D and 3D drawings using various drawing and editing commands.
3. **Layer Management**: Understanding the concept of layers in Pro-E and learning how to effectively organize drawings using layers.
4. **Dimensioning and Annotation**: Teaching students how to add dimensions and annotations to drawings to convey necessary information.
5. **Blocks and Attributes**: Introducing students to creating and using blocks and attributes to improve drawing efficiency and consistency.
6. **Basic 3D Modeling**: Providing an introduction to 3D modeling techniques in Pro-E, including creating basic 3D shapes and objects.
7. **Rendering and Visualization**: Exploring rendering options and visualization techniques to create realistic representations of 3D models.
8. **Customization**: Allowing students to customize Pro-E settings, tool palettes, and templates to suit specific workflow needs.
9. **Collaboration and Output**: Teaching methods for sharing Pro-E drawings with others, including plotting, publishing, and exporting files in various formats.
10. **Problem Solving and Troubleshooting**: Developing skills in identifying and resolving common issues encountered while using Pro-E.

Course Outline:

By the end of the course, students will be able to:

Effectively use Pro-E as a professional tool for design, drafting, and collaboration in various industries requiring precision and accuracy in technical drawings and 3D modeling.

Benefits to Students:

Studying Pro-E offers several benefits to students such as

1. **Improved Technical Skills**: Mastery of Pro-E software enhances students' technical proficiency in computer-aided design (CAD), allowing them to create precise and detailed drawings efficiently.
2. **Career Readiness**: Pro-E proficiency is a valuable asset in industries such as architecture, engineering, construction, manufacturing, and product design, making students more attractive to employers.

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3. **Increased Employability**: Knowledge of Pro-E opens doors to a wide range of job opportunities, including roles as CAD drafters, designers, technicians, and engineers.
4. **Efficiency and Productivity**: Pro-E's tools and features streamline the design process, enabling students to produce drawings faster and with greater accuracy compared to traditional methods.
5. **Enhanced Design Visualization**: Students can create 2D drawings and 3D models that visualize concepts and designs effectively, aiding in communication and presentation of ideas.
6. **Collaborative Skills**: Pro-E facilitates collaboration among team members by allowing them to work on the same project simultaneously, share files, and manage revisions efficiently.
7. **Professional Development**: Learning Pro-E enhances students' professional development by preparing them for industry standards and practices, including the ability to adhere to drawing standards and conventions.
8. **Problem-Solving Abilities**: Pro-E teaches students how to analyze design problems and find solutions using CAD tools and techniques, fostering critical thinking and problem-solving skills.
9. **Certification Opportunities**: Many Pro-E courses offer preparation for Autodesk certification exams, which can validate students' skills and enhance their credibility in the job market.
10. **Foundation for Advanced Learning**: Proficiency in Pro-E provides a solid foundation for students interested in pursuing further education or training in specialized areas of CAD software or related fields.

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Pro-E Assessment

Multiple-Choice Questions (MCQs) Test Paper (20 Marks)

1 **What is the primary purpose of Pro/Engineer (Creo Parametric)?**

A) Web development
B) Mechanical design
C) Graphic design
D) Database management
Answer: B) Mechanical design

2 **Which feature in Pro/Engineer allows you to create 3D models from 2D sketches?**

A) Extrude
B) Render
C) Draft
D) Sweep
Answer: A) Extrude

3 **What is a 'datum' in Pro/Engineer?**

A) A reference point or axis
B) A type of 3D model
C) A rendering technique
D) A CAD file format
Answer: A) A reference point or axis

4 **Which module in Pro/Engineer is used for creating assemblies of multiple parts?**

A) Sketcher
B) Part
C) Assembly
D) Sheet metal
Answer: C) Assembly

5 **What is the purpose of 'regeneration' in Pro/Engineer?**

A) To restart the software
B) To update the geometry based on feature changes
C) To save files in different formats
D) To create animations
Answer: B) To update the geometry based on feature changes

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6 **Which tool in Pro/Engineer allows for the creation of complex curved surfaces?**

A) Extrude
B) Sweep
C) Blend
D) Chamfer
Answer: C) Blend

7 **What does the 'feature tree' in Pro/Engineer represent?**

A) A list of software bugs
B) A hierarchical list of model features
C) A collection of textures
D) A database of part numbers
Answer: B) A hierarchical list of model features

8 **Which file format is typically used to save Pro/Engineer models?**

A) .exe
B) .jpg
C) .prt
D) .doc
Answer: C) .prt

9 **What is the primary function of 'assemblies' in Pro/Engineer?**

A) To organize files on disk
B) To create complex parts
C) To combine multiple parts into a single design
D) To analyze stress in materials
Answer: C) To combine multiple parts into a single design

10 **Which of these is NOT a primary feature of Pro/Engineer?**

A) Sheet metal design
B) Finite element analysis
C) Web development
D) Mold design
Answer: C) Web development

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Marking Scheme

Sr. No.	Assessment Component	Marks Allocation
1	Multiple-Choice Questions (MCQ)	20 marks
2	Total	20 marks

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Aurangabad

Date: 28/04/2022

To,

Head of Mechanical Engg.

ICEEM

Aurangabad,

Subject: Sanction for the Introduction of the Course "Pro-E" for TE Students for the Academic Year 2021-22

Dear Sir,

I am pleased to inform you that the College Development Committee has reviewed and approved your proposal to introduce the course " Pro-E " for the TE Mech students in the Mechanical Engg Department for the academic year 2021-22

We commend your initiative in proposing this course, which aligns with the college's commitment to providing our students with up-to-date and relevant educational opportunities. Approved Course Details:

Course Title: Pro-E

Department: Mechanical Engg.

Level: UG

Academic Year: 2021-22

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Aurangabad

Campus Director

Certificate Course Distrubtion Record Mech. Year:-2021-2022

Course Name:- Pro-E

Sr No.	Name of Student	Signature
1	AHIRE POOJA SITARAM	
2	Ajab Amol Tukaram	
3	ALSATWAR RAHUL NARAYAN	
4	AMBHORE AMOL PARMESHWAR	
5	Arbad Akshay G	
6	Bamnote Harshal Ravindra	
7	BANSODE AKASH BHANUDAS	
8	BHAJIBHAKRE PRATIK MAHENDRA	
9	BHARTI SUNIL BABAN	
10	BHUSARE VISHAL KRUSHNA	
11	Dambale Kiran Madhukar	
12	DAPKE SUMIT MACHINDRANATH	
13	Desale Vaibhav Satyendra	
14	DIVATE ATHARAW SANDEEP	
15	Diwate Suyog Kailas	
16	DUDE ABHISHEK GAJANAN	
17	GAGARE MANGESH TABAJI	
18	GANGWE DINESH SHIVRAM	
19	GARDE NIKHIL RAJESH	
20	GOMTE ADITYA VIJAYKUMAR	
21	Hampole Somesh Pandurang	
22	JADHAV RAMESHWAR PURANDAR	
23	Jawale Sachin Ashok	
24	Jivrakh Nikhil Vinayak	
25	KAKLIJ SOPAN MEGHRAJ	
26	KALE NAKUL EKNATHRAO	
27	KAMBLE RAHUL RAMESH	
28	KASBE SWAPNIL BHAGWAN	
29	KHANDAGLE MAHESH NILESH	
30	KHILLARE NIKHIL BHUJANGRAO	
31	Koli Ganesh Somnath	
32	LAHANE SIDDHANT JAGANNATH	
33	Lande Akshay Rohidas	
34	LOHAKARE KRUSHNA DATTATRAY	
35	MAKHARE AMOL DAMODHAR	
36	MALI REWATI MANOHAR	

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37	Matsagar Rahul Balu	
38	Mehra Kanhaiya Jogendra	
39	Meshram Shubham Dnyaneshwar	
40	MESHRAM SUMIT BUDDHAGHOSH	
41	Mirge Tushar Dattatrey	
42	Mohd Matiuddin Mohd Masihuddin	
43	MORALWAR ANIKET DNYANESHWAR	
44	MORALWAR ABHISHEK DNYANESHWAR	
45	Mule Sanket Rajabhau	
46	Naik Mangesh Dadarao	
47	Kaushal Narkhede	
48	Nikam Aditya Dnyanwshwar	
49	Nikam Rupali Rajendra	
50	Ajay dhansing nimrot	
51	Pakhare Ashish Sainath	
52	PATIL ABHISHEK MAHENDRA	
53	Patil Suraj Dhanajirao	
54	Patil Yogesh Ishwar	
55	Pawar Dipak Shivram	
56	PAWAR PRAGATI SANJAY	
57	Pawar Suraj Balasaheb	
58	Pote Yogesh Prakash	
59	Rahatwad Ajay V	
60	RATHOD YOGESH SAMPAT	
61	RAUT PRAVIN SAHEBRAO	
62	Salunke Shahadev Savta	
63	Sasemahal Nilkanth Dadarao	
64	Satdive Akash Bhausaheb	
65	Sayyad Abuzar Sayed Zakir	
67	SHAIKH SAJID AYAJ	
68	SHELKE KRISHNA EKNATH	
69	SHINDE ASHISH ANIL	
70	Deshpande Malhar Purshottamrao	
71	INGLE KOMAL BALAJI	
72	Jadhav Komal Sunil	
73	KADAM SIDDHANT MADAN	
74	Kalambarkar Vaibhav Pandharinath	
75	Lonkar Mayur Gorakh	

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NAAC Accredited

Date: 25/04/2022

To,
Campus Director,
ICEEM
Aurangabad.

Subject: Proposal for Introducing a Course in "3-D modelling" for BE MECH Students for the Academic Year 2021-22

Respected Sir,

I am writing to propose the Introducing a Course in "3-D modelling" for BE MECH Students for the Academic Year 2021-22

This course explores the basics of 3-D modelling software. Students will learn to the use of 3-D modelling software through various sessions during this course.

I believe that introducing this course will significantly benefit our students and enhance the academic standards of our Mechanical Department. I kindly request you to consider this proposal and approve the introduction of "3-D modelling" as a part of the curriculum for the upcoming academic semester.
Thank you for considering my request. I am looking forward to your positive response.

The course Objectives, Course outline and Marking Scheme with Assessment are attached herewith this application.

Yours sincerely,

Prof. S. B. Janjal
Head of Mechanical Department

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Aurangabad

Add.: Gut No. [illegible] Aurangabad - Pune National Highway, Aurangabad - [illegible] M.S. India
Telephone [illegible] Telefax 0240 - 2558[illegible]
Website [illegible] E-mail [illegible]

Course Objectives:

1. **Introduction to 3-D modelling**: Familiarizing students with the interface, commands, and tools available in 3-D modelling.
2. **Drawing and Editing**: Teaching students how to create and modify 2D and 3D drawings using various drawing and editing commands.
3. **Layer Management**: Understanding the concept of layers in 3-D modelling and learning how to effectively organize drawings using layers.
4. **Dimensioning and Annotation**: Teaching students how to add dimensions and annotations to drawings to convey necessary information.
5. **Blocks and Attributes**: Introducing students to creating and using blocks and attributes to improve drawing efficiency and consistency.
6. **Basic 3D Modeling**: Providing an introduction to 3D modeling techniques in 3-D modelling, including creating basic 3D shapes and objects.
7. **Rendering and Visualization**: Exploring rendering options and visualization techniques to create realistic representations of 3D models.
8. **Customization**: Allowing students to customize 3-D modelling settings, tool palettes, and templates to suit specific workflow needs.
9. **Collaboration and Output**: Teaching methods for sharing 3-D modelling drawings with others, including plotting, publishing, and exporting files in various formats.
10. **Problem Solving and Troubleshooting**: Developing skills in identifying and resolving common issues encountered while using 3-D modelling.

Course Outline:

By the end of the course, students will be able to:

Effectively use 3-D modelling as a professional tool for design, drafting, and collaboration in various industries requiring precision and accuracy in technical drawings and 3D modeling.

Benefits to Students:

Studying 3-D modelling offers several benefits to students such as

1. **Improved Technical Skills**: Mastery of 3-D modelling software enhances students' technical proficiency in computer-aided design (CAD), allowing them to create precise and detailed drawings efficiently.
2. **Career Readiness**: 3-D modelling proficiency is a valuable asset in industries such as architecture, engineering, construction, manufacturing, and product design, making

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students more attractive to employers.

3. **Increased Employability**: Knowledge of 3-D modelling opens doors to a wide range of job opportunities, including roles as CAD drafters, designers, technicians, and engineers.
4. **Efficiency and Productivity**: 3-D modelling's tools and features streamline the design process, enabling students to produce drawings faster and with greater accuracy compared to traditional methods.
5. **Enhanced Design Visualization**: Students can create 2D drawings and 3D models that visualize concepts and designs effectively, aiding in communication and presentation of ideas.
6. **Collaborative Skills**: 3-D modelling facilitates collaboration among team members by allowing them to work on the same project simultaneously, share files, and manage revisions efficiently.
7. **Professional Development**: Learning 3-D modelling enhances students' professional development by preparing them for industry standards and practices, including the ability to adhere to drawing standards and conventions.
8. **Problem-Solving Abilities**: 3-D modelling teaches students how to analyze design problems and find solutions using CAD tools and techniques, fostering critical thinking and problem-solving skills.
9. **Certification Opportunities**: Many 3-D modelling courses offer preparation for Autodesk certification exams, which can validate students' skills and enhance their credibility in the job market.
10. **Foundation for Advanced Learning**: Proficiency in 3-D modelling provides a solid foundation for students interested in pursuing further education or training in specialized areas of CAD software or related fields.

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3D modelling Assessment

Multiple-Choice Questions (MCQs) Test Paper (20 Marks)

Question 1:
Which software is commonly used for 3D modeling in the entertainment industry? A) AutoCAD
B) SolidWorks
C) Blender
D) SketchUp
Answer: C) Blender

Question 2:
What is a polygon in 3D modeling? A) A 3D shape with curved surfaces
B) A flat shape with straight sides
C) A vertex in a 3D model
D) A type of texture mapping
Answer: B) A flat shape with straight sides

Question 3:

Which file format is typically used to export 3D models for printing? A) .STL
B) .JPEG
C) .MP4
D) .PDF
Answer: A) .STL

Question 4:

In 3D modeling, what is the process of creating a smooth transition between two surfaces called? A) Extrusion
B) Boolean operation
C) Filleting
D) Chamfering
Answer: C) Filleting

Question 5:

Which term refers to the point where two edges of a 3D model meet? A) Edge
B) Face
C) Vertex
D) Polygon
Answer: C) Vertex

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Question 6:

What is the purpose of UV mapping in 3D modeling? A) To create animations
B) To apply textures to a 3D model
C) To build a skeleton for a model
D) To simulate lighting effects
Answer: B) To apply textures to a 3D model

Question 7:

Which of the following is a commonly used 3D modeling technique? A) Rasterization
B) Vectorization
C) Sculpting
D) Filtering
Answer: C) Sculpting

Question 8:

In 3D modeling, what is a "mesh"? A) A single line in a model
B) A collection of vertices, edges, and faces that define the shape of a 3D object
C) A type of material used in rendering
D) A lighting effect
Answer: B) A collection of vertices, edges, and faces that define the shape of a 3D object

Question 9:

What is the function of a "modifier" in 3D modeling software like Blender? A) To change the color of the model
B) To alter the geometry of a model in a non-destructive way
C) To export the model
D) To apply lighting effects
Answer: B) To alter the geometry of a model in a non-destructive way

Question 10:

Which software is known for its parametric modeling capabilities, often used in engineering and architecture? A) Blender
B) AutoCAD
C) SolidWorks
D) ZBrush
Answer: C) SolidWorks

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Marking Scheme

Sr. No.	Assessment Component	Marks Allocation
1	Multiple-Choice Questions (MCQ)	20 marks
2	Total	20 marks

Date: 28/04/2022

To,

Head of Mechanical Engg.

ICEEM

Aurangabad,

Subject: Sanction for the Introduction of the Course "3-D Modelling" for BE Students for the Academic Year 2021-22

Dear Sir,

I am pleased to inform you that the College Development Committee has reviewed and approved your proposal to introduce the course " 3-D Modelling " for the BE Mech students in the Mechanical Engg Department for the academic year 2021-22

We commend your initiative in proposing this course, which aligns with the college's commitment to providing our students with up-to-date and relevant educational opportunities. Approved Course Details:

Course Title: 3-D Modelling

Department: Mechanical Engg.

Level: UG

Academic Year: 2021-22

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Campus Director

Certificate Course Distrubtion Record Mech. Year:-2021-2022

Course Name:- 3-D Modelling

Sr No.	Name of Student	Signature
1	Awalekar Karnesh	
2	Bajode Mayur	
3	BARIDE KISHOR SANJAY	
4	Thorat Raviraj M	
5	Devkar Vivek A	
6	Bhalerao Abhilesh	
7	Bharad Prakash Harichandra	
8	Bhutekar Kunal Hari	
9	Birajdar Mahesh	
10	Bodade Shailesh Jitendra	
11	Bodkhe Kishor Dynashewar	
12	Chakurkar Pradumn Shriram	
13	Charhate Akash Dashrath	
14	Chaudhari Jay Mahendra	
15	Chavan Vishal Gulabrao	
16	Chire Vishwajeet Indrajeet	
17	Dahale Ganesh Shivajirao	
18	Debare Vipul Gajanan	
19	Deokar Shubham	
20	Deshmane Kiran Somnath	
21	Deshmukh Aniket	
22	Deshmukh Gaurav Eknath	
23	Deshmukh Rushikesh Subhashrao	
24	Deshmukh Saurabh	
25	Deshpande Rutuja	
26	Dhanedhar Shubhash Laxman	
27	Dhuliyawala Taha Hussain	
28	Doud Akshay Sheshrao	
29	Dubule Rushikesh Magan	
30	Dugane Saraswati	
31	Dukare Rajesh Eknath	
32	Dukare Sudhanshu	
33	Durge Shrushti Kishor	
34	Fepale Uday Sunil	
35	Fulzade Atish Bhagawat	
36	Gaikwad Jagdish Sanjay	

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37	Gajakosh Ganesh
38	Ganraj Lokesh Kishor
39	Garad Rahul Laxman
40	Ghodke Sapna Rajesh
41	Ghule Mangesh Sanjay
42	Hambarde Ratnakar
43	Hirole Shashikant Narayan
44	Hivale Pravin Sudhakar
45	Hiwale Suraj Shriram
46	Ingle Shubham Sheshrao
47	Jadhav Ajay Vijay
48	Jadhav Bankat Shivaji
49	Jadhav Pradip Shivraj
50	Jadhav Priya Damodar
51	Jadhav Sagar
52	Jadhav Swapnil
53	Jagtap Vrushali
54	Jaiwal Saurabh
55	Jamdhade Supriya
56	Janjal Rohit Bhagwan
57	Kadam Vaibhav
58	Kade Dnyaneshwar
59	Kale Pallavi Rameshwar
60	Kamble Ganesh
61	Kamble Kiran Bhikaji
62	Kamble Prashik narayan
63	Kanade Nikhil Kulbhushan
64	Khade Saurabh Raju
65	KHAN MUSHARRF MOHD KHAN GULAM MOHD
67	Khandagale Anand Dilip
68	Khedkar Gaurav Ramesh
69	Kolnure Sanjay Hanmantrao
70	Kulkarni Siddhesh
71	Lachuriye Kanchan Mangesh
72	Lambole Yashwant Prakash
73	Lende Vikas Bhujangrao
74	Lokhande Rohit
75	Lokhande Shubham Ganesh
76	Madakwar Hemraj Shriram
77	Magar Rushali Vaijinath
78	Mane Akash Manohar
79	Nagre Anish Anil
80	Nandagavli Dhammpal Suhir

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81	Nannaware Hrishikesh Dattatray	
82	Narode Yogesh Janardan	
83	Navthar Sachin Rohidas	
84	Padalikar Kashinath Shripad	
85	Padalwar Rishikesh Nagnathrao	
86	Pagar Pooja	
87	Panchal Ganesh	
88	Patil Gaurav Bhagawat	
89	Pawar Shivani Sudhir	
90	Pendhare Akash Suresh	
91	Pinjari Imran Gulab	
92	Pujari Anuja	
93	Pundge Akash Bapurao	
94	Rajankar Pratik Ganesh	
95	Rajebhosle Mangesh Subhashrao	
96	Rajput Shudip Yadvendrasingh	
97	Rathod Ajay Gajanan	
98	Rathod Vishnu Machindra	
99	Raut Abhijit Shriram	
100	Bansode Prashant	
101	Raut Prajwal	
102	Salve Komal	
103	Sangole Ram Pramod	
104	Sarje Jayanand Hanmant	
105	Saurabh Dhok pundalik	
106	SHAIKH ALFARHAN MUKHTAR AHMED	
107	Shaikh Naeem Abdulraheman	
108	Shaikh Sailani Magdum	
109	Sharma Dhirajkumar	
110	Shelke Vivek Ashok	
111	Khune Swapnil M.	
112	Shirale Shubham Sanjay	
113	Shunkrawar Gangaprasad Shivaji	
114	Sultane Yogesh Chandrabhan	
115	Suryawanshi Aniket Balu	
116	Tandale Ravindra Rangnath	
117	WAGH ISHWAR SATYAVIJAY	
118	Wagh Kamini Rameshrao	
119	Waghchaure Sandip Uttamrao	
120	Waratkar Shubham	
121	Yadav Pravin	
122	Zinjurke Kirankumar Sitaram	
123	Shinde Akshay	

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124	Swami Sungmeshwar Omkar	Swami
125	Pawar Ramdas Navnath	Ramdas
126	Mandavkar amol	Amol
127	ADHAV ROHAN SUNIL	Adhav
128	AMBHORE VISHNU DHARMARAJ	Vishnu
129	AMBHORE VITTHAL SATYANARAYAN	Vitthal
130	ASWALE UTTAM NIVRUTTI	Uttam

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