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Prof. (Dr.) N. Sharma
Director
MAIT
PSP Area, Sector-22
Rohini, Delhi-110086

ECANVAS PRIVATE LIMITED

Read Office: FLAT NO 14072, PLOT NO- GH-03,
SECTOR-16C, 16TH AVENUE, GAUR CITY-2,
GREATER NOIDA (WEST), Gautam Buddha Nagar,
Uttar Pradesh, India, 201009

**PERFORMA INVOICE**

ECANVAS PRIVATE LIMITED Corporate Office: 247/32, Block-D, Sector-63, Noida-201301, Uttar Pradesh, India.		Invoice No.: ECAN/2024/A22		
		Dated: 05/09/2024		
GSTIN: 09AAFCE5412J1ZM CIN: U72900UP2019PTC118478 PAN: AAFCE5412J E-Mail : account@edumarshal.com		Client's Name : Maharaja Agrasen Institute of Technology Address: PSP Area, Plot No-1 GSTIN:N/A		
Sl. No.	Particulars (Description of Services)	HSN/SAC	GST Rate	Amount
1.	Edumarshal Billing No. of student - 3854 Rate - 10 Billing Period - (01/07/2024) to (30/09/2024) Remark -	998313		115620.00
		GST	18%	20812
Total				136432.00
E. & O.E				
Amount Chargeable (in words) INR (One Lakh Thirty Six Thousand Four Hundred Thirty Two)		Company's Bank Details		
We declare that this invoice shows the actual price of the goods or services described and that all particulars are true and correct.		Account Name: Ecanvas Pvt. Ltd. Bank Name: Axis Bank Account No.: 919020060460908 Branch & IFSC: UTIB0001082		

This is a computer generated performa invoice.

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Courses on Learning Management System (Moodle)

S.No.	Subject Name	Moodle Link
1	All Subjects	https://cms.cse.mait.ac.in/cms22/
2	All Subjects	https://aiml.mait.ac.in/cms/
3	All Subjects	https://cst.mait.ac.in/cms/
4	All Subjects	https://ece.mait.ac.in/cms/
5	All Subjects	https://mae.mait.ac.in/cms/



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Innovations by Faculty in Teaching and Learning

Category	Innovative approach	Description	Impact on Students
Instructional Delivery	Flipped Classroom Approach	Pre-recorded video lectures (like NPTEL, YouTube etc) and study materials are shared among the students before class, enabling discussion on the shared topic during the class / Lab.	Improves engagement, enhances self-paced learning, and fosters critical thinking.
	Project-Based Learning	Assigning mini / real-world projects in labs that require students to apply concepts practically.	Encourages problem-solving, teamwork, and practical knowledge application.
	Gamified learning and quizzes	Use of online quiz tools like Quizizz, Moodle – Quiz, crossword puzzle maker- crosswordlabs.com, Kahoot etc.	Makes learning engaging, improves participation and retention.
	Collaborative Learning via Peer Teaching	Students engage in peer-to-peer teaching and group discussions for deeper understanding.	Enhances communication skills, teamwork, and deeper conceptual understanding.
	Case-Based Learning	Using real-world scenarios where students solve problems.	Encourages analytical thinking, decision-making, and engagement.

Assessment & Evaluation	Outcome-Based Education (OBE) Framework	Teaching aligned with Course Outcomes (COs), Program Outcomes (POs), Program Specific Outcomes (PSOs) and evaluation of CO attainment through internal assessment using rubrics.	Ensures skill-based learning, helps students track progress towards learning outcomes.
	Assessment & Feedback	Digital platforms such as Moodle, Google forms, etc., for collecting feedback and continuous assessment.	Ensures fairness in evaluation, provides instant feedback for improvement.
	Coding Test (CT) Tool	HackerRank	Evaluate students' programming, problem-solving, and technical skills through online coding assessments
ICT-based Modern tools for E-learning	MOOCs and Online Certification	NPTEL, Coursera, Udemy etc., for self-paced learning and industry-recognized certification.	Expands exposure beyond curriculum, encourages self-learning and upskilling.
	Visualization Tools	Like Visu Algo, FSM Simulation etc.	Provides personalized learning paths, improves student understanding.
	Digital Content Creation	Use of Canva, Microsoft PowerPoint, Prezi etc. to create Lectures.	Enhances creativity, communication, and learning.
	Query Optimization tools	PostgreSQL's "EXPLAIN (ANALYZE, GRAPHICAL)	Enhances learning, efficiency, problem-solving.
	AI-powered tools	Explo AI SQL Explainer/Optimizer	Enhances learning, creativity, efficiency, engagement.
	Virtual Classrooms & Video Conferencing	Zoom, Microsoft Teams, Google Meet	Enhance accessibility, flexibility, self-paced learning, and digital literacy, fostering global collaboration and interactive education.
	Learning Management Systems (LMS)	Moodle, Google Classroom, Smartboards, Whiteboards, Projectors	Enhances accessibility, engagement, flexibility, and progress tracking for students.

	Interactive computing environment	Jupyter Notebook, Google Colab etc.	Enhances engagement, foster problem-solving, and personalizes learning for students.
	Skill building Platforms	LeetCode	Self-driven, hands-on coding practice, Portfolio Builder
Experiential Learning	Industry-Driven Case Studies	Organizing hackathons, Coding Challenges to include Real-world case studies from industry.	Helps students bridge the gap between theoretical concepts and industry applications. It also encourages innovation, problem-solving, and industry-relevant skills.
Research & Innovation	Research-Integrated Learning	Encouraging students to write research papers, work on research projects, publish patents, do internships in R&D.	Develops research aptitude, analytical thinking, and prepares students for higher studies.
	Entrepreneurial & Startup Support	Providing incubation support, mentorship and resources for students to launch startups.	Fosters entrepreneurship and real-world problem-solving.

Some examples of the above Innovations implemented in teaching and learning by the faculties are listed below:

S.No.	Subject Name	Faculty Name	Pedagogical Tool
1	Operating Systems	Ms. Mini Agarwal, Ms. Kavita Saxena, Ms. Savita Sharma	Quizizz.com
2	Data Structures (Theory & Lab)	Ms. Deepti Gupta, Dr. Ankita Gupta, Ms. Shallu Juneja	Moodle, MS Teams, PPT, Visu Algo
3	Object Oriented Programming using C++	Ms. Karuna Middha, Mr. Akshay Mool and Ms. Chesta Aggarwal	Crossword Puzzles
4	DWDM	Ms. Garima Gupta, Dr. Ankita Gupta, Ms. Sakshi Jha	Visualization Tool https://playground.tensorflow.org/
5	Discrete Mathematics	Mr. Moolchand Sharma, Ms. Mini Agarwal	Enhancing Learning Through Gamified Quizzes Using Google Quiz
6	Compiler Design	Ms. Zameer Fatima, Ms. Garima Gupta, Dr. Deepak Gupta	Lecture delivery through Whiteboard, Smartboard and PowerPoint Presentations, Grouping Activity

7	Theory of Computation	Ms. Garima Gupta, Dr. Deepak Gupta, Dr. Ankita Gupta, Dr. Nisha Agarwal	Lecture delivery through Whiteboard, Smartboard and PowerPoint Presentations, Think-Pair-Share and FSM Simulator
8	DBMS	Prof Namita Gupta, Mr Yogesh Sharma, Ms Karuna, Ms Neetu	PostgreSQL's "EXPLAIN (ANALYZE, GRAPHICAL), Explo AI SQL Explainer/Optimizer, Crossword puzzle, Leetcode, HackerRank
9	Python	Dr. R.K. Choudhary, Ms. Shallu Juneja	Flipped Classroom, Peer Teaching, Quizzes and in class Polls and SPYDER Tool
10	Data Science	Dr. Ruchi Goel	Crosswords Puzzles
11	All Subjects	All Faculties	Moodle, MS Teams, Zoom, Canva, Whiteboard, PPTs, Smart Board