KPR Institute of Engineering and Technology

Learn Beyond

(Autonomous, NAAC "A")

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AM002

NBA Accredited
(CSE, ECE, EEE, MECH, CIVIL)

GUEST LECTURE ON TRANSACTION PROCESSING AND CONCURRENCY CONTROL

Event No	AM002
Organizing Department	Artificial Intelligenceand Machine Learning
Date	30/10/2023
Time	09:15 AM to 10:45 AM
Event Type	Guest Lecture
Event Level	Dept. Level
Meeting Medium	
Meeting Link	https://us06web.zoom.us/j/87093212789?pwd=UNqhei9PCL9rUQixMCBvByRztEUzPO.1
Total Participants	83
Faculty - Internal	5
Students - Internal	78

Related SDG

Resource Persons

SI	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Ms Pooja Kumar	Product Tech Analyst	IQVIA,Bangalore	poojaakumar28@gmail.com	xxxxxxxxxx

Involved Staffs

SI	Name	Role
1	Nandhagopal S	Coordinator
2	Karthikeyan S	Convenor

Outcome

The outcome should ideally equip students with a comprehensive understanding of transaction processing, concurrency control, and their applications, allowing them to apply this knowledge to real-world scenarios and systems. **Understanding Transaction Processing & Concurrency Control TechniquesImplementation Understanding for real time.**
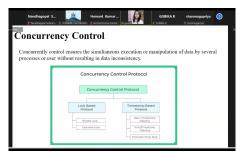
Event Summary

The session commenced with an introduction by the guest lecturer, Ms.Poojaa Kumar, a seasoned professional in database management. Ms.Poojaa Kumar adeptly laid the foundation by illustrating the importance of transaction processing in maintaining data consistency. Attendees were engaged through interactive examples, ensuring a clear understanding of the fundamentals.The lecture smoothly transitioned to the discussion on concurrency control techniques. Ms.Poojaa Kumar elaborated on various strategies, highlighting their strengths and weaknesses. The session encouraged active participation through case studies, igniting insightful discussions on practical implementations.**Key Takeaways:Comprehensive Understanding:** Attendees gained a holistic understanding of transaction processing and concurrency control techniques.**Application Insights:** Practical insights were provided for attendees to implement these concepts in their respective professional domains.**Encouraging Further Study:** Attendees were encouraged to explore the topic further through recommended reading materials and online resources.The guest lecture on Transaction Processing and Concurrency Control was a resounding success. Attendees left the event equipped with a deeper understanding of these critical database management concepts. The lecture not only broadened their knowledge but also inspired them to implement these learnings in their professional endeavors.

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