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**Course Code: CSE707** 

Task 6

Distributed consensus in esstial in systems

Where independent nodes must agree on a

CSE 707

Shared state on decision, even in the presence 28.09.2024

Of faults. Its important in decentralized systems

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Various algorithms like Paros and Raft help achieve

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His by allowing systems to reach agreement despite

this by allowing systems ensures that all node operate

foilures. Achieving consensus ensures that all node operate

with a consistent view of the system, even in the

presence of faults.