



School of Information Technology and Engineering

MCA

FALL 2023-2024

PMCA 506L : CLOUD COMPUTING

Digital Assignment – I

Elaborate the recent trend, research works, algorithm, technologies, platform and other development with the help of literature survey. (Min of 10 Research articles, research article must be from reputed journal with TR- Impact Factor)

Code /Reg.Number Ending with	TOPIC
1	Load Balancing /Scheduling algorithms for cloud computing
2	Applications using Edge Computing
3	IoT applications using Cloud Computing
4	Virtual Machine Provisioning and Migration techniques
5	Micro services, Kubernetes, Cloud Serverless Computing, Cloud Functional services
6	Data Protection and Encryption, End- to – End security, Security algorithms for Cloud Computing, vulnerabilities, threats, intruders and attacks.
7	Inter Cloud Resource Management, Global Sharing of Resources, Multi Cloud applications.
8	Machine Learning/Deep Learning applications using Cloud Computing
9	Cloud Computing in Industry 4.0/Smart City/Cyber Physical Systems
0	Big Data Analytics using Cloud

Note:

Choose your topic according to the last digit of your registration number (e.g) if your reg.number is 23MCA0034, then choose the code = 4 .

If there is more than one student with the same code, use MS-TEAMS to connect to other for discussion to arrive at unique literature survey. (**Research article must be from reputed journal with TR- Impact Factor**)

The document should contain two section literature survey and references. References should be in chronological order and should be in Vancouver format. Literature survey shall be on your own words and not copy- paste and need to be cited.

Documentation without Plagiarism is most important, Turnitin software will be used to evaluate. (Making false sentences, paraphrasing, changing characters in the document, inserting images as paragraph for the purpose of reducing plagiarism will lead to marking ZERO).
