Government of Pakistan

FINANCE DIVISION
(Quality Assurance – I Section)
(HRM Wing)
****

C I R C U L A R

Subject:-   **NEW TECHNOLOGY COURSE OFFERED BY SS CASE IT (ON WEEKENDS)**

Sir Syed CASE Institute of Technology (SS-CASE-IT), is a Federally Chartered Degree Awarding Institution. It is offering a graduate level full semester course in spring 2025 semester. Classes to start from Sunday, 16th February, 2025. The course is for technical managers, decision makers and graduate students. Classes will be held both on campus and on-line. Passed course is transferable to graduate degree program of SS CASE IT. Brief information of the course is as under:

Course Name: **Building Large Language Model Applications**
Duration: 14 Weeks (one semester)

Course Objectives:

- To jump-start a career in Generative AI and LLM applications by mastering LLM architectures, fine-tuning techniques, and real-world deployment strategies.
- To inspire innovative AI-driven solutions and entrepreneurial ideas in Generative AI.
- To prepare skilled professionals contributing to Pakistani's growth in AI and NLP technologies.

Syllabus:

- Module 1:   Foundations of NLP and LLMs
- Module 2:   LLM Architectures and Training Fundamentals
- Module 3:   Prompt Engineering and Fine-Tuning
- Module 4:   Semantic Search and Embedding Models
- Module 5:   Advanced LLM Applications
- Module 6:   Ethics, Safety, and Future Trends.

2.   Interested Officers of Finance Division are requested to forward their nominations for the above-mentioned course duly recommended by the head of their respective wings to QA-I Section by 05-02-2025. Course fee is Rs. 40,000/- per participant. Details of the course and registration procedure are available at www.case.edu.pk.

(Madiha Rafique)
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All Officers (BS-17 & above) of Finance Division, Islamabad
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- Webmaster, with the request to upload the circular for information on Finance Division's website.