Special Industry-Connect Certificate Courses
Sponsored by Ministry of Electronics & IT, Govt. of India

Objective:

Within coming few years there is supposed to be a huge demand of technical manpower having knowledge and skill in certain ICT domains where business is shifting steadily. While AI, ML, Data Science, Cyber Security and IOT are some of the popular emerging areas in which specializations are offered in B.Tech/M.Tech level, there are few other in-demand ICT areas like Cloud Computing, Web & Mobile Technology, Enterprise Computing, Deep Learning, Python Programming, WSN, CAD-CAM and Drone Technology on which there is not much scope for industry-oriented exposure at graduation/post graduation level within the purview of University curriculum.

Looking at this gap and realizing the industry requirement RCCIIT has proposed following ten industry-oriented short term certificate courses in emerging ICT areas for the B.Tech/M.Tech/MCA/M.Sc (Comp. Sc/IT)/B.Sc (Comp. Sc/IT)/BCA students for enhancing their employability with respect to the requirement of IT-TES industry.

Courses:

- ✓ Cloud Computing – Course 1
- ✓ Enterprise (Mainframe) Computing – Course 2
- ✓ Wireless Sensor Network – Course 3
- ✓ Mobile & Web Technology – Course 4
- ✓ Drone-based Aerial Surveillance and Image/Video Processing – Course 5
- ✓ Deep Learning – Course 6
- ✓ Computing using Python – Course 7
- ✓ Computer Aided Engineering Design & Manufacturing using SolidWorks/ SolidCAM – Course 8
- ✓ Computer Vision & Pattern Recognition – Course 9
- ✓ Control Systems – Course 10

These ten high-intensity courses with target outcome will be held in physical and hybrid mode (as per situation) with each cycle of all courses spanning over a semester and running parallel to regular classes. Total coverage of each course will be **80-100 hours** (**4-6 hrs class per week**) including project and soft skill modules.

Funding & Support:

The Ministry of Electronics & IT (MeitY), Govt. of India has accepted the proposal of RCCIIT and has sanctioned grant in aid to design and deliver the said courses with the support of domain-specialists from relevant industry and experts from reputed academia like IIT/ISI. On successful completion of the courses the certificates are likely to be provided to the participants by MeitY and RCCIIT jointly. Placement support will be provided to students successfully completing a course.

Enrollment:

The courses are likely to commence in **August 2022.** Limited no of seats will be available for each course and seats will be allotted on seniority and first-come-first-serve basis. Preference will be given to SC/ST/OBC/EWS students as per reservation policy of Govt. of India. Applications from interested students are now invited for enrollment in the courses through the following Google form link by **31st July 2022**.

https://docs.google.com/forms/d/e/1FAIpQLScrIITcJpQH-crshZQAZuovds0KBBnt30IHQL7h-8rO_QVbhQ/viewform?vc=0&c=0&w=1&flr=0&usp=mail_form_link.

For the in-house students there will be token registration and examination fee of **Rs. 1000/-** only (no tuition fee) per course. For students from outside RCCIIT a nominal facility fee (**Rs. 2000/-**) will be charged in addition to the registration & examination fee. All fees will be waived for SC/ST/OBC/EWS students on production of adequate proof.