7.2.1 Describe at least two institutional best practices

Best Practise1: Integrated Academic Management System (IAMS)

OBJECTIVES OF THE PRACTICE: The IAMS enables the students to acquire informationand helps them to organize their thinking and build professional skills, gain knowledge and skills requiredfor their study programs through technology-aided learning mechanisms

THE CONTEXT:

Being a rural College, the Institute has adopted different innovative and experiential learningpractices and through constructive feedback, open communication, inculcating a culture of critical thinkingand holding many in-depth discussions, the college has managed to uplift its most underprivilegedmembers to be more self-reliant, career oriented and great leaders. The content developed by the Membersof Faculty are being uploaded in the IAMS and kept available for Students to Study Anytime andAnywhere.

THE PRACTICE:

The IAMS enables the students to acquire information. It helps them to organize their thinking andbuild professional skills, gain knowledge and skills required for their study programs through technologyaidedlearning mechanisms. The college has encouraged students to pursue internships during the vacationsand acquire necessary problem-solving skills. The college regularly encourages the students to compete inexternal competitions (tech fests, paper presentations and idea and innovation contests).

EVIDENCE OF SUCCESS: This has helped improve the understanding of students on varioustopics and keep them updated with their literature available on the topic

PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED: Damage to the hard disk orCPU is a problem and is addressed by frequent back-ups. The software may slow down the process and thesoftware have to be updated regularly. Delay in updating leads to ambiguity. Authorization and authenticity have to be monitored closely.

Best Practise 2: Skill development through industry sponsored laboratories

OBJECTIVES OF THE PRACTICE: The Entrepreneurship and Employabilityskills are beingimparted through the Laboratories established by the support of Messer Automobiles, IPCS Automationsand CISCO

THE CONTEXT: JCT College of Engineering and Technology is having Ingenious Power &Control Systems laboratory facilities. Through this IPCS research-oriented and progressive approach offersperfect automation solutions to a vast array of industries which include but are not confined to software,marine and construction engineering. We have been providing industries with services ranging fromproposing and installing to the absolute commissioning of an automated system, Level 1 and Level 2automation systems completely adhering to the industry standards. Capitalizing on its long-term industrialexperience in Automation sector, IPCS, CISCO conducts various training programs specially tailored forProfessionals, Corporate Companies and Colleges. IPCS provides a well-disposed and stimulating studyenvironment addressing the intellectual, professional and leader development of students. The trainingprograms provide the best practice in the latest technologies, trends and challenges in the immenselycompetitive areas of automation and embedded technologies.

THE PRACTICE: Messer Automobiles helps to work smarter and faster to compete with theindustry world. IPCS Automations stimulates learning environment and gives exposure to latesttechnologies for students. CISCO helps students in gaining practical exposure via real

V.J. ~~[signature]~~

CISCO devices andlive equipment promoting innovative ideas leading to elevated professional growth. The company has setup the incubation centre at our campus. The exposure towards the industry environment helps the Studentsto shape their behavioral attitude.

EVIDENCE OF SUCCESS: The exposure towards the industry environment helps the Studentsto shape their behavioral attitude.

7.2.2.6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED: The main objective is toimprove the skill set of engineering students in Automation control, Embedded systems and applicationsby conducting value added course, certificate course and Workshops.

Expert's Comments:

Integrated Academic Management system has been presented as their Best Practice. The system is good and helps in proper academic monitoring. Well documented follow up action should have been included as evidence of success which would have been a great value addition. Second Best Practice, Skill development through industry-sponsored laboratories produced good results which are evident from the well-equipped laboratories supported by industries

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With the live demonstration and necessary evidences, the mark awarded for this Criterion is only 2. Hence, we request you to kindly give the maximum mark of 4 for this criterion.

V. J. Army
9/3/21.

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