||JAI SRI GURUDEV||
Sri AdichunchanagiriShikshana Trust ®

SJB INSTITUTE OF TECHNOLOGY

(A Constituent Institution of BGS & SJBIT Group of Institution & Hospitals)
No. 67, BGS Health & Education City, Dr. Vishnuvardhan
Road,Kengeri,Bengaluru - 560 060
Approved by AICTE - New Delhi.
Affiliated to Visvesvaraya Technological University, Belagavi,
2(f) and 12(B) recognized by UGC, New Delhi.
Accredited by NAAC, Accredited by NBA. Certified by ISO 9001-2015

7.2: Best Practices

A. Title of the Practice: *Skill Development Program*

1. **Objectives of the Practice:** Enable and upgrade skills of the stakeholders as per the need of the Industry. Provide them the Global exposure about the opportunities and current practices of the Industry. To train, mentor and mould the students as per different industry requirements to get hired and remain competitive at a dynamic global platform and assist the Student in getting hired by reputed corporate.

2. **The Context:** The overwhelming dependency of our Industries on our graduates adds more responsibilities on stake holders such as Educational Institutions, Respective Government Departments as well as Skill Training service providers. It is very important to understand that Bangalore has been a centre attracting most of the Multi National Companies mainly for the reason of availability of Quality Human Resources. As per the Industry leaders more than 80% of our graduates do not possess the required skills which make them unemployable. At the same time it is clear that the students have the basic knowledge but required key skills such as analytics, personality, communication, aptitude and technical. SJBIT providing our students the last mile support through our training "ETHNOTECH WORKFORCE DEVELOPMENT PROGRAMME" (EWDP) and through "NATIONAL PROGRAM ON TECHNOLOGY ENHANCED LEARNING"(NPTEL) certification course to get relevant knowledge and development of relevant skills of their domain in industry.

3. **The Practice:** EWDP Training process and NPTEL course moulds the thinking of students and leads to quality performance upon employment. The program will help the students in learning the basics about working individually as well as in teams. EWDP will also ensure that the students will develop in directions congruent with their career plans to be successful.

   Under the Skill Development Program, the students are trained on the following
   - ❖ Soft Skills Training
   - ❖ Aptitude Training
   - ❖ Verbal Communication Training
   - ❖ Technical Training (Department/ Program Specific/ Company Specific)
   - ❖ Self organized Participation.

4. **Evidence of Success:** Upon implementing EWDP training students are up skilled and got placed as well as received better packages year on year.Trained Students have proved to be better team players and competent to sustain and excel.SJBIT is placed at 296th position in all India rankings and 22nd position in Karnataka as per the ranking released by NPTEL during August-October 2022

5. **Problems Encountered and Resources Required**: Not much problems are encountered regarding the skill development initiatives. Shortfall of experts and career opportunities in the core domain because of high influence of IT related opportunities is a challenge..

6. **Notes:** Through Skill Development Program students has enhanced the abilities to adapt to changing technologies and labour market demands.

B. Title of the Practice: *Digital Professional Development*

1. Objectives of the Practice: The advancement of education technologies and digital content development tools has made personalised learning available to wider audiences. The Information and Communication Technology (ICT) provides a broad perspective on the nature of technology, how to use and apply a variety of technologies, and the impact of ICT on self and society.

2. The Context: The advancement of education technologies and digital content development tools has made personalised learning available to wider audiences. To revolutionize Engineering education the integration of technology in teaching has become the need of the hour

3. The Practice: SJBIT has taken the initiative to cater the needs through adoption of digital teaching platform from classic teaching methodologies. We have devised our own strategies to fulfil this gap in Teaching-Learning in engineering.

  ➢ SJBIT College has introduced iOS development frameworks, to provide the best training for the novice learners. The learners will acquire the practical and hands-on skills in designing and implementing the iPhone, iPad and iPod applications.
  ➢ DPD Training by Apple to our faculties helps providing evidence-based resources to students, and researchers to improve achievement and equity in online learning and digital content development
  ➢ To enrich the learning process in students, our college has introduced Apple TV in all the classrooms. Apple TV serving as a media hub for a teacher and students with an iPad.
  ➢ Our steps towards the development of Digital Contents like PowerPoint presentation, Keynote presentations, animations, lecture videos, apps for illustration along with classical chalk and talk in the classroom.
  ➢ To develop the content on digital learning, SJBIT has established a separate Lab to solve various problems in the use of information and communication technologies.
  ➢ SJBIT has developed a propriety portal where our entire Learning management systems is collaborated. The portal houses overall academic activities right from

lesson plan, lesson delivery, attendance, student progression, student database management, proctor systems, grievance redressal, HR management and many such modules. Portal also caters the online fee payment and other finance management system. We have a licence software from Microsoft for delivery of online classes, content management, content sharing. SJBIT also ensures in-house Website management by our own faculties.

4. **Evidence of success**: All our teaching- learning process went on smooth transition during pandemic without any glitch in adapting to teaching online as all our students and faculties were aware of the process with prior exposure to such tools.

   ➤ Portal also aids to online evaluation process which ease the process and up keeping of records regarding student's performance. The status of students' performance is sent as a message to parents so they will know the progress and lacunas of their wards.

5. **Problems Encountered and Resources Required:** Limited access of newly adopted educational software's and Lack of In-person Interaction with the students.

6. **Notes:** With the use of special software tools and the various technological enhancements helped our students to have clear vision and finding solutions that can enable a new level of productivity in the learning.

Signature of Principal
Principal
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