



Vidya Jyothi Institute of Technology (Autonomous)

*(Accredited by NAAC & NBA, Approved By A.I.C.T.E., New Delhi, Permanently Affiliated to JNTU, Hyderabad)
(Aziz Nagar, C.B.Post, Hyderabad -500075)*

Best Practices II

PRAYUKTHI



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1. Title of the practice: PRAYUKTHI- Employability, Entrepreneurship & Higher Education

PRAYUKTHI is an innovative endeavor at VJIT focused on empowering students from reserved categories (SC/ST), fostering their ability to excel among their peers.

This initiative intends to instill confidence in these students by addressing their present needs and enhancing their future prospects."

"At VJIT, PRAYUKTHI is recognized as a distinguished and commendable practice, designated as Best Practice 2. It focuses on driving and fostering significant progress in the academic journey and personal development of students from reserved categories."

2. Objectives of the Practice

- To motivate SC/ST students for higher education, acquire government jobs and other professional jobs.
- To train the SC/ST students for exercising expertise in the arena of soft skills, communication skills, interpersonal skills and preparing them to face interviews and get better placements.
- To utilize the intellectual resources by minimizing the wastage of time in scouting for opportunities and motivate immersive self-learning experiences.
- To provide study material, prepared by experts, for all competitive examinations.
- To allow access to all the desired resources required for students and interact with faculty members beyond the class work.
- To transform the passive learners to active learners and reproduce knowledge.
- To give financial assistance to needy students with the help of the College management. To conduct seminars and guest lectures by experienced faculty and HRs from industry.
- To involve the students from first year to final year in order to understand the importance of career building, industrial jobs and entrepreneurship.
- To make them confident in taking assessments and certifications related to skills required.

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3. The Context

Most of the students come from diverse socio-economic backgrounds. Many of the students may not be aware of the basic concepts of the subjects as their importance was not taught at intermediate level. Also they are not aware of the skills required for employability (Eg. Communication Skills). Hence in VJIT, we have initiated this scheme to motivate and improve skills.

4. The Practice

- Conducted training classes GATE/ GRE /TOFEL
- NPTEL Certifications
- CISCO Certifications
- Google Cloud Readiness Program
- CRT- Campus Recruitment Training programs: The Institute provides industry oriented training by Talentio, placement assessment by Instack and soft skills training by Gryphon.
- IIT Bombay Spoken Tutorials
- Oracle Certifications
- Infosys Springboard
- Codetantra

5. Evidence of Success

Course offered	Certification course name	No. of students Certified
CISCO	Programming Essentials in python	20
CISCO	Programming Essentials in C	15
Qlik	Qlik Sense Business Analyst Qualification 2023	20
Codetantra	Python Programming & Programming for Problem Solving	256
Oracle	Database using MySQL& JAVA Fundamentals	6 & 5
Internships	Eduskills	11
Students placed in various multinational companies		50

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Cisco Career Certifications

Cisco certifications are a series of professional certifications offered by Cisco Systems, a leading provider of networking and telecommunications equipment. These certifications validate an individual's knowledge and skills in Cisco technologies and can help them advance in their careers in the IT industry. Cisco also offers training courses and resources to help individuals prepare for these exams. Once certified, individuals can use their certification to demonstrate their expertise to potential employers and clients.

Certification Course Name	No. of students completed
Programming Essentials in Python	15
Programming Essentials in C	6

Oracle Certification

Oracle certification is a program offered by Oracle Corporation that validates an individual's knowledge and skills in Oracle technologies and products. The program includes a wide range of certifications, covering different levels and specializations.

Certification Course Name	No. of students completed
Database Programming with MySQL	6
Java Fundamentals	5

Qlik Sense Business Analyst Certification

It demonstrates proficiency in data gathering, interpretation, and presentation in a visually compelling manner. This certification is used by industries such as finance, healthcare, retail, and technology to leverage data-driven insights for business strategy enhancement.

Number of Students Completed :20

EduSkills

EduSkills is a Non-profit organization which enables Industry 4.0 ready digital workforce in India. Our vision is to fill the gap between Academia and Industry by ensuring world class curriculum access to our faculties and students. They provide

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training in new technologies and help the student to complete virtual internship.

Certification Course Name	No. of students completed
Cybersecurity	1
AWS Cloud Virtual Internship	5
Google Android Developer Virtual Internship	2
Microchip Embedded System Developer Virtual Internship	1
Zscaler Zero Trust Cloud security Virtual Internship	1

Codetantra

CodeTantra offers online classes, assessments, proctored exams, interactive courses and certifications in various domains, including computer programming. It offers interactive courses in data structures, operating systems, database management systems.

Number of Students Completed :256

Campus Recruitment training (CRT)

Most of the student's aim is to get a software job in MNCs. Hence campus recruitment training programmes are conducted to improve their skills in clearing aptitude tests, group discussion (GD) and interviews. VJIT has organized "Employability Skills" under "Life Skills" programme by Gryphon.

6. Identify the problems encountered and resources required to implement the practice

Challenges Encountered:

- Insufficient awareness regarding the significance of skill development.
- Reluctance to engage in activities due to low confidence.
- Limited family support, with a disinterest in sending their children for higher studies
- Lack of guidance resulting in difficulties for students in making academic or career decisions.

In order to address these challenges, VJIT has developed a framework aimed at inspiring students through career awareness initiatives, developing avenues for refining technical skills.

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and attainment of certifications in cutting-edge technologies. Furthermore, personalized training sessions are conducted to equip students for placements in reputed organizations. Additionally, GATE coaching classes are offered to strengthen their journey towards higher education.

7. Resources Required for Practice Implementation:

To effectively implement the practice sessions, the following resources are essential:

- A dedicated team of experienced and qualified faculty members who are committed to supporting the students throughout their learning journey.
- Additional resources, including a comprehensive collection of educational materials, access to specialized coaching sessions, and participation in targeted training programs. These resources are crucial for enhancing students' understanding and skills in their chosen field.
- Provision of assigned computers for students, enabling them to practice model tests, access online learning resources, and complete regular assessments. Access to these technological resources facilitates a more interactive and dynamic learning experience, enhancing students' engagement and performance.

In conclusion, addressing these challenges and providing the necessary resources is crucial for the successful implementation of the best practices aimed at empowering students from reserved categories. By leveraging dedicated faculty, additional educational resources, and technological support, VJIT can effectively bridge the gap and enable these students to thrive in higher education and the workforce.

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Best Practices 7.2.2 - Proofs

S. No	Name of the Certification	Link
1	CISCO & Oracle Certification	https://vjit.ac.in/AQAR25/criterion7/7.2.2(1).pdf
2	Eduskills& Infosys Springboard	https://vjit.ac.in/AQAR25/criterion7/7.2.2(6).pdf
3	Codetantra	https://vjit.ac.in/AQAR25/criterion7/7.2.2(7).pdf
4	Qlik	https://vjit.ac.in/AQAR25/criterion7/7.2.2(2).pdf
5	Placements	https://vjit.ac.in/AQAR25/criterion7/7.2.2(3).pdf
6	GATE Coaching	https://vjit.ac.in/AQAR25/criterion7/7.2.2(4).pdf
7.	Student Data	https://vjit.ac.in/AQAR25/criterion7/7.2.2(5).pdf