AQAR 2019 - 20

BEST PRACTICE – I

LIBRARY

1. **Title of the practice**
   - Exploring of E-resources through Remote Access and Mobile Access facility by students and faculty
   - IRINS Faculty Profile for our Institution
   - Library Internship program for students

2. **The context that required the initiation of the practice (100 – 120 words)**

Dr.GRD Memorial Library has introduced the remote access and m-library tool for accessing the library resources using the tool called Knimbus e-library. This tool helps the faculty, students, and scholars to access the subscribed as well as the open-access electronic resources using mobile devices even outside the campus. This tool also provides an option to understand the usage of electronic resources of our institution.

Dr.GRD Memorial Library has created IRINS Academic Profile for our faculty to improve the research visibility and to update the research activities carried out in the academic tenure.

As a corporate social responsibility activity, Dr.GRD Memorial Library has initiated the Library Internship Program for the students who are pursuing their master's degree.

3. **Objectives of the practice (50 – 60 words)**

To provide remote access facility to all the students, faculty, and scholars

To promote the e-resources procured by the Dr.GRD Memorial Library

To understand the effective utilization of e-resources subscribed by the library

To analyze the category of user's utility of resources

To facilitate the students, scholars, and faculty to access the resources anywhere anytime.

To connect the users with the library by various notifications

To create research visibility of our faculty through IRINS

To enrich the societal knowledge by Library Internship Program

4. **The Practice (250 – 300 words)**

The students are provided with Knimbus e-library platform access which enables them to access the e-resource available with the library inside the campus as well as remotely. The administrator will be able to pull out knimbus access reports group-wise such as Professor, Assistant Professor, Associate Professor, Post Graduate Students, Undergraduate students, etc., Knimbus also helps to extract the reports based on publisher wise usage, Publication wise usage, content-wise usage and also the mode of access (Remote, M-library) can be analyzed. By using this tool monthly reports are sent to all Heads of the departments to maximize the usage of procured electronic resources.

Students can log in using the mobile app and access the electronic resources anywhere inside the campus or out of the campus. It serves as an immediate reference material to clarify the doubts. Most of the students have started using the resources through the Mobile App. Various types of content such as e-books, e-journals, e-thesis, and videos are available. Moreover, the federated search option helps to retrieve the result using a single keyword.

Internship to students in the Library enriches them with the current trends and ICT tools available with the library applications. This will pave a way for the students to further develop the library in modern aspects, and also improves their job prospects.

Faculty research profile has been created for all the faculty members using the research profile management system ids, to promote research work and to create a wide research network in the concerned domain. It also widely enriches the quality of research publications and promotes analytical methods to understand the position in the global scenario.

5. **Obstacles faced if any and strategies adopted to overcome them (150 – 200 words) :**

The major obstacle is authenticating the users' credentials and mapping the same with the departments. Reporting strategy varies from institution to institution, and in this context, a method to extract the reports with various features is proposed. Customized reports for the

institution have created some issues concerning the mapping of users, authentication of users, and reporting from macro to micro-level like category wise, publication type, and so on. This tool does not support the SAML format which is required to integrate other web search engines.

6. **Impact of the practice (100 – 120 words)**

Students can access the e-resources remotely. It has helped widely during the pandemic period. Moreover, with a single click, everyone can get relevant results in various content types. All the students can browse and become familiar with subscribed and open access resources. Students can access through the mobile app using their hand-held devices. E-resources usage can be tracked and presented to the targeted user group. Less utilized resources can be identified and removed for future purchase. User's current requirements and expectations can be analyzed from time to time. Students can understand the value of library resources and the ways to follow to attain the right information at right time.

7. **Resources required:**
Subscribed e-resources with title URL list, Knimbus Cloud IP which needs to be approved by all the subscribed publishers. Launching Mobile App in Google Playstore, IRINS Data Collection.

8. **About the Institution**

i.	Name of the Institution	: PSG College of Technology
ii.	Year of Accreditation	: 2019
iii.	Address	: Peelamedu, Coimbatore
iv.	Grade awarded by NAAC	: A
v.	E-Mail	: principal@psgtech.ac.in
vi.	Contact person for further details	: The Principal, PSG College of Technology
Vii.	Website	: www.psgtech.edu

<p align="center">**BEST PRACTICE – II**</p>

1.**Title of the practice:**

<p align="center">**PREPARING STUDENTS FOR PLACEMENT READINESS**</p>

2. The context that required the initiation of the practice

Though students admitted to Engineering courses are strong in technical skills, they lack the skill set required for clearing the Aptitude Test given by companies. Regardless of the type of company, the students need to clear the Aptitude Test to qualify for the technical rounds. This was a major hurdle among the students in getting placed. Hence, it was identified that the students opting for Placements need to be given a refresher course in this area along with Soft skills training which is required to face the interviews.

3. Objectives of the practice

The Objectives are:

1)To improve the Quantitative and Reasoning Skills of the students

2)To enhance the Soft skills

4. The Practice

The students opting for placements are pre-assessed with a 90-minute test involving Quantitative, Reasoning, Verbal and Programming skills. Based on the performance, students are categorized into two categories viz., Alpha and Beta. Alpha category students are given a training program for 27 hours and Beta students are given a training program for 52 hours. These courses are given in capsules of 3 or 4 hours per day. At the end of each capsule, practice tests are also conducted. On completing the course, students are required to take 35 online tests to prepare themselves to face the real Aptitude Test conducted by companies who visit the campus for recruitment. In the Alpha category, students who are confident and capable are given an option to skip the training course but they are required to complete the 35 online tests. The entire program is outsourced to a third party who has a good reputation in this area.

5. Obstacles faced if any and strategies adopted to overcome them

Initially, it was difficult to convince the stakeholders about the importance of this practice. Several meetings were organized with the Student Representatives and the Program Coordinators to agree on the same. The third-party for this program has been selected after strict evaluation and approval from the Principal and Management.

6. Impact of the practice

More number of students cleared the Aptitude test and got qualified for the further rounds.

7. Resources required

1) Classrooms with projector

2) Internet and Computing Resources for conducting online tests

3) Good trained faculty to conduct the program

4) Administrative resources to monitor the conduct of the program

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