

BEST PRACTICES 2020-21

The institution follows versatile practices for overall development of students and to create scientific temperament and research awareness amongst them. There are various activities conducted by the college out of which two practices are mentioned here, namely ‘Prospective Researchers’ Scheme (PRS)’ and **PG Technologia** ‘Creative Curriculum Vitae (CV) Competition’.

Best Practice 1:

1. Title of the Practice: Prospective Researchers’ Scheme (PRS)

2. Goal:

Main objective of this practice is to inculcate research attitude and enhance intellectual ability of post-graduate students by assigning fundamental and applied scientific projects for the social benefits.

3. Context:

The background scenario of this practice lies with the need of connecting students with the real time situations of research industries, during their formal education. As per the slogan of our society ‘**Think Globally, Act Locally**’, college encourages students to do research in growing fields of local as well as global demands with innovation.

4. Practice:

The scheme is implemented from the commencement of every academic year by allotting projects to aspirant groups of students. After exhaustive literature survey, students finalize their project topic along with materials and methods under the supervision of respective guides. Experiments are repeated for confirming and/or interpreting the results in precise way. Finally, the research work is examined by eminent referees and two projects from each subject are selected as winners of

PRS. However, in Academic year 2020-21, due to corona pandemic, along with the experimental research work, more focus is given on the preparation of review articles. All the students of winner groups are felicitated with cash prize as token of motivation by college. Research articles based on all projects are published annually in the form of a compendium.

5. Evidence of Success:

For this year, 42 students completed 13 research articles under the supervision of 10 expert teachers. From that, two articles from each department is selected as 'Best Research Article' and awarded with cash prizes. A compendium of all articles is published with ISBN (978-81-949083-4-0) authentication. Goals of the practice in the form of innovation by the students are evident from the interdisciplinary work exhibited from projects. After reviewing the success of whole practice carefully, it has been observed that, the scheme has inculcated the research attitude amongst the students which will helpful for their career and further doctoral degree.

6. Problems encountered, and resources required:

Corona pandemic became huge obstacle for this year's best practice of PRS as students was unable to perform research projects in laboratories and missed the hands on training as college was not open due to lock down. However, students completed the project from their home and communicated with respective teachers via online mode.

Main problem arise during implantation of this practice is lack of sufficient funds to procure few expensive but necessary chemicals and equipments. It also affects some peculiar characterizations of great importance. However, project supervisors have managed hurdles with extensive efforts such as collaboration with university and other institute of KCE society. Shortage of time due to semester pattern of examination is another obstacle encountered during project. It was minimized by

providing extra office hours and access to laboratories on holidays including Sunday by college authorities.

7. Notes (Optional):

Visionary management of the society always encourages students and teachers by providing the facilities for such innovative practices.

Best Practice 2:

1. Title of the Practice:

PG Technologia: Creative ‘Curriculum Vitae Writing’ competition

2. **Goal:** To imbibe creative presentation skills among job-seeker students

3. The Context:

This competition is organized to imbibe following aspects:

ICT: Inclusive presentations with animations, audio-visual clippings, graphics, simulations which enhance the beauty of presentation.

Body language: Presentation with an appropriate gesture

Expressing power: Use of simplified illustrative language which helps to understand the concepts easily

Confidence: Enhance the stage daring to face mass audience of high intellectual level including subject expert judges

Group discussion (Interaction): Ability to justify and convince the audience about queries

Time management: To enhance the capability to finish off within the allotted time

4. The Practice

The organization of competition is the quality initiative of IQAC. Schedule and themes for the same are announced one month before the date of competition and communicated to the colleges and university departments.

Referees Prof. P. M. Chavan and Dr. Savita Nandanwar from Department of English, M. J. College (Autonomous), Jalgaon evaluated the CV with an appropriate justification to evaluate the participants and select the winners of competition, based on their versatile writing skills. The winners as mentioned below are felicitated by offering the cash prizes and certificates by the auspicious hands of eminent guest. Other participants are motivated by giving the participation certificates. Feedbacks from the students and experts are obtained for further improvements. A separate session was conducted after the result declared in which experts (judges) guided to the students regarding their mistake in CV writing. This helps in the improvement in CV writing.

5. Evidence of Success

26 students had participated in the competition. Participating students expressed their views after competition that reveals the success of practice. Students specifically mentioned the improvement of confidence and presentation skills among them. The competition availed a platform to interact with subject experts and other participants for the exchange of knowledge. It also encourages them to participate on higher platform with boosted abilities. Organization of such a competition reflects in achieving the prizes at university level research convention, ‘Avishkar’ and university youth festival ‘Yuvarang’.

Name of the student	Department	Price
Rubiyya Bi S. Mustafa	Organic Chemistry	First
Wagh Lokansha R.	Microbiology	Second
Patil Dhanshri D.	Statistics	Third
Bidkar Prarthana A.	Biotechnology	Consolation

6. Problems Encountered and Resources Required

Since the college is non-aided, to generate the financial resources to execute the practice at grand level of organization. There was lack of time for organization due to compact schedule of teaching-learning process and semester pattern. To prepare students for presentation up to the high level of competence and excellence is difficult for students from rural area. However, college has successfully overcome these hurdles with rigorous, persistent, and patient efforts in this regard.

7. Notes (Optional)

Competition provides the platform for exchange of scientific and technological ideas with the experts of various department of university. All the information is also made available on college website.