

## DAV COLLEGE FOR GIRLS, YAMUNA NAGAR

### 7.2.1 Best Practices

I.

(a) **Title of the Practice:**

Promotion of Research for Academic Excellence and Employability.

(b) **Objectives :**

The college is committed to providing a stimulating and active learning environment with a vision to inculcate the idea of obtaining Academic Excellence through research with following objectives :


- To explore the unknown and unlock new possibilities.
- Encourage the teachers and students to engage in scholarly activities.
- Encourage the students to take up Internships with different organizations and experiential and applied learning projects to translate the knowledge into practice.
- To integrate teaching and research by invigorating the faculty members for publication of quality research work with ethics and integrity.
- To expand the existing knowledge by providing solutions to different problems in pedagogy (Methods of teaching) while improving teaching & learning practices.

**The Context :**

Academic Excellence is the ability to perform, achieve and excel in the scholastic activities. To achieve academic excellence, it is essential to create an environment that supports the development of a community capable of growing socially, intellectually and ethically so that the students can get successful and fulfilling careers. Undergraduate students have dormant potential for innovation and research. It is important to promote research in education as it focuses on the creation of new ideas, perspectives and enabled significant progress to be made in curriculum development and reforms. India has invested in higher education especially in R&D which allows a broader educational experience whereby nurturing and training young minds through scientific methods spurring innovations, inventions and progress. In a globalised world, the role of research in an academic institutions is significant for its sustainability and development. The quality of research work directly translates to the quality of teaching and learning in the classroom, thereby benefiting the students, the society and the country. Research promotion is important to create research ambience in the institutes by promoting research in sciences and humanities and innovations in the new technologies for augmentation of research experienced faculty.

**The Practice :**

- To promote healthy, constructive and interpretive research in the field of sciences and humanities, two journals are being published by the college. This provides a strong platform to various research communities who wish

  
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to quench their thirst in the field of research. The journals contain research papers from varied disciplines of humanities, social sciences and sciences. The objectives of the practice has always been to engage UG students in research. This led to the enhancement of basic infrastructure and procuring equipment for establishing a Research Laboratory and Project based learning.

- Innovation projects have strengthened collaborative research between students and faculty and instilled innovative thinking and solutions. The work is made possible through various studies centres.
- Linkages with the industries and other research institutes focus on the enhancement of knowledge. Project based learning and internships provide the platform for the students to connect the world of textbooks knowledge to experiential learning. Memorandum of Understanding with a large number of Institutes encompasses the exchange of students for academic excellence, exchange of faculty for research and publications and development of joint training programs.
- Research Committee of the college makes efforts to strengthen research infrastructure and other facilities for inspiring students and faculty to embark on collaborative and individual research as well as participation in research seminars, conferences and opportunities to publish.

#### **Evidence of Success :**

The research engagements have helped us achieve :

- Research Committee
- Women Studies Centre
- Gandhian Studies Centre
- Nehru Studies Centre
- Minor Research Projects
- Major Research Projects
- National Research Journal of Social Science
- Coherence
- Number of Research Papers published
- Number of Books Published
- Enrolment of faculty members in Ph.D.
- UGC Funding
- MoUs
- Seminars
- Workshops
- Lectures

#### **Problems:**

- Faculty Crunch
- Lack of Funds

  
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**2(a) Title :**

Online Teaching-Learning and Evaluation Management System (OTLEM):-

**(b) Objectives :**

- a. To provide effective and Interactive OTLEM system.
- b. To maintain and improve OTLEM system in a qualitative manner to nurture the higher education goals.
- c. To monitor OTLEM system and maintain transparency.

**(c) The Context :**

The need of the hour is to know how can existing resources of a particular institution effectively transform the traditional face-to-face classroom teaching into online education with the help of virtual classes and other pivotal tools used in this shifting educational landscape with unique set of skills and requirements. Hence, objective is to maintain the equilibrium of online and offline learning classes (hybrid mode/blended mode).

**(d) The Practices:**

To match the demands of this highly techno efficient step in the coming times, many platforms were used. Microsoft Teams was one of them. The college has the licence to use Microsoft Teams. One to one student teacher interaction was organised by scheduling and taking online classes, Live streaming, assignments and tests were taken on teams. Online learning manual for Microsoft teams was prepared and distributed to every student in the form of video soft copy as well as in printed format. Various other platforms were used for the delivery of online lectures like Google meet, PPT, YouTube channels. The syllabus related lectures were prepared and telecasted by the faculty in the form of videos also. All the students were guided to accept and learn the OTLEM system

**Evidence and success:**

The entire faculty and students participated in OTLEM and blended mode system. This system was successful to engage most of the students from urban, rural and remote areas.

- Online examinations and evaluation was conducted efficiently and successfully.
- Feedback was taken from the students by Counselling cell.

**Problems faced:**

- There was an unstable network connection especially in the remote areas.
- Students from the rural areas faced problems in using these modes due to low access to technology tools like computers, laptops and smart phones.

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