

CRITERION – VII

Innovations and Best Practices

7.1.1 Environment Consciousness

7.1.1 Does the institute conduct a Green Audit of its campus and facilities?

Ans: There is no formal mechanism for Green Audit. Yet, the college is environment conscious and has done sufficient plantation and developed garden in the campus. Attempts are being made to maintain the greenery of the campus.

7.1.2 What are the initiatives taken by the college to make the Campus eco-friendly?

Energy Conservation

Students and staff are cautious about energy crisis and the need to save energy. Hence electric switches are switched on only when necessary. When the college closes after a day's work the main switch of electricity supply is switched off.

Uses of renewable energy

Students are educated to switch off the fans and lights when they leave the classroom. In order to reduce electricity consumption, the corridors of the college have been provided with LEDs in place of tube lights and bulbs. Renewable energy source has not been created till date.

Water Harvesting

No

Check dam construction

No

Efforts for Carbon Neutrality

The campus is mostly no smoke zone because of the ban on smoking in public places. The dead leaves and waste paper are not allowed to be put on fire within the campus.

Plantation

N.S.S. unit organises tree plantation and maintenance programme in and outside the campus. These planted trees are also maintained carefully by the college authorities. The garden of the campus is maintained.

Hazardous Waste Management

Waste papers are reused. Waste is separated and disposed according to the norms prescribed by the concerned health departments and civic bodies. Awareness has been created among the students to minimize the use of plastics in their day to day life.

E-Waste Management

The e-waste like empty toners, cartridges, out-dated electronic items are sold as scrap in order to ensure their safe recycling.

The institution takes all possible steps to make the campus eco-friendly.

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

Ans: The College has introduced many innovations to improve the quality of education. The following initiatives therefore have been taken in this regard focusing on offering quality education to the students of U.G. and P.G. programmes, and improving the competence of faculty and staff of the college.

- Transparent Admission procedure.
- Use of technology is promoted in administrative work for resource-sharing and networking.
- Public Address system has been installed to make important and urgent announcements.
- The college is under CCTV surveillance.
- Biometric machine has been installed.
- Establishment of a well-equipped technology lab and regular use of ICT for teaching.
- Laboratory up-gradation.
- Research promotion.
- Remedial coaching for the students of SC/ST/OBC Minorities.
- RTI Cell.
- Grievance Redressal Cell for students and employees.
- Self-defence training of girls.
- Lectures and seminars organised by various departments.
- Career counselling programmes by the Guidance & Counselling Cell.
- Most of the office staff has been made computer literate.
- On-line salary billing, University Admit Card generation etc.
- To meet the requirement of the time, the institution has launched its website <http://jdgpgcollegekanpur.org>. All the relevant information of the institution is made available on it.
- Establishment of Equal Opportunity Centre to boost entrepreneurial and other skills among students.
- Parent – teacher meeting.

7.3 Best Practices

7.3.1 Elaborate on any two best practices in the given format at page no. 98, which have contributed to the achievement of the institutional objectives and / or contributed to the quality improvement of the core activities of the college.

Ans:

Best Practice – 1

1. Title of the Practice

Cultivation of Entrepreneurial skills among students

2. Goal

Our institution has been working incessantly to achieve the goal of empowering girls and women by sharpening intellectual capabilities and competence in skills. We strongly believe that education is not merely a tool for empowering young women for a proactive and meaningful participation in all decision-making and progressive activities of the society but also, on a more comprehensive level, an instrument to foster in them a global vision so as to ensure their maximum participation in tackling the threats and challenges which the entire society is facing today. Women are equal partners in the human resource

development and their capacities contribute a major share in all sectors of societal concerns.

Thus, the mission of the institution is to provide higher education to girls especially from lower and middle strata of society, to enable young women to be self-reliant and to empower them with information, knowledge and skills to face challenges of the world with confidence and to develop an integrated personality of the students in body, mind and spirit by evoking in them a sense of positive self-concept and self-esteem.

3. The Context

Since the students of our institution mainly belong to the lower and middle strata of the society, obviously they are facing many challenges related to low income of their guardians and lack of awareness and illiteracy. Often the girls and young women become the victim of domestic violence and alcoholism of the male members of their family. As they belong to the backward areas and there is very low level of literacy, their guardians don't allow their wards to attend the college regularly specially to girls and because of irregular attendance, students are not able to sustain the quality education. The students, who belong to remote and rural areas, are also not able to attend the college due to lack of proper transportation. Due to living in unhygienic conditions of slum areas, their overall health also gets affected. The institution is aware of all these problems and has always wished to make its students self-reliant so that they could face the brunt of these problems more confidently and boldly.

4. The Practice

Cultivation of entrepreneurial skills among students is must to become economically independent. The institution believes that financial independence somehow become the crux of all the other activities (academic or non-academic) in a student's life. A frustrated youth finds everything uninspiring – the curricula, the campus, the teaching fraternity, the country's leadership or even the small monotonous job which somehow fails to pull them out of their muddle. They stay in that job because they have nothing else to do. Bulk of graduates and post-graduates in Humanities and social-Sciences in India take to professions which have no link to what they have been taught. What about the loss to the nation when they have wasted their talents of specialization !

The college has therefore made it its purpose to provide some occupational training to the students which, apart from educating them, could also provide some entrepreneurial training which could lead to some support at the hour of their need.

To encourage and develop entrepreneurial skills in the students, the institution organises various programmes. On 2nd December 2011 a programme entitled 'Women Entrepreneurship Development Programme' was organised by the Department of Home Science in collaboration with National Research Development Corporation, New Delhi. The Chief Guest on this occasion was Smt. Rama Rani Tripathi (Manager - National Research Development Corporation) and the speakers were Sri R.A. Yadav, General Manager, District Industry Centre, Kanpur, Sri A.K. Singh, Asst. Manager, (District Industry Centre, Kanpur), Sri Vinod Kumar and Ms. Shweta Bhatnagar (NGO, Sri Sevashram Gram Utthan Samiti, Muzaffarnagar). One of the ex-students of the college and the current owner of a restaurant in the city Mrs. Shilpi Mehrotra was also invited to share her thoughts and experiences with the students on her journey to becoming a successful business-woman. She was also honoured for her efforts in the field of entrepreneurship. Participating students were given stationery and certificates by NRDC, New Delhi.

The 'Equal Opportunity Centre' has also worked immensely to create the spirit of entrepreneurship in the students. It organised 'Women Entrepreneurship Camp' from 10th

December 2011 to 13th December 2011 in which the students were trained in tailoring, embroidery, soft toy-making, flower-making, bag-making, quilting etc.

On 18th February 2012, the college organised a lecture by Smt. Neelam Chaturvedi, General Secretary of the NGO, ‘Sakhi Kendra- Mahila Manch’ who told the students about the various schemes, plans and policies of the Government to boost women entrepreneurship. The various articles prepared by the students from time-to-time were put on display for exhibition-cum-sale on 13th September 2012 in which many people purchased these articles. A five days course of textile printing was successfully organised by this Cell from 18th December 2013 to 23rd December 2013.

Dr. Jyoti Agnihotri from the Department of Drawing and Painting also trained the students in the art of making terracotta beads and jewellery and then organized an exhibition cum sale in November 2010 of the artworks prepared by the students.

The Department of Home Science also organized an exhibition cum sale in February 2010 of the hand-made goods prepared by the students of that department. From 10th to 15th December 2014, this department trained students to make various useful articles by waste materials with the help of Pidilite Company. Every year on the occasion of Diwali, the college organises exhibitions cum sale of several hand-made ‘Diyas’ and other decorative items made by the students of the institution. The sale of these items greatly encourages the entrepreneurial spirit among the students.

On 30th August 2013, a career awareness programme on ‘How to convert education into Money’ was organised by Sanskar Society under the banner of Guidance and Counselling Cell which provided important tips to students on self-empowerment and self-dependence.

In the month of September 2013 and on 1st December 2014, Jaipuria Institute of Management organised an awareness seminar on management studies. The delegates focused on the latest knowhow of management, vocational skills and attitudes and gave professional guidelines to students.

The institution organizes ‘Each One Teach One’ programme under the committee of Community and Social Development, Environmental Awareness and Adult Education (convener - Dr. Gyan Prabha Agrawal). Under this programme, students of the college try to teach any one adult person. This, in a way, trains the student in teaching. After completing her education at UG or PG level, they may earn by starting coaching classes.

Department of Sanskrit has organized Sanskrit Sambhashan Programme for students to enhance the skill of speaking Sanskrit.

The institution successfully runs a fully-equipped computer centre for ‘O’ level computer course affiliated to CSJM University, Kanpur since 2004.

5. Evidence of Success

Most of the students of our institution, who are benefitted by these entrepreneurial activities, are generating income for their studies and livelihood. They are self-reliant and making their presence felt in the society. They are also supporting their families financially and emotionally.

6. Problems Encountered and Resources Required

Lack of motivation and family support is the biggest problem faced in the endeavour. A majority of students have themselves accepted that they study to get married. Marriage requires a degree irrespective of marks or entrepreneurial training. They, in a way are

resigned to the idea of being dominated by their spouses. Only a few girls are mentally free to stand on their feet and carve an independent identity for themselves. Maybe the idea of being dependent on their husbands is so deeply ingrained in their heads by their family members and experiences that they are not able to come out of that mindset. Motivating them to adopt an entirely new idea in which they need to fight against their own mindset, family and social-pressure is the biggest challenge.

Some financial aid by the college is also required to be given to these girls as they come from very low income group where it is difficult for them to arrange the money even for their regular college fee. But the college itself works under several financial constraints. Therefore, despite strong desire on the part of the institution, it is not able to extend the required financial help to one and all.

7. Notes (Optional)

8. Contact Details

Name of Principal	: Dr. B.R. Agrawal
Name of the Institution	: Juhari Devi Girls PG College
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District	: Kanpur
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Best Practice – 2

1. Title of the Practice

Promotion of Research Culture in the Institution.

2. Goal

- To encourage and inculcate research culture among the faculty and the students.
- Encourage the faculty to undertake research projects and publish books and research papers in national and international journals.
- Facilitate the faculty who are approved supervisors of C.S.J.M. University, Kanpur and other universities to supervise their scholars.
- Teaching the techniques of presentation and the mechanics of writing papers.
- To encourage the students and faculty to present papers and attend national and international seminars and conferences.
- Encourage the faculty to organise guest lectures, workshops, seminars and conferences of state / national / international level.
- Encourage the PG students to pursue M.Phil. / Ph.D. programmes and opt for dissertation and project work.

3. The Context

The institution has a sufficient strength of research faculty to provide necessary guidance. All the PG Departments of the college are recognised as research centres by the university. The college has formed a Research Committee to facilitate and monitor research activities. As recommended by the committee, the college authority has provided computers with internet and reprographic facilities for the faculty and the students.

4. The Practice

- The institution encourages and extends all help possible to promote research activities in the institution.
- The principal investigator of any research project is given full autonomy by the institution to adopt whatever line, hypothesis or methodology of investigation she finds necessary or suitable for her research work.
- The institution tries its best to create research culture and aptitude among its students.
- There is a technology lab in the college with several desk top computers having internet facilities. It is fully equipped with scanners, printers, O.H.P., LCD Projector etc.
- Research scholars and P.G. students are encouraged to consult their research related topics on internet.
- The college library has a rich collection of reference books and journals on all subjects.
- A wide range of websites are also suggested by the faculty on respective topics of research.
- The PG departments of the college have one paper of dissertation / project work. The students are guided and helped by the faculty of the respective departments to prepare their thesis or project work.
- There is no provision for research and development in the institutional budget but the amount generated through internal resources i.e. from the registration fees of seminars and workshops is utilized to boost up the research culture in the institution.
- The principal encourages the faculty to submit Major / Minor Research Project proposals.
- There is one scholar named Dr. Madhulika Sharma who is pursuing Post Doctoral Research (financed by UGC) under the supervision of Dr. Veena Nigam (Retd.)

Head, Dept. of Home Science. The college provides her with as many facilities as required for the purpose.

- Students are not provided with any financial assistance by the institution for their research projects but nevertheless they are given all the required facilities and help which they need.
- Due to the strict schedule and sometimes the shortage of teaching staff, the institution cannot afford to reduce teaching load. However special leave / duty leave is granted to the faculty for paper presentation or for Ph.D. work when and where it is necessary.
- Teachers who have not started / completed their Ph.D. work are also motivated to register for / complete their Ph.D.
- Conducting State/National/International level Seminars/Workshops/Conferences.
- Maximum teachers of the college are engaged in various kinds of research activities which have amply contributed to increase in their respective subject knowledge, industry needs as well as community development.
- The institution promotes the participation of students in the seminars / conferences and workshops organized by the institution and other institutions as well.
- By arranging seminars and conferences, the students have ample opportunities to interact with eminent researchers.
- The various departments of the institute interact with each other in undertaking interdisciplinary research.
- Several research supervisors of the college have an understanding with the libraries of other institutions about the permission to our students to provide books and other research materials required by them.

5. Evidence of Success

- The college has created an enthralling research environment that motivates the undergraduate students to participate in seminars / conferences / workshops along with the research scholars and faculty to engage in research.
- It has kindled curiosity and creativity and encourages a student to think originally.
- It has enhanced presentation skills. Students are encouraged to present papers in different seminars.
- The college provides all available resources to carry out research activities.
- Purchased books and journals according to the needs of the faculty.
- Received funds from U.G.C. for Minor Research Projects (details are provided in AQARs and SSR).
- Provided computer and internet facility.
- The college is an approved Research Centre for Ph.D. programme of C.S.J.M. University, Kanpur. Several Faculty members of the institution are actively supervising Ph.D. scholars. Many teachers are supervisors for dissertation work at post graduate level while some are approved supervisors for M.Phil. programme of other universities.
- During 2014-15, the institution was selected as the study centre for conducting Pre-Ph.d classes for Music, Drawing-Painting and Home-Science. 20 Research scholars of CSJM university, Kanpur attended this course in the college. Other than guest-faculty, many teachers of the college delivered lectures on the course-content in research methodology.
- Several faculty members of the institution were invited to deliver guest-lectures on the course content of Pre-Ph.d course work in other study centres.
- Two teachers of the institution are also academic counsellors of IGNOU, New-Delhi.
- The college presently has 29 faculty members out of which 24 hold Ph.D. degree.

- Faculty have published and presented a large number of research papers in various National/International seminars in their individual capacity and in collaboration with associates.
- Majority of teachers have published research papers and books.
- Almost all the teachers have life-membership of prestigious associations of their subject.
- Many of them have been invited as key note speakers and guest speakers and lectures. Several of them have earned awards for the quality of their research work.
- The college has organised several guest lecturers in which the experts of different fields visited the campus and interacted with the teachers and the students.
- Department of Music celebrates ‘Vishnu Dway Jayanti’ in which several eminent musicians have given their presentations related to the academics and curriculum.
- After the accreditation of NAAC, eight National Seminars have been organised by the college.
- Five teachers were sanctioned grant by U.G.C. to complete their Minor Research Projects. (Post accreditation).

6. Problems Encountered and Resources Required

- The college does not have space to allocate separate rooms for each faculty.
- In seven subjects there are UG courses so the students cannot directly get involved in research projects.
- More journals and e-journals required.
- Time for research activities becomes a problem due to shortage of teaching staff.
- Students need more focused training to learn the method of writing and presenting papers.

7. Notes (Optional)

Within the limited resources and space available the college always stands with the faculty for the production and promotion of quality research. Research Committee and IQAC is doing its best in promoting analytical skills.

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