



**M.L.V. GOVERNMENT  
COLLEGE BHILWARA-311001**



**(Raj.)**

**BEST PRACTICES**

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For overall growth and holistic development of the students a numbers of healthy practices are adopted by this institute. These practices differ in way of working but the ultimate goal is to provide a healthy learning atmosphere which should be student centric with a greener and Eco-friendly campus.

## Best Practice I

**Title of the Practice:** Develop Environmental Consciousness

**Goal:** *To maintain a Green and Clean Campus*

**The Context:** Environmental education is the teaching of individuals, and communities, in transitioning to a society that is knowledgeable of the environment and its associated problems, aware of the solutions to these problems, and motivated to solve them. UNESCO states that Environmental education is vital in imparting an inherent respect for nature amongst society and in enhancing public environmental awareness. “*Think globally and act locally*” feeling can be boosted in students when they are provided with practical knowledge of environmental issues. To fulfill this campaign and drive for plantation is organized in the campus every year. Clean campus mission instill the values for dignity for labor and develops an aesthetic sense in our learners.

**The Practice:** The Clean Campus, Environmental Conservation and Campus Beautification Committee in coordination with the Eco Club, Department of Botany, NSS units, NCC cadets, staff of the college, NGOs and community personnel making efforts to keep the campus green and clean. During Vanmahotsav, Independence day, Ozone day and any other suitable occasion plantation programme is organized under aegis of any one of the above units. Department of forest and environment officers and other experts are also invited to guide these drives. For cleanliness separate pits are constructed to dump the

biodegradable and non-biodegradable waste. Awareness campaigns are organized to make the campus eco-friendly, green and clean.

**Uniqueness:** Students are provided the saplings of the plants and asked to grow these saplings in college campus at space provided for it. They are asked to take care of these plants their own. A watchword of this programme is each one-each tree for successful implementation of this scheme. Several NGOs such as Bharat Vikas Parishad, Prayavaran Samvardhan Sansthan are involved for better outputs. An area is developed as dense forest zone named **Oxyzone** under community funding and **MoU has been signed** for it.

**Constraints:** Safety of plants and water availability are the major problems and constraint. Tree guards are used to protect some of the trees and plant species which are drought tolerant are used for plantation. Rainwater harvesting structures are found useful for increasing water table.

**Evidence of Success:** This institution has more than epitome with 700 standing and a mature tree in 21.30 acres of Green Eco-friendly campus is one of the evidence of success. Dust and dirt free environment of the campus is another evidence of success. Class rooms and laboratories are neat and clean due to increasing awareness of green and clean campus movement. At a larger extent the environs of the campus becomes pleasant due to these efforts.

**Problems Encountered and Resources Required:** Although the success of this programme is highly satisfactory but from the month of February onwards to month of June care from students side becomes a major limitation and this trend results in mortality of few of the plants. Availability of tree guards from Urban Improvement Trust (UIT) and Municipal Corporation is another limitation this culminates in death of more plants due to cattle grazing. Occasionally Municipal Corporation services are provided to clean the campus through JCB machines and other resources but for regular cleaning of barren area is another challenge for us.

*Parthenium hysterophorus* (Carrot weed) infestation during rainy season creates a nuisance in majority of the barren area of the campus and management of carrot weed invasion is quite difficult.

**Notes (optional):** The inception of the above scheme reflects the vision and sensitivity of the college towards the nature.

Name of the Principal: **Mrs. Manisha Udawat**

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Green Campus efforts



Set up of pot Yard by M.Sc. Botany Students



Plantation of Rare Medicinal plant in Botanical Garden



Green Audit Initiative



Earth Day Celebration 22-04-2022



Ozone Day Celebration 16-09-2022



Plantation in the campus under Green Campus Initiative



Cycle rally for Environment Conservation awareness



Preparation of Inventory of Bird species of Campus under Green Audit Programme



“Parinda Painting” by students creating feeling of complacency towards nature and organisms



Green Audit initiatives by faculty members & students



Preparation of Inventory of Butterfly species of Campus under Green Audit Programme

## Best Practice II

**Title of the Practice:** **Creating Research Culture in the College**

**Goal:** *To promote high quality environment of research*

M.L.V. Government College aims to encourage research and innovation in sciences, humanities and social sciences and commerce field and some allied areas. Towards this goal, the college has encouraged faculty members to participate in various aspects of research in their field of expertise.

**The Context:** The institution has a sufficient strength of research faculty to provide the necessary guidance which consciously promotes a research environment on campus. 42 permanent faculties at the institute possess a Ph.D. out of 64 faculty members. Thus, there is a strong impetus from the faculty to involve in research. Faculty members have received grants for Major Research Projects from Department of Atomic Energy (**PI-Dr. B.L. Jagetiya**) and UGC etc. This College has received DST-FIST grants for two terms.

**The Practice:** The College encourages, PG students to focus on research after completing PG degree. Faculty members are encouraged to under-take minor/major research projects from various funding agencies and guide Ph.D. students. Students can avail schemes of UGC, CSIR, DST, DBT etc.

**Evidence of Success:** The College has created an enthralling research atmosphere that motivates the PG students to engage in research for the Ph.D. degree. Many papers with student authors with their guide have appeared in national and international journals and conferences. Another sign of success is that right from the beginning 95 plus students are awarded Ph. D. and 136 awarded

M.Phil. Degree. Around more than 600 research papers have been appeared in Journal of national and international institutes. Eleven Departments out of seventeen Departments are approved research guides of affiliating university. Three major projects and large number of minor projects have been completed in various Departments.

**Problems Encountered and Resources Required:** Additional infrastructures are a prime requisite for research activity. Beyond this ten research laboratories have been established in the college. **Geobotany Research Centre** established under DAE-BRNS Major Project has been reported in innovation practice of 2016 Peer Team Report.

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Central computer Lab set-up under DST-FIST Scheme being used by Research Scholars



Research Scholars and PG Students working in Central Computer Lab



Extension Lecture on Research Methodology by Prof. S.D. Purohit



Audience attending extension lecture in seminar hall



Botany faculty members on plant exploration visit



Equipment available for Faculty members and research scholars set up under DST-FIST Scheme



Geobotany Research Lab setup under Dept. of Atomic Energy GoI Major Research Project (MRP)



Book/Thesis/Research Article (authored by Faculty Member of the College) exhibition in Bhilwara Scienc Fest 26 & 28 February, 2022



Computer Lab (Room No. 12) available for faculty members and research scholars



International Conference organized by Department of Political Science 19-20 September 2019



Seminar presentation by Research Scholars and PG students



Botanical excursion for PG students



Pre PhD Viva-Voce by Research Scholars  
(Department of Hindi)



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