

**Report of the Environment and Green Audit  
of  
DAV Centenary College, Faridabad**


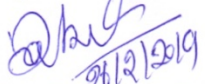


The final meeting for report writing and submission of the Environment and Green Audit (EGA) Committee was held on 25<sup>th</sup> and 26<sup>th</sup> February 2019 at DAV Centenary College, Faridabad. The committee conducted EGA for the years 2016-17 and 2017-18. However, the committee members have visited the college in this regard on earlier occasions also.

Following were the members of the EGA Committee:

- |   |          |
|---|----------|
| 1. Prof. Ravinder Vinayek<br>Director, Delhi School of Professional Studies & Research<br>Sector 25, Rohini, Delhi – 110085             | Convener |
| 2. Prof. Sanket Vij<br>Dean Faculty of Commerce & Management<br>BPS Mahila Vishwavidyalaya<br>Khanpur Kalan, Sonapat, Haryana – 131 305 | Member   |
| 3. Dr. Pawan Pilonia<br>Assistant Director Horticulture<br>Ministry of Finance, Govt. of India  | Member   |
| 4. Er. Bhushan Kumar<br>S.D.O. Civil (Retd.)<br>Public Health, Haryana PWD  | Member   |

DAV Centenary College, Faridabad is a non-residential coeducational institution affiliated to Maharshi Dayanand University, Rohtak with NAAC Accreditation "A" CGPA 3.11 (Cycle 2) which is a result of the untiring efforts and dynamic leadership provided by the college Principal who has created an excellent and dedicated team of teaching and administrative staff.

The college offers 03 PG, and 12 UG academic programmes along with 04 Add-On programmes. In total 4352 students (3059 boys and 1293 girls) representing more than 10 states of India are enrolled in the various programmes offered by the college. To cater to the diverse needs of the students, in total 114 full time teachers are appointed. The college prepares a yearly Centralised Academic Calendar and obtains feedback from stakeholders for quality enhancement. The Laboratories, Library, Classrooms and

     
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Computers, Sports Complex etc. are upgraded and augmented from time to time by the college.


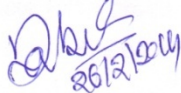

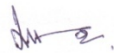
The college has signed ample MoUs with institutions/industries/NGO's and organised number of outreach programmes and the staff and the students actively participated in all such activities. The philanthropic activities rendered by the college has been very well recognised by the Government and other social bodies and various Awards and recognition have been conferred upon the college.

The India Today ranked the college 30<sup>th</sup> in the list of 50 top colleges of India and ranked it 1<sup>st</sup> among the top five colleges offering BEST VALUE FOR MONEY.

The Internal Quality Assurance Cell (IQAC) has been operational since 16<sup>th</sup> February 2005 and regular meetings of the IQAC, timely submission of Annual Quality Assurance Reports (AQAR) to NAAC, AISHE etc. on regular basis.

The detailed report of the Environment and Green Audit committee is as follows:

- Overall, the college campus has scenic, well painted, well maintained, good green cover and is well ventilated and having a beautiful appearance.
- The college is spread over 10116 Sq. Mt. and the built up area is 4046 Sq. Mt. The built up area is divided into 60 class rooms, 09 Computer Labs, 05 Science Labs, a Library, a separate Students Common Room for girls and boys and well-equipped gymnasium etc.
- Two entry gates provide easy and secure access to students and also appropriate for Divyang's.
- The campus of the college has lush green lawns and a well maintained garden. The various types of plants on the ground, on the walls and hanging in the corridors enhances the beauty of the college premises. In total 165 trees, 10132 plants, 8119 plants in flower pots and 1050 plants in hanging pots have been planted. Out of these some medicinal plants like 4 Neem, 70 Giloy, 5 Green Tea, 20 Tulsi and 50 Oxygen Plants have been planted. An Environment Club has been formed by the college for sensitisation of the students, staff and public

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regarding the importance of environment protection and maintenance of ecological balance.

- The electricity consumption is approx. 7650 units per month. Further, approx. 500 litres diesel is consumed per month by three noise free power generators having capacity of 250KVA, 125 KVA and 62.5 KVA. In total, 92 air conditioners, 621 fans, 824 tube lights, 129 CFL lights, 38 LEDs and 400 computers has been installed in the college.

To protect the environment, the college has installed a 15KVA Solar Plant and Solar Lights for the Parking Area and college parks have also been installed. In total, 6% of the total load is supported by the solar plant.

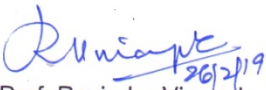

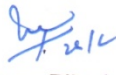

Further, to save energy, the college has adopted the policy of replacement of present electronic equipment with energy efficient equipment. The process of replacing CFL lights with eco-friendly LED lights is in progress.

- Separate toilets for male and female students and staff have been constructed. In total 39 toilets having 57 WCs and 37 Urinals (11 toilets for Boys with 12 WC seats and 30 Urinals, 08 toilets for Girls with 24 WC seats and 15 toilets for staff with 21 WC seats) along with 42 washbasins are there in the college. The toilets are fitted with fairly modern equipment, flooring and adequate ventilation.
- The sanitary napkins are made available to girl students and the female staff through the medical center of the college. For disposal of used sanitary napkins covered bins have been placed at strategic locations.
- A spacious canteen with common and separate sections for girls and boys is working and older but well-maintained equipment have been installed in the college canteen.
- Availability of 24 hrs running water has been ensured through two water connections of Municipal Corporation, Faridabad, and one Tube-well with a submersible pump. The water is stored in around 37500 litre underground tanks. 14 Reverse Osmosis (RO) water purifiers have been installed for providing drinking water. The waste water produced by RO purifiers is being collected into separate tanks and the same is used for cleaning and sweeping purpose.

     
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- Rain water harvesting system has been installed and operational with two recharging points. Further, a proposal for constructing a third pit for Rain water harvesting has been submitted under RUSA to concerned officials. At present, 1/3<sup>rd</sup> area of the campus is covered under the rain water harvesting system.
- As a safety measure, a separate water tank of 10000 litres has been maintained for Fire Fighting Hydrant System. Fire Fighting equipment have been made available at various locations.
- Adequate garbage clearance units along with an Efficient Garbage Management system have been devised and implemented with the help of Municipal Corporation, Faridabad. The dustbins for different type of garbage were placed all around the campus. The slogans and instructions to use dustbins were also visible. Further, two pits have been created to convert the garbage into compost.
- For management of eWaste, the college has signed MoUs with a certified and authorized company and all regulations/standards of statutory authorities have been followed.
- For management of laboratory waste, controlled waste containers are used. The inorganic acids and bases are neutralised as per government guidelines before discharge in separate sanitary sewer. The college encourages recycling of glass to reduce waste generation.
- The administration of the college has used latest technology for optimum utilization of resources with the sole objective of reducing use of paper and saving the environment. The required data, and summaries viz. fees details, student admission details, student registration, exams, results, attendance record, lecture plans, etc. are readily available on the dashboard of the web portal which is accessible to all the stake holders as per requirement.

The teachers also access the details of activities and events organised at dept. and college level through the college web portal. The teachers are able to communicate with each other and also with different departments with email facility.

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The college has developed a mobile app through which students can access their profile, payment history, documents and mark sheets and, download assignments and lesson plans which help them in planning their activities.

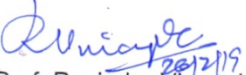



- The college has adopted Rahul Colony in the vicinity of the college which is inhabited mostly by economically weaker sections of the society. The college has organised various sensitization activities related to health and hygiene.

The staff and students actively participate in the activities of the government viz. Swachh Bharat, Beti Bachao Beti Pado, Digital India, Financial and legal Literacy, Environment protection, Pulse Polio, National Tobacco Control Programme, AIDS Awareness, Gender Issue etc.

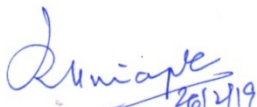
Further, the college has signed 12 MoUs with institutions of national, international importance/industries and organised a number of outreach programmes in collaboration with industry, community and Non-Government Organisations viz. Blood Donation Camp, Community Awareness Camp, Sanitation Campaign, Drug De-addiction Drive, National Unity Day, Tree Plantation Drive and Rally for Old Age Home etc.

#### Observations and Recommendations:

- The college should participate in the Swachhta ranking for Higher Education Institution conducted by UGC every year.
- The college should implement One Student One Tree Campaign of UGC.
- Though the college has two pits for conversion of garbage into compost, the college may install a electronic compost machine for efficient waste management.
- The upgradation of canteen with modern chimneys and good equipments is essentials. Further, health check-up of canteen staff viz. cook etc. should be carried out on regular intervals. The quality and hygiene of the food needs to be improved.
- Save electricity stickers may be pasted/placed on every electric switch board.

     
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- The college has a Divyang friendly campus but the same needs to be further strengthened.
- To harness solar energy and to save energy, the capacity of solar power plant should be increased.
- The 92 air conditioners, 621 fans, 824 tube lights and 129 CFL lights may gradually be replaced with energy efficient eco-friendly equipment viz. inverter ACs, LEDs etc.
- To conserve water, sensor enabled water taps be installed in the toilets.
- The staff and students should be motivated to use public transport and pooled vehicles in their routine activities to save energy.
- The sanitary napkin dispensing units should be installed at the required places in the college. A sensitising campaign regarding use of bio-degradable napkins among the female staff and students should be organised.

  
26/2/19

Prof. Ravinder Vinayek

  
26/2/2019

Prof. Sanket Vij

  
7/2/19

Dr. Pawan Pilania



Er. Bhushan Kumar