



**ST. ALOYSIUS' COLLEGE**  
**(AUTONOMOUS), JABALPUR (M.P.)**  
Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)  
College with Potential for Excellence (CPE) by UGC  
DST-FIST Supported

## **Eco Conservation Monitoring Report**

**2018-19**

“Eco Conservation Monitoring Team” of St. Aloysius” College (Auto.) resolute to the monitoring, management and maintenance of the campus to create awareness not only within the Aloysian family but also in the contiguous locality for safe environment. The team prepares Eco Conservation monitoring Report under three broad aspects –

- 1. Green and Clean Campus**
- 2. Eco-friendly approach: Reduce, Reuse and Recycle**
- 3. Health and Hygiene**

These three aspects were accomplished under following features -

- Green and clean campus
- Plastic free zone
- Best out of waste
- Reduce, Reuse and Recycle
- Tobacco free college premises
- Health and Hygiene

The team is steadfast to educate and disseminate awareness about various environmental issues by organizing road shows, campaigns, value education, mentoring, training programmes, lectures and workshops to entire Aloysian family and proximate society.

## Outputs of the Audit

### Green and Clean Campus

- Water Quality of college campus was analysed on Chemical, Physical and Microbiological Parameters.
- Microbial assessment of air quality was done.
- Tree plantation is conducted by **Nature Club** with the motto „**Each One Plant One.**“
- Add on certificate course on **Water Quality Monitoring.**
- Training on „**Making Bonsai**“ was conducted to motivate students to grow plants even in small areas.
- Preparation of **vertical garden** was introduced in the syllabi of certificate course on Approaches and application of biodesign. Scholars learned to make use of small areas like balcony, gallery, etc. to develop green walls or vertical gardens (31<sup>st</sup> October, 2018)
- Students were **trained to make terrariums**, the glass gardens on 10<sup>th</sup> October, 2018 to invoke love for ecosystem and understanding the functioning of ecosystem. Students were also made aware about various factors effecting environment adversely.
- Development of **seasonal flower beds** monitored by Nature club which adds to the greenery and beauty of the campus.
- The Department of Education organized **Poster making and Slogan writing competitions** on the theme “Save Environment” to enhance the interest to learn about current issues of concern regarding environment.
- NSS society of St. Aloysius College organized **Swachhta Summer Internship** on 1/5/18 to 31/7/18 at Mohaniya village, Ranjhi (22 students participated).
- Under **Swachhta pakhwada** various activities were organized which are as follows –
  - College **campus Cleaning** Program was organized on 2/8/18 to 10/8/18 by NSS (50 students participated).
  - Various competitions were also organized under the theme „*Swachhta*’ like **quiz competition** on 15/08/18 in the college in which 25 students participated; **Slogan and Poster competition** on 21/09/18 in which 15 students participated.
  - **Swachhta Shapth** and **Rally** on *Swachhta* on 16/09/18 was organized



**Railway station cleanliness program** on 23/09/18 was held at Jabalpur railway station (30 students participated).

- **Shramdan:** Students were encouraged to spend some time in cleaning of college campus and surroundings so that they can experience the benefits of maintaining cleanliness.
- Dust bins were placed at respective sites of the college such as garden, campus, class rooms, etc.
- NCC cadets participated in training session of 2018-2019 EBSB (*Ek Bharat Swachah Bharat*)
- The *Ek Bharat Shreshtha Bharat camp* in Tamil Nadu was attended by seven cadets, Cadet Mahima Sahu, Cadet Pooja Pasari, Cadet Jayanti Thapa, Cadet Gayatri Behera, Cadet Ishawari Rajak, Cadet Abhijeet Singh and cadet Vivek Raj participated, where they exchanged interstate culture and traditions; various activities related to cleanliness.

### Plastic Free Zone

- Use of plastic products were discouraged to make the campus plastic free.
- All the assignments were prepared without using plastic files and folders.
- Plastic disposable cups and plates were discouraged in college canteen, instead paper plates and cups were promoted.
- Bringing polythene carry bags in campus was also discouraged.

### Reduce, Reuse and Recycle

- Training on „**Mushroom Cultivation**“ gives an inspiration of reusing agricultural waste and also develops interest of students in high protein nutritional product. This training was organized by Department of Botany and Microbiology on 19<sup>th</sup> February 2019.
- Competitions on „**Best out of Waste**“ was organized under the banner of „*Srijan*‘ on 28/2/19.
- An **industrial visit** for 36 PG Chemistry students was organized on 5<sup>th</sup> April, 2019 to „**Fly Ash Bricks Factory**“ Katangi Bypass, Jabalpur where students learned the fly ash can be reused in form of bricks that can be used for constructing buildings, walls, etc.
- As a resource centre Department of Zoology organized **Internship training** on “**Vermicomposting as sustainable practice for solid wastes management in Jabalpur**”

city” from 23/01/2019 to 01/03/2019. Total 85 students from different colleges of Jabalpur city were enrolled for the training programme.

## Health and Hygiene

- **Blood donation camp** was organized on 2<sup>nd</sup> November 2018 by NCC and Red Cross society. Students and teachers donated 138 units of blood.
- **Lectures** by specialized doctors on various health issues.
- **Disease awareness campaign** and **road shows** was organized by Department of Botany and Microbiology on 13<sup>th</sup> September, 2018 in which M.Sc. Microbiology students participated.
- On 1<sup>st</sup> December 2018, **AIDS Awareness Rally** was organized to spread awareness about the dreaded disease on World AIDS Day from college to Sadar market. Students displayed banners, slogans and also played *Nukkad Natak*.
- Red ribbon club of St. Aloysius College (Autonomous) Jabalpur with collaboration of Rotract club and women cell organized **haemoglobin check-up and nutrition awareness programme** on 18th and 23rd September 2018 under the banner of *Swastha Naari Swastha Pradesh* for girl students and lady teachers. Total 625 students and teachers were benefited.
- Red ribbon club of the College organized **Women Health Awareness Programme** on 12<sup>th</sup> January 2019 at Village Khamhariya. Total 54 females were benefited.
- The Rotract club participated in a free **medical camp** conducted by “*Swasth Naari Swasth Pradesh*” Organized on 8<sup>th</sup> and 18<sup>th</sup> Sep 2018 at St. Aloysius College. In this camp girls and women staff were screened by doctors and consultation was provide to participants by checking their weight, height and hemoglobin.
- The Women Cell of St. Aloysius“ College (Autonomous) organized an **Awareness on Eye Donation** on 1<sup>st</sup> September, 2018
- A **medical check-up camp for the girl students** was organized under the program of “*Swasth Nari Swasth Pradesh*” was conducted in the college by Aloysian Women Cell in collaboration with “Madhya Pradesh Aayurvigyan Vishwavidyalaya, Jabalpur”
- The members of Aloysian Women Cell went to attend a **workshop on “Tuberculosis Eradication”** organized by The Directorate of Jabalpur (Public Health and Family Welfare) on 24<sup>th</sup> September 2018 at 12:30 pm

- A four days **national seminar** on “**Envisioning a Healthy India: Health, Hygiene, Mother and Child**”, was organized in St. Aloysius“ College (Autonomous) Jabalpur from 21<sup>st</sup> to 24<sup>th</sup> February 2019, sponsored by UGC, Bhopal. The aim of the seminar was to create awareness among the participants about the present scenario of health and hygiene in India and also to educate them about the various aspects of mother and child health care.
- The Department of Chemistry organized **exhibition on „Home Remedies“** by MSc III Sem Chemistry on 10<sup>th</sup> October 2018.
- Department of Zoology has organized **Health Awareness Programme** on 18<sup>th</sup> August 2018 on “**Dietary habits and haemoglobin status of students**” under Aloysian Zoological society in Government Natthumal Girl“s Higher Secondary School, Gorakhpur, Jabalpur. During the programme a Health camp was organized to check the haemoglobin percentage, blood group and dietary habits of girl students of underprivileged society. 142 students participated in the health camp.
- Faculty members and PG students of Department of Zoology organized a “**Health and Waste Management Awareness Programme**” at Khamariya Village, near Jabalpur on the occasion of National Youth Day in collaboration with Red Ribbon Club on 12<sup>th</sup> January 2019.

## Others

- **Lecture** on „**Tissue Culture**“ was organized by Department of Botany and Microbiology. The lecture was delivered by Dr. S. K. Tiwari, Head, SFRI, Jabalpur. Students learned about germplasm preservation by *in vitro* approaches of micro propagation techniques in horticulture.
- Department of Botany and Microbiology **published quarterly newsletter** named „**Nature**“ addressing issues like current environmental issues, Vertical gardening, noteworthy contributions of people of India towards inspiring young minds for afforestation and environment conservation.

  
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