

1. Title of the Practice Number I:

Establishment of an Arboretum and a Biodiversity Park in the University of Kalyani as an Extension of the previously formed Herbal and Butterfly Garden

2. Objective of the Practice

- i. The primary objective behind the opening of an arboretum and biodiversity park was to have an innovative yet sustainable approach towards green environment with the reference to conservation of biodiversity of an area.
- ii. To have a place in the University where not only the rare species of plants will be conserved, to maintain a genetic stock of the same and create a database on the flora and fauna available so that the students can study and make observations on interactions between different species.
- iii. To have the nature reserve for the conservation of natural heritage in the area.

3. **The Context:** The idea behind having an Arboretum and Biodiversity is **to promote biodiversity conservation and research in the University.**

1. **The Practice: Establishment of an Arboretum** in the Biodiversity Park initiated by Biodiversity Working Group in 2018-2019 continued in 2019-2020 with an increased area of the Herbal and Butterfly Garden of the University of Kalyani. The grants received from the Ministry of Ayush, Govt. of India and West Bengal Biodiversity Board were put into use. The expanded area of the Herbal and Butterfly Garden was further made into a Biodiversity Park of the University. Various programmes were undertaken by the Department of Botany and the Department of Zoology to increase awareness among students and teachers about the importance of biodiversity. After the establishment of the Biodiversity Park efforts have been taken by the Department of Botany to organize several plantation programmes in the part and have various certificate courses where the study area would be the biodiversity park. Forest Department, Govt of India has also donated various saplings for the park ([Fig. 1](#), [Fig.2](#)).
4. **Evidence of Success:** The park has received central funding from the Ministry of Ayush, Govt. of India for its upkeep and maintenance. It has also received funding from the Biodiversity Board, Govt. of West Bengal. Moreover, the park receives active help from the Forest Department in the plantation programmes arranged. The park now is growing various plants which can be procured by the
5. **Problems Encountered:** The Biodiversity Park, University of Kalyani is a huge area which requires strict upkeep. The present funding from Ministry of Ayush and the Biodiversity Board, Govt. of West Bengal is helping in the maintenance but to maintain a genetic stock

and to achieve all the objectives behind opening this park, many more fundings are needed. Also, the Park is trying to generate revenue and the University plans to open up some activities in the park that might generate revenues in the future.

1. Title of the Practice 2: NNS Activities in the University and beyond the Campus for the Local People of Nadia and Murshidabad District

2. Objectives:

- i.** To increase the extension programmes from the University of Kalyani
- ii.** Have extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year 2019-2020.
- iii.** To make the rural people of Murshidabad and Nadia aware about cleanness specially during covid-19 times and make the female careful about their reproductive Health in general.

2. **The Context:** University NSS unit is actually involved in various extension programmes that are associated with the improvement of socio-economic conditions, health conditions of the people living in the districts of Nadia and Murshidabad.
3. **The Practice:** The NSS unit from the University of Kalyani is associated with various awareness programmes under the leadership of NSS coordinator of University of Kalyani. The NSS unit of the University is actively associated with the Swachh Bharat Abhiyan where approximately 5400 students of our university joined the cleaning drive in the campus and in Kalyani township. The NSS unit also organized AIDS Awareness Camp in rural areas to make people aware of the disease and help them get rid of the taboo associated with AIDS. During the outbreak of COVID-19, in the month of March, 2020, when there was a scarcity of sanitizers, the NSS unit of Kalyani University took the initiative of distributing sanitizers that were made by various science department of University of Kalyani. They also extended their help to the Hospitals in Nadia and Murshidabad districts who were working with COVID-19 cases at that time. Also, the NSS unit of the University of Kalyani visited various old age homes and Municipality in Nadia distributing sanitizers. The unit is also closely associated with spreading awareness by conducting World Drama Day Seminar in the year 2019 where almost 250 students joined the programme ([Fig. 3](#), [Fig. 4](#), [Fig. 5](#), [Fig. 6](#)). The NSS unit of the University observes the following days:

National Youth Day	12th January
Republic Day	26th January
Martyr Day	30th January
International Women Day	8th March

World Health Day	7th April
Anti-Terrorism Day	21st May
World No Tobacco Day	31st May
World Environment Day	5th June
World Population Day	11th July
Independence Day	15th August
Sadhavana Day	20th August
International Literacy Day	8th September
International Peace Day	15th September
NSS Day	24th September
National Blood Donation Day	1st October
Communal Harmony Day	2nd October
National Integration Day	19th November
World AIDS Day	1st December
World Human Right Day	10th December
National Youth Week	12-19th January
Van Mahotsava Week	1-7th July
International Literacy Week	8-14th July

4. Evidence of Success:

Kalyani University was selected for the Best University Award, NSS by the Department of Higher Education, Govt. of West Bengal as the University encouraged students in social service and had maximum student participation in NSS activities. Prof. Sukhen Biswas was also awarded the Best Programme Co-ordinator of NSS in West Bengal by the Government of West Bengal, Belur, Howrah by the Higher Education Department of the Govt. of West Bengal. NSS gets a huge student participation from the University as well as from all the affiliated colleges of University of Kalyani. The NSS has also arranged Gender Sensitization Programme for bringing in gender equality in the rural belts of Nadia and Murshidabad. All these awards and programmes attest the success of the NSS activities of the University of Kalyani.

5. Problems Encountered:

The NSS unit has a huge student participation from the University of Kalyani and the affiliated colleges. Organizing programmes in the rural areas are challenging at times as logistics is an issue. But the programme coordinators of the NSS unit of the University and the affiliated colleges have to some extent have overcome the problems faced by the students participating.