



ARMY INSTITUTE OF EDUCATION, GREATER NOIDA

Plot M-1, Pocket P-5, Sec. CHI, Greater NOIDA
(Affiliated to GGS Indraprastha University, New Delhi
NAAC ACCREDITED & ISO 9001:2015 CERTIFIED INSTITUTE

Best Practice 1

Environmental Sustainability

Army Institute of Education is having a lush green campus spread over nearly 2.92 acres of land in a prime location in Greater NOIDA. The institute provides an ideal environment to the aspiring learners for pursuing their studies in education. In the last five years, the College has successfully undertaken many innovative practices for environmental sustainability and organized many activities

Objectives of the Practice: The objectives of the practice are as follows-

- To create a pollution free environment for better learning outcomes.
- To promote comprehensive recycling and composting of biodegradable wastes.
- To organize various activities to promote sustainable development and for conservation of renewable and non-renewable resources.
- To achieve Certification for Energy Audit, Green Audit and Environmental Audit.

The Context: The rate of environmental degradation due to human activities in the 21st century is alarming. Currently, one of the biggest problems faced by humanity is to maintain environmental sustainability. AIE has been constantly working towards creating and maintaining an eco-friendly and clean campus. The building is aesthetically designed and built-up learning spaces of AIE Greater Noida meet all local building laws. A huge area on the campus is a habitat for diverse flora and fauna. The institute ensures the sustainability of available resources and organize activities to spread awareness about environmental sustainability among the students, staff and society.

The Practice:

- (i) Tree plantation drive is organized annually to plant saplings inside the campus and in neighboring areas. Cutting of trees is prohibited in the campus.
- (ii) Waste material are collected categorically as biodegradable, non-degradable, & e-wastes are collected separate in different dustbins. Biodegradable wastes collected from the mess, canteen, gardens (plant waste) are used in vermi compost and the manure from vermi compost is used in gardens.
- (iii) Steels utensils are used in the mess and canteen. AIE campus is **No Plastic Zone**.
- (iv) There is restricted entry of vehicles on the campus and cycle rickshaws are used to dump waste material outside the campus. There is cycling lane on the common where children utilize the space for cycling.
- (v) The institute practices rain water harvesting system and is having seven rain water harvesting points.
- (vi) Waste water collected from the Reverse Osmosis (RO) systems is collected and reused mainly in gardening.

- (vii) Environment-friendly and energy-saving electrical gadgets have been installed. LCD lights are in process of replacement by LED lights to reduce energy consumption in academic block, hostel and residential block of the campus.
- (viii) The institute is in the process of replacing normal Water taps with the water saving taps.
- (ix) Constitution of a special club by the name of “**ECO CLUB**” to organize environment awareness related activities.
- (x) Students of AIE participated enthusiastically in “**Swachh Bharat Mission**”, ‘**Clean India Campaign**’ and different activities during morning assembly.

Evidence of Success:

- (i) Tree plantation drives are carried out in the institute annually except in 2020 & 2021 due to pandemic. AIE campus houses 1153 trees and plants in 15.34 acres of area, restricting impervious surfaces from sun exposure to minimize the impact on the microclimate on the Campus.
- (ii) The institute has been enlisted as one of the 6750 Swachh Institutions of the country in 2018-19 by Mahatma Gandhi National Council of Rural Education (MGNCRE), Department of Higher Education, Government of India.
- (iii) The institute had been certified as ‘**Recognized Entrepreneurship, Swachhta & Rural Engagement Cell (SES REC) Institution**’ by Mahatma Gandhi National Council of Rural Education (MGNCRE), GoI.
- (iv) Installation of Eco friendly **Sanitary Napkin Burning Machines** in the ladies’ toilets of academic block and hostel for safe disposal of used sanitary pads. At the commencement of the session students are oriented to use the machines through demonstration.
- (v) The institute achieved **Environment Audit Certificate** for 2022-25 and **Green Audit Certificate** with **Platinum Ranking**.
- (vi) Celebration of **International Day of Biological Diversity, International Environment Day, World Soil Day** etc. to spread awareness about environmental sustainability among students and faculty. Organizing street play and various competitions on environment related issues. Appendix A attached.

Problems Encountered and Resources Required:

- (i) Resources required for environmental sustainability are the funds allotted for maintenance of the campus and students and staff for organization of various activities.
- (ii) Faculty also faced problem in encouraging students to participate in different activities participate in online mode.
- (iii) The institute faced problem in arranging support staff for maintenance of the lush green cover as well as building due to the manpower availability which was being adversely impacted by the lockdown.
- (iv) Solar Panels were not serviceable for a long time and repairing was beyond economic feasibility as a result the solar panels were discarded on 15 Apr 2022.
- (v) Dependency on generators during power cuts and usage of diesel as a non-renewable resource.



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Best Practice 2

Title of the Best Practice:

Student Centric Teaching Learning Approach- AIE strives hard to provide human and infrastructural support to the student teachers for their all-round development so that they become competent and efficient to adjust and excel in their professional life.

Objectives of the Practice: The objectives of the practice are as follows-

- To provide conducive, safe and learner friendly environment in the institute
- To implement innovative pedagogical practices
- To organize various events to provide platform to students for honing their skills
- To assess and evaluate students on personal and professional competencies
- To make students reflective practitioners

The Context: The success of any teaching learning process depends upon the fact that how effectively the needs, abilities, interests, and learning styles of the students have been taken into consideration while deciding the teaching learning approaches to be used in the class. Now the paradigm is shifting from teacher centred approach to learner centred approach. In AIE teachers are the mentors, who motivate students to learn how to learn and thus to teach themselves, rather than traditional teacher-centered learning in which main objective of a teacher is to pass instructions to deliver the content. Thus the students at AIE are active participants in teaching learning process where they get ample opportunities to conduct, organize and execute events and activities.

The Practice:

- (i) At AIE, aesthetically designed infrastructure and competent teaching and non-teaching staff provide conducive and learner friendly environment to the students. Existing mentor mentee system of the institute is instrumental in providing scaffolding to the students in personal and academic front. During regular mentor mentee meetings students freely share their achievements and problems with the mentors. Their grievances, if any, are addressed through proper channel.
- (ii) Innovative pedagogical practices according to the needs, abilities, interests, and learning styles of the students are implemented in the institute. Teaching learning

activities are planned in such a manner so that students get multiple opportunities to take leadership role, facilitate group work and give presentations on assigned topics using power point presentations, pictographs, concept maps, mind maps, think tanks think Pair Share etc. These activities help them to provide experiential learning.

- (iii) The institute organizes various curricular and co-curricular events to provide platform to students for honing their skills. Students participate in AIE Annual Cultural Fest ULLAS, annual sports meet, intercollegiate competitions, and Army Welfare Education Society(AWES) Western Command Youth Fest. Students enthusiastically take part in annual cultural fest Anugoonj, and sports meet organized by GGSIP university. They also participate in the events organized by other institutes and universities. Students at AIE, not only get opportunities to actively participate in plethora of activities but also get ample opportunities to organize the events. AIE Annual Cultural Fest ULLAS is planned, organized and executed by senior batch students. Students present papers in national seminar organized by the institute and in other institutes as well. They also organized a Student Seminar and undertook complete responsibility of the event starting from selection of the topic to report writing. Training and Placement Cell of AIE annually organize comprehensive Personality Development Programme (PDP) to hone their professional skills. PDP includes sessions on resume writing, table manners, office etiquette, communication skills, mock interviews, how to face interview panel etc.
- (iv) Students are assessed and evaluated on personal and professional competencies at different level. They are made to prepare group presentations, create their own open online resources, power point presentations etc. Assignments are given in the form of concept maps, mind maps, collage making, writing reflections after watching a videos. Internal mock viva is conducted prior to university practical exam to give them firsthand experience.
- (v) Students at AIE are reflective practitioners. They are oriented towards real teaching learning situations through Principal Talk Series and Alumni Talk Series. Students record their daily activities in reflective journal. They come to know about their weaknesses and strengths. It helps in developing their writing skill as well as introspecting their thought process.

Evidence of Success:

(i) Regular mentor mentee meetings were organized and students' day to day issues were resolved. In house wise activities students got guidance in conducting morning assembly and various competitions.

(ii) Some of the innovative pedagogical practices are as follows:

Name of the Activity	Subject
Group wise Power Point Presentation with Pictographs	BED120-Teaching of English
Think Tanks	BED110-Entrepreneurial Mindset
Think Pair Share	BED108- Experiential Learning
Web diagram	BED105- Language Across the Curriculum
Concept Map	BED210- Gender, School and Society
Collage Making	BED210- Gender, School and Society
Digital Story	BED210- Gender, School and Society
Development of OER	BED210- Gender, School and Society

(iii) Some of the major activities in which students participated are as under:

- Student Seminar- 14-16 Jun 2022
- Azadi ka Amrit Mahotsav- Jul 2021- Jul 2022
- Vigilance Awareness Week- 26 Oct – 1 Nov 2021
- Online Annual Cultural Fest ULLAS 2021 - 15 - 21 Jun 2021
- CURIOSITY 2021- 28th February- 1st March, 2021
- 'Road Safety Month' - 17 Jan - 18 Feb 2021
- AIE Annual Sports Meet- 18-20 Jan 2020
- AIE Annual Cultural Fest ULLAS -14-15 Mar 2019
- GGSIPU Annual Cultural Fest Anugoonj- 07-09 Feb 2019
- AIE Annual Cultural Fest ULLAS -24 Mar 2018
- GGSIPU Annual Cultural Fest Anugoonj- 09 Feb 2018 Annual Sports Meet- 30-31 Jan 2018
- GGSIPU Annual Sports Meet- 12-14 Oct 2017

(iv) To assess and evaluate students on personal and professional competencies Internal Mock Viva was conducted in each academic session. This practice helped them to get firsthand experience prior to final exams.

(v) Principal Talk series were organized intermittently during Academic Sessions 2020-21 & 2021-22. Alumni Talk Series were organized intermittently during Academic Sessions 2018-19, 2019-20, 2020-21 & 2021-22. Students write their reflections on important activities

in reflective journal and share their experiences in the class. This practice helps them to know how they are evolving as a better teacher.

Problems Encountered and Resources Required:

- To convince the students to participate in activities which were not specifically mentioned in the syllabus but were organized for the all-round development of the students.
- Organization of activities in online mode during pandemic.
- Resources required were good infrastructure, students, teachers, non-teaching staff and sufficient fund to conduct the activities.