

Aurora's Degree & PG College
Hyderabad-500020
Annual Report of Social Initiative at ADC, 2018-19

The social initiatives at ADC are implemented through selected programs, which we believe would help emerge students as academicians, researchers and entrepreneurs and as true global citizens with a sense of responsibility and commitment towards the environment and the society at large.

Social activities at ADC while concentrating on environmental issues would collaborate with several social organizations representing corporate bodies, government organizations and NGOs, students of ADC would contribute to the society by involving themselves in various developmental initiatives.

Under Social Activity we celebrated environmentally and socially important days. The following are the activities we have done during the academic year 2018-19.

1. Report on World Environment Day, 2018

Date of the World Environment day:

5th June is celebrated as World Environment day.

Objectives

- To sensitize students and faculty regarding the protection of the mother earth
- To promote the habit of proper segregation of wet & dry solid waste
- To inculcate environment consciousness among faculty

Beginning of the World Environment Day:

A Platform for Action World Environment Day is the UN's most important day for encouraging worldwide awareness and action for the protection of our environment. Since it began in 1974, it has grown to become a global platform for public outreach that is widely celebrated in over 100 countries. **The People's Day** Above all, World Environment Day is the "people's day" for doing something to take care of the Earth. That "something" can be focused locally, nationally or globally; it can be a solo action or involve a crowd. Everyone is free to choose.

Theme of the World Environment Day, 2018:

Each World Environment Day is organized around a theme that focuses attention on a particularly pressing environmental concern. The theme for 2018 is beating plastic pollution.

Activity done in our College on account of World Environment Day:

The event was celebrated on 5th June, 2018 in Aurora's Degree & PG College, Block VI. The responsibility was taken up by Ms. P. Chandrakala, Social Activity Coordinator of the college. The Guest for the day was prominent environmentalists-Major Shiv Kiran, CEO of Sukuki exnora, an NGO on Waste management. The target audience were all teaching staff. In this connection, our faculty gathered in Room No. 211, Block VI at 11.30am to attend the talk by Major Shivakiran.

Speech by Shivakiran:

The guest mainly focused on segregation of solid waste management of house hold waste. He said “The Greater Hyderabad Municipal Corporation (GHMC) might be relying on various initiatives and awareness campaigns to promote complete waste segregation in the city, but it seems like they are losing the battle against the issue. For instance, GHMC’s ambitious two bin waste segregation drive – launched over two years ago – has done little to change the situation.

The GHMC, under the Waste Management initiative had distributed 44 lakh 12-litre twin garbage bins – blue and green - to 22 lakh households and introduced 2,000 auto tippers in 2015 to encourage door-to-door collection of segregated waste. But segregation at source is yet to be adopted by the majority of city folks”.

A closer check revealed that in many areas people were unaware about waste segregation, thus disposing dry and wet waste together. Others were unaware about the use of two dustbins thus putting the ‘extra’ bin to other purposes.

With immense enthusiasm and competitive spirit, the faculty interacted with the guests and spoke about their problems faced by GHMC while dumping the waste .

“While residents blamed the absence of monitoring by officials, experts claimed lack of knowledge and awareness among citizens. The two-bins were distributed but the garbage segregation was not successful in several localities. The initiative bore results where it had volunteers to inspect its implementation” – by Y. Sri Krishnamohan, Placement Coordinator.

“In our locality too, we started with much fanfare, but the efforts lost steam as a few continued the practice.” said Professor K.M.R. Nambiar, Head, Dept. of Genetics.



2. Report on Blood Donation Camp, 2018

On the occasion of “World Senior Citizen’s Day” on 21st August, 2018, where most of the people were supporting this social cause in different ways, Students of Aurora’s Degree & PG College took a unique step of donating blood to Sanjeevini Blood bank on 28th August, 2018 in Block VI for motivating young donors by organising blood donation camp, which were helping to cater the needs of patients facing emergency medical conditions.

The complete Blood donation camp was handled by Social Activity coordinator Ms. P. Chandrakala, played a crucial role in motivating the students to donate blood and have cleared various doubts of students about blood donating and more than 260 students have donated blood at Aurora’s Degree & PG College premises. And separate care has been taken to check all the donated blood to make sure that they are not HIV Positive affected. Certificates are distributed for the students who donated blood. The donors felt very happy to be a part of such an inspirational event where you save the lives of other people just by donating a minimum amount of blood. Also people were excited who were donating blood for the first time and being a part of this event. Faculty who donated blood:

1. Naveen Chakravarthy, Commerce Dept
2. Sneha, Second Language

3. Report on Eco-friendly Ganesh festival

Ganesh Utsav is one of the most celebrated festivals in the college both in Block VI & Main Block. On 12th September, 2018 students bought the Ganesh Idol and started the decoration. Student co-ordinators made a beautiful set up (mandap) with eco-friendly colors and decorated items. On 13th September, 2018, ie. On Ganesh festival, pooja started by the students, Principal and faculty co-ordinator Ms. P. Chandrakala. Later on, each and every section got a chance for ganesh pooja. Both in morning and evening sessions. On 15th September, 2018 students observed as the traditional day. They have played Dandia in the morning session after the pooja on traditional day. Everyday evening, students had bhajans by cultural committee.

Then came the time to say good bye to Lord Ganesh. The final procession was accompanied by Bhajans, dances and dandia. The visarjan took place in an eco -friendly pond at the tank bund on 20th September.

The Social Activity Cell of Aurora’s Degree & Pg College, Hyderabad had joined hands with GHMC, Chikkadapalli, in conducting Voter Id Registration Camp on 24th & 25th September, 2018. A day before that the students volunteers went for campaign to all the classes and informed students about the importance of voter id registration and instructed

them to get 2 passport size photographs, Adhar Card & Address Proof for voter id registration. More than 1000 students registered for Voter Id. Voter-id registration started at 10am with the GHMC employees & students volunteers. They 1st register themselves so that they can get use of the site and detail required in the site.www.ceoandhra.nic.in.

Many students came up in number and they started registration. The requirements for online registrations are scan photograph of them not exceeding 100kb, address proof, and voter id number of their parents.



4.Report on first aid and Bystander Life Support (BLS)

Social Initiatives of Aurora's Degree & Pg College in coordination with Aware Gleneagles Global Hospital, L.B. Nagar, Hyderabad organised a workshop on first aid and Bystander Life Support (BLS) at Main Block, on September 28th, 2018, for UG and PG students. The objective of this initiative is to minimize the damage and loss during medical emergencies by

training students to administer immediate care to keep a patient stable until medical help arrives. This initiative was done by Ms. P. Chandrakala, Social Activity Co-ordinator. This workshop was done in two sessions. The students who have to attend afternoon classes had workshop in morning session, started at 10.30am to 12.00 am followed by gynaecologist talk on PCOD only for girl students. Similarly, afternoon session started at 2pm to 3.30pm followed by gynaecologist talk like morning session for the students who have classes in the morning. Dr. Raghu, Global Hospital's trained on methods that will help to save the lives of people who are in need of urgent medical attention such as those lying unconscious and those who suffer from choking or burns. For example, if we come across someone lying unconscious on the road, we need to do first tap on his body to check his response. If there is no response, the body pulse needs to be checked and the nearest hospital should be contacted for help. Before the ambulance arrives, cardiopulmonary resuscitation should be administered on the chest.

In his training he has explained the following precautions to be taken: In case of accidents, "Before approaching a scene of accident always make sure that the scene is safe and take adequate precautions for your personal safety. Make sure you do not come into direct contact with blood and body fluids" he said.

In case of heart attack he said:

- If the person has persistent chest pain or discomfort with breathing difficulty, palpitations or sweating he might be having a heart attack
- Convince the victim to stop activity and help him to rest comfortably. If he is known case of heart disease and if his doctor has prescribed medication like aspirin or sorbital, give it to him
- Shift the patient to the hospital as early as possible. Be prepare to give CPR if the victim's heart stops beating

Also he explained the first aid we have to give a patient medical care which is used for victims, in the case of snake bite, brain attack, burns, diabetic emergencies, and do's and don't's in the case of medical emergencies. At the end of the training, the management of the Global Hospital issued certificates to the students.



5. Report on Awareness Campaign on “Fuel Conservation”

In an attempt to create awareness of the need to conserve oil, Hindustan Petroleum Corporation Limited organized an awareness campaign on 13th February, 2019 at Aurora’s Auditorium, Chikkadpalli. The event was a part of “Sakshyam”, of Petroleum Conservation Limited. This programme was aimed at creating awareness about the importance of conserving petroleum products and using them judiciously. Officials from HPCL, Ms. Chandrakala, Social activity co-ordinator and members of Social Activity Cell, students of UG & PG participated in the programme. The keynotespeaker G. Harihara Iyer, FIE, FCC, MMGI stressed the need to conserve petroleum products, keeping in view the increase in demand due to increase in the number of vehicles. Fuel consumption increases as people are not aware of ways to reduce the use of fuel, he said. Small tips can save a lot of fuel, saving precious foreign reserves, he said. He spoke to fleet operators and gathered 15 suggestions for better fuel economy and best practices that you can implement in your fleet right away. They are:

1. Avoid Long Idling

The worst mileage a vehicle can get is zero mpg, which occurs when it idles. Idling for long periods of time, whether at a railroad crossing or pulling off the road to make a cell phone call, consumes gas that could be saved by simply turning off the engine. Restarting an engine uses about the same amount of gas as idling for 30 seconds. When idling for longer periods of time, shut off the engine.

However, turning off the engine may disable vehicle functions, including safety features like airbags. Drivers should be certain to only utilize this strategy in situations where there is no possibility of collision.

2. Clean Out the Trunk and Eliminate Unnecessary Weight

Vehicles get much better mileage when they’re not loaded with unnecessary weight. Every 200 pounds of additional weight trims one mile off fuel efficiency. Most drivers accumulate material in their vehicle trunks, some of it unnecessary. Instruct drivers to remove all non-required items from the vehicle, such as unneeded tools or materials.

3. Keep Tires Inflated to the Correct Pressure

Buy tire gauges for your drivers so they can ensure tires are inflated to the manufacturer's recommended level. One underinflated tire can cut fuel economy by 2% per pound of pressure below the proper inflation level. One out of four drivers, on average, drives vehicles with one or more underinflated tires. When a tire is underinflated by 4-5 psi below the manufacturer's recommended tire pressure, for example, vehicle fuel consumption increases by 10% and, over the long haul, causes a 15% reduction in tire tread life. Check the vehicle's doorpost sticker for minimum tire inflation pressure.

4. Don't Buy Premium Fuel

Resist the urge to buy higher-octane gas for "premium" performance, unless the vehicle requires it. Octane has nothing to do with gasoline performance; it merely indicates the volatility factor in the combustion chamber. Unless your vehicle owner's manual specifically requires it, don't use premium fuel. Fuel costs could be cut as much as 10 cents per gallon by using regular fuel instead of premium.

5. Encourage Drivers to Observe Posted Speed Limits

This tip may save a life as well as fuel. The Environmental Protection Agency (EPA) estimates a 10% to 15% improvement in fuel economy by driving 55 mph instead of 65 mph.

6. Shop Around for Best Fuel Prices

Check the Web for the best fuel deals. GasBuddy.com is a network of more than 179 city-specific Web sites with gas price information posted by users. Browse this site on a BlackBerry or other PDA to find cheap gas on-the-go.

Use a wholesale club or grocery store. Does your company have a business membership to a warehouse chain such as Costco, Sam's Club, or BJ's Wholesale Club? These wholesale clubs typically offer some of the lowest gas prices in town.

7. Make Drivers Energy Conscious

Similar to turning off the lights in unoccupied rooms at home, drivers should practice energy conservation habits in their vehicles as well. If a vehicle has a trip computer, encourage drivers to use the "instant fuel economy" display to refine driving habits.

8. Use Air Conditioning Sparingly

Use the air conditioner only when needed. The air conditioner puts extra load on the engine, forcing more fuel to be used. An air conditioner is one of the biggest drains on engine power and fuel economy. It can reduce gas consumption 5 to 20 percent, depending on the type of vehicle and the way it is driven. Don't use it as a fan to simply circulate air. If it's just too hot to bear without A/C, keep it set around 72 degrees. Use the vent setting as much as possible.

In addition, parking in the shade increases fuel economy since not as much gas will evaporate when the car is out of the sun. Air conditioning won't need to work as hard to cool down the interior.

9. Conserving cooking fuel:

In everyday use, there are two basic principles for conserving propane: Don't heat larger quantities than you need to, and don't heat things longer than they need to be heated. If you know you're running low on fuel, you can then embrace a third principle: Choose the most energy-efficient menu and cooking method.

10. Encourage Carpooling

Encourage carpooling through incentive programs. Possible incentives include reduced-cost or free parking, preferred parking, or reward programs such as prize drawings.

Employers can help employees form carpools through rideshare organizations, which help potential car-poolers locate others nearby with similar schedules. Visit Rideshare-directory.com for regional programs.

11. Anticipate Traffic Flow

Anticipate traffic conditions and accelerate and decelerate smoothly — it's safer, uses less gas, and reduces brake wear.

In stop-and-go commuter traffic, look two or more vehicles ahead as you keep an eye on the driver in front of you. This enables you to accelerate and decelerate more gradually.

By anticipating a traffic light change, an upcoming stop sign, or the need to slow down for a curve, you can avoid or reduce brake use and save gasoline in the process. Like the "jackrabbit start," the "jackrabbit stop" is also a major contributor to inefficient driving.

12. Avoid Uphill Speed Increases

When climbing a hill, the engine is already working hard to overcome gravity. Pushing it harder by stepping on the gas is simply a waste of fuel.

13. Use Cruise Control During Highway Driving

Unnecessary changes in speed are wasteful. The use of cruise control helps improve fuel economy.

14. Avoid Aggressive Driving

Time studies show that fast starts, weaving in and out of traffic, and accelerating to and from a stop light don't save much time and wear out components such as brakes and tires faster.

Simply limiting quick acceleration and fast braking can increase fuel economy. When accelerating, pretend you have a fresh egg underneath your right foot. A light, steady pressure helps to minimize the amount of fuel consumed and maintain a more moderate and steady speed.

By not driving aggressively, drivers can save up to 20% in fuel economy, advises the EPA.

15. Monitor Preventive Maintenance Schedules

Proper maintenance increases a vehicle's fuel economy. For example, unaligned wheels that fight each other waste fuel. Keep the air filter clean. A dirty filter clogs an engine's air supply, causing a higher fuel-to-air ratio and thereby increasing gasoline consumption. Use good quality, energy-conserving (EC) oils with a viscosity grade consistent with the manual.

After his session there was an interaction session with the students followed by Certificates distribution to the students.

LIST OF THE STUDENT COORDINATORS (NAME , ROLL NO, CLASS & SECTION) :

1. J. Nitish Raj, 1051-17-467-046,
2. D. Dheeraj Kumar, 1051-17-467-025

6. Report on PG students volunteering services in mid-day meal programme with Akshayapatra on 18-02-2019

About Akshayapatra:

Akshayapatra is a non-profit organization that operates on a Public-Private-Partnership model. Implementing partner of the Mid-Day Meal Scheme, there is a steady support from the Government of India, the various State Governments and associated organizations. This has enabled the program to grow from feeding 1,500 children in the year 2000 to 1.4 million children in 2014.

Their vision is **NO CHILD IN INDIA SHALL BE DEPRIVED OF EDUCATION BECAUSE OF HUNGER**

About Mid-day meal program:



In partnership with the Government of India and various State Governments, and inestimable support from many businesses, philanthropic donors and well-wishers; we have grown from our humble beginnings in the year 2000, serving just 1,500 children across 5 schools. Today Akshayapatra is the world's largest (not-for-profit run) mid-day meal program serving wholesome food to over **1.4 million children from 10,845 schools across 10 states in India.**

About our students services:

We started from our college to Zilla Parishad High School, Isnapur village at 9am on 18-02-2019 by a bus. After reaching the school we had a warm welcome from Principal, students and staff members of the school. First we distributed kit consisting of a box with pencil, eraser and scale to all students of strength 320. After that it was already lunch time and we

all had lunch with the students. Few of us helped in serving the meal. We ate white rice, dal, potato curry and a mixed vegetable pickle. After the lunch, we interacted with students in their class rooms by knowing their names, studies, timings, charts pasted on the walls in the classroom. Within know time all school students were assembled at one place where Ms. Chandrakala- Social Activity Coordinator, Ms. Sandhya, Dept of Mathematice and R. Arjun, Dept. of Comp. Sc addressed the gathering on behalf of Aurora's Degree and PG college. Our PG students then organized competitions for the students from 6th to 10th class standard. Program was hosted by Ms. Ravali, M.Sc. (Comp.Sc.) We conducted different competitions like singing, dancing, speech, drawing, quiz, runnin race, volley ball and khabaddi. After the competitions Ms. Chandrakala, Social Activity Co-coordinator gave gifts to all prize winners. We gave Oxford Dictionary, set of sketch pencils, sets of color pencil boxes and pens to all the prize winners. All the kits and prizes were sponsored by **Prof. Lakshmi Manga (Statistics)**

Coordinators:

- **P. Chandrakala, Social Activity Coordinator,**

Student Coordinators:

1. Ms. Ravali, Msc. Comp.Sc, IInd Year
2. B. Rakesh, M.Sc. Mathematics, 1st Year

Prizes and Gifts were sponsored by
Prof. Lakshmi Manga (Statistics)

Competitions conducted by:

- M.Sc. Statistics, 1st year
- M.Sc. Computer science, 1st year
- M.Sc. Mathematics, 1st, 2nd year
- M.Com. 1st year
- M.Sc. Micor-biology

7. KachraDaan, KaroKalyan"

"Do not Waste, Donate your Waste" / "KachraDaan, KaroKalyan" is a citizen driven waste management initiative promoted by Social Activity Cell of Aurora's Degree & Pg College and students volunteers. We welcome our students and their neighbors and our organization to participate in this initiative. This initiative is commenced on 30/3/2019.

Students from M.P.Cs3A were the organizers of this activity. Two days before the activity, a team of 5 students announced in both the blocks to educate the students regarding waste

donations. Various forms of dry waste including paper/books/clothes etc. are donated. **Recyclable** material was given to recyclers and donated clothes, Toys & Books were given to Katuribai Orphanage, Moosarambagh .

Student Co-ordinators are:

1051-16-468-044: G. Chakri Kamal

1051-16-468-049: H. Saicharan

1051-16-468-060: K. Himabindu

1051-16-468-068: K. Pramod Kumar

8.Report on Health Camp by Vijaya Diagnostics

A Health camp was conducted by the Social Activity Cell of Aurora's Degree & PG college on 12th April, 2019 at Block VI for Teaching , Non-teaching staff & local community people. The camp was organized in association with Vijaya Diagnostics, Himayathnagar. As a part of the camp various blood parameters like glucose, BP, Random Blood Sugar, Heart rate, Oxygen Saturation, Body fat percentage, Muscle mass, Bone mass, BMI, Metabolic age, Visceral fat and DCI/BMR were investigated. About 58 staff members and 10 families got their different blood parameters evaluated. The health camp received a good response and was well appreciated by the staff and local community people.

“This camp can help to find problems early, when chances for treatment and cure are better. By getting the right health services, screenings, and treatments, we are taking steps that help our chances of living a longer, healthier life.” Added Mr.Radhakrishna Murthy, Secretary, Prakrithi Apartments.

“I would like to thank for organizing this camp at our doorstep. The initiative would go a long way in building a healthy society,” Mr. Praksah, Resident, Prakrithi Apartments.