

7.3 Institutional Distinctiveness

The institution has been prepared to the educational needs of the most backward, poor and minority sections of society with the best Faculty members and excellent infrastructure. The College was awarded B+ Grade NAAC accreditation in October 2019, the faculty members and administrative staff to give their best which in turn resulted in quality enhancements in the areas of academics, sports and cultural activities. Gender sensitization programs are also seen in the different programs such as lectures/seminars, NSS and YRC units of the college. Rural visits provide additional social exposure to the students. Besides, the NSS unit, Youth Red Cross and other clubs organise several socially relevant programmes like Swatch Bharat, Unnat Bharat Abhiyan, Swachhta, blood donation drives and Environment consciousness measures like Plastic eradication, cleaning ponds in the adopted villages throughout the year. H₁N₁ Virus awareness campaign was also launched through NSS by Issuing Nilavembu kashyam to 600 Hostel Students. Global Pandemic Novel Corona virus (2019- nCoV) Awareness Campaign for the people and children in the adopted villages. Department of physical Education had given them opportunity to actively participate in sports and students were selected in University Team. The college organizes the women empowerment programs for making them confident enough to success through the battle of life. Various eminent and vibrant woman personalities are being invited for the guidance on several issues. The College has a big repository of books, journals, periodicals, rare editions, manuscripts, and videos for the use of all teaching staff and students. All Departments conduct seminars, conferences, workshops, guest lectures and fests for the benefit of the students. The structured induction of the student into the curriculum enables to visualize the career opportunities and the approach towards achieving them. The traditional methods of teaching are enhanced with ICT and other innovative and engaging methods so as to keep the students interested in the topic at hand and to increase the interface in the class. The college has strong norms for discipline and keeps a keen eye on attendance, assignments, submissions and the like. The academic audit conducted annually by the management, promotes a healthy Teaching-Learning atmosphere. Research laboratory and

communication skill laboratory help the faculty to enhance knowledge in the field of English language communication and writing skills. Participative and experiential learning are often used. Sophisticated instruments, software, hands-on trainings, summer-schools, field-visits, industrial visits and training, etc., are employed. Entrepreneurship Development Cell is functioning in the College and the cell encourages the students to start start-ups. There is a fully operation auditorium with Audio-Visual and Wi-Fi facility to hold regular seminars, symposia, cultural activities, film-shows as well as other meetings. The Institute invites learned speakers from the Government, Academia and Alumni to share their knowledge and interact with students and Faculty members

The College encourages research and development activities on Social development.

Some of the social significant models developed by our students:

- RC Based Garbage Collecting Boat. (Participated in the PALS IIT Madras on Feb - 2020).
- Regulation of MTC Bus with Passenger Alert System. (Tamil Nadu state council for Science and Technology awarded Rs.7500/- in Student Project Scheme 2019-20).

RC BASED GARBAGE COLLECTING BOAT

This aim of this project is to design and implement a semi automatic machine that can float on the water body and collects the floating garbage.

A set of batteries that are backed up using solar panel helps in making the entire model eco-friendly. The whole setup consists of a light weight aluminum body that can float on the water. It has a rotating belt in the front that collects the garbage and puts in the dumping area. The entire setup is controlled using a mobile phone that can pass the commands using the Bluetooth technology.

Team Members: Naushad Saheb .K (Team Lead), Wasim Khan. J, Mohamed Shagith. M Rahul.S



Complete Setup



Our participation at the PALS IIT Madras event on February 25th, 2020

REGULATION OF MTC BUS WITH PASSENGER ALERT SYSTEM

This project mainly concerned about a design of reliable hardware model to save fuel, time and avoid unwanted stopping of MTC bus in the Chennai City. This innovative design regulates the bus operating systems with simultaneously notifying the passengers (about arrival of bus) and bus conductor (whether passengers are waiting to board the bus).The bus conductor is notified through ETM (Electronic Ticketing Machine) and passengers are notified through LED notification board with an announcement.

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