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Every Good Work

# SACRED HEART COLLEGE (AUTONOMOUS)

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A Don Bosco Institution of Higher Education, Founded in 1951 \* Affiliated to Thiruvalluvar University, Vellore \* Autonomous since 1987

Accredited by NAAC (4<sup>th</sup> Cycle – under RAF) with CGPA of 3.31 / 4 at 'A+' Grade

**7.1.5 Describe the Green campus initiatives of the institution including Restricted entry of automobiles Use of Bicycles/ Battery powered vehicles, Pedestrian Friendly pathways, Ban on use of Plastic landscaping with trees and plants etc in 500 words.**

### Reports of Green initiative activities on campus

S. No	Green activity on campus	Date
1.	<a href="#">Tree saplings to Trees in buckets</a>	19/07/2018
2.	<a href="#">NAAC peer team visit</a>	28/01/2019 29/01/2019
3.	<a href="#">Tree plantation on campus</a>	16/05/2020 17/05/2020 18/05/2020 20/05/2020
4.	<a href="#">Donation of tree saplings to the locality</a>	25/07/2020
5.	<a href="#">Estimation of Rural Drinking Water Supply in India: A Contingent Valuation Method</a>	26/11/2020 27/11/2020
6.	<a href="#">Workshop cum Focus Group Discussion on Household Carbon Footprint</a>	19/01/2021
7.	<a href="#">Tree plantation by NSS</a>	24/09/2021
8.	<a href="#">Invited talk on need for environmental awareness</a>	15/03/2022
9.	<a href="#">National webinar on the need for separate agriculture budget</a>	29/01/2022
10.	<a href="#">Elephants in Eco system</a>	24/08/2022
11.	<a href="#">Food waste recycling hub</a>	13/10/2022
12.	<a href="#">Disposing Food waste as vermicomposting</a>	13/12/2022
13.	<a href="#">Seed ball Preparation</a>	30/01/2023
14.	<a href="#">Workshop on Bird Watching</a>	11/02/2023
15.	<a href="#">The influence of Imperialism on Environment &amp; Agriculture</a>	07/03/2023
16.	<a href="#">Sowing seed balls</a>	21/03/2023
17.	<a href="#">National Youth Day Celebration</a>	12/01/2021
18.	<a href="#">AICTE women's day celebration</a>	07/03/2022

## 1. Tree saplings to Trees in buckets

Department of Chemistry(Shift I)

19<sup>th</sup>, July, 2018.

The II.BSc Chemistry students as part of their class room activity, decided to grow tree saplings in buckets during the CQC. The idea was to grow up trees to 5ft and then plant them, since grown up trees have a better chance of surviving, while saplings need extra protection from predators and care. The students bought a bucket each and filled it with soil, coir used to reduce water consumption to maintain wetness in the soil. The buckets were placed next to Murphy hostel such that hostel students of the department can water the trees. Along with the trees few bamboos were also placed in buckets to be planted in the locality on a later basis. The event of planting and filling the buckets with mud, manure and coconut coir was coordinated by the students, with support from the class teacher and the Head of the Department, Dr. S, Xavier Rajarathinam.





## 2. NAAC peer team visit

College programme

28th and 29th January, 2019

Sacred Heart College (Autonomous) underwent the 4th Cycle of Reaccreditation by NAAC for the academic year 2013-2018. The Peer Team appointed by NAAC visited the college for two days between 28th and 29th January, 2019. The team verified the documents based on the SSR report submitted on 18th August, 2018. The three member Peer Team consisted Dr. Manimala Das, Former Vice Chancellor, Netaji Subhas Open University (NSOU), Salt Lake City, Kolkata, Dr. Pachauri. J. P. Professor & Head, Dept. of Sociology & Social Work, HNB Garhwal University, Uttarakhand and Dr. G. Valan Arasu, Principal, St. Aloysius College (Autonomous), Madhya Pradesh. The peer team planted tree saplings on the campus.



### 3. Tree plantation on campus

Ecoclub

16<sup>th</sup>, 17<sup>th</sup>, 18<sup>th</sup>, 20<sup>th</sup>, May 2020.

The pandemic had a huge adverse globally, however the optimistic side was flourishing in greenery on a global basis. Students of different forums were involved in regulating the activities, during the lockdown from the college. On campus activities such as tree plantation, adding green cover to campus wasn't stopped. Fig, Jamun, Indian peepal and different varieties of Banyan tree sapling was planted on campus during the pandemic. A few students, staffs under the guidance of Fr. Manilazar, SDB, and Fr. AndrewsRaja, SDB, planted tree saplings on the campus. These trees were sprouted out from cuttings or taken from sprouted seedlings on buildings around the locality, these were grown in buckets, by the students from the Department of Chemistry (Shif-I) during the academic year 2018-19. Around 15 trees were donated volunteers who wanted to plant trees in the villages of the locality. 10 trees were planted on campus. Fr. Manilazar, SDB, and Fr. Andrews Raja, SDB thanked the effort of the students and staff involved in the initiative.









#### 4. Donation of tree saplings to the locality

Department of Chemistry  
25<sup>th</sup>, July, 2020.

The college donated around 15 sapling grown in buckets to the locality, students from the Eco-club and students belonging to the Department of Chemistry(Shift I), donated the trees grown in buckets to the volunteers from villages in the locality. The trees were handed over by Fr. Mani Lazar, SDB, and students.

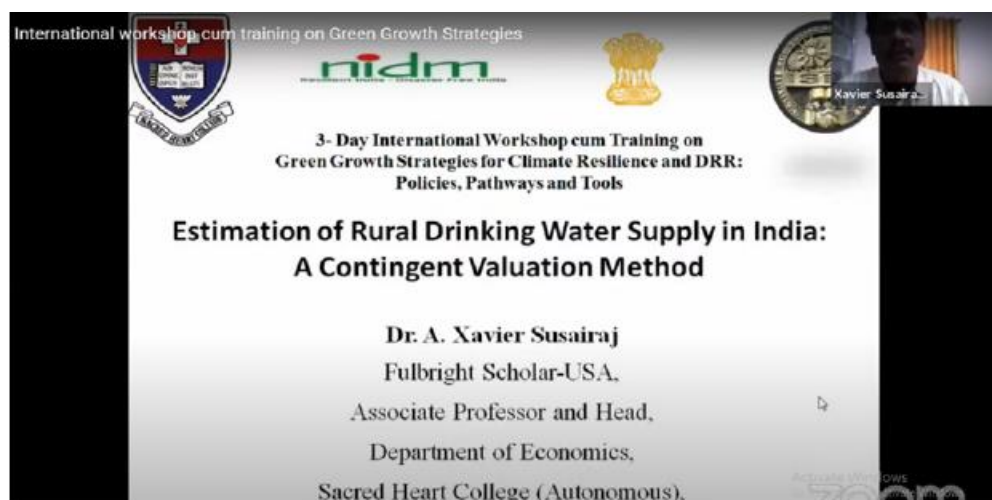


## 5. Estimation of Rural Drinking Water Supply in India: A Contingent Valuation Method

Department of Economics

26<sup>th</sup> & 28<sup>th</sup> November, 2020

Dr. A. Xavier Susairaj, Associate Professor and Head, Department of Economics, Sacred Heart College (Autonomous), Tirupattur delivered a lecture on the title 'Estimation of Rural Drinking Water Supply in India: A Contingent Valuation Method' during the three day International Work-shop cum Training on Green Growth Strategies for Climate Resilience and DRR: Policies, Pathways and Tools. The virtual workshop cum training was organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, New Delhi, Centre for Ecological Economics and Natural Resources (CEENR), Institute for Social and Economic Change, Bangalore between 26th and 28th November, 2020.



## 6. Workshop cum Focus Group Discussion on Household Carbon Footprint

19<sup>th</sup>, January, 2021

The Department of Economics, Sacred Heart College (Autonomous), Tirupattur and The Institute for Social and Economic Change (ISEC), Bangalore jointly organized a Workshop cum Focus Group Discussion titled “Household Carbon Footprint” on 19th January, 2021 at Carreno Hall. Participants from the Department of Economics, Social Work, Self Help Groups and Public attended the workshop. The objective of the work-shop was to comprehend people’s perception and various factors that motivate them to follow eco-friendly path. Dr. A. Xavier Susairaj, Associate Professor and Head PG, Department of Economics, Sacred Heart College delivered the welcome address. Dr. Sunil Nautiyal, Professor and Head, CEENR, ISEC delivered the keynote address on Household Carbon Footprint and its various dimensions. The speaker emphasized on the role of youth to reduce household carbon footprint in day-today life. Dr. J. Jacob Stanley Inbaraj, Head UG, Department of Economics coordinated the programme. Mr. Prem Kumar, Research Scholar, Department of Economics proposed the vote of thanks.





## 7. Tree plantation by NSS

National Service Scheme

24<sup>th</sup>, September, 2021

The NSS day celebration in Sacred Heart College was marked by planting of saplings in the campus. Rev. Dr. Praveen Peter SDB – Vice Principal (Shift I) presided over this function. “Poovarasu” and “Pungan” saplings were planted by the chief guest, programme officers and volunteers jointly.

Speaking on the occasion, Rev. Fr. Praveen Peter SDB urged the students to plant more and more saplings in their villages to make the atmosphere greener and healthier for people to live. Programme officers Dr. M. Antony Arockiasamy and Dr. B. Seenivasan appreciated the efforts of the volunteers and encouraged the students to actively volunteer to help the government and the people in COVID-vaccination related activities.

As per the directions given by Thiruvalluvar University, the saplings were numbered as 2464 and 2465 and wire mesh protection was put in place for the saplings. Student volunteers: T. Poovarasan (AU200246) and Jeff Frederick S (BU201259) were given in charge of caring and monitoring the growth of the saplings. Due to pandemic restrictions only 40 NSS volunteers were permitted to participate in this short function, following all SOPs.

Dr. M. Antony Arockiasamy

NSS Programme Officer

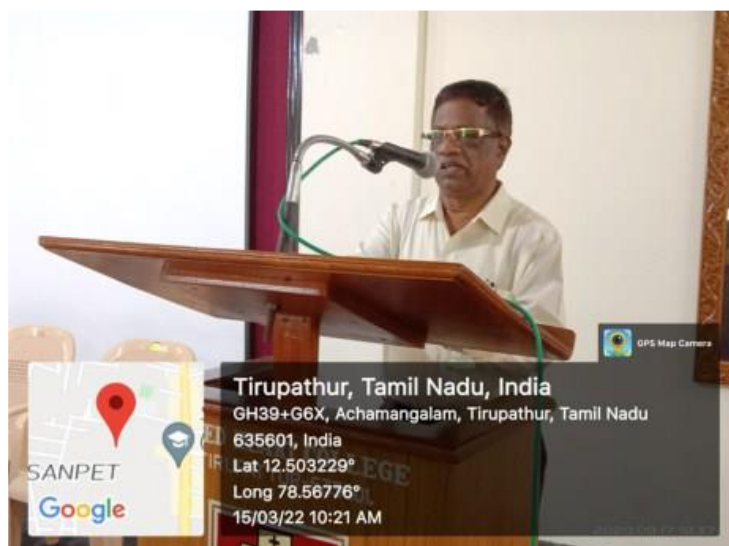


## 8. Invited talk on need for environmental awareness

Eco Club (Shift II)

15<sup>th</sup>, March, 2022

Eco Club (Shift II), Sacred Heart College (Autonomous) organized an invited talk titled „Need for Environmental Awareness” on 15th March, 2022. Dr. Pon Selvakumar, Head, Department of Tamil was the resource person. He addressed the gathering on the inter relationship between nature and its creatures. He listed out various incidents like Thoothukudi Copper Factory, Thanja-vur Gail Project, Neutrino Project and their impacts. Added to this, he also revealed that many animals like „Alungu”, birds, small insects are getting extinct due to too much of mobile usages, current life style and selfishness of human beings. He highly insisted that nature is the human savior. If we start destroying it, we need to face new problems, get new type of diseases, unbalanced climatic conditions, etc.; He concluded his talk with the expectation from the young generation that they.





## 9. National webinar on the need for separate agriculture budget

Department of Economics

29<sup>th</sup>, January, 2022

The P.G & Research Department of Economics, Sacred Heart College (Autonomous), organised the National Webinar titled “The Need for Separate Agriculture Budget” on 29th January, 2022. Dr. J. Jacob Stanley Inbaraj, Head (UG), Department of Economics welcomed the gathering. Dr. R. Gopinath, Senior Scientist, M.S. Swaminath Research Foundation, Chennai was the resource person. In his address he highlighted that agriculture is not just crop culture, it has animal husbandry, bee culture, aquaculture, forestry, hill cultivation and horticulture. Agriculture is in the concurrent list. The union government takes care of research, marketing, education and exports. Farming per se & the extensions are with the states. Dr. A. Royal Edward Williams, Assistant Professor, Department of Economics coordinated the event.



## 10. Elephants in Eco system

Ecoclub-Shift II

24, August, 2022

We the Eco club had organized a program about the Elephants in Eco system, Mr. Praveen kumar, M. Tech, Social activist had created awareness regarding the elephants empire that are helpful in building up and sustained environment. He explained that the South Indian states of Karnataka, Kerala, Tamil Nadu and Andhra Pradesh are home to nearly 44% of the elephants.

Elephant dung is the perfect fertiliser since it's rich in nutrients that allow seeds to germinate and grow. And elephant seed dispersal provides opportunities for plants to colonise new areas, which eventually creates new habitats and food for a range of different animals.





## 11. Food waste recycling hub

Ecoclub-Shift II

13<sup>th</sup>, November, 2022

The Eco club had created Food waste recycling hub in our campus, that created awareness regarding food waste into manure. Exactly after 2 months, the food wastes are completely converted into composite(vermicompostie) using dried leaves and coconut fibres in pot. On 13/12/22, we disposed Food waste as vermicomposting for plants in our college campus.

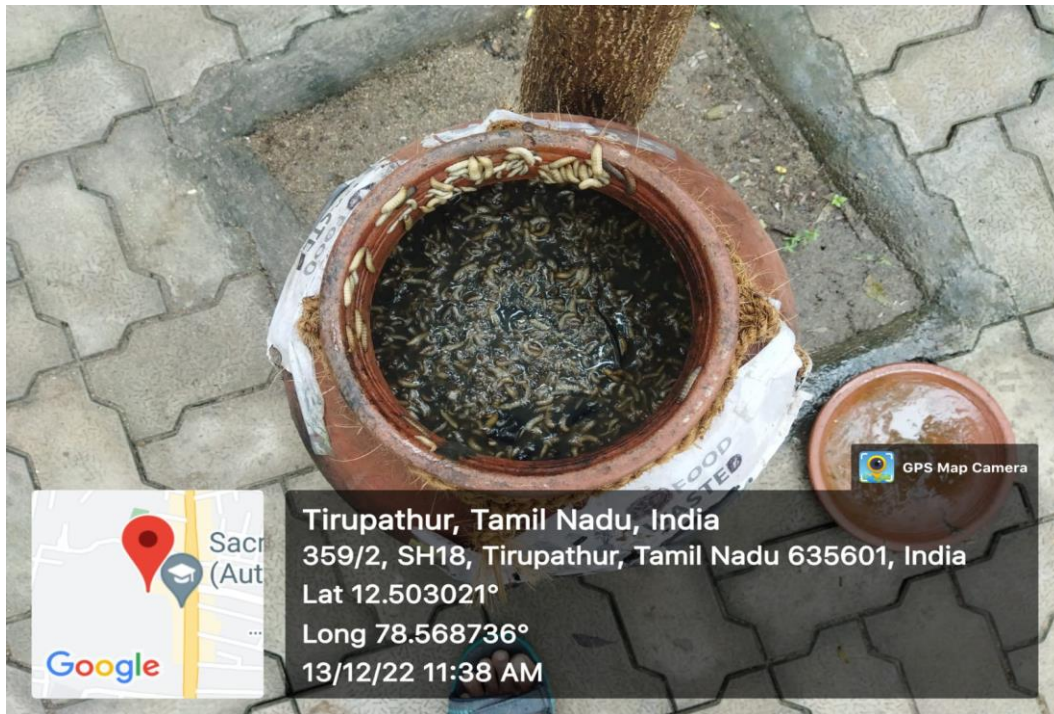


## 12. Disposing Food waste as vermicomposting

Ecoclub-Shift II

13<sup>th</sup>, December, 2022

We the Eco club had created Food waste recycling hub in our campus, that created awareness regarding food waste into manure. Exactly after 2 months, the food wastes are completely converted into composite(vermicompostie) using dried leaves and coconut fibres in pot. On 13/12/22, we disposed Food waste as vermicomposting for plants in our college campus.



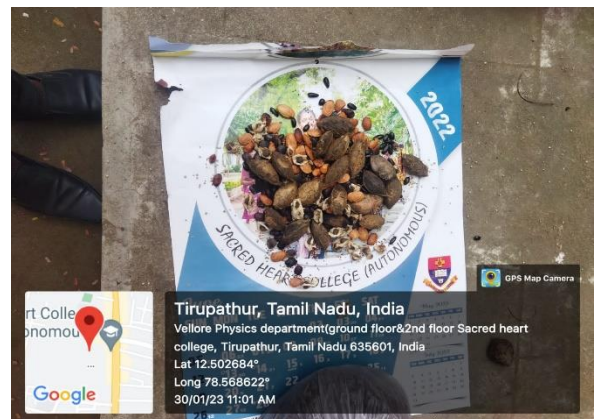


### 13. Seed ball Preparation

Ecoclub-Shift II

30<sup>th</sup>, January, 2023

The Eco club had prepared “Seed ball” in our campus, that created awareness regarding increase in green environment. A seed balls are the mixtures of soil, clay and seeds used to native plants. Seed balls protect the seeds and keep them in one place until they receive enough water to grow.

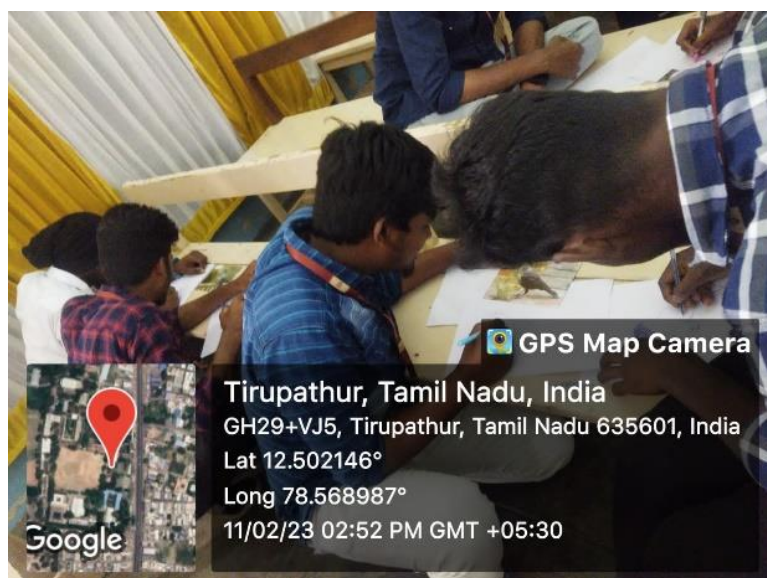


## 14. Workshop on Bird Watching

Don Bosco Green Alliance, PG & Research Department of Social Work, Department of Extension Education and Services, Eco-Club, Sacred Heart College

11<sup>th</sup>, February, 2023

The Workshop on Bird Watching was held on 11th February, 2023. The workshop was jointly organized by Tamil Birders, Don Bosco Green Alliance, PG & Research Department of Social Work, Department of Extension Education and Services, Eco-Club, Sacred Heart College. The workshop aimed to educate the youth on the importance of birds for sustainable environment and the ways to preserve and promote birds. The workshop has created a way for initiating 'Tirupathur Birders Movement'. The sessions were activity based, which included aspects like: life cycle of birds, challenges of birds, knowing the types of birds, methods to identify birds' existence, techniques to document the data and photos of birds and online portals for data driven bird count. Rev.Fr. John Alexander, Rector and Secretary, Rev. Fr, Andrews Raja, Head, P.G & Research Dept. of Social Work, Rev.Fr. Henry Daniel Ambrose, Director, Department of Extension Education and Services were present and inaugurated the workshop. Rev. Dr. John Alexander highlighted the initiatives of Sacred Heart College to educate youth to love and care for the nature. Dr. P. Jega-nathan, Ms. Angeline Mano, Mr. S. V. Ganeshwar, Ms. V. Kirubhanandhini, Mr. K. Selvaganesh and Mr. Siva-kumar from Tamil Birders served as resource persons. About 126 youth actively participated. Dr. Jude Vimal Michael, Dr. Arockiaraj, Mr. Mario Leo Joseph and Ms. Thenmozhi coordinated the workshop.







## 15. The influence of Imperialism on Environment & Agriculture

Department of Chemistry(Shift I) & Tamil (Shift II)

07<sup>th</sup>, March, 2023

### “பன்னாட்டு முதலாளித்துவம் - சூழலியல் - வேளாண்மை”



The Department of Chemistry in collaboration with the Department of Tamil (Shift II) & Department of Social Work organized the Lecture titled “பன்னாட்டு முதலாளித்துவம் - சூழலியல் - வேளாண்மை” on 7th March, 2023. The resource person was V. Nakkeran, Environmentalist & M. Pamayan, Agricultural Scientist. Dr. S. Xavier Rajarathinam, Head, Department of Chemistry, welcomed the gathering, he expressed the younger generation

should possess good conscientious knowledge about the world they live in. Dr. Muthaiyan. N, Assistant Professor, Department of Tamil (Shift 2), introduced the chief guest. Dr. Balasubramaniam. P, Head, Department of Tamil (Shift II), made a special address where he spoke on the books “காடோடி” and “திணையியல் கோட்பாடு” being part of the syllabus in the Department of Tamil (Shift 2), he also expressed that this moment of having V. Nakkeeran and M. Pamayan was very special.

Environmentalist V. Nakkeran spoke on the richness of the rain forests in India. Nature is simpler than we think and we complicate the concepts of nature extravagantly. He spoke that to his curiosity, he found the younger generation possessed great interest towards understanding the working of the nature we are a part off. M. Pamayan, Agricultural Scientist, addressed the gathering following Mr. V. Nakkeeran spoke on how we could differentiate native seeds, hybrid seeds, the use of natural manure, chemical fertilizers & how the fertilizers impact the soil in-turn the crops, and how the fertilizers are contributing to converting native crops into cash crops by spoiling the fertility of soil. Mario Leo Joseph. J, Assistant Professor. Department of Chemistry (Shift I) proposed the vote of thanks.

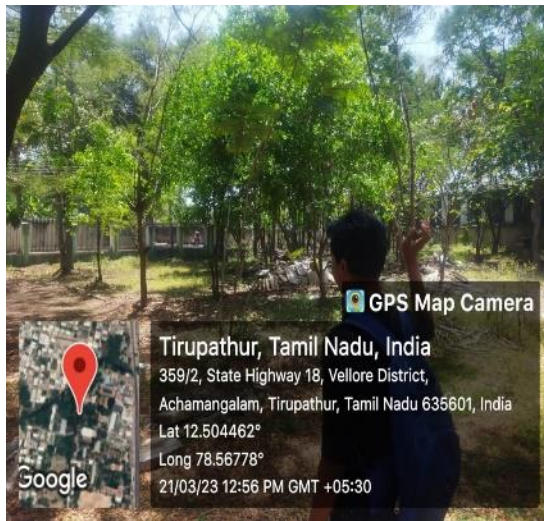


## 16. Sowing seed balls

Ecoclub-Shift II

21<sup>st</sup>, March, 2023.

We the Eco club had prepared “Seed ball” in our campus, that created awareness regarding increase in green environment. A seed balls are the mixtures of soil, clay and seeds used to native plants. Seed balls protect the seeds and keep them in one place until they receive enough water to grow. We sowed few seed balls around the campus and each students sowed 2 seed balls in their own native also.



## 17. National Youth Day Celebration

Department of Social Work

12<sup>th</sup>, January, 2021.

The Department of Social Work, Sacred Heart College (Autonomous), Tirupattur celebrated National Youth Day on 12th January, 2021 in the premises of the campus. National Youth Day is observed every year to commemorate the birth anniversary of Swami Vivekananda. The celebration was coordinated by Rev. Fr.S. Henry Daniel Am-brose, Assistant Professor, Department of Social Work. The theme for the year 2021 is “Channelizing Youth Power for National Building”. Based on this theme the social work trainees formulated the sub theme “உழவர ாடு உலகை உருவாக்குரவோம்”. The programme had 10 minutes of street play and a song on Go Green Grow Green emphasizing the farmer’s struggles and importance of going green. As a part of the activity, there was digital projection of youth motivation thoughts, inauguration of adopt a tree project stall, flash mob and tree plantation. Rev. Dr. John Alexander, Secretary & Rector, Rev. Dr. D. Maria Antony Raj, Principal, Rev. Dr. K.A. Maria Arokiaraj, Additional Principal and Rev. Dr. Gandhi Kallarasan, Administrator graced the occasion. About 350 students took part in the celebration. The programme concluded with tree plantation by Rev. Dr. K.A. Maria Arokiaraj, Additional Principal (Shift II). The primary aim of the celebration was to sensitize the students about the philosophies, principles and ideas and the struggles of the farmers in the society in the present situation.





## 18. AICTE women's day celebration

AICTE Women's cell

7<sup>th</sup>, March, 2022

The International Women's Day - a gesture of celebrating the womanhood worldwide was celebrated by the AICTE women cell on 7<sup>th</sup> March, 2022. Events like: Flash mob, Signature campaign, Programme for women, Seed ball making were conducted. The programme was initiated by Rev.Dr.D.Maria Antony Raj, Principal & Director, PG Department of Business Administration. Rev.Dr. Angelo Joseph motivated the students for taking up the initiative and encouraged them. Dr. S. Sasi Kumar, Head, PG Department of Business Administration and Dr. A. George Louis Raja, Head, PG Department of Computer Application also wished the students for the same. The flash mob took place in five different places of Tirupattur. The town police gave protection to the students throughout the programme and helped the students in executing their plan. The second part of the programme was signature campaign with an idea of making both men and women students of the college to take up pledge relating to women equity. The third part of the programme was for the women folks of the college. The programme was conducted in an informal way accommodating space for the AICTE women to exhibit their various talents. Games and activities were conducted under the guidance of Dr.R.Arockiamary and Dr.Saravana Priya. The programme created vibes among the students and made their celebration meaningful. At the end, the women were involved in seed ball making as an initiative to disseminate the message on the importance of eco friendliness and going green, among the public.

