

JAMAL MOHAMED COLLEGE (Autonomous)

Affiliated to Bharathidasan University
Tiruchirappalli - 620 020



GREEN CAMPUS INITIATIVES OF STUDENTS' ExNoRA

(2017-2022)



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CHAPTER -I

PREAMBLE

A Green Campus is a place where environmental friendly practices and education combine to promote sustainable and eco-friendly practices in the campus. The green campus concept offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of the mankind.

Greening the campus is all about sweeping away wasteful inefficiencies and correct disposal handling, purchase of environment friendly supplies and effective recycling program.

Major Green campus Initiatives of EXNORA inside and outside college campus:

Green Campus Programmes: On Campus

- Awareness programme on Praise and Preserve Mother Nature
- Awareness programme on Tree plantations
- Massive rally on “NO to plastics“
- ExNoRa Tree plantation ‘One Student One Tree’
- National Pollution Control Day(Environmental Pollution awareness programme)
- NoVehicle Day Programme

Green Campus Programmes: Off Campus

- World Environmental Day Celebration
- Students’ ExNoRA Marakkandru Nadum Vila (Tree Plantation Activity)
(In Various Villages and by Many Government Organization)
- Awareness Rally on Adverse Effects & Say No To single UsePlastics

CHAPTER –II

2.1 INTRODUCTION TO THE CRITERION

A Green Campus is a place where environmental-friendly practices and education combine to promote sustainable and eco-friendly practices in the campus. The green campus concept offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of the mankind. In Jamal Mohamed College, we practice and maintain the following criteria and policies to make it a pollution free, energy saving green campus.

1.Landscaping with trees and plants

- As per the green practices in the campus is moving in the direction of a Green Institution through the efforts of Exnora students planting more trees within and outside the campus.
- Medicinal plants and fruit bearings plants and trees have been planted to clean the atmosphere

2.Pedestrian-friendly pathways

- Jamal Mohamed College campus follows the Pedestrian-friendly pathways in all the buildings.
- Pedestrian-friendly pathways are properly marked with suitable logo/sign.

3.Ban on use of Plastic

- The college continuously committed to work towards plastic-free campus.
- In Jamal Mohamed College campus, there is complete ban on single-use plastics in class room, labscanteens in the institution's premises and hostels.
- Every club uses the silver tumblers in the meetings.

4.Fixation of environmental awareness foamboards:

Our Exnora club fixed the foam boards in our colleges campus. These boards created importance of tree plantation, impacts of plastics, recycling of plastics and safe free environment.

5.In Hostel:

In Hostel, we do not use the milk pockets

2.2 Landscaping with trees and plants:

Green Landscaping with Trees and Plants – the campus is beautifully landscaped. Plantation of around 1000 plants has been done including a number of exotic plants. An active ExNoRA club ensures the organization of tree plantation on World Environment Day, College level Green Festiva and various awareness programs & events every year. A rich variety of flora and fauna predominates the natural landscape of the campus. Exotic fruit trees are also planted in the campus.



2.3 Pedestrian-friendly pathways



2.4 Ban on use of Plastic



2.5 Fixation of environmental awareness foam boards:



CHAPTER -III

BENEFITS OF THE GREEN-CAMPUS

Benefits to the Environment	Benefits to Institute
<ul style="list-style-type: none"> • Environmental impacts of the Campus are quantified so targets and performance indicators • Improves waste management • Decreases resource use • Improves management of environmental Aspects 	<ul style="list-style-type: none"> • Forum for university management, academic staff and students to meet and Create a more balanced campus community • Encourages innovation and change • Prevents and reduces environmental Impacts • Reduces associated costs • Good publicity
Benefits to Students and Learning	Benefits to Local and Wider Community
<ul style="list-style-type: none"> • Improves learning outcomes • Research skills (developing an action plan, investigation, setting targets, monitoring progress and reporting progress) representatives • Transferable skills to workplace: communication, facilitation, teamwork, committee servicing • Introduction to new topics • Curriculum links: using data currently generated, investigative research, problem based research 	<ul style="list-style-type: none"> • Sets an example in the locality • Shares experience and best practice • Involves local groups and Links to other An Taisce programmes <ul style="list-style-type: none"> - Clean Coast - Green Home - Green Schools - National Spring Clean - Greening Communities • Reduces waste generated, travel impact etc. in community • Institute becomes a better neighbour

CHAPTER –IV

GREEN CAMPUS PROGRAMMES : ON CAMPUS

1.Awareness programme on Praise and Preserve Mother Nature

Date of the activity : 24.01.2018

Report of the activity:

A one day awareness programme on Praise and Preserve Mother Nature was conducted 24.01.2018. Dr.Aneez Ahamed Associate Professor, Department of Zoology, welcomed the gathering. **Mr. P. Mohan**, International HR Trainer and Social Scientist, State Member – TN Commission for Child Rights, Govt. of Tamil Nadu. Founder-Youth ExNoRa International Tamil Nadu, Trichy. spoke on the importance of nature and environmental problems. 100 students volunteers participated.

Evidence of the activity :



2.Name of the activity : Awareness programme on Tree plantation

Date of the activity : 19-09-2018

Report of the activity :

Inauguration and Installation of ExNoRa club was conducted on **19/09/2018**. Dr. N. Packialakshmi, Assistant Professor, Department of Microbiology, the welcomed the gathering. **Mr. P. Mohan**, International HR Trainer and Social Scientist, State Member – TN Commission for Child Rights, Govt. of Tamil Nadu. Founder-Youth ExNoRa International Tamil Nadu, Trichy. spoke about threats posed by the usage of plastics for both Individual and environment and motivated the student on Afforestation. He also explained the moto of ExNoRa Excellent Novel Radical The former staff Advisors and PSTS were honored and the current PSTS and the Deputy PSTS were introduced and congratulated to keep up the footprints of the seniors



3.Name of the activity: Massive rally on “NO to plastics

Date of the activity : 12-01-2019

Report of the activity :

A Massive Rally on “NO to Plastics” was organised by ExNoRa club of JMC on 12/01/2019. Dr.S.MohamedSalique, HOD of Biotechnology & Microbiology, Major **N.Abdul Ali Part-V Co.ordinator** and Dr.M.Aneez Mohamed, staff advisor Gender and ExNoRa club(Men) addressed the gathering. During the rally Cloth bags were distributed throughout the campus to create a social awareness about the demerits of plastic usage.

Evidence of the activity:



4.Name of the activity : ExNoRa Tree plantation One Student One Tree

Date of the activity : 25-9-2019

Report of the activity:

Sapling plantation was done by Our exnora Students in our college campus on 25.09.2019. They planted the saplings to protect conservation . They have learned the art of planting more trees and its importance.

Evidence of the activity



5.Name of the activity : No Vehicle Day Programme

Dates of the activity : 7-2-2020 to 9-2-2020

Report of the activity:

No Vehicle Day Programme was organised by our Jamal Mohamed ExNoRa students and Bishop Heber College students collaborated on 7th February to 9th February 2020. The No Vehicle Day initiative in the city comes on the heels of odd –even road rationingscheme implemented by the Government in early to reduce pollution level and traffic congestion. People shouldfollow traffic rules and learn to park their vehicles properly to solve most of the traffic problems.

Evidence of the activity :



DEPARTMENT OF ENVIRONMENTAL SCIENCES
BISHOP HEBER COLLEGE (AUTONOMOUS)
 (Nationally Reaccredited with 'A' Grade by NAAC with a CGPA of 3.58 on a 4)
 (Recognised as "College with Potential for Excellence" by UGC)
 (Affiliated to Bharathidasan University)
 Tiruchirappalli - 620 017, Tamilnadu



Prof. A. Alagappa Moses
 Associate Professor and Head

Air Quality Monitoring Results
Jamal Mohammed College
Table:1 Air quality monitoring results

Date	No. of Vehicles entered	CO (mg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	PM ₁₀ (µg/m ³)	AQI	Noise in dB (A)
							L _{eq}
07.02.2020	1432	1.14	0.02	0.01	83.35	83	59
08.02.2020	15	1.14	0.01	0.01	34.59	57	58
10.02.2020	1400	1.14	0.03	0.01	95.38	95	62

Table: 2 Proposed Breakpoints for AQI Scale 0-500

AQI Category (Range)	PM ₁₀ (µg/m ³) (24 hr)	NO ₂ (µg/m ³) (24 hr)	CO (mg/m ³) (8 hr)	SO ₂ (µg/m ³) (24 hr)
Good (0-50)	0-50	0-40	0-1.0	0-40
Satisfactory (51-100)	51-100	41-80	1.1-20	41-80
Moderately polluted (101-200)	101-250	81-180	2.1-10	81-380
Poor (201-300)	251-350	181-280	10-17	381-800
Very poor (301-400)	351- 430	281-400	17-34	801-1600
Severe (400-500)	430+	400+	34+	1600+

- The air quality parameters are within the standards both during normal days and during "No Vehicle day".
- However PM₁₀ value was about 60% lower on "No Vehicle day".
- Noise levels exceeded the standards on all days.

Dr. R. TENESON
 Assistant Professor
 Department of Environmental Sciences
 Bishop Heber College (Autonomous)
 Tiruchirappalli - 620 017, Tamil Nadu, India

Dr. C. RAVICHANDRAN
 Associate Professor & UG Head
 Department of Environmental Sciences
 Bishop Heber College
 Tiruchirappalli - 620017

Prof. A. ALAGAPPA MOSES
 Associate Professor & Head
 Department of Environmental Sciences
 BISHOP HEBER COLLEGE (Autonomous),
 Tiruchirappalli - 620 017.

6.Name of the activity : Environmental pollution awareness programme

Organising unit/ agency/ collaborating agency : Jamal Mohamed College (Autonomous)
Tiruchirappalli-620 020

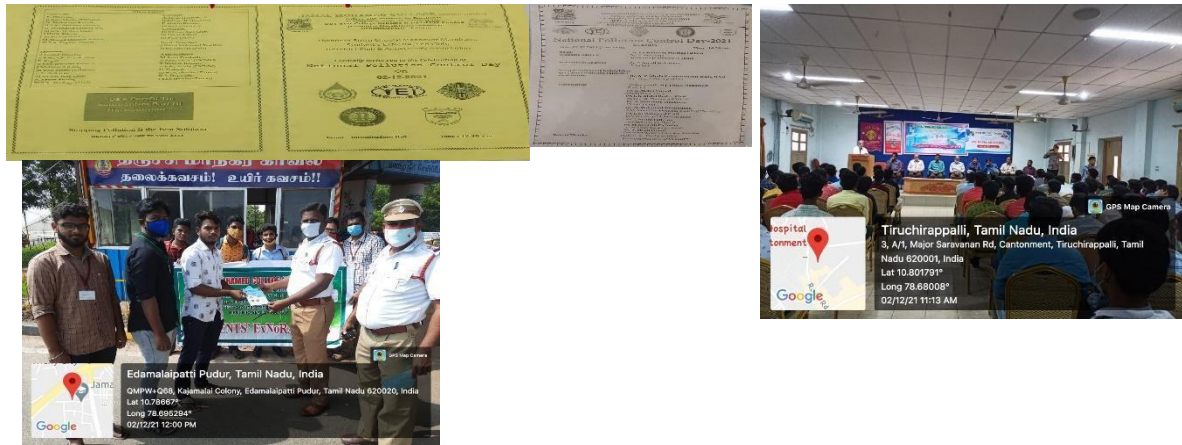
Name of the scheme : Celebration of National Pollution Control Day
Year of the activity :02.12.2021

Number of students participated in such activities: 150

Report:

National Pollution Control Day was organised by Students' ExNoRa club, Thanneer Sutru Choolal Manavar Mandram, Leo club, Rotaract Club and Anti Dowry Association of Jamal Mohamed College(Autonomous), Tiruchirappali on 02.12.2021

Evidence:



7.Name of the activity : Environmental pollution awareness programme

**Organising unit/ agency/ collaborating agency : Jamal Mohamed College (Autonomous)
Tiruchirappalli-620 020**

Name of the scheme : Celebration of National Pollution Control Day

Year of the activity :02.12.2021

Number of students participated in such activities: 366

Report:

National Pollution Control Day was organised by Students' ExNoRa club, Thanneer Sutru Choolal Manavar Mandram, Leo club, Rotaract Club and Anti Dowry Association of Jamal Mohamed College(Autonomous), Tiruchirappalli on 02.12.2021

Evidence:



8.Name of the activity : No Vehicle Day Programme

Date of the activity : 19-01-2023 to 21-01-2023

No. of Participants: Around 10,000

Report of the activity:

"No Vehicle Day Programme" was organised by our Jamal Mohamed ExNoRa students from 19th January to 21st January 2023.

The No Vehicle Day initiative in the city comes on the heels of odd –even road rationing scheme implemented by the Government in early to reduce pollution level and traffic congestion. Exnora students created an awareness to the People to follow the traffic rules and learn to park their vehicles properly to solve most of the traffic problems.



Department of Environmental Sciences
Bishop Heber College (Autonomous)
Tiruchirappalli - 620 017

Prof. A. Alagappa Moses
Associate Professor & Head
Vice-Principal (Acad. Section)

AIR QUALITY MONITORING RESULTS
Jamal Mohamed College, Tiruchirappalli

Table 1: Air Quality Monitoring Results

Date	NO. of Vehicles Entered	CO (mg/m ³) (24 hr)	NO ₂ (µg/m ³) (24 hr)	PM ₁₀ (µg/m ³) (24 hr)	PM _{2.5} (µg/m ³) (24 hr)	AQI	Noise in dB(A) Less
19.01.2023	1800	1.15	5.93	161.15	0.55	141	70.40
20.01.2023	1670	1.15	6.37	175.23	0.83	150	83.10
21.01.2023 No Drive Day	05	1.15	3.64	99.53	0.24	100	57.53

Table 2: Proposed Breakpoints for AQI Scale 0-500

AQI Category (Range)	PM ₁₀ (µg/m ³) (24 hr)	PM _{2.5} (µg/m ³) (24 hr)	NO ₂ (µg/m ³) (8 hr)	CO (mg/m ³) (8 hr)
Good (0-50)	0-50	0-30	0-40	0-1.0
Satisfactory (51-100)	51-100	31-60	41-80	1.1-20
Moderately polluted (101-200)	101-250	61-90	81-160	2.1-10
Poor (201-300)	251-350	91-120	161-280	12-24
Very poor (301-400)	351-430	121-250	281-460	12-34
Severe (400-500)	430+	250+	460+	34+

Source: Central Pollution Control Board

Note:

- The air quality parameters CO, NO₂ and PM_{2.5} are well within the standards.
- PM₁₀ exceeded the standards on Normal Days and within the standards on "No Drive Day".
- Concentration of all pollutants reduced considerably on "No Drive Day".
- AQI (Air Quality Index) indicated "Moderately Polluted" during "Normal Days".
- AQI indicated "Satisfactory" on "No Drive Day".
- Noise levels exceeded the standards in all the days.

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Dr. C. RAVICHANDRAN
Associate Professor & US Coordinator
Department of Environmental Sciences
Bishop Heber College
Tiruchirappalli - 620 017

Prof. A. ALAGAPPA MOSES
Associate Professor & Head
Department of Environmental Sciences
BISHOP HEBER COLLEGE (Autonomous)
Tiruchirappalli - 620 017

For circulation among all the Staff and Students

JAMAL MOHAMED COLLEGE (Autonomous)
Accredited (3rd Cycle) with 'A' Grade by NAAC
(Affiliated to Bharathidasan University)
Tiruchirappalli - 620 020

Centre For Extension Activities / Even Sem. / 2022-2023 / 06

CIRCULAR (MEN & WOMEN)

All our members of the staff and students (both men & women) are informed that our college Students' ExNoRA Club has already planned to organize "NO Vehicle Day" on 19th January 2023. Now, it is postponed to 21st January 2023.

In this connection, all our members of the staff and students (both men & women) are informed not to come on their vehicle on that day. They are also requested to use Bicycle or public transport on that day to minimize the pollution.

Tiruchirappalli - 20
18.01.2023

COORDINATOR

PRINCIPAL

9.Name of the activity : No Vehicle Day Programme

Date of the activity : 19-01-2023 to 21-01-2023

No. of Participants: Around 10,000

Report of the activity:

"No Vehicle Day Programme" was organised by our Jamal Mohamed ExNoRa students from 19th January to 21st January 2023.

The No Vehicle Day initiative in the city comes on the heels of odd –even road rationing scheme implemented by the Government in early to reduce pollution level and traffic congestion. Exnora students created an awareness to the People to follow the traffic rules and learn to park their vehicles properly to solve most of the traffic problems.





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(Autonomous)
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 (Affiliated to Bharathidasan University)
 TIRUCHIRAPPALLI - 620 020



Cordially invites you to the participation of
"No Vehicle Day"
 organized by
Students' ExNoRa

Date & Time: 21-01-2023 (Saturday) at 1:30 pm. Venue : Jamal Mohamed College
 in the august presence of

Janab. M. J. Jamal Mohamed Bilal President	Dr.A.K.Khaja Nazeemudeen, D.Litt., (USA) Secretary & Correspondent
Hajee. M. J. Jamal Mohamed Treasurer	Dr. K. Abdus Samad Assistant Secretary

Dr. S. Ismail Mohideen
Principal

Dr. K. N. Abdul Kader Nihal
Member & Honorary Director
Dr. A. Mohamed Ibraheem
Vice-Principal
Ms. J. Hajira Fathima
Director - Women Hostel
Dr. S. Nagoor Gani
Coordinator, Khajamian Hostel

Dr. K. N. Mohamed Fazil
Director - Hostel Administration
Dr. M. Mohamed Sihabudeen
Additional Vice-Principal
Dr.K.Halimunisha
Co-ordinator part-V Extension Activities
Mrs.J.SABNA ASHMI
Staff advisor Student exnora

Office Bearers

President K. Sandhya II & Com	Secretary S.Faraha II & Com	Joint Secretary M. Jyothsna Nazeem II & Com	Treasurer N.Fathima II BIC
Administrator S. Naveetha Fathima II B&	Vice president M. Parveen Sana II & Com	Administrator M. Roobika Nabeeth II & Com	Joint Treasurer A. Ansha II & Com

Hearty Welcome To You All !!!



CHAPTER -V

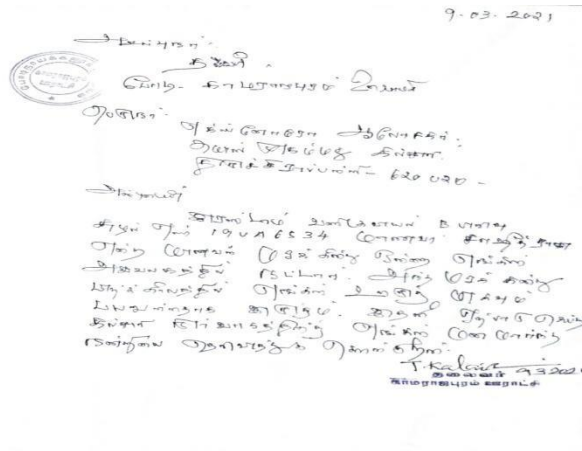
Green Campus Programmes : Off Campus

1.Name of the Event : Student' S Exnora “Marakandru nadum vila” (Tree Plantation)

Date of the Event : 09.03.2021

S.Sahith Raja II B.Com “B” (Roll No 19UA6534) initiated and encouraged tree plantation activity at Kamarajapuram Panchayath,Bodi on 09.03.2021,

Evidence of the event :

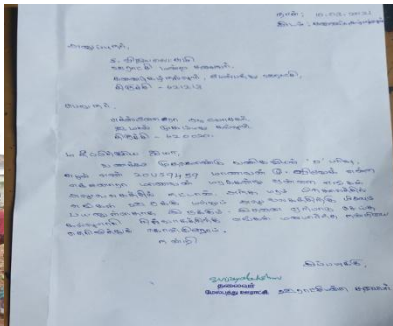


2.Name of the Event : Student' S Exnora “Marakandru nadum vila” (Tree Plantation)

Date of the Event : 10.03.2021

M.Vivek I B.Com “D”(Roll No 20US9459) involved in tree plantation activity at Sunaipugal Nallur, Melpathu Panchayath Tiruchirappalli District on 10.03.2021

Evidence of the event :

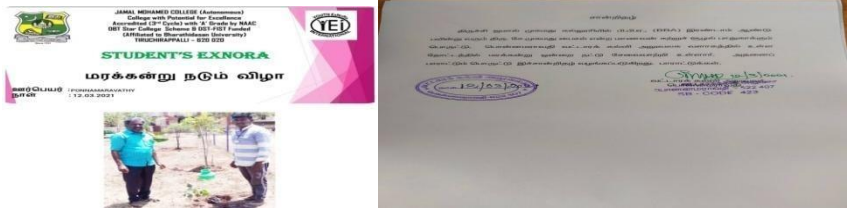


3.Name of the Event : Student' S Exnora “Marakandru nadum vila” (Tree Plantation)

Date of the Event : 12.03.2021

Report of the Event :

S. Mohamed Faisal II BBA “B” (19US18549 BBA) involved tree plantation at District educational office , Ponnamaravathy on 12.03.2021



4.Name of the activity : Tree plantation

Organising unit/ agency/ collaborating agency : Jamal Mohamed College (Autonomous)
Tiruchirappalli-620 020 And

Labbaikudikadu

Name of the scheme : World Environmental day

Year of the activity : 05.06.2021

Number of students participated in such activities : 01

Report: M.Mohamed Shadir I BA Arabic (Roll No 20UAR022) involved in tree plantation activity and celebrate the World Environmental Day at Labbaikudikadu on 05.06.2021



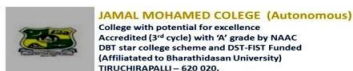
5.Name of the activity : Tree plantation

Organising unit/ agency/ collaborating agency : Jamal Mohamed College (Autonomous)
Tiruchirappalli-620 020 and Vadakadu

Name of the scheme : World Environmental day

Year of the activity : 05.06.2021 Number of students participated in such activities : 01

Evidence:



**World Environment Day
STUDENT'S EXNORA**

PLACE: Vadakadu
DATE: 05-06-2021

NAME: A.Gunasuriyar
ROLLNO: 20UA1127



Report: A.Gunasuriyar. I BA Arabic (Roll No 20UA1127) celebrated World Environmental Day and planted saplings at vadakadu on 05.06.2021.

6.Name of the activity : Tree plantation

Organising unit/ agency/ collaborating agency : Jamal Mohamed College (Autonomous)
Tiruchirappalli-620 020 and
Tiruchirappalli

Name of the scheme : World Environmental day

Year of the activity : 05.06.2021
Number of students participated in such activities: 01
Evidence:



JAMAL MOHAMED COLLEGE(Autonomous)
College with potential for excellence
Accredited(3rd Cycle) with 'A' grade by NAAC
DBT star college scheme and DST-FIST Funded
(Affiliated to Bharathidasan University)
TIRUCHIRAPPALLI – 620 020

STUDENT'S EXNORA

PLACE : Trichy,
DATE : 05/06/2021

NAME : M.Syedmustaba.
ROLL NO : 20US9847



I planted a neem tree for " WORLD ENVIRONMENT DAY ". It will be useful me in future.

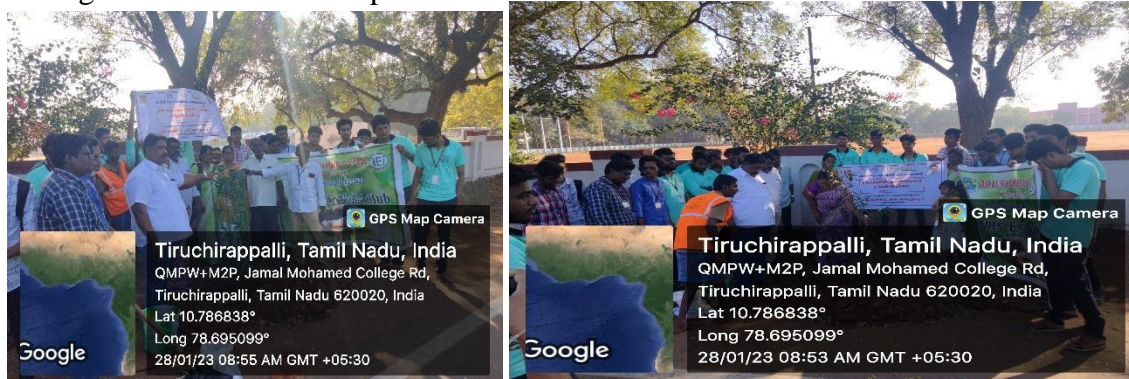
Report: M. Syed Mustaba I BA Arabic (Roll No 20US9847) planted tree and celebrated the World Environmental Day at Tiruchirappalli on 05.06.2021

7. Name of the activity **Tree Plantation activity**

Date of the activity : 28.01.2023

Report of the activity :

Sapling plantation was organized by the Students' ExNoRA in collaboration with Tiruchirappalli city Corporation on 28.01.2023. They planted the saplings to protect conservation . They have learned the art of planting more trees and its importance.



8. Name of the activity: **Awareness Rally on Adverse Effects & Say no to single UsePlastics**

Date of the activity : 12.01.2023

Report of the activity :

"Awareness Rally on Adverse Effects & Say no to single Use Plastics" programme was jointly organized by Thanneer Sutra Choolal Manavar Mandram, ExNoRa club of JMC and Tamilnadu Pollution Control Board , Trichy on 12/01/2023. Dr. A.K. Khaja Nazeemudeen D.Litt, (USA), Secretary and Correspondent, flagged off the rally. During the rally, Cloth bags were distributed in the college campus to create a social awareness about the demerits of plastic usage.

No. of Participants: 200

Evidence of the activity :



JAMAL MOHAMED COLLEGE (Autonomous)
 Approved & vetted with A Grade by UGC
 (Affiliated to Government of Karnataka)
TIRUCHIRAPPALLI - 620020

THANNEER SUTRU CHOOLAI MANAYAR MANDIRAM, STUDENTS EXNORA
TAMIL NADU POLLUTION CONTROL BOARD, TRICHY
 jointly invite you for an Awareness Rally on
ADVERSE EFFECTS & SAY NO TO SINGLE USE PLASTICS

The flag off by
Dr. A.K. KHAJA RAZEERUDEEN, D.Litt. (USA)
 Secretary & Correspondent

In the august presence of

Mr. NEMALAIYANDI, M.E. Joint Chief Environmental Engineer Tamil Nadu Pollution Control Board Trichy Zone Dr. K.V. MOHAMMED FAZIL Director - Hostel Administration Mr. S. SHEIKH ISMAIL Coordinator - Centre for Extension Activities (Men)	Mr. R.GUNASEELAN, M.E., M.B.A. District Environmental Engineer Tamil Nadu Pollution Control Board Trichy District Dr. M.J. JAMAL MOHAMED BELAL Professor Dr. K. N. ABDUL KADER NEHAL Member & Hon. Director Dr. S. ISMAIL MOHDEEN Principal Jamal Mohamed College (Autonomous)
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Presides

Dr. A. MOHAMED IBRAHEEM Vice Principal Dr. K.V. MOHAMMED FAZIL Director - Hostel Administration Mr. S. SHEIKH ISMAIL Coordinator - Centre for Extension Activities (Men)	Dr. S.K. PEREYASAMY Advisor, Student Exnora Dr. M. MOHAMED SHABUDEEN Additional Vice Principal Mr. J. HAJIRA FATHIMA Director - Women Hostel Dr. T. SELVARAJU Advisor - TSCMM
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Date : 12.01.2023 Time : 09.30 a.m. Venue : Gate No. 2 JMC
Rally Route : Gate No.2 JMC - Subramaniapuram - Kesavan Nagar - Gate No. 3 JMC
Heavy Welcome to You All!!



CHAPTER -VI

OUTCOME OF THE CRITERION

- On the successful completion of these programmes, the students will be able to raise awareness about pollution control measures and the prevention of industrial disasters and reduce the number of accidents caused on road
- On the successful completion of these programmes, the students will be able to promote plantation of saplings and encourage the students and the public to promote afforestation and plantation of saplings.
- On the successful completion of these programmes, the students will be able to create awareness on Plastic Free Environment

