SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY
An Autonomous Institution | Approved by AICTE | Affiliated to Anna University | Accredited by NAAC with A++ Grade
Kuniamuthur, Coimbatore – 641008
Phone : (0422)-2678001 (7 Lines) | Email : info@skcet.ac.in | Website : www.skcet.ac.in

SDG 12: Responsible Consumption and Production



SDG 12 focuses on Responsible Consumption and Production, aiming to ensure that consumption and production patterns are sustainable, reduce waste, and minimize negative environmental impacts.

POLICY for SDG 12:

Our Institution, SKCET, worked towards the implementation of SDG 12 by involvement in various activities about shifting towards more sustainable, resource-efficient lifestyles and systems that minimize waste, reduce pollution, and preserve ecosystems, ensuring a more sustainable and equitable future for all.

Event details

- Event: Green Seeds Initiative – Bottles Transformed.
- Date: 23 July 2024.
- Venue: Kurichi Kulam, Sundarapuram, Coimbatore.
- Organiser: Department of Computer Science and Business Systems in association with NSS.
- Theme of the original event: Youth for My Bharat.
- Sustainability reporting theme: Implementing SDG 12.
- Student participation: The earlier activity summary states 80 students; however, the newly uploaded attendance sheets display 35 numbered entries. The report therefore refers to participation through the documented attendance records and flags the count for verification.
- Civic participation included the Deputy Mayor, Corporation Commissioner, Assistant Commissioner and ward representatives.

1. INSTITUTIONAL COMMITMENT TO IMPLEMENTING SDG 12

Sri Krishna College of Engineering and Technology (SKCET), Coimbatore, recognises the importance of translating sustainability principles into practical environmental activities. The institution encourages students to understand environmental challenges and participate in community-oriented initiatives that promote resource conservation, environmental protection and responsible citizenship.

In line with the objectives of SDG 12, the Department of Computer Science and Business Systems, in association with the National Service Scheme (NSS), organised the Green Seeds Initiative: Bottles Transformed at Kurichi Kulam, Sundarapuram, Coimbatore, on 23 July 2024. The programme was organised to create awareness among young people about recycling, upcycling and developing a greener environment.

The central concept of the initiative was to transform discarded plastic bottles into useful planting containers and promote green seeds through innovative reuse. Rather than considering used plastic bottles as materials for disposal, the programme demonstrated how they could be converted into useful resources for environmental purposes.

The initiative represents a practical implementation of SDG 12 because it connects environmental awareness with an actionable waste-reduction activity. It encourages students to understand the importance of extending the useful life of materials, reducing unnecessary consumption and adopting environmentally responsible practices.

The programme was conducted under the broader theme Youth for My Bharat, reinforcing the responsibility of young citizens in building a cleaner, greener and more sustainable India. The participation of civic representatives, students and faculty members further strengthened the community-oriented nature of the programme.

2. OBJECTIVES OF IMPLEMENTING SDG 12

The Green Seeds Initiative was undertaken with the following objectives:

Reduce Plastic Waste: To create awareness about the environmental impacts of discarded plastic bottles and promote practices that reduce plastic waste entering the environment.

Promote Recycling and Upcycling: To demonstrate how used plastic bottles can be transformed into useful products, particularly planting containers, instead of being discarded as waste.

Encourage Responsible Consumption: To sensitise students to the importance of reducing unnecessary consumption, reusing available materials and making environmentally responsible choices.

Promote Resource Conservation: To encourage the efficient utilisation of existing materials and extend their useful life through innovative reuse.

Develop Environmental Awareness: To educate students and community members about the importance of recycling, waste management and maintaining a greener environment.

Encourage Green Practices: To promote planting activities and environmental consciousness through the use of transformed bottles as planting containers.

Strengthen Community Participation: To bring together students, faculty members and civic representatives in implementing environmental sustainability initiatives.

Develop Responsible Citizens: To motivate young people to become active contributors to environmental protection and sustainable development.

3. PRACTICAL IMPLEMENTATION OF RESPONSIBLE CONSUMPTION AND PRODUCTION

The initiative demonstrates the implementation of SDG 12 through the following practical approaches:

A. Plastic Waste Transformation

Discarded plastic bottles were used as the central material for the initiative. Their transformation into planting containers demonstrated that waste materials can be converted into useful resources.

B. Upcycling and Resource Recovery

The programme promoted upcycling as a sustainable alternative to disposal. It demonstrated how materials that would otherwise become waste could be given an extended useful life.

C. Green Seed Promotion

The initiative combined plastic bottle reuse with the promotion of green seeds and planting activities. This integrated approach connected waste reduction with environmental improvement.

D. Environmental Learning through Participation

Students were involved in a practical sustainability activity rather than limiting environmental awareness to theoretical discussions. This approach helped connect the principles of responsible consumption with real-world environmental action.

E. Civic and Institutional Collaboration

The participation of municipal representatives, faculty members and students highlighted the importance of collective responsibility in addressing environmental challenges.

4. STUDENT AND COMMUNITY PARTICIPATION

Student engagement was an important component of the initiative. The Department of Computer Science and Business Systems and the NSS coordinated the programme and facilitated student participation.

The attendance documentation included in the event records provides evidence of student involvement. The programme photographs on page 10 of the uploaded report show active participation by students and faculty members, the involvement of civic representatives and the presentation of transformed bottles and planting activities.

The event was inaugurated by Mr. R. Vetriselvan, Deputy Mayor of Coimbatore, and Mr. Babu, Councillor of Ward 87, along with other civic representatives. The event invitation also records the participation of the Corporation Commissioner, Assistant Commissioner and ward representatives.

The involvement of civic representatives provided an opportunity to strengthen awareness of environmental responsibility at the community level.

The programme demonstrated that environmental sustainability can be effectively promoted when educational institutions, students and local authorities work together.

5. OUTCOMES OF THE INITIATIVE

1. Demonstration of innovative reuse of plastic bottles for growing plants.
2. Promotion of recycling and upcycling awareness among students.
3. Encouragement of environmentally responsible practices.
4. Promotion of green seeds and planting activities.
5. Active participation of students and faculty members in a community-oriented environmental programme.
6. Recognition of student innovation and environmental commitment by civic representatives.
7. Strengthening of institutional-community collaboration towards a greener environment.

6. Environmental Impact

The initiative contributes to environmental protection by promoting the reuse of plastic bottles and encouraging alternatives to immediate disposal.

The transformation of bottles into planting containers demonstrates a practical approach to reducing plastic waste. It also promotes awareness of the importance of resource recovery and environmentally responsible waste management.

The integration of green seeds and planting activities further strengthens the environmental dimension of the programme.

7. Social Impact

The programme encouraged students to recognise that environmental sustainability is a shared responsibility.

The participation of students, faculty members and municipal representatives created an opportunity for collective environmental action. It also strengthened the understanding that small individual actions, when adopted collectively, can contribute to broader environmental improvement.

8. Educational Impact

The programme provided experiential learning opportunities by demonstrating the principles of recycling, reuse and upcycling through practical activities.

Students were encouraged to understand the relationship between consumption patterns, waste generation and environmental sustainability.

The activity also promoted creativity, problem-solving, teamwork and social responsibility.

9. Institutional Impact

The programme demonstrates SKCET's commitment to implementing sustainability principles through NSS and departmental outreach activities.

By conducting an environmental initiative outside the conventional classroom setting, the institution connected academic learning with community service and environmental responsibility.

The participation of civic representatives also strengthened institutional engagement with local environmental concerns.

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DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

21.06.2024

Submitted to the Principal

As a part of the NSS Outreach activity, we have planned to conduct an event "**Green Seeds Initiative: Bottles Transformed**" to create an awareness under the theme "**Youth for My Bharat**" at **Kurichi Kulam**, Sundarapuram, Pollachi main Road on 19.07.2024.The following are the budget estimation for the event.

S.No	Particulars	Amount
1	Honorarium for Guest	Rs.1500 /-
2	Banner	Rs.1000 /-
3	Miscellaneous	Rs.500 /-
	Total	Rs.3000/-

Proposed Expenses Rs. 3000/-(Three Thousand only)

We kindly request you to approve the proposal

In this regard, kindly provide us 1 college bus (60 students-II CSBS) for transportation with two water cans for the students.

Thanking You

Chairperson & Managing Trustee
SRI KRISHNA COLLEGE OF ENGINEERING & TECHNOLOGY
Kuniamuthur, Coimbatore - 641 008

EVENT COORDINATOR

HEAD OF THE DEPARTMENT

Head of The Department
Department of Computer Science and Business Systems,
Sri Krishna College of Engineering and Technology,
Kuniamuthur, Coimbatore - 641 008.

PRINCIPAL

PRINCIPAL
SRI KRISHNA COLLEGE OF ENGG. & TECH.
KUNIAMUTHUR,
COIMBATORE - 641 008.

Dr. RAMESH KUMAR.R
Dean - Computing Sciences
Sri Krishna College of Engineering and Technology
Kuniamuthur, Coimbatore - 641 008.

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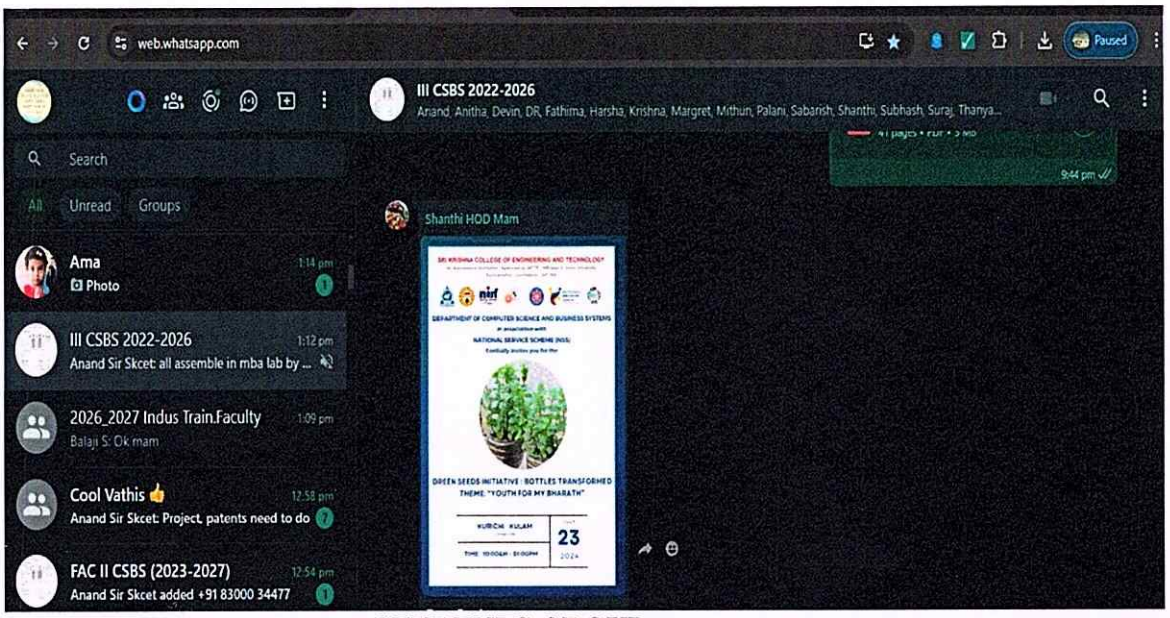
DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS
in association with
NATIONAL SERVICE SCHEME
POSTER DISSEMINATION



NSS / USVA GROUP



STUDENTS GROUP

6/8/24

EVENT CO-ORDINATOR

(A. MARY ANI REKA)
AP/CSBS

6/8/24

HOD -CSBS

Head of The Department
Department of Computer Science and Business Systems,
Sri Krishna College of Engineering and Technology,
Kuniamuthur, Coimbatore - 641 008.

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INSTITUTION'S INNOVATION COUNCIL

DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

in association with

NATIONAL SERVICE SCHEME (NSS)

Cordially invites you for the

GREEN SEEDS INITIATIVE : BOTTLES TRANSFORMED

THEME: "YOUTH FOR MY BHARATH"



CHIEF GUESTS :

MR. M. SIVAGURU PRABHAKARAN, CORPORATION COMMISSIONER, COIMBATORE

MR. R.VETRISELVAN, DEPUTY MAYOR

MRS. DHANALAKSHMI RANGANATHAN, COIMBATORE SOUTH ZONE CHAIRMAN

MR. G.ELANGOVAN, ASSISTANT COMMISSIONER, SOUTH ZONE

SPECIAL GUESTS:

MR. BABU (WARD NO:87)

MR. SENTHIL KUMAR (WARD NO:88)

MR. ELLANSEKARAN (WARD NO:93)

KURICHI KULAM COIMBATORE	JULY **23** 2024
TIME: 10:00AM - 01:00PM	

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DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

CIRCULAR

Ref. No: SKCET/CSBS/2024-25/ODD/01 **16.07.2024**

Department of Computer Science and Business Systems in association with National Service Scheme(NSS) is organizing an awareness program on "**Green Seeds Initiative: Bottles Transformed"** under the theme "Youth for My Bharat" on 23rd July 2024 at Kurichi Lake Ramp, Sundarapuram, Coimbatore. This initiative is to create an insight among the youth about recycling and forming a greener environment.

16/7/24

Event Co-ordinator

A. MARY ANI REKA
AP/CSBS

16/7/24

Head of the Department

Head of the Department
Computer Science and Business Systems
Sri Krishna College of Engineering and Technology
Kuniamuthur, Coimbatore - 641 008.

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DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS
in association with
NATIONAL SERVICE SCHEME
Green Seeds Initiative: Bottles Transformed

ATTENDANCE SHEET

Date : 23.07.2024
Class/Semester: III CSBS / V Sem

S.No	Reg No	Name of the Student	Signature
1	727722EUCB001	AARTHI E	
2	727722EUCB002	ABINANTHAN.K	
3	727722EUCB003	AMIN REX M	
4	727722EUCB004	CHITHAMBARAM J P	
5	727722EUCB005	DEEPESH PRANAV V	
6	727722EUCB006	DEVIN JAMES R	
7	727722EUCB007	DHANUSH M	
8	727722EUCB008	DHANUSH RAM	
9	727722EUCB009	DHANUSH S	
10	727722EUCB010	DHARANESH R	
11	727722EUCB011	DHARANISH K	
12	727722EUCB012	DHATCHAYA R	
13	727722EUCB013	DURAIRAJ S	

23/07/24
Event Coordinator
AP/CSBS

23/7/24
HOD - CSBS

Head of the Department
Computer Science and Business Systems
Sri Krishna College of Engineering and Technology
Kuniamuthur, Coimbatore - 641 008

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14	727722EUCB014	GANI MOLI S	
15	727722EUCB015	GOPALAKRISHNAN M	
16	727722EUCB016	GOWTHAM E	
17	727722EUCB017	HARI KRISHNAN	
18	727722EUCB018	HARSHAVARDHI	
19	727722EUCB019	HARSHITHA V	
20	727722EUCB020	JENNIFER J	
21	727722EUCB021	JOTHI BABU	
22	727722EUCB022	JOTHI PRAKASH C S	
23	727722EUCB023	KARTHIGAIBHAVANI K	
24	727722EUCB024	KAVIN M	
25	727722EUCB025	KAVIYA B	
26	727722EUCB026	KIRUBA	
27	727722EUCB027	LATHIKA R	
28	727722EUCB028	MADHUMITAA B	
29	727722EUCB029	MITHUNVISHAKAN N	
30	727722EUCB030	NIKITA G	
31	727722EUCB031	POORNISHA B	
32	727722EUCB032	PRADEEP M	
33	727722EUCB033	PRANAVARAJ P S	
34	727722EUCB034	PRIYADHARSHINI V	
35	727722EUCB035	RAAJIV P S	

23/7/24

Event Coordinator

AP/CSBS

23/7/24

HOD - CSBS

Head of the Department
Computer Science Business Systems
Sri Krishna College of Engineering and Technology
Kuniamuthur, Coimbatore - 641 008.

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DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

in association with

NATIONAL SERVICE SCHEME

Green Seeds Initiative: Bottles Transformed

FEED BACK FORM FOR PARTICIPANTS

STUDENT NAME : PRIYADHARSHINI V

ROLL NUMBER : 727722EUCB034

CLASS : III - CSBS

EVENT TITLE : GREEN SEEDS INITIATIVE: BOTTLES TRANSFORMED

DATE : 23.07.2024

(Please indicate the level in which your satisfaction to the following parameters.

5-Very Excellent 4-Excellent 3-Good 2-Satisfied 1-Poor)

SL.NO	PARAMETERS	1	2	3	4	5
1.	Organization of Event					✓
2.	Content Relevance and Enjoyment				✓	
3.	Engagement and Participation					✓
4.	Learning Outcomes					✓
6.	Overall Satisfaction					✓
7.	Response to queries					✓

Comments/Suggestions ---------- NIL ----------

V. Priyadharshini 23.07.2024

Signature with Date

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DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

in association with

NATIONAL SERVICE SCHEME

Green Seeds Initiative: Bottles Transformed

FEED BACK FORM FOR PARTICIPANTS

STUDENT NAME : SANGEETHA . K

ROLL NUMBER : 727722EUCB047

CLASS : III - CSBS

EVENT TITLE : GREEN SEEDS INITIATIVE: BOTTLES TRANSFORMED

DATE : 23/07/2024

(Please indicate the level in which your satisfaction to the following parameters.

5-Very Excellent 4-Excellent 3-Good 2-Satisfied 1-Poor)

SL.NO	PARAMETERS	1	2	3	4	5
1.	Organization of Event					✓
2.	Content Relevance and Enjoyment				✓	
3.	Engagement and Participation					✓
4.	Learning Outcomes				✓	
6.	Overall Satisfaction					✓
7.	Response to queries				-	✓

Comments/Suggestions ---NIL---

Signature with Date
23-07-24

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DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS
in association with
NATIONAL SERVICE SCHEME
Event Report

Objective:

The National Service Scheme (NSS) in association with Department of Computer Science and Business Systems, Sri Krishna College of Engineering and Technology organized an awareness program on **"Green Seeds Initiative: Bottles Transformed"** under the theme "**Youth for My Bharat**" on 23rd July 2024 at Kurichi Kulam, Coimbatore.

Event Photo:

The primary goal of this event was to creative environmental initiative to reduce plastic waste and promote Green Seeds through innovative reuse. This initiative is to create an insight among the youth about recycling and forming a greener environment. The "Green Seeds Initiative: Bottles Transformed" is a groundbreaking environmental event organized by the National Service Scheme (NSS) to promote sustainability and eco-consciousness among students and the broader community. The primary objective of the "Bottles Transformed" event is to educate students about the importance of recycling and upcycling waste materials, specifically plastic bottles. The event was conducted as part of the National Service Scheme (NSS) awareness event, which is a community service program aimed at social development and volunteerism.

The event was inaugurated by the esteemed Chief Guests, Mr. R. Vetriselvan, Deputy Mayor, and Mr. Babu, Councillor of Ward 87, who commended the students for their innovative use of bottles to grow plants. Demonstrating their commitment to Coimbatore's journey towards becoming a greener city, the distinguished guests also participated by planting saplings.



Active Participation of Students & Faculty in the Event

Outcome of the event:

The event appears to be a commendable initiative by the SKCET CSBS department by transforming something as ubiquitous as a plastic bottle into a symbol of creativity and sustainability, this event underscores the belief that small actions can lead to significant changes. The participation of both students and faculty members in the Bottle Transformed awareness program suggests a collaborative effort to make a positive impact on the community.

6/8/24

Event Coordinator

(A. MARY ANI REKA)
AP/CSBS.

6/8/24

HOD-CSBS

Head of The Department
Department of Computer Science and Business Systems,
Sri Krishna College of Engineering and Technology,
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