



K.S. RANGASAMY COLLEGE OF ARTS AND SCIENCE
(Autonomous)

K.S.R Kalvi Nagar, Tiruchengode – 637 215
Namakkal Dt, Tamil Nadu, India



Department of Chemistry
Awareness Program

To Solve the problem for reusing plastics into valuable products

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From

Dr.G.Saravanan
Assistant Professor & Head
Department of Chemistry
K.S.Rangasamy College of Arts and Science (Autonomous)
Thiruchengode

To

The Principal
K.S.Rangasamy College of Arts and Science (Autonomous)
Thiruchengode

Respected Sir,

Sub: Seeking permission for a Awareness program-Reg

I hereby bring to your kind notice that our department has planned to conduct a Awareness program on 28.02.2023 at 10.00 am in AC-Gallery. Hence I kindly request you to give permission to conduct the awareness program topic is **"To Solve the problem for reusing plastics into valuable products"** and do the needful.

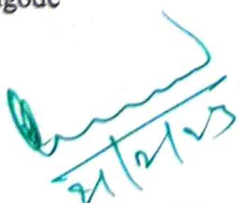
Thanking you

Yours Faithfully

(Dr.G.Saravanan)

Date : 21.02.2023

Place: Tiruchengode


21/2/23

CIRCULAR

21.02.2023

From

Dr.G.Saravanan

Assistant professor & Head,

K.S.Rangasamy College of Arts and Science (Autonomous),

Tiruchengode - 637 215.

To

All the Faculty members and Students,






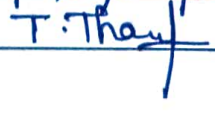
Department of Chemistry,

K.S.Rangasamy College of Arts and Science (Autonomous),

Tiruchengode - 637 215.

Respected Sir,

I hereby bring to your kind attention that our department has planned to conduct a Awareness program on 28.02.2023 at 10.00 am in AC-Gallery. The topic of program should be **"To Solve the problem for reusing plastics into valuable Products"** will presented by Dr.A.Rathinavelu, Assistant Professor & Head, Department of Chemistry, Erode Arts and Science College(Autonomous),Erode.

Year	Class	Class In-charge Sign	Student Sign
I	B. Sc., Chemistry		
II	B. Sc., Chemistry		
III	B. Sc., Chemistry		


HOD 21/2/23

INVITATION

"Plastic Awareness Program"



28th FEB 2022

POLLUTION
EDUCATION
SOLUTION

Organized By

CHEM FLOWERS ASSOCIATION

DEPARTMENT OF CHEMISTRY



CHIEF GUEST : DR.A.RATHANAVELU.

VENUE: An Gallery

ASST. PROFESSOR AND HEAD

ERODE ARTS AND SCIENCE COLLEGE

"WELCOME ALL KINGS & QUEENS OF CHEMISTRY"

PROFILE

Dr. A. Rathinavelu M.Sc.,M.Phil.,Ph.D.

Email: rathinaveluarv@gmail.com

Mobile: 9965755361



Work Experience:

- Working as a Assistant professor & Head in Department of Chemistry, Erode Arts and Science College, Erode From 17/06/2009 to 19/06/2023 (UG & PG – 14 Years)
- Worked as a Lecturer in Department of Chemistry Sri Kandhan College of Arts & Science, Erode from 27/08/2007 to 18/04/2009 (UG & PG – 1.7 Years)
- Worked as a Lecturer in Department of Chemistry, Erode Arts and Science College, Erode From 02/01/2007 to 31/07/2007 (UG & PG – 7- Months)

Area of Specialization:

- Organic Chemistry, Physical Chemistry

Research Guidance:

- M. Phil – 01

Board of Studies:

- Member Teacher's Assn. of the BoS in Chemistry (PG) for Bharathiar University Affiliated College for a period 2 years from 01/01/2022 to 31/12/2023.

Academic Qualification:

Degree	Specialization	College	University	Percentage of marks	Year of Passing
B.Sc	Chemistry	Erode Arts and Science College, Erode.	Bharathiar University	70.27	2002
M.Sc	Chemistry	Sri Ramakrishna Mission Vidyalaya College, Coimbatore	Bharathiar University	67.75	2004
M.Phil	Chemistry	Erode Arts and Science College, Erode.	Bharathiar University	58	2006
Ph.D	Chemistry	Erode Arts and Science College, Erode.	Bharathiar University	Highly commended	2017

Seminars/Conferences/Workshops attended: State / National / International

S.No	Name of the Conference / Seminar /Workshop	Organized By	Place	Date
1	Recent Trends in Medicinal Chemistry	Department of Chemistry Government Arts College	Coimbatore	19 & 20-02-2015
2	Spectroscopy and its applications	Department of Chemistry Sri Ramakrishna Mission Vidyalaya College of Arts and science	Coimbatore	18-02-2013
3	Essentials of Spectroscopy, Pericyclic Reactions and Quantum Chemistry	Department of Chemistry Nirmala College for Women	Coimbatore	10-01-2013
4	Access, Quality and Curriculum Development Paradigms in Higher Education	Department of Chemistry, Erode Arts and Science College	Erode	22-02-2017
5	High Impact Teaching Skills	Department of Chemistry, Erode Arts and Science College	Erode	27-3-2016
6	Renewable Energy and Sustainable Environment	Department of Chemistry, Sri Vasavi College	Erode.	10-02-2017
7	Oxidane analysis and Training on nano characterization techniques	Department of Chemistry, KSR College of Arts and Science for Women	Tiruchengode	14&15.12.2017
8	Recent Trends in Chemistry	Department of Chemistry, Sri Ramakrishna Mission Vidhyalaya College of Arts and science	Coimbatore	02.2.2018
9	Recent Developments in Chemistry and Nanoscience	Department of Chemistry, Arignar Anna Government Arts College	Namakkal	05.01.2018
10	Emerging Trends in Material Science	Department of Chemistry, Erode Arts and Science College	Erode	07.2.2018
11	Teacher Attributes for 21 st Century Learners	Department of Chemistry, Erode Arts and Science College	Erode	14.06.2018
12	Outcome based education	Gobi Arts and Science College	Gobi	01.12.2018
13	A Two-day international Virtual Conference on Advanced Materials Emerging Technologies (ICAMET-21)	Department of Chemistry, Sri Ramakrishna Mission Vidhyalaya College of Arts and science	Coimbatore	27.04.2021
14	A conceptual frame work	Erode Arts and Science College	Erode	10.04.2021

15	Faculty development programme on Outcome based education	Erode Arts and Science College	Erode	06.03.2021
16	Adsorption studies on the removal of congo red dyes from aqueous solution using Boerhavia diffuse activated carbon	Department of Chemistry, KSR College of Arts and Science	Namakkal	05.04.2023 & 06.04.2023

Research Papers Published in Journals: (National / International)

S.No	Title of the Paper	Name of the Journal
1	Chemical and electro chemical investigations of high carbon steel corrosion inhibition in 10% HCL medium by quinolone chalcones	Springer International journal of Ionics the science and technology of ionic motion.
2	A comparative Study on the Removal of Cr (VI) using Fire Clay+TiO ₂ Nanocomposite and Fire Clay	Journal of environmental Nanotechnology Vol.4, No.3, (2015) pp. 24-31.
3	Studying on the Removal of Pb (II) using Fire Clay – TiO ₂ Nanocomposite and Fire Clay	Journal of environmental Nanotechnology Vol.4. No. 4. (2015) pp.45-51.
4	Studying on the Removal of Ni (II) from Aqueous Solution using Fire Clay – TiO ₂ Nanocomposite and Fire Clay	Chemical Science Transactions 2016,5(3)
5	Kinetics and Thermodynamic Studies on the Removal of Cd (II) from Aqueous solution using fire clay-TiO ₂ Nanocomposite and fire clay	International, Journal of Current Research 2016
6	Synthesis, Growth and Characterization Studies on Butylamine, Ascorbic acid and Leucine (BAL) Mixed Single Crystal by Slow Evaporation Method	Journal of Applied Physics
7	Synthesis, Growth and Characterization on Tartaric acid and Urea (TAC) Mixed Single Crystal by Slow Evaporation Method	International Journal of Development Research
8	Adsorption of Methylene Blue on to Fire Clay - MnO ₂ Nanocomposite Materials	International Journal of Research in Advent Technology, Vol.6, No.10, October 2018
9	Synthesis, Characterization study on Eichhornia Crassipes- ZnO nano composite	Maxene Journal of Chemical Science MJPCS 1906, 2019, 1(2), 1-7

K.S.RANGASAMY COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

TIRUCHENGODE - 637 215

Department of Chemistry

Attendance details

Awareness Program (28.02.2023)

To solve the problem for reusing plastics into valuable products

S. No	Name of the Participant	Signature
III B.Sc Chemistry		
1.	ASHOKKUMAR S	Ashokkumar S
2.	BALAMURUGAN S	Balamurugan S
3.	DEEPAN.S	Deepan S
4.	DHIVYA M	Dhivya M
5.	GOKUL PRASHANTH.D	Gokul Prashanth D
6.	GOKULKANNAN K	Gokulkannan K
7.	GOWTHAM P	Gowtham P
8.	GOWTHAM R	Gowtham R
9.	HARISH K	Harish K
10.	JAGADHEESH KUMAR.R	Jagadheesh Kumar R
11.	JANANEE A	Jananee A
12.	KIRAN R	Kiran R
13.	KRISHNAN S	Krishnan S
14.	MANOJ D	Manoj D
15.	MATHIYARASAN.M	Mathiyarasan M
16.	PAVITHRAN.S.K	Pavithran S.K
17.	PERIYASAMY.S	Periyasamy S
18.	PRADEEPA K	Pradeepa K
19.	PRADEEPAN R	Pradeepan R

20.	PRAWIN.R	Prawn
21.	PREMKUMAR V	Prem Kumar
22.	RATHIMEENA V.R	Rathini
23.	RAVI BHARATHI R	Ravi Bharathi
24.	SIVASURYA P	Sivasurya
25.	SRIDHARAN S	Sridharan
26.	SRIDHARAN.S	Sridharan
27.	SUHAIL RASITH AHAMED K	Suhail Rasith Ahamed K
28.	SUNDARRAJ P	Sundarraj
29.	SUPRIYA V	Supriya
30.	THANISHKA.T	Thanisha

II B.Sc Chemistry

31.	AMUTHAKABILAN R	Amutha Kabilan R
32.	DHARANI S	Dharani S
33.	GAYATHRIDEVI S	Gayathri Devi S
34.	KABILAN K	Kabilan K
35.	LOGESH S	Logesh S
36.	MAGESHWARAN R	R. Mageshwaran
37.	MEIVEL K	Meivel K
38.	MONIKA K	Monika K
39.	NAVEEN R	Naveen R
40.	SIVA K	Siva K
41.	SUGASH S K	Sugash S K

I B.Sc Chemistry

42.	GOPINATH P	Gopinath P
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43.	INDHU PRIYA K	Indhu Priya
44.	KARTHICK CHANDRU S	Karthick Chandru
45.	NISHA M (30.03.2005)	Nisha
46.	RAJA S	Raj
47.	SAJEEV T	Sajeev
48.	SANDHIYA S	Sandhya
49.	SANJEEV T	Sanjeev
50.	SARAN KUMAR M	Saran Kumar
51.	SATHIYA P	Sathya
52.	SIVA S	Siva
53.	SIVARAMAKRISHNAN P	Sivarama Krishnan
54.	SOMESH J	Somesh
55.	SOUNDHARA RAJAN P	Soundhara Rajan
56.	SRIKANTH S(RAJESWARI)	Srikanth
57.	UMASHANKAR C	Umasankar
58.	VIMAL RAJ D	Vimal
59.	VISHNU GOUNDER V	Vishnu Gounder

K.S.Rangasamy College Of Arts and Science (Autonomous)

Tiruchengode-637 215

Department of Chemistry

PHOTOS

Topic : "To Solve the problem for reusing plastics into valuable Products"

Date & Time: 28.02.2023 & 10.00 am

Venue: AC-Gallery



Figure : Dr.A.Rathinavelu Started the presentation about plastics and its reuses



Figure : Student's doubt were cleared and it was interactive and knowledgeable

K.S.Rangasamy College Of Arts and Science (Autonomous)

Tiruchengode-637 215

Department of Chemistry

Report

Topic : "To Solve the problem for reusing plastics into valuable Products"

Date & Time: 28.02.2023 & 10.00 am

Venue: AC-Gallery

The department of chemistry has organized a Self Awareness program to all the under graduate students on the topic of "To Solve the problem for reusing plastics into valuable Products" on 28.02.2023. The resource person of this program Dr.A.Rathinavelu, Assistant Professor & Head, Department of Chemistry, Erode Arts and Science College (Autonomous), Erode.

Report from Participation students were collected with the aim of knowing their opinion, feelings and suggestions on the awareness program.

Plastic had played such an important role in our lives that we feel it's not even possible to live in a World without it .plastic products such as bags, plates, spoons, packed foods, plastic bottles don't Fully degrade and remain in the environment for hundreds of years .wrong disposal of such wastes Lead to serious concerns in the environment. We need to be woke about these situations and aspire To be ecofriendly for sustainable development.

The main objective of the drive was to sensitize the Students as well as the local vendors of nearby area to minimize the usage of the plastic bags .They should refrain from buying single use plastic products and reuse repair and recycle products

Plastic can be replace with material like,cotton,glass etc. even though we cannot completely vanish Plastic from our surrounding but with everyone's individual effort and small contribution towards Plastic elimination can lead to a healthy environment.

U. L.
28/2/23
HOD