

**D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS),
VELLORE-1**



DEPARTMENT OF CHEMISTRY

**REPORT OF
A WEBINAR ON
“POTENTIAL APPLICATIONS OF SOLAR
PHOTOCATALYSIS FOR ENVIRONMENTAL REMEDIATION
USING BIOMASS AS SURFACE MODIFIER”**

Date: 12.08.2024

INVITATION

D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-632001



(Accredited by NAAC with 'A' Grade)

Affiliated to Thiruvalluvar University, Serkadu

PG & RESEARCH DEPARTMENT OF CHEMISTRY

**ORGANISES
A WEBINAR ON**

**POTENTIAL APPLICATIONS OF SOLAR PHOTOCATALYSIS FOR
ENVIRONMENTAL REMEDIATION USING BIOMASS AS SURFACE MODIFIER**



**Dr. R. Karthiga, M.Sc., M.Phil., Ph.D., B.Ed.,
Assistant Professor in Chemistry,
Cardamom Planters' Association College,
Bodinayakanur, Theni-625583.**

Date: 12.08.2024 Time: 10.00 am

Venue: Kaveri Hall

Organising Committee

**Dr. N.Dhanam
Dr. S. Sashikala
Ms. E. Swetha
Ms. R. Sindhu**

Organizing Secretary

Dr. R. Arunadevi

Convenor

**Dr. S. Santha Lakshmi
Associate Professor & Head**

Principal

Dr. R. Banumathy

All are cordially invited

POTENTIAL APPLICATIONS OF SOLAR PHOTOCATALYSIS FOR ENVIRONMENTAL REMEDIATION USING BIOMASS AS SURFACE MODIFIER

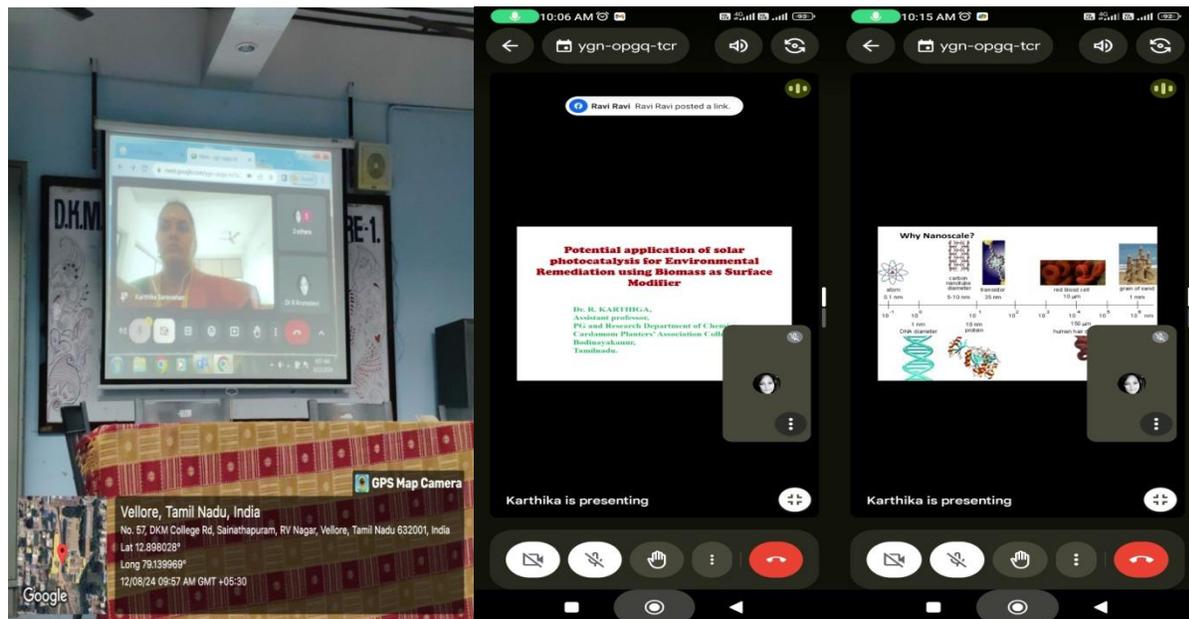
Research is undeniably vital in our everyday lives, serving as the cornerstone for expanding knowledge in any given field. On August 12, 2024, a webinar was held at 10:00 AM, drawing an impressive attendance of 137 participants. The event began with a warm welcome address by Dr. S. Santha Lakshmi, the Head and Associate Professor of the Department of Chemistry. This was followed by an introduction of the guest speaker by Dr. N. Dhanam, Assistant Professor in the same department.

The session was then handed over to the keynote speaker, Dr. R. Karthiga, Assistant Professor of Chemistry at Cardamom Planters' Association College, Bodinayakanur. Dr. Karthiga delivered an insightful presentation on the topic "Potential Applications of Solar Photocatalysis for Environmental Remediation Using Biomass as Surface Modifier." She provided a thorough and detailed explanation of the subject, sharing valuable insights into the research process within the field of photocatalysis.

Dr. Karthiga discussed the pressing environmental issues linked to waste disposal into sewers, rivers, and eventually the ocean, highlighting the severe, often immeasurable, harm inflicted on ecosystems. She emphasized the importance of scientific study and encouraged young students to pursue innovative research in basic science, leveraging technology. Her personal experiences and journey in the field of research particularly resonated with the students, leaving them feeling inspired and motivated.

The session concluded with a vote of thanks delivered by Dr. R. Arunadevi, Assistant Professor in the Department of Chemistry. The webinar, conducted via the Google Meet platform, included a Q&A session that allowed participants to engage directly with the speaker. Feedback was collected from participants at the end of the webinar through a Google Form, ensuring that their insights and experiences were noted for future events.

PHOTOS



Dr.R. Karthiga, Assistant Professor of Chemistry, CPA College, Bodinayaknur delivering an online presentation on 12.08.2024



Students Participants on 12.08.2024

FEEDBACK

Name of the Student:	Class	Register Number:	Gmail id	Mobile No.	1. How would you rate the speaker based on presentation skill?	2. How would you rate the speaker based on topic knowledge?	3. How would you rate the content of the slides?	4. Did the webinar meet your expectations?	5. How would you rate the overall sessions?	What was your single biggest take away?
Sharmila. E	3rd chemistry	30821u17045	Sharmidinesh19@gmail.com	9363698300	Good	Good	Good	Yes	Good	Nil
T.Preethi	II,M.sc., Chemistry	30823P14008	preethisoor@gmail.com	9600654979	Good	Good	Good	Yes	Good	Knowledge
S. Hemalatha	2nd M.sc Chemistry	30823P14002	hemasridhar1603@gmail.com	8838724081	Good	Good	Excellent	Yes	Good	Improved my knowledge
Kavishree S	II M.S.c chemistry	30823P14006	kavishreesundaramorthy@gmail.com	8919475736	Good	Good	Good	Yes	Good	Knowledge
Abarna.A	II M.Sc chemistry	30823P14001	abarna0407@gmail.com	9384430783	Good	Good	Good	Yes	Good	Nil
KALAISELV I.D	II M.SC CHEMISTRY	30823P14004	Kalaiselvi.d2020@gmail.com	9751857955	Average	Average	Good	Yes	Good	Good
M.Monika	III-CHEMISTRY	30822U17027	monikamorthy08@gmail.com	8668198512	Good	Good	Good	Yes	Good	Nothing
SHEFANA ANJUM A	1st M.sc., chemistry	-	shefanaanjum@gmail.com	6380263608	Good	Good	Good	Yes	Good	It was very useful to learn

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Hinduja.R	MSc., Chem istry	30823P140 03	hindujarav i152003@ gmail.com	-		Good	Good	Yes	Good	The topi c and spe ake r wer e goo d
A.saranya	II M.SC CHE MIST RY	30823P140 09	saranyaan balagan20 02@gmail .com	9789680014	Excell ent	Good	Good	Yes	Excel lent	Nil
Dirisha A	III- chemi stry	30822U170 11	dirisha051 1@gmail. com	9344051890	Averag e	Good	Good	Yes	Good	Not hin g
V. Saraswathi	III rd Chem istry	30822U170 49	saraswathi vkoki@g mail.com	9345919936	Good	Good	Good	Yes	Good	Go od
NIVETHA M	B.Sc - CHE MIST RY - 1st Year	3125	mnivetha2 007@gma il.com	9442727807	Excell ent	Excellent	Excel lent	Yes	Excel lent	Yes
Sandhiya B	III Bsc chemi stry	30822U170 46	www.sand ycrush@g mail.com	9585105669	Good	Good	Good	Yes	Good	Go od
Yashika.v	Third chemi stry	30822U170 56	veluyashi ka2005@ gmail.com	8220503314	Good	Excellent	Good	Yes	Excel lent	Not hin g
Megala.C	II Chem istry	30823U170 23	megalasiv a20005@ gmail.com	8778718174	Excell ent	Excellent	Excel lent	Yes	Excel lent	Exc elle nt and tha nk you ma m
Madhumitha. M	III chemi stry	30822U170 24	madhuind ra2311@g mail.com	6380582050	Excell ent	Good	Excel lent	Yes	Excel lent	Not hin g

A.Geetha	III chemistry	30822U17012	geetha2022vlrashok@gmail.com	8122823197	Good	Good	Good	No	Good	How it is exci cute
Mounika.M	III Chemistry	30822U17028		9.34E+09	9342826306	Excellent	Good	Yes	Average	Super
Shobana.B	III-Chemistry	30822U17050	shobanab080@gmail.com	9944384683	Excellent	Good	Excellent	Yes	Good	Very usef ul
P. Nandhini	III - Chemistry	30822U17031	p.nandhini131004@gmail.com	9514406459	Excellent	Excellent	Excellent	Yes	Excellent	Kn owl edge
M. Rajakumari	B. Sc., chemistry	30822u17040	rajakumarismartm@gmail.com	8056983312	Good	Good	Good	Yes	Good	Not hin g
N.Aathika	Chemistry	30823U17001	naathikanawab@gmail.com	8056796524	Good	Good	Good	Yes	Good	Not hin g
Irfana Fathima M	Bsc., chemistry	30823U17017	mirfana2005@gmail.com	8667599501	Excellent	Excellent	Good	Yes	Good	Go od
M.Periyanka	B.sc., chemistry	30823U17031	priyankamurugan1606@gmail.com	6381095626	Average	Average	Average	No	Average	Not hin g
S mahalakshmi	3 chemistry	30822U17025	mahalaksh mimaha09042005@gmail.com	7904157669	Good	Good	Good	Yes	Good	No
Reshma khanam A	I-M.Sc., Chemistry	-	msresh1132@gmail.com	7904098062	Excellent	Good	Good	Yes	Excellent	Use full learning about advanc e nanotec hno log y
T.Snega	III Chemistry	30822U17052	snegat753@gmail.com	9344152241	Good	Average	Good	Yes	Good	No Aw ay
Ayisha. M	III B.Sc., Chem	30822U17007	m.ayisha7871@gmail.com	7871421125	Excellent	Good	Good	Yes	Excellent	Lea rn

	istry									
Niranjana S	III B.sc., Chemistry	30822U17033	niranjanasj30@gmail.com	9751558593	Excellent	Excellent	Excellent	Yes	Excellent	Good
Shobana.R	III Chemistry	30822U17051	yrathinam7@gmail.com	7708172033	Good	Excellent	Good	Yes	Average	Nothing
S.keshvini	3 chemistry	30822U17022	vkeshvini@gmail.com	9342526145	Good	Good	Good	Yes	Good	Nice
Jeevitha.T	B.sc., Chemistry	30822U17016	jeevithat2309@gmail.com	8667588300	Good	Good	Good	No	Good	No
Nivetha.S	II- Chemistry	30822U17035	nivetha10505@gmail.com	6383336857	Good	Good	Good	Yes	Good	good
OLIMBIA P	III B.Sc., Chemistry	30822U17036	olimbiaabi82@gmail.com	8870673769	Good	Good	Good	Yes	Good	Yes
K.Sandhiya	III (B.Sc chemistry)	30822U17047	sandhiyakathiravan2003@gmail.com	8148238695	Good	Good	Excellent	Yes	Good	Yes
Nithesha.R	III B.Sc., Chemistry	30822U17034	Nitheshanithu805@gmail.com	9488628857	Excellent	Excellent	Good	Yes	Excellent	Got many ideas
B.sandhiya	III-chemistry	30822U17045	kaspakings143@gmail.com	9360100874	Excellent	Good	Good	Yes	Good	Good
MOHANAPRIYA E	1st bsc chemistry	3123	mohanapriyae92@gmail.com	8248760697	Excellent	Excellent	Excellent	Yes	Excellent	Do my best
Keerthika. B	3rd chemistry	30822U17020	bkeerthika05072005@gmail.com	6383254078	Good	Excellent	Good	Yes	Excellent	Nanotechnology
G sara tasleem	II B.Sc., chemistry	30823UI7039	saratasleem71@gmail.com	9894516805	Good	Good	Good	Yes	Good	Learned deeply
Manju. T	III B. Sc., Chemistry	30822U17026	manjuramesh305@gmail.com	9360145815	Good	Good	Good	Yes	Good	Good
Kalpana.L	III - B.Sc., chemistry	30822U17018		9.09E+09	9087984138	Good	Good	Yes	Good	nothing

Aarthy.k	Bsc.,c hemistry-III	30822U170 02	aarthykumar2032005@gmail.com	6383045504	Excellent	Excellent	Good	Yes	Excellent	.
Sowmiya.s	1st BSC chemistry	Good	ragulsowmiya57@gmail.com	7808713996	Good	Good	Good	Yes	Good	Good
S.Rithika	III chemistry	30822U170 43	rithikasureshvgk2004@gmail.com	6369841525	Excellent	Excellent	Excellent	Yes	Excellent	Gained knowledge
S.Ramya	II B.Sc Chemistry	30823U170 33	ramyasiva15705@gmail.com	9344438651	Good	Good	Good	Yes	Good	Yes
E.Aarathi	3rd chemistry	30822U170 01	aarthie2005@gmail.com	8637669637	Average	Average	Average	Yes	Average	Not hing
B Muthulakshmi	II- chemistry	30823U170 25	bmuthulakshmi20@gmail.com	9342409284	Good	Good	Excellent	Yes	Good	No
Kavitha. R	2nd chemistry	30823U170 18	aashwina8@gmail.com	8148342633	Excellent	Good	Excellent	Yes	Excellent	Good
Mubintaj A	III.Bs c chemistry	30822U170 29	anishmubeen@.com	9952726574	Good	Good	Good	Yes	Good	No
S. Bhuvanagri	B.sc., chemistry	30822U170 08	ssbhuvanagri2005@gmail.com	9043437504	Good	Good	Good	Yes	Good	Good
R. Preethika	1st B. SC chemistry	3131	preethiravi262007@gmail.com	9042429689	Excellent	Excellent	Excellent	Yes	Excellent	Super explaining
Deepika T	3rd chemistry	30822U170 10	Gowthamhovi6@gmail.com	9159225982	Good	Good	Good	Yes	Good	Good
NADHIYA P	III chemistry	30822U170 30	nadhiya432005@gmail.com	6382893857	Excellent	Excellent	Good	Yes	Good	Not hing
M. Rathika	II- B. Sc, chemistry	30823U160 34	mrathika22@gmail.com	9080228426	Excellent	Excellent	Excellent	Yes	Excellent	No
Saniya parveen.S	2nd Chemistry	30823U170 38	sanu09072006@gmail.com	8946088505	Good	Good	Good	Yes	Good	Study
Atiya Parveen I	Chemistry	30823U170 08	iliyashashaatiyaparveen2004@gmail.com	6383303246	Good	Good	Good	Yes	Good	Good

M shalini	Chemistry	30823U17043	salinisin88083@gmail.com	6379573320	Good	Good	Good	Yes	Good	.
Sabitha.M	3rd Chemistry	30822U17044	sabimurugesan@gmail.com	7695820428	Good	Average	Good	No	Good	Yea
G.shylaja	II BSc chemistry	30823U17045	shylaja6206@gmail.com	8610290948	Good	Excellent	Average	No	Good	No
Naveena. P	II chemistry	30823U17028	naveenabaji991@gmail.com	6384660991	Excellent	Excellent	Good	No	Excellent	Nothing
B. Swetha	3rd chemistry	30822U17053	swetha@gmail.com	9787791274	Excellent	Excellent	Excellent	Yes	Excellent	Good
K.Parkavi	3rd chemistry	30822U17037	Kumarvaishu137@gmail.com	8072942565	Good	Good	Good	Yes	Good	Yes
Monika.V	2nd chemistry	30823U17024	moniveerarahavan@gmail.com	9789357708	Excellent	Excellent	Good	Yes	Excellent	Excellent
Nandhini. S	B. Sc chemistry	30823U17026	nandhiniselvam.117006@gmail.com	8489986685	Excellent	Excellent	Excellent	Yes	Excellent	Yes
J.Madhumitha	Chemistry	30823U17021	mmitha44979@gmail.com	7448915425	Good	Excellent	Good	Yes	Good	Good
T.Nandhini	BSC	30823U17027	Sivanandhu0707@gmail.com	8148716354	Excellent	Excellent	Excellent	Yes	Excellent	Nil
S.priyadharshini	3-chemistry	30822U17039	smohanpriya123@gmail.com	9789366315	Good	Good	Good	Yes	Good	Nice
N.Arshiya	Chemistry	30823U17006	narshiya824@gmail.com	8056796524	Good	Good	Good	Yes	Good	I learn briefly about photocatalysis
Logapriya.P	2nd Chemistry	30823U17019	ppriyamaha5@gmail.com	9345948190	Good	Good	Good	Yes	Good	good
Tamizarasi.M	2nd B.Sc., Chemistry	30823U17050	Tamizarasia@gmail.com	9940792508	Good	Good	Excellent	Yes	Good	It's very usef

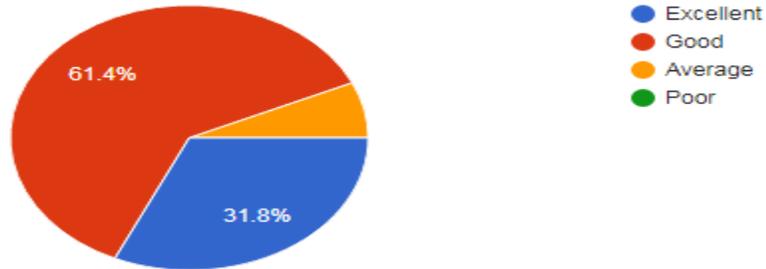
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Thrisha C	III B.Sc., Chemistry	30822U17054	thrishathrish09@gmail.com	9363868971	Good	Good	Good	Yes	Good	No
V.SHALINI	II BSC CHEMISTRY	30823U17044	Pkalaiselvi766@gmail.com	9025948560	Excellent	Excellent	Excellent	Yes	Good	This topic is excellent and I can understand easily
A.pooja	3rd Chemistry	30822U17038	Pooja.adi1604@gmail.com	9597131832	Good	Excellent	Good	Yes	Good	Nothing
V.kamali	III Chemistry	30822U17019	Kamalivenket@gmail.com	9597242594	Good	Good	Good	Yes	Good	No away
T.Logeshwari	II Chemistry	30823U17020	lokeshwarittamilselvan@gmail.com	6383685864	Good	Good	Good	Yes	Good	No
SAZIYA A	2nd chemistry	30823U17042	saziyaazmudeen31@gmail.com	8825603571	Average	Average	Average	No	Average	Solar photo catalysis
M.Abirami	2nd Chemistry	30823U17002	abiramiabiabi47@gmail.com	8754285407	Good	Good	Good	No	Excellent	Good
V Dhashya	II Chemistry	30823U17010	Venkatesanprian52@gmail	9367799207	Average	Poor	Average	No	Average	..
SHRI GAYATHRI. T	1st Bsc chemistry	3140	shrigayathri27@gmail.com	9043488903	Excellent	Excellent	Excellent	Yes	Excellent	Knowing about the use of potential app

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N Ayesha	3rd year Chem istry	30822U170 06	ayeshasha riefa92@g mail.com	6380348118	Good	Excellent	Excel lent	Yes	Good	Nice
Swathi. S	B. Sc chemi stry	30823U170 48	Swathisan kar847@g mail.com	7604911233	Good	Good	Good	No	Good	Go od
Sumaiya k	2nd chemi stry	30823U170 46	sumaiyaza inab41@g mail.com	9994697935	Excell ent	Excellent	Excel lent	No	Good	Go od
S.ilakiya	2nd chemi stry	30823U170 16	Ilakiyasek ar3@gmai l.com	9344786931	Good	Good	Good	Yes	Good	Not hin g
T.Bharathi	II chemi stry	30823U170 9	bharathith ulasi2005 @gmail.c om	9626442310	Good	Good	Good	No	Good	Not hin g
R. Hemalatha	II chemi stry	30823U170 15	hemarame sh310520 06@gmail .com	6369423865	Excell ent	Excellent	Excel lent	Yes	Excel lent	I hav e lear ned basi c know ledge
A.Rabiya	II -	30823U170	thabasums	8015318296	Good	Good	Good	Yes	Good	It is

Kauser	CHE MIST RY	32	uban@gmail.com							good
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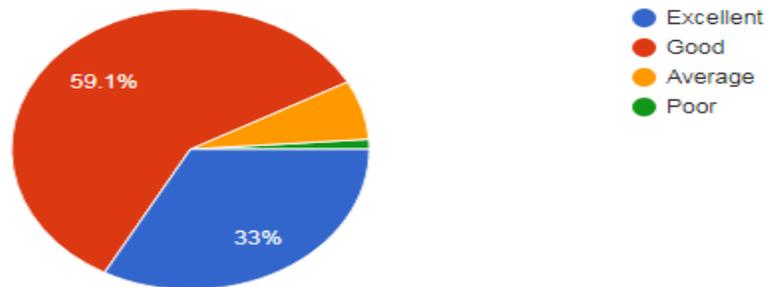
1. How would you rate the speaker based on presentation skill?

88 responses



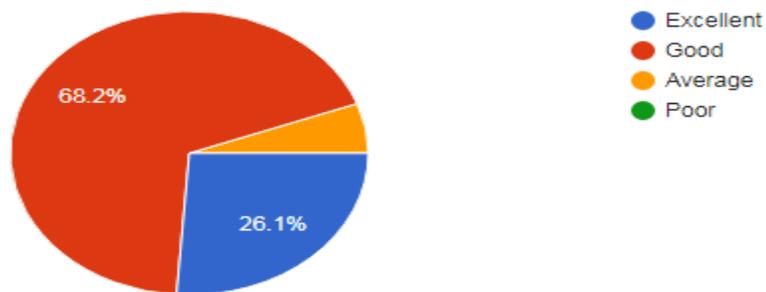
2. How would you rate the speaker based on topic knowledge?

88 responses



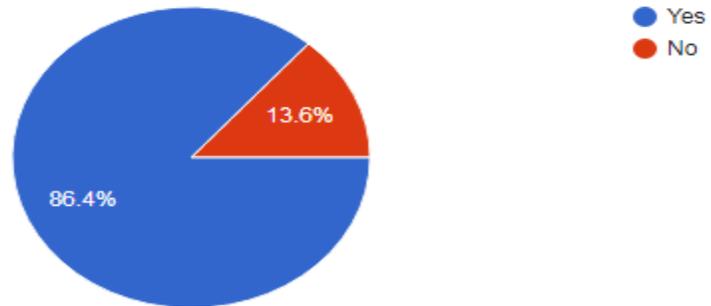
3. How would you rate the content of the slides?

88 responses



4. Did the webinar meet your expectations?

88 responses



5. How would you rate the overall sessions?

88 responses

