P G DEPARTMENT OF CHEMISTRY (SF)

DEVA MATHA COLLEGE, KURAVILANGAD

Affiliated to Mahatma Gandhi University, Kottayam



REPORT

ADD-ON COURSE

In

CHEMISTRY AND LIFE

DMCK/ SFCHEM /AD 32/2021

Academic Year 2021-22

ADD-ON COURSE REPORT

Academic Year: 2021-22

Dates: 10 Jan 2022- 15 Jan2022 Beneficiaries: I PG Chemistry Number of teachers coordinated: 3 Number of Students participated: 19

An add-on course was organized by the PG Department of Chemistry, Deva Matha College Kuravilangad from 10-15 th January 2022 on the topic "Chemistry and Life". The practical and theory sessions were taken by Neenumol K.K, Roopesh Michael and Riya Tresa. Theory classes were conducted by offline mode and practical classes in our department lab. 19 students from our I PG completed this course. An examination was conducted after the course and the certificates were distributed.

DEVA MATHA COLLEGE KURAVILANGAD ADD-ON COURSE FOR THE AY 2021-22

Title: CHEMISTRY AND LIFE (DMCK/SFCHEM/AD32/2021) Instructional Hours: 30 hrs

Duration: 2 months

Mode of Instruction: Offline Intake Capacity: 25 students

Eligibility: Any 12th std science students

Course Objectives

- 1. To introduce good lab practices, lab safety.
- 2. To introduce awareness of waste disposal managements.
- 3. To introduce basic non-instrumental laboratory techniques.
- 4. To introduce basic instrumental laboratory techniques.

Module 1 (10 Hours)

Good lab practices, lab safety, method of storing chemicals, solvents and glassware, procedures and maintenance of stock, purchase and distribution registers; Data analysis - MS Office; Literature – Scifinder.

Module 2 (10 Hours)

Waste disposal and management methods.

Module 3 (10 Hours)

Analytical applications in chemistry - pesticide analysis, water analysis and purification techniques, to find out the acid content in citrus fruits.

References

- Laboratory Waste Management: A Guidebook by ACS Task Force on Laboratory Waste Management, ACS Miscellaneous, 1994
- Margaret-Ann Armour, Hazardous Laboratory Chemicals Disposal Guide, 2nd Edition, 1996

3. Svehla, G: Vogel's qualitative inorganic analysis, 7th Edition, Prentice Hall, **1996** Vogel, A.I., Tatchell, A.R., Furnis, B.S., Hannaford, A.J., Smith, P.W.G., Vogel's Practical Organic Chemistry, 5th edition, Pearson education Ltd, **1996**

Assessment Procedure

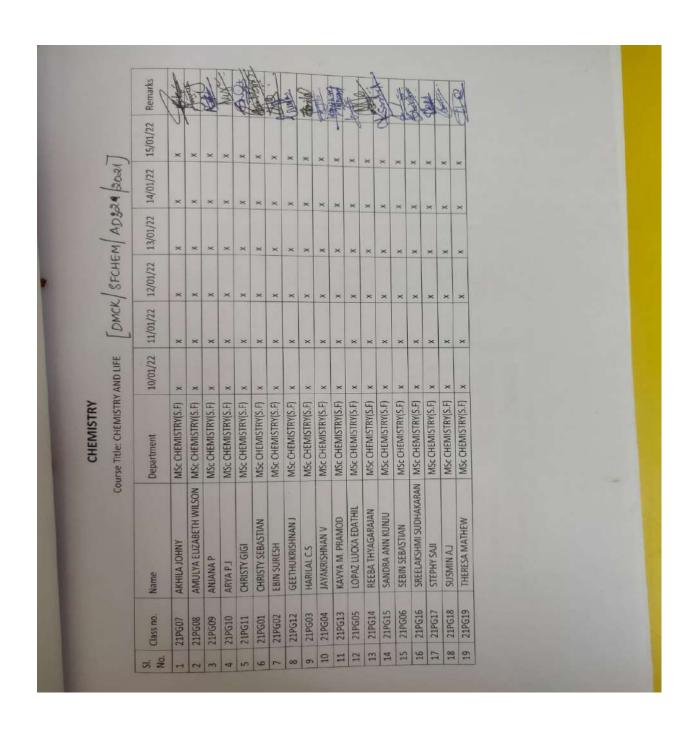
Descriptive examination

Grading

5 point scale (A+,A,B,C,,failed)

COURSE OUTCOME

- CO1: The study of basic non-instrumental laboratory techniques.
- CO2: Give awareness of waste disposal managements.
- CO3: The study of basic instrumental laboratory techniques
- CO3: Aware good lab practices and lab safety.



CHEMISTRY

CONSC TITLE: CHEMISTRY AND LIFE [DMCK/SFCHEM/AD 33/3031]

SI.No.	Class no.	Name	Department	Grade	Remarks
	21PG07	AKHILA JOHNY	MSc CHEMISTRY(S.F)	A.	A
2	21PG08	AMULYA ELIZABETH WILSON	MSc CHEMISTRY(S.F)	A.	Lange of the same
m	21PG09	ANJANA P	MSc CHEMISTRY(S.F)	+ ∀	A CONTRACTOR
4	21PG10	ARYA P.J	MSc CHEMISTRY(S.F)	* A	White the same of
2	21PG11	CHRISTY GIGI	MSc CHEMISTRY(S.F)	A	1000 P
9	21PG01	CHRISTY SEBASTIAN	MSc CHEMISTRY(S.F)	A.	A STATE OF THE PARTY OF THE PAR
7	21PG02	EBIN SURESH	MSc CHEMISTRY(S.F)	, A	題
00	21PG12	GEETHUKRISHNAN J	MSc CHEMISTRY(S.F)	*A	
0	21PG03	HARILAL C.S	MSc CHEMISTRY(S.F)	A.	Herital
10	21PG04	JAYAKRISHNAN V	MSc CHEMISTRY(S.F)	A.	掛
11	21PG13	KAVYA M. PRAMOD	MSc CHEMISTRY(S.F)	A.	大學
12	21PG05	LOPAZ LUCKA EDATHIL	MSc CHEMISTRY(S.F)	, A	125
13	21PG14	REEBA THYAGARAJAN	MSc CHEMISTRY(S.F)	A,	A C
14	21PG15	SANDRA ANN KUNJU	MSc CHEMISTRY(S.F)	Δ.	M. N. P.

	216006	21PG06 SEBIN SEBASTIAN	MSc CHEMISTRY(S.F)	A+	-
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	21PG16	21PG16 SREELAKSHMI SUDHAKARAN	MSc CHEMISTRY(S.F)	Δ*	1
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	/10.117	ZIFGI/ SIEPHYSAJI	MSC CHEMISTRY(S.F)	Α+	12/4
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	21PG18	21PG18 SUSMIN A.J	MSc CHEMISTRY(S.F)	+4	10/0-
				¥	
	21PG19	THERESA MATHEW	MSc CHEMISTRY(S.F)	:	3 (
1				A	(-



DEVA MATHA COLLEGE, KURAVILANGAD

Re-Accredited by NAAC with 'A' grade

Website: www.devamatha.ac.in, E-Mail: principaldmck@gmail.com



CERTIFICATE

This is to certify thathas

successfully completed the Add-on course titiled : Chemistry & Life

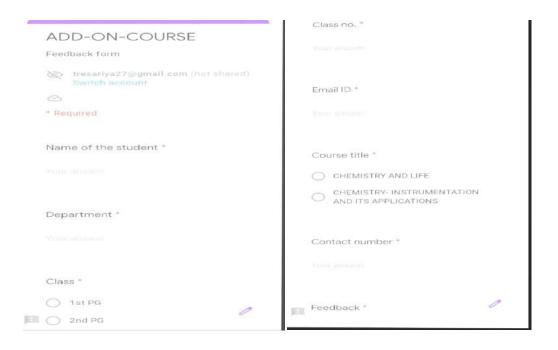
DMCK/SFCHEM/AD32/2021 conducted by Post Graduate Department of Chemistry, Deva Matha College, Kuravilangad during the academic year 2021-2022 with 'A+' grade.

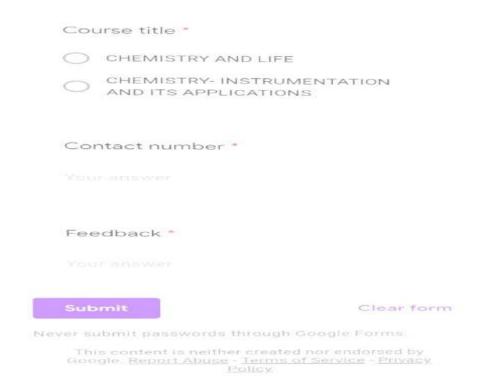
Ms. Riya Tresa Course Co-ordinator

Dr. Brincy Mathew General Co-ordinator

Dr. Sunil C. Mathew Principal

Kuravilangad 01-03-2022





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Google Forms

Fo	rm Responses 1							
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1	Name of the student	Department	Class	Class no.	Email ID	Course title	Contact number	Feedback
2	Amala Mathew	Msc chemistry	2nd PG	20PG05	amalamathew9096	ag CHEMISTRY INST	RUI 860640334	11 Its very useful cours
3	Reeba Thyagarajan	Chemistry	1st PG	21PG14	reebatreeba@gmai	Lo CHEMISTRY AND	LIFI 09895247208	It is a worth full one.
ż	VISHNU A R	Chemistry	2nd PG		25 vishualappatt@gm	ail CHEMISTRY-INST	RUI 812922589	3 The course was real
5	Vaishnavy Venugopal	MSc chemistry PG	2nd PG	20PG24	vaishnavyvenu99@	ign CHEMISTRY- INST	RUI 996107259	5 Good
6	Amulya Elizabeth wils	Msc chemistry	1st PG	21PG08	amulyawilson416@	gr CHEMISTRY AND	LIFE 965686941	6 Interesting
Y	Sreelakshmi Sreeniva	Chemistry	2nd PG	20PG023	sreelakshmisreeniy	vas CHEMISTRY- INST	RUI 956755792	7 Excellent
ß	Archana U K	Chemistry	2nd PG		11 archanakarthikeyai	9FCHEMISTRY-INST	RUI+917025534310	Informative and inte
9	Anjustee Rajan	Msc chemistry	2nd PG	20PG08	anjusreerajan06@g	mi CHEMISTRY- INST	RUI 952696948	14 Excellent
0	Jisna c	Chemistry	2nd PG	20PG16	jisna338@gmail.co	om CHEMISTRY-INST	RUI 974779761	6 Excellent
1	Neelima anand	Msc.chemistry	2nd PG	20pq18	neelimaanand1@g	ma CHEMISTRY- INST	RUI 892118315	7 Good
2	Stephy saji	MSC Chemistry	1st PG	21PG17	- The Control of the Print Control of the Control o	ing CHEMISTRY AND		7 Very interesting
13	Ал(апа.Р	Msc Chemistry	1st PG	21PG09		or CHEMISTRY AND		3 Very interesting
16	KAVYA M PRAMOD	Chemistry	1st PG	21PG13		Eq CHEMISTRY AND		
15								It was an amazing e We prepared carbon
	Sandra Arin Kunju	Chemistry	1st PG	21PG15		00(CHEMISTRY AND		8 We are so satisfied
0	SREELAKSHMI A P	MSc.Chemistry	2nd PG	20PG22		na CHEMISTRY- INST		Control of the Contro
7	Ebin aureah	M.Sc Chemistry	1st PG	21PG02		ALL CHEMISTRY AND		'1 Really helpful as a ci
8	Arya PJ	MSc Chemistry	1st PG	21pg10		g CHEMISTRY AND		2 Interesting
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19	Alswarya KJ	Chemistry	2nd PG	20PG01	alswaryajayan1999	ME CHEMISTRY INST	RUI 906166246	i3 Excellent
ñ	Christy-Gigl	Chemistry	1st PG	21PG11		nail CHEMISTRY AND		It was amazing work 8 We prepared carbon
12	ASWIN RAJ	CHEMUSTRY	2nd PG		07 aswinraj158@gma			Excellent experience
3	Harilal C 5	Chemistry	1st PG	21PG03		@g CHEMISTRY AND		6 It was amazing to w
4	Neenu Thomas	MSc Chemistry	2nd PG	076	roslinthomas90@g	THE CHEMISTRY- INST	RUI 808692375	7 Very good class. Cla
8	Sneha George	Chemistry	2nd PG	20PG21	snehageorge0007(Sig CHEMISTRY-INST	RUI 949756760	19 Lenjoyed the course
16	JAYAKRISHNAN V	M.sc chemistry	1st PG	21PG04		9@ CHEMISTRY AND		It's very interesting a 12 Each and every thing
27	Anju K V	Chemistry	2nd PG	007	anjuktcy53@gmail.	COLCHEMISTRY INST	RUI 751076609	5 Good
100	Akhila Johny	MSc chemistry	1st PG		1 akhilajohny001@gr	ma CHEMISTRY AND	LIFE 623857607	11 Very good
19	Sebin Sebastian	Chemistry	1st PG	21PG06	sebinsebastian175	CHEMISTRY AND	LIFE+918304068625	Very interesting clas
10	HRIDHYA SURESH K	Msc. Chemistry	2nd PG	20PG15	hridhyasuresh1999	@ CHEMISTRY- INST	RUI 907291471	5 Excellent
17	Manya Jeby	Chemistry	2nd PG	20Pg17	mariyajeby99@gm	nil CHEMISTRY-INST	RUI 80787621	5_
17	Geethu Krishnan J	Msc Chemistry	1st PG	21pg12	krishnangeethu566	@ CHEMISTRY AND	LIFE 964511592	6 Excellent classes
13	Amala Joy	MSc Chemistry	2nd PG	20PG04	ajoy50074@gmail.	COLCHEMISTRY- INST	RUI B30194244	48 Good
14	Sreefakshmi Sudhaka	Chemistry	1st PB	21PG16	sreelakshmis33333	B@ CHEMISTRY AND	LIFE 808950409	8 Good
5	Ancy V T	Chemistry	2nd PG	006	ancyxt1999@gmail	CCCHEMISTRY- INST	RUI 755881903	7 Good
16	Susmin A.J	m.sc chemistry	1st PG		18 susminjackson@gr	ma CHEMISTRY AND	LIFE 949756403	6 II was great experier
17	Theresa Mathew	Msc. Chemistry	1st PG		19 theresamathew 118	96 CHEMISTRY AND	LIFE 920708380	It was an awesome
10	Lopaz Lucka Edathil	Chemistry	1st PG	21PG05	lopaziucka@gmail.	CO CHEMISTRY AND	LIFF+919846493044	It is a quite an intere
13.	Arundhathy Viswamb	Chemistry	2nd PG	20pg12	arundhathykv00@g	gmi CHEMISTRY- INST	RUI 523512109	12 Excellent
10	Siya Rose	Msc Chemistry	2nd PG	(A)(P)	20 siyarose2000@gm	nii CHEMISTRY INST	RUI 944654640	14 -
1	Anuja Prem	Chemistry	2nd PG			all CHEMISTRY- INST		3 It is very informative
0	Akshaya Tomy	MSc chemistry	2nd PG	20PG03		ign CHEMISTRY- INST		
13.	Christy Sebastian	MSc chemistry	1st PG	21PG01	- I then provide the solve and the	11 CHEMISTRY AND		4 Excellent
14	Apama p	Mac chemistry	2nd PG	20PG10		194 CHEMISTRY- INST		

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Dr. Brincy Mathew

Add-on Course General Coordinator

Principal Deva Matha College Kuravilangad - 686 633