





SSR 5 th CYCLE 2023

1.1.1 Curriculum Planning and Implementation

Affiliated to Mahatma Gandhi University, Kottayam, India NAAC Re-Accredited with A Grade in 4<sup>th</sup> Cycle (CGPA 3.45) www.uccollege.edu.in



#### **TEACHERS' DIARY: Samples**

All the teachers maintain a diary comprising of the primary data on the students they teach, plans for courses, lessons, and student mark list etc. The Teacher's Diary makes it easier for the faculty to navigate through the academic year with methodically prepared data.

**UNION CHRISTIAN COLLEGE** ALUVA - 683 102 **ACADEMIC WORK DIARY** 20.19... - 20.20... Name of the Teacher: Rachel Reena Philo Department



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	FACULTY PROFILE
	: Dr. Rachel Reena Philip
Name  Department	Physics
Designation	
Academic Qualifications	PL-D
Date of joining college	1st June 1989.
Date of Birth	
Employment ID/PEN number	r:
Address (Permanent)	Koppara, U.C.C.
Mobile No.	946345072.
Email	remetara @ gmail Com
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Semester	Programme / Course  B. Se. Jane year (Core)	Semester	Programme / Course		
	(Classical & Q.M ) Physiq	( d d ) passwed -			
Lecture No.	Topics to be covered	Lecture No.	Topics to be covered		
	Quartum mech ( class failue)	12.	Probability Current density		
2.	Wrins & Rayleigh - Jeans.	13.	EBrenifest theorem.		
1	Plancks sad Jaamela	14.	Ebresifest theorem. Ei gen functione verger		
	Photo electric effect	15-	Postulation Q.M.		
	P.E.E. (Contin)	16.	Postulations Q M. Operators Enquetation		
	Compton,	17.	Hermitian operator.		
7.	Bobis Carrespondence, chial nature	18.	or thogonality & normality		
	De-Broglie				
8.	Davisson Germen expl.				
9.	Group & phase vel.				
10	Time dependent schrodingeregm crave for probability derivation				
11,	crave for probability deres is.	4			



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	COURS	E PLAN	
Semester	B Se (119 year Chem Cond.	Semester	Programme / Course
	Programme/Course  B. Se (Mayear Chem Comple)  Chem Phy Moelern Phy & Magnet	(Idx pass)	
Lecture No.	Modern Phy & Magnetices Topics to be covered	Lecture No.	Topics to be covered
1	Str. of alom.	14.	History (Radioactivity)
2	Bobs egn.	13	
3	Bobrego (Cont.).	16	Soddy Figans dipt law Radioactive disintegralen
4	Vector atom model	17	Basic Cornegts allay to
5	Vector atom model (Contr	18	Mean & half life won
6.	L-3 & J-I Coupling	19	Radioactive equilibries
7.	Moment	20	- Radvo autori - Series.
8.	Str. of Nuclous	210	
9.	(Cont)	22.	Properties of truck mita
10	Momond.	23	Radio, Earbor dating.
11.	B. E. of nucleus	24;	". Measura inviset of radional
12.	Fuscion "	2,5, .	Quantum mechanics Inho
13.	Radioactivity	2.6.	Inade quaries Chassicalida



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