SACRED HEART COLLEGE, CHALAKUDY

(AFFILIATED TO UNIVERSITY OF CALICUT)

THRISSUR, KERALA - 680307

AQAR 2021-22

CRITERION II

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

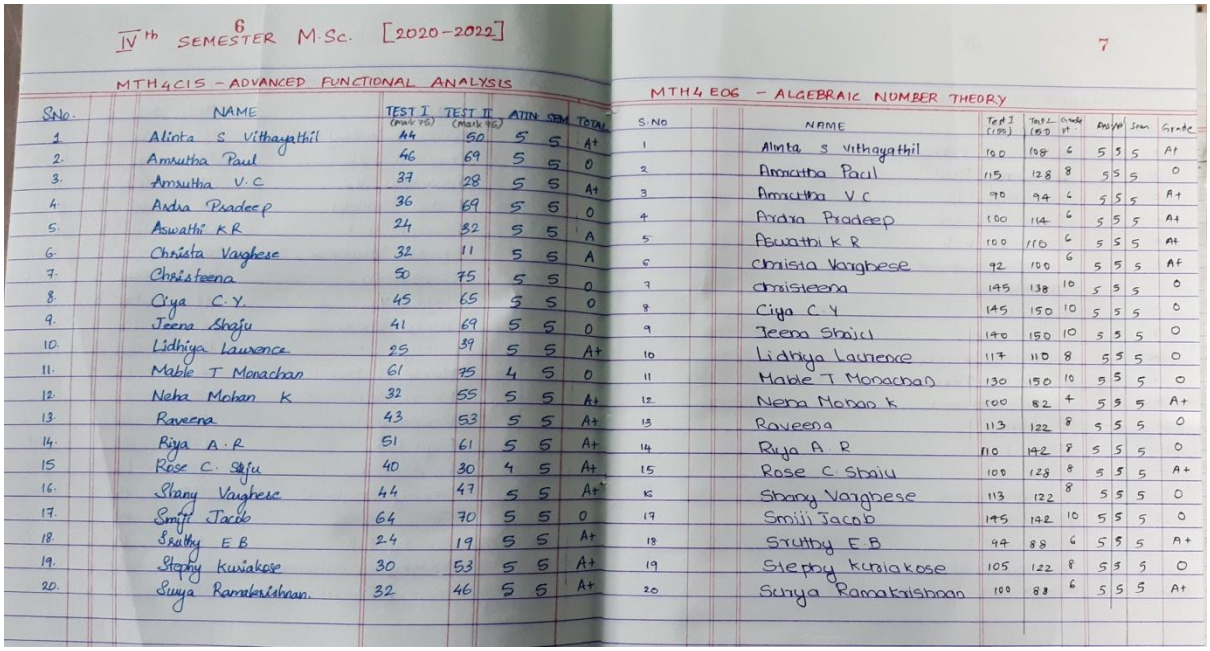


Submitted to

National Assessment and Accreditation Council

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

1. Internals are conducted in a time- bound manner and is a method to evaluate the programme and course outcome of every course in the college. Internal mark book (sample)



IV th SEMESTER M.Sc. [2020-2022] — 6

MTH4CIS - ADVANCED FUNCTIONAL ANALYSIS

SNo.	NAME	TEST I (mark 75)	TEST II (Mark 75)	ATTN	SEM	TOTAL
1.	Alinta S Vithayathil	44	50	5	5	A+
2.	Amsutha Paul	46	69	5	5	O
3.	Amsutha V.C	37	28	5	5	A+
4.	Ardra Pradeep	36	69	5	5	O
5.	Aswathi K R	24	32	5	5	A
6.	Christa Varghese	32	11	5	5	A
7.	Christeena	50	75	5	5	O
8.	Ciya C.Y.	45	65	5	5	O
9.	Jeena Shaju	41	69	5	5	O
10.	Lidhiya Laurence	25	39	5	5	A+
11.	Mable T Monachan	61	75	4	5	O
12.	Neha Mohan K	32	55	5	5	A+
13.	Raveena	43	53	5	5	A+
14.	Riya A.R	51	61	5	5	A+
15	Rose C. Shaju	40	30	4	5	A+
16.	Shany Varghese	44	47	5	5	A+
17.	Smiji Jacob	64	70	5	5	O
18.	Sruthy E.B	24	19	5	5	A+
19.	Stephy kuriakose	30	53	5	5	A+
20.	Surya Ramakrishnan.	32	46	5	5	A+

7

MTH4 EOG - ALGEBRAIC NUMBER THEORY

S.NO	NAME	Test I (150)	Test II (150)	Grade pt	Attn	Sem	Grade
1	Alinta S vithayathil	100	108	6	5	5	A+
2	Amsutha Paul	115	128	8	5	5	O
3	Amsutha V C	90	94	6	5	5	A+
4	Ardra Pradeep	100	114	6	5	5	A+
5	Aswathi K R	100	110	6	5	5	A+
6	Christa Varghese	92	100	6	5	5	A+
7	Christeena	145	138	10	5	5	O
8	Ciya C Y	145	150	10	5	5	O
9	Jeena Shaiu	140	150	10	5	5	O
10	Lidhiya Laurence	117	110	8	5	5	O
11	Mable T Monachan	130	150	10	5	5	O
12	Neha Mohan K	100	82	4	5	5	A+
13	Raveena	113	122	8	5	5	O
14	Riya A R	110	142	8	5	5	O
15	Rose C Shaiu	100	128	8	5	5	A+
16	Shany Varghese	113	122	8	5	5	O
17	Smiji Jacob	145	142	10	5	5	O
18	Sruthy E.B	94	88	6	5	5	A+
19	Stephy kuriakose	105	122	8	5	5	O
20	Surya Ramakrishnan	100	88	6	5	5	A+

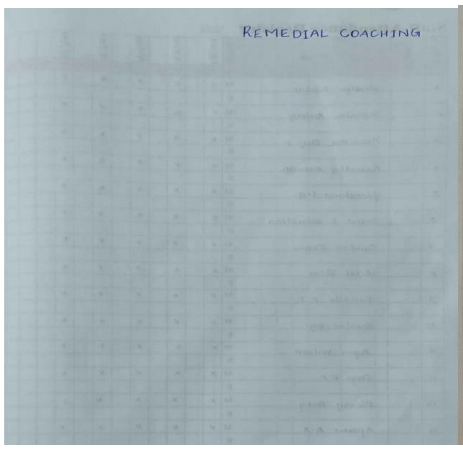


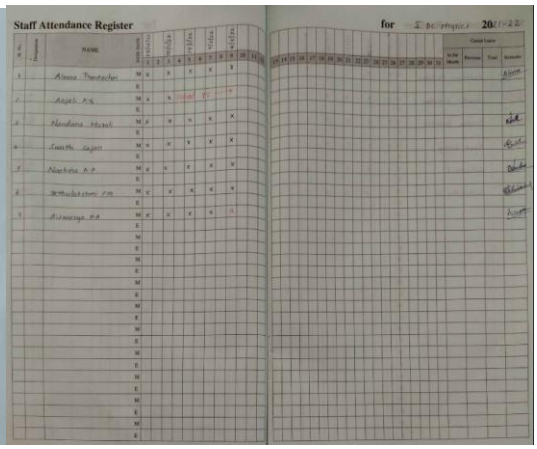
IInd SEMESTER MSc. [2021-2023] — 15

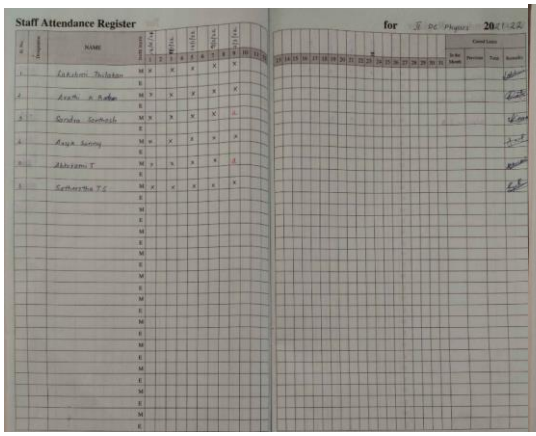
MTH2COG : ALGEBRA II

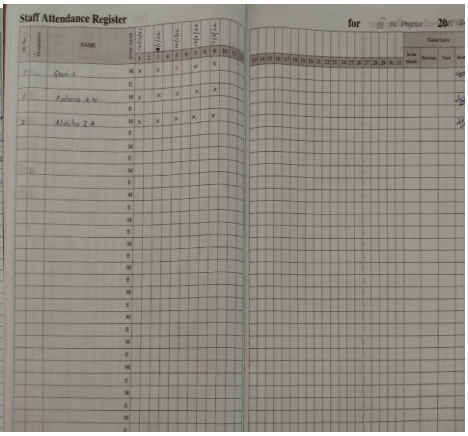
S No	NAME	Test I	Test II	Att	Sem	T
1	Akshara K.C.	92	90	5	5	A+
2	Aleena Wilson	99	102	5	5	A+
3.	Anagha Krishna	99	90	5	5	A+
4	Anju Antony	117	120	5	5	O
5.	Ann Mariya	114	109	5	5	O
6	Anjalakshmi	141	138	5	5	O
7.	Ashna	90	90	5	5	A+
8.	Athulya	99	90	5	5	A+
9.	C.G. Anjana	135	117	5	5	O
10	Christy	141	150	5	5	O
11	Devika	138	132	5	5	O
12.	Hannah	135	90	5	5	O
13	Jeneesha	114	114	5	5	O
14.	Megha	138	132	5	5	O
15	Nigitha	132	138	5	5	O
16	Rosna	54	90	5	5	A+
17.	Sneha	129	117	5	5	O

2. Remedial coaching is given to weak students in order to help them to meet the COs and POs of their course.









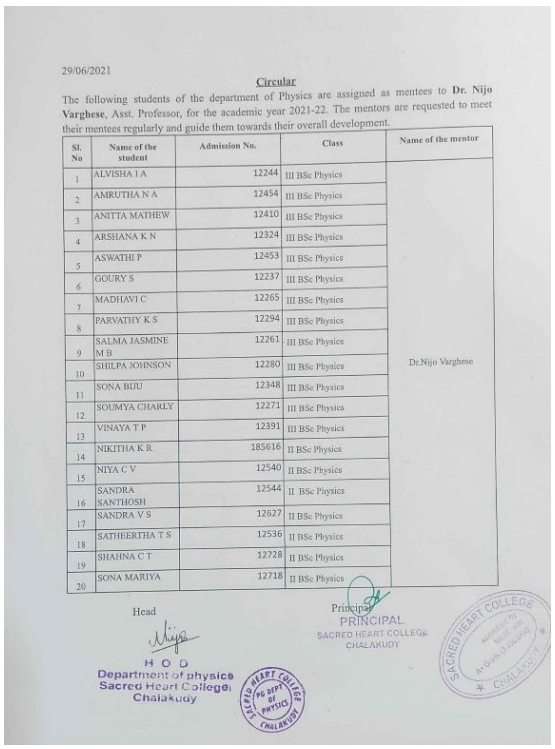
3. Counselling and individual attention are given to those students who are struggling in both academic and non-academic areas.







4. Mentoring is a practice in all the departments of the institution whereby teachers of every department identify their both advanced and slow learners. This practice helps in evaluation and realisation of POs and COs.



29/06/2021

Circular

The following students of the department of Physics are assigned as mentees to **Dr. Nijo Varghese**, Asst. Professor, for the academic year 2021-22. The mentors are requested to meet their mentees regularly and guide them towards their overall development.

Sl. No	Name of the student	Admission No.	Class	Name of the mentor
1	ALVISHA I A	12244	III BSc Physics	Dr.Nijo Varghese
2	AMRUTHA N A	12454	III BSc Physics	
3	ANITTA MATHEW	12410	III BSc Physics	
4	ARSHANA K N	12324	III BSc Physics	
5	ASWATHI P	12453	III BSc Physics	
6	GOURY S	12237	III BSc Physics	
7	MADHAVI C	12265	III BSc Physics	
8	PARVATHY K S	12294	III BSc Physics	
9	SALMA JASMINE M B	12261	III BSc Physics	
10	SHILPA JOHNSON	12280	III BSc Physics	
11	SONA BIJU	12348	III BSc Physics	
12	SOUMYA CHARLY	12271	III BSc Physics	
13	VINAYA T P	12391	III BSc Physics	
14	NIKITHA K R	185616	II BSc Physics	
15	NIYA C V	12540	II BSc Physics	
16	SANDRA SANTHOSH	12544	II BSc Physics	
17	SANDRA V S	12627	II BSc Physics	
18	SATHEERTHA T S	12536	II BSc Physics	
19	SHAHNA C T	12728	II BSc Physics	
20	SONA MARIYA	12718	II BSc Physics	

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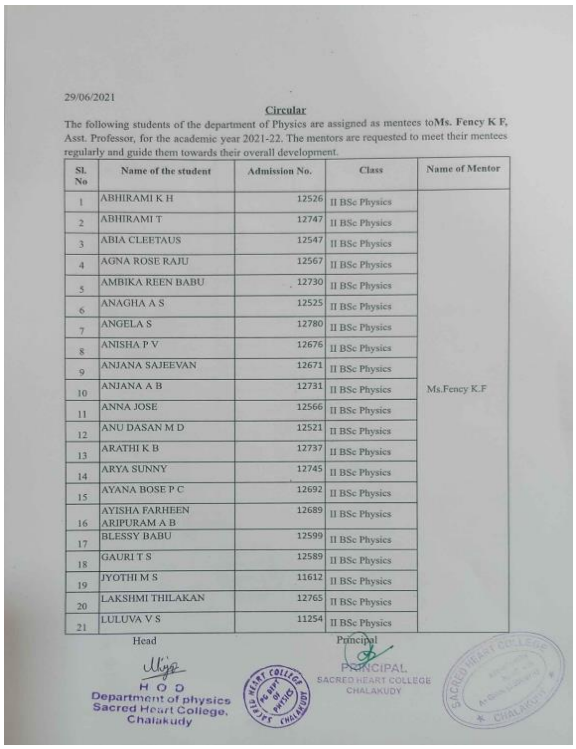

29/06/2021

Circular

The following students of the department of Physics are assigned as mentees to**Ms. Fency K F,** Asst. Professor, for the academic year 2021-22. The mentors are requested to meet their mentees regularly and guide them towards their overall development.

Sl. No	Name of the student	Admission No.	Class	Name of Mentor
1	ABHIRAMI K H	12526	II BSc Physics	Ms.Fency K.F
2	ABHIRAMI T	12747	II BSc Physics	
3	ABIA CLEETAUS	12547	II BSc Physics	
4	AGNA ROSE RAJU	12567	II BSc Physics	
5	AMBIKA REEN BABU	12730	II BSc Physics	
6	ANAGHA A S	12525	II BSc Physics	
7	ANGELA S	12780	II BSc Physics	
8	ANISHA P V	12676	II BSc Physics	
9	ANJANA SAJEEVAN	12671	II BSc Physics	
10	ANJANA A B	12731	II BSc Physics	
11	ANNA JOSE	12566	II BSc Physics	
12	ANU DASAN M D	12521	II BSc Physics	
13	ARATHI K B	12737	II BSc Physics	
14	ARYA SUNNY	12745	II BSc Physics	
15	AYANA BOSE P C	12692	II BSc Physics	
16	AYISHA FARHEEN ARIPURAM A B	12689	II BSc Physics	
17	BLESSY BABU	12599	II BSc Physics	
18	GAURI T S	12589	II BSc Physics	
19	JYOTHI M S	11612	II BSc Physics	
20	LAKSHMI THILAKAN	12765	II BSc Physics	
21	LULUVA V S	11254	II BSc Physics	

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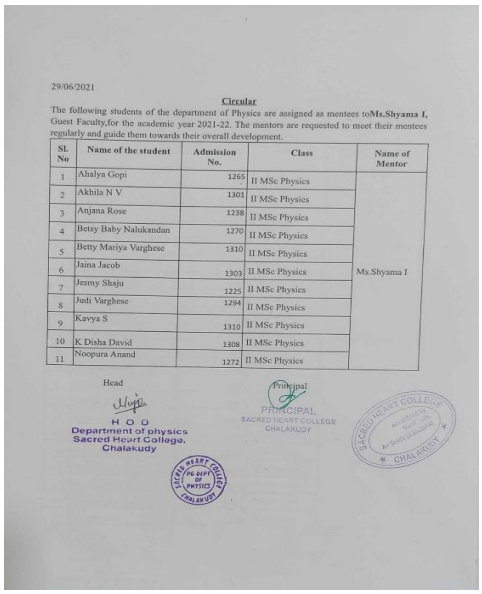

29/06/2021

Circular

The following students of the department of Physics are assigned as mentees to**Ms.Shyama I,** Guest Faculty,for the academic year 2021-22. The mentors are requested to meet their mentees regularly and guide them towards their overall development.

Sl. No	Name of the student	Admission No.	Class	Name of Mentor
1	Ahalya Gopi	1265	II MSc Physics	Ms.Shyama I
2	Akhila N V	1301	II MSc Physics	
3	Anjana Rose	1238	II MSc Physics	
4	Betsy Baby Nalukandan	1270	II MSc Physics	
5	Betty Mariya Varghese	1310	II MSc Physics	
6	Jaina Jacob	1303	II MSc Physics	
7	Jesmy Shaju	1225	II MSc Physics	
8	Judi Varghese	1294	II MSc Physics	
9	Kavya S	1310	II MSc Physics	
10	K Disha David	1308	II MSc Physics	
11	Noopura Anand	1272	II MSc Physics	

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01/02/2022

Circular

The following students of the department of Physics are assigned as mentees to **Ms. Libi Prakash**,Guest faculty , for the academic year 2021-22. The mentors are requested to meet their mentees regularly and guide them towards their overall development.

Sl. No	Name of the student	Admission No.	Class	Name of Mentor
1	Aiswarya P A	12851	I BSc Physics	Ms.Libi Prakash
2	Aleena Thankachan	12881	I BSc Physics	
3	Alisha Shaji	12870	I BSc Physics	
4	Angel Rose Baiju	12909	I BSc Physics	
5	Anjana Raj M	12898	I BSc Physics	
6	Ann Mary Joy	12828	I BSc Physics	
7	Anna Rose Shajan	12950	I BSc Physics	
8	Ashmi Joy	12832	I BSc Physics	
9	Devika K S	12921	I BSc Physics	
10	Gopika A M	12977	I BSc Physics	
11	Megha Ks	12978	I BSc Physics	
12	Nandana Murali	12888	I BSc Physics	
13	Niha Moosa	12988	I BSc Physics	
14	Noohina K P	12981	I BSc Physics	
15	Revathy Menon	13003	I BSc Physics	
16	Riniya Shaju	12982	I BSc Physics	
17	S M Chindha	12957	I BSc Physics	
18	Sethulakshmi P M	12960	I BSc Physics	
19	Shahima Azad	12953	I BSc Physics	
20	Swathi Sajan	12961	I BSc Physics	
21	Vafa Mariyam	12916	I BSc Physics	

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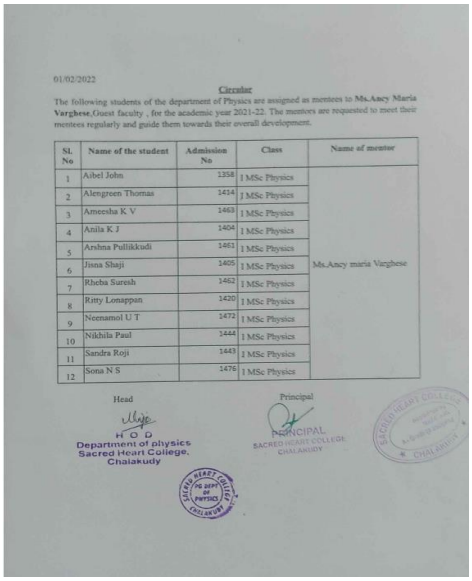

01/02/2022

Circular

The following students of the department of Physics are assigned as mentees to **Ms.Ancy Maria Varghese**,Guest faculty , for the academic year 2021-22. The mentors are requested to meet their mentees regularly and guide them towards their overall development.

Sl. No	Name of the student	Admission No	Class	Name of mentor
1	Aibel John	1358	I MSc Physics	Ms.Ancy maria Varghese
2	Alengreen Thomas	1414	I MSc Physics	
3	Ameesha K V	1463	I MSc Physics	
4	Anila K J	1404	I MSc Physics	
5	Arshna Pullikkudi	1461	I MSc Physics	
6	Jisna Shaji	1405	I MSc Physics	
7	Rheba Suresh	1462	I MSc Physics	
8	Ritty Lonappan	1420	I MSc Physics	
9	Neenamol U T	1472	I MSc Physics	
10	Nikhila Paul	1444	I MSc Physics	
11	Sandra Roji	1443	I MSc Physics	
12	Sona N S	1476	I MSc Physics	

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Mentoring Report 2021-22
Department of Commerce

Teacher in Charge Adv. P S Najeeb

In accordance with the discussions and conclusions reached at the first departmental meeting of the academic year, the department has assigned the mentoring of the students to various faculties. Each mentor had mentees who were both undergraduate and graduate students. Information about mentorship is kept confidential by the department. Mentoring has both intellectual and personal benefits for students.Academically, several students excelled. Counselling was suggested to some students in this session, particularly those who had serious home issues and lacked the motivation to study.

Teacher in Charge: Ms Revathy M S

Students who felt less confident in their academic efforts received the appropriate assistance. The students who were experiencing significant issues were advised to seek counselling.
Based on interactions with the students, many aspects of their personalities would be described. A wide range of subjects were discussed, from difficulties in schooling to problems in families. Additionally, a lot of students had health problems.

Teacher in Charge :Ms Divya Rajan

The mentoring session is being attended by 30 students.The mentorship programme for students in 2021-22 has been carried out successfully and to the benefit of the students, in accordance with the decision made at the beginning of the academic year.

Every student had a one-on-one meeting with the teacher. Some of them seem to be genuinely interested in pursuing higher education and their interests. In the classroom, lots of people do well. Some of the students lacked faith in their capacity for academic success. The appropriate advice was given to them.

They were also told about the employment opportunities open to them once they received their degree.For students whose domestic issues appeared to trouble them to the point of hurting even their academic performance, counselling was advised.

Teacher in Charge:Ms Anju P A

Thirty students are present for the mentorship session. According to the decision taken at the beginning of the academic year, the mentorship programme for students in 2021-22 –21 has been carried out successfully and in the interest of the students.
With each student, there were individual meetings. Some of them seem to be really interested in going to college and are giving their studies their whole attention. Many people perform well in the classroom. Students who appeared to be so distressed by their home situations that it even affected their academic performance were advised to seek counseling.The employment alternatives open to them after getting their degree were also disclosed to them.

Teacher in Charge: Ms Farsana P M

Based on interactions with them, many characteristics of the personalities of the students would be described. The conversation covered a wide range of subjects, from difficulties in the classroom to problems in the family. Numerous students also experienced health problems.

Teacher in Charge:Ms Shinu Joy

All of the students demonstrated a commitment to hard effort and a genuine enthusiasm for learning. It was established with students suffering academically, and proper remedial coaching was provided to them. They were also told about the employment opportunities open to them once they received their degree.Each student had their own private meeting. Some of them seem to be genuinely interested in going to college and are dedicated to their academics.

Teacher in Charge:Ms Sruthy P K

Every student had a one-on-one meeting with the teacher. Some of them seem to be genuinely interested in pursuing higher education and their interests.
The students were all hard workers who were really interested in learning. The students that need remedial tutoring were identified as those who struggle academically. Additionally, they received information about the employment opportunities open to them once they received their degree.

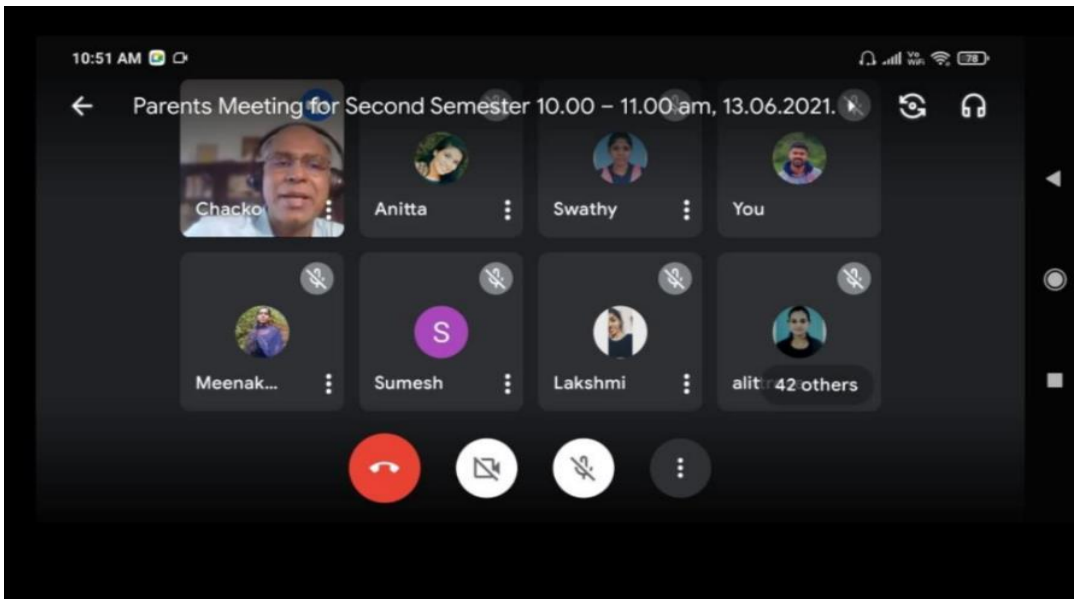
Teacher in Charge:Ms Keerthana T U

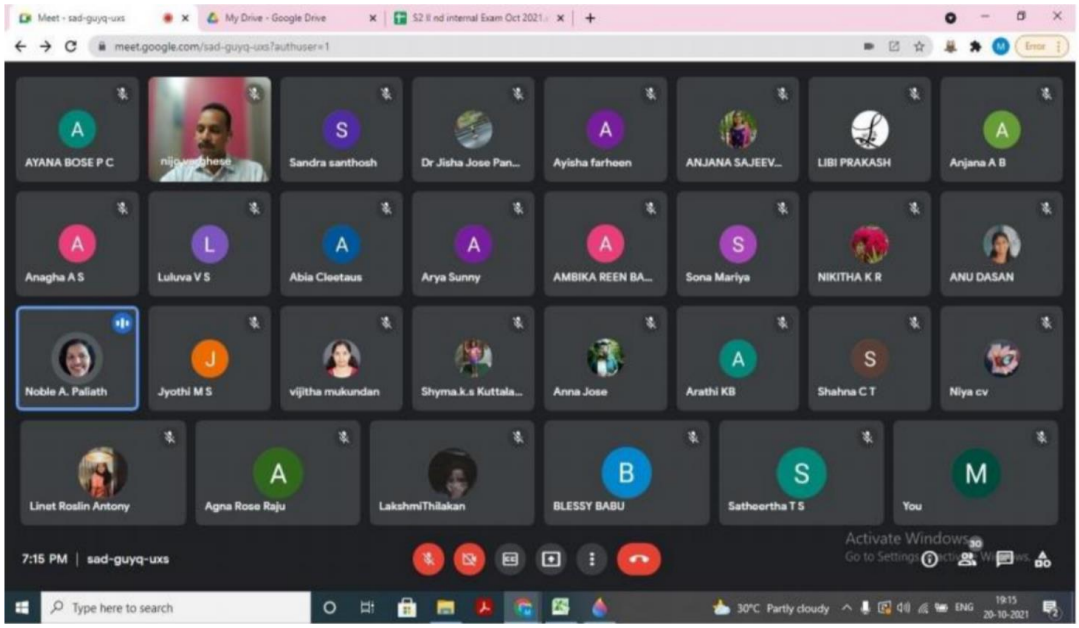
Academically, several students did particularly well. Counselling was recommended to some students in this session, particularly those who had serious family issues and lacked the motivation to learn.The students were discussed with regard to their academic and personal backgrounds. Their objectives, emotions, interests, and hobbies are also sought after. Some students' houses had problems. The students who weren't doing well academically received remedial coaching.

Teacher in Charge:Ms Anchu K S

Several students excelled in their academics. Some students in this class received counselling recommendations, especially those who had significant home problems and lacked academic interest. The academic and personal backgrounds of the students were discussed. In addition, people are interested in their goals, feelings, interests, and pastimes. Some students' homes experienced issues. Remedial coaching was given to the students who weren't doing well in their academic studies.

5. Meeting of Parents and Teachers is a regular practice of the college. This enables the departments to evaluate and analyse each student.





6. House Visits are done by the teachers to better understand the background of the students and thereby helping the students to attain the POs and COs.





7. Alumni Interactions highlighting their achievements are conducted to encourage and motivate the students.





8. Motivational Talks are given to students at regular intervals to afford a platform for self-evaluation.





9. Student induction programme is the initial step to familiarise students about the POs and COs.





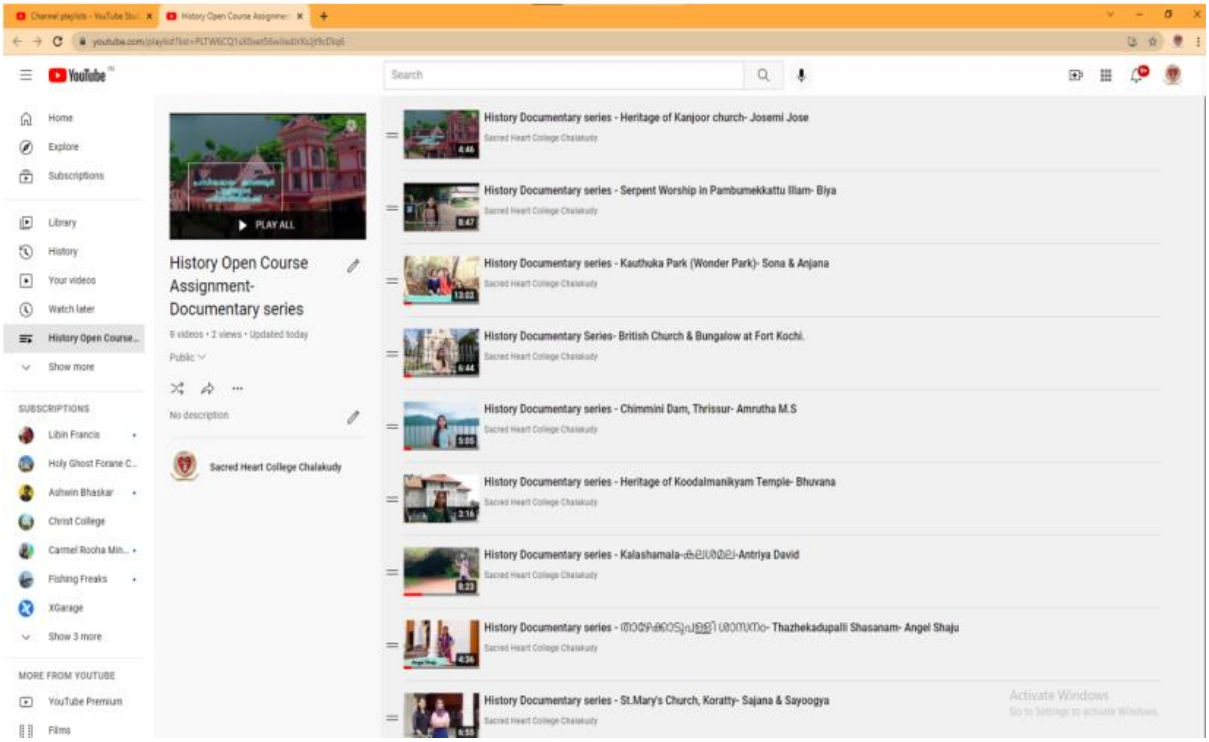
10. Placements and progression are the best outputs with regard to the evaluation of POs and COs of every course offered by the college.

Career cell





11. The Documentary series of History department is another example of the attainment of POs and COs.





Tracing out local History

Open Course Documentary Series

Report of the Activities in 2021

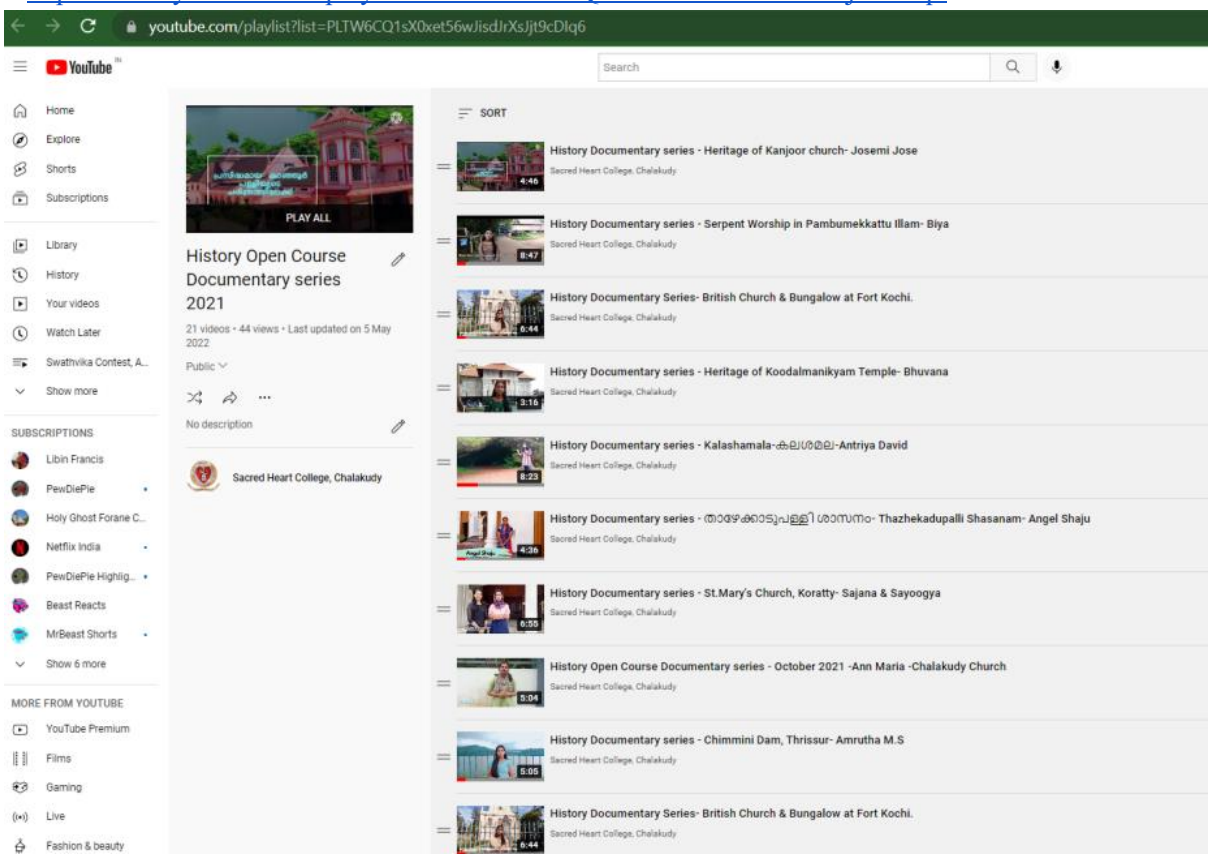
Date of activity - October 2021 onwards.

This year, the Department of History offered the Open Course named Historical Tourism for the students as part of their V Sem course. The course requires the students to have a great deal of awareness among the students regarding the heritage and natural characteristics of different places in India and particularly in Kerala and its local areas. The creation of documentary is a part of the extension activity by the department through digital platform. The students are asked to visit different places accessible to them and prepare a Documentary on the site. The location coordinates, means of transportation, history of the place and place name, important features of the site etc are described in detail in the video. There were several restrictions to access several places due to Covid pandemic. But students managed to prepare more than 20 documentaries. The students can prepare documentaries individually or they can do as a group activity.

Details- As part of the assignment for the students, they are asked to identify some of the heritage monuments or sites or art forms in their locality. This activity enabled the students to get aware of the social and cultural arenas around them. They had to do a short documentary video on the sam.e and send it to the faculty. The documentaries were released to the College Youtube Channel for the public to understand the heritage introduced by the students. The documentaries are released from the months of September and October 2021.

YoutubeLinkandScreenshot -

- https://www.youtube.com/playlist?list=PLTW6CQ1sX0xet56wJisdJrXsJjt9cDIq6



12. Online tutorial series conducted by the Chemistry department is an example of attainment of COs and POs.

Student Online tutorials of Chemistry

Experiments Coordinated by the Department of Chemistry during 2021-22

With the need of moving to online classes due to the spread of coronavirus, there has been a sudden need to prepare the students and educators for a rapid change in working environment. We prepared a number of videos as a resource for teaching and presenting chemistry practicals for the students studying plus two and B.Sc Chemistry Complementary course as part of the extension activity of the department. In these videos, we share the experience of doing the experiment in the laboratory and the video is seasoned with the theory and method of the experiments.

By taking part in the preparation of online tutorials, students acquired ICT skills and presentation skills which is an unavoidable tool in this digital world. These videos encourage the student learners to understand the core concepts of chemistry practicals thoroughly so that they could easily adapt to their classroom when the offline classes begin.

The online tutorial program is coordinated by Dr. Santhosh Paul, Assistant Professor and Head of the Department of Chemistry. The third year degree students and second year MSc students were divided into seven groups comprising five students. They actively engaged in preparing seven videos under the guidance of faculty of the department and these videos were published in the Youtube channel of our college.

List of youtube videos is shown below:

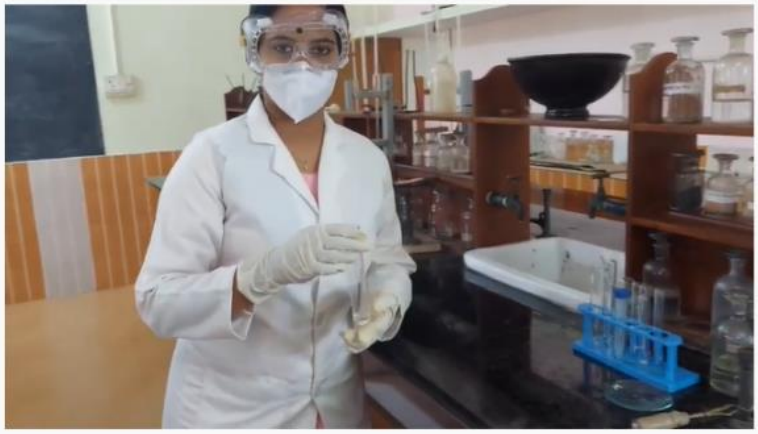
Tutorials For	Experiment	Link
B.Sc Chemistry Complementary	Cation Analysis	https://youtu.be/qIU4nWvtm-k
plus two	Acidimetric titrations	https://youtu.be/6a1V3IEihtQ
plus two	Permanganometric titrations	https://youtu.be/otrOt60DUvU
plus two	Introduction of lab glassware	https://youtu.be/sQloBj FcqA
B.Sc students and plus two students	Introduction to instruments	https://youtu.be/e6XGge3Dcrc
plus two	Dichromatic titrations	https://youtu.be/Plgb3N57d74
plus two	Complexometric titrations	https://youtu.be/yUdhmu8vPF Q

Screenshot of video “Cation Analysis” uploaded in the YouTube Channel

youtube.com/watch?v=qlU4nWvtm-k

YouTube IN

Search



Students Tutorials for B Sc. Complementary: Analysis of cations in solution

162 views • Oct 28, 2021 8 DISLIKE SHARE CLIP SAVE ...

Sacred Heart College, Chalakudy
4.43K subscribers

SUBSCRIBE

Department of Chemistry
Sacred Heart College, Chalakudy

https://www.youtube.com/watch?v=7C33Pkra_xE

All | Chemical reactions



QA - Test for cations
BGSS Science
123K views • 5 years ago



Systematic Analysis of...
shalini Puthussery
2.1K views • 1 year ago



Experiment 10- Amino acids...
chhavi singh
27 views • 2 days ago
New



Introduction to Vectors Class...
Aakash BYJU'S N...
98 watching
LIVE



Titration - KMnO4 Vs...
Science Think
673K views •

youtube.com/watch?v=otrOt60DUvU

YouTube IN

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Students tutorials for plus two students: Permanganometry titrations

134 views • Oct 28, 2021 22 DISLIKE SHARE CLIP SAVE ...

Sacred Heart College, Chalakudy
4.43K subscribers

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All | Chemical reactions | Related



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Vishnu Thumma
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13.. Participations in various subject-related quiz programmes



Intercollegiate energy Quiz Competition held on 22/08/2022 in association with Energy Conservation Society (EMCS) and Energy Management Center, Kerala at college auditorium.



14. The assignments and seminars prepared by the students also help in the assessment of POs and COs.



Antiseptics

- Chemicals which are used to prevent the growth of or kill Microorganisms are called antiseptics.They are not harmful to living tissues and hence can be safely applied on cuts,wounds, ulcers etc.



