2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

ADVANCED LEARNERS AND SLOW LEARNERS
APTITUDE TEST 2023
DEPARTMENT OF ECONOMICS

The Department of Economics conducts Aptitude test in every academic year for the first year students to determine their analytical and problem solving skills. The question paper contains basic mathematics including numerical reasoning, English grammar, general knowledge, plus to level economics, logical reasoning…etc. We give more emphasis to mathematics, as several papers take a mathematical approach. Thus department identifies the Advanced learners, Average learners and Slow learners at the very beginning of graduate education. The department provides challenging tasks for advanced learners and bridge course in Mathematics for slow learners.

Academic Year – 2023-24

Date: 15/11/24

I BA Economics

Sl No	Name of Students	Marks				Selected
		Entry Level Test (50)	Interview (30)	Qualifying Exam (20)	Total (100)	
1	Aaliya P H	40	20	15	75	Advanced Learners
2	Abhirami Asokan	30	15	15	60	Average Learners
3	Abirami A B	20	10	10	40	Slow Learners
4	Aiswarya K U	20	10	10	40	Slow Learner
5	Akila P S	10	10	10	30	Slow Learner
6	Aleena Jaison	25	10	10	45	Average Learners
7	Alima M T	20	10	10	40	Slow Learners
8	Anagha V K	28	10	10	48	Average Learners
9	Anagha P S	20	10	10	40	Slow Learners

10	Anagha Xavier Anil	30	20	10	60	Average Learner
11	Anakha P S	20	10	10	40	Slow Learner
12	Ananya K J	25	15	10	50	Average Learners
13	Anjana Chandran	40	20	15	75	Advanced Learners
14	Devika. A.J	30	25	20	75	Advanced Learners
15	Jilka P Jose	40	20	15	75	Advanced Learner
16	Juliya Joby	15	10	10	35	Slow Learners
17	Kavya A U	30	17	15	62	Average Learner
18	Mamtha Dileep	25	15	10	50	Average Learners
19	Meenu Varkey	40	30	20	100	Advanced Learner
20	Nafeela	40	18	17	75	Advanced Learner
21	Nayana K	30	10	10	50	Average Learners
22	Sandra A S	23	15	15	53	Average Learners
23	Sandra Sasi	30	15	15	60	Average Learners
24	Saranya V	30	15	15	60	Average Learners
25	Silsha Das K S	21	10	10	41	Slow Learners
26	Sivani T G	30	15	15	60	Average Learners
27	Smruthi Rajesh	20	15	12	47	Average Learners
28	Sreekutty K J	40	20	15	75	Advanced Learners
29	Sreekutty M S	15	10	10	35	Slow Learners

30	**Huvainath Hasna Ashraf**	**15**	**10**	**10**	**35**	**Slow Learners**
31	**Sona K S**	**15**	**10**	**10**	**35**	**Slow learners**

Above 75% - Advanced Learner, 45 % -74% - Average Learner, Below 44% - Slow Learners

List of Advanced Learners

Sl.No	Name of Student
1	Aaliya P H
2	Anjana chandran
3	Devika A J
4	Nafeela
5	Jilka P Jose
6	Sreekutty K J

List of Slow Learners

Sl.No	Name of Student
1	Abhirami A B
2	Aiswarya K U
3	Akhila P S
4	Alima M T
5	Anagha P S
6	Anakha P S
7	Juliya Joby
8	Silsha Das K S
9	Sreekutty M S
10	Huvainath Hasna Ashraf
11	Sona K S

DEPARTMENT OF ECONOMICS, SACRED HEART COLLEGE, CHALAKUDY

APTITUDE / AWARENESS TEST FOR STUDENTS WHO TOOK ADMISSION FOR BA ECONOMICS COURSE IN 2023

Name of the Student: …….....Marks for SSLC ……..% Plus Two .....%

Dear student, the purpose of this test is to understand your aptitude and level of understanding of basic concepts in Microeconomics, Macroeconomics, Mathematics, Indian Economy and General Knowledge. Attempt all questions. Tick the correct option. You can take 1 Hour to answer the questions.

1. The term Economics derived from			
a) Oikonomia	b) Mikros	c) Oikonomikos	d) Makros
2. Who is known as Father of Indian Economics ?			
a) J M Keynes	b) Adam Smith	c) Paul A Samuelson	d) Dada Bhai Naroji
3. The term Micro economics was first used by			
a) J M Keynes	b) Adam Smith	c) Paul A Samuelson	d) Ragner Frisch
4. Ratio of the percentage change in quantity demand to the percentage change in price			
a) Price elasticity	b) Demand	c) Supply	d) Income elasticity
5. Want satisfying power of a commodity			
a) Utility	b) Demad	c) Supply	d) None of these
6. Economics is the study of			
a) Production technology	b) The best way to run society	c) Consumptions decisions	d) How society decides what, how, and for whom to produce
7. Mixed economy means			
a) Economic problems are solved by the government and market	b) Economic decisions are made by the private sector and free market	c) Economic allocation is achieved by the invisible hand	d) Economic questions are solved by government departments.
8. The General Theory of Employment and Money Interest is published by			

a) Karl Marx	b) J B Say	c) J M Keynes	d) Amarthya Sen
9. The supply of goods refers to			
a) Stock available for sale	b) Total stock in the warehouse	c) Actual production of the good	d) Quantity of the good offered for sale at a particular rice per unit of time
10. The opportunity cost of a good is			
a) The time lost in finding it	b) The quantity of other goods sacrificed to get another unit of that good	c) The expenditure on good	d) The lost of interest in using savings
11. Macro economics is the study of			
a. House hold purchase decisions	b. The economy as a whole	c. The study of individual economic behaviour	d. The study of individual economic behaviour
12. MPC refers to			
a. Marginal Propensity to Save	b. Marginal Propensity to Consume	c. Marginal Propensity to counting	d. None of the options
13. Who is the founding father of marcoeconomics ?			
a. Adam Smith	b. J M Keynes	c. Paul A Samuelson	d. None of the Above
14. GNP – Depreciation is called			
a. GDP	b. NNP	c. PCI	d. PI
15. RBI was established in			
a. 1930	b. 1935	c. 1947	d. 1945
16. Money Multiplier is			
a. M - H	b. M + H	c. M/H	d. H/M
17. If MPS is 0.7 , then MPC is			
a. 1	b. 0.3	c. 0.7	d. 0
18. Multipler is equal to			
a. 1/ 1-MPC	b. 1/1+MPC	c. 1/ MPC+ MPC	d. None of these

19. Which among the following is a tax revenue ?			
a. Fees	b. Fines	c. Penalities	d. GST
20. If Exports >Imports, it represents			
a. Trade Surplus	b. Trade Balance	c. Trade deficit	d. None of these
21. $(x^a)(x^b)$ =			
a. X^{a+b}	b. X^{ab}	c. X^{a-b}	d. 0
22. $X^a \div X^b$ =			
a. X^{a+b}	b. X^{a-b}	c. X^{ab}	d. 0
23. $(x^a)^b$ =			
a. X^{ab}	b. X^{a+b}	c. X^{a-b}	d. 0
24. $1/x^a$ =			
a. X^{-a}	b. $1 / x^1$	c. 0	d. 0
25. Root of x			
a. $X^{1/2}$	b. x	c. 0	d. 1
26. "a" root x =			
a. $x^{1/a}$	b. $x^{1//2}$	c. $x^{a/2}$	d. 1
27. $4x^5 + 9x^5$ =			
a. $13x^2$	b. $13x^{10}$	c. $49x^5$	d. $36x^5$
28. a^0 =			
a. 1	b. 0	c. a	d. constant
29. $5x^2 - 125 = 0$			
a. 5	b. -5	c. Both a & b	d. 0
30. 5x+6 = 9x-10.What is the value of x			
a. 4	b. 5	c. 0	d. -1
31. Human Development Index rank of India in 2023 is ……			
a. 131	b. 132	c. 133	d. 134
32. Which of the following replaced planning commission?			
a. UPSC	b. NITI ayog	c. UGC	d. None of these
33. Who is known as Father of planning in India ?			
a. Gandhiji	b. Jawaharlal Nehru	c. M. Vishwesharayya	d. Dada Bhai Naroji
34. What is GST which was introduced in India in 2017 ?			
a. General Sales Tax	b. Goods and Services Tax	c. Government Suggested Tax	d. Government Subcidy Tax

35. When was the first five year plan was started ?			
a. 1949	b. 1950	c. 1951	d. 1954
36. Garibi Hatao is associated with			
a. First five year plan	b. Fifth five year plan	c. Fourth five year plan	d. Third five year plan
37. The budget was formally introduced in India			
a. 1860	b. 1947	c. 1950	d. 1868
38. Education is included in the			
a. Union List	b. State List	c. Concurrent List	d. None of these
39. New Economic Policy was introduced in the year			
a. 1990	b. 1991	. 1886	d. 1993
40. On which date Budget is presented in India			
a. March 1 st	b. January 1 st	c. February 1st	d. December 1st

Read the following passage and answer questions 41 to 45 The independence-era Indian economy (from1947 to 1991) was based on a mixed economy combining features of **capitalism** and socialism, resulting in an inward-looking, interventionist policies and import substituting economy that failed to take advantage of the post-war expansion of trade. This model contributed to **widespread** inefficiencies and corruption, and the failings of this system were due largely to its poor implementation. In 1991, India adopted **liberal** and free-market principles and liberalized its economy to international trade under the guidance of Manmohan Singh, finance minister from 30 November 2009 to 24 January 2010, and previously under the leadership of P.V. Narasimha Rao, prime minister from 1991 to 1996, who had eliminated License Raj, a pre- and post-British era **mechanism** of strict government controls on setting up new industry. Following these major economic reforms and a strong focus on developing national infrastructure such as the Golden Quadrilateral project by Atal Bihari Vajpayee, prime minister, the country's economic growth progressed at a rapid pace, with relatively large increases in percapita incomes

41. What kind of economy was of India in the Independent Era ?			
a. Capitalism	b. Socialism	c. Mixed	d. None of these
42. Golden Quadrilateral project was started by			
a. P.V. Narasimha Rao	b. Atal Bihari Vajpayee	c. Manmohan singh	d. Jawahar Lal Nehru
43. According to the passage which model contributes to widespread inefficiencies and corruption			
a. Lack of interest of authorities	b. Free market principles	c. Mixed economy	d. Liberalization
44. Choose the word that is SAME in meaning to the word as used in the passage LIBERAL			
a. Advance	b. conservative	c. free	d. None of these

45. Choose the word that is OPPOSITE in meaning to the word as used in the passage WIDESPREAD			
a. epidemic	b. concentrated	c. local	d. popular
46. Who is the current RBI Governor ?			
a. Raguram Rajan	b. Sakthikanth Das	c. Urjith Patel	d. Arun jaitely
47. Who is the current Finance Minister of India ?			
a. Thomas Issac	b. Arun jaitely	c. Nirmala Sitharaman	d. Raguram Rajan
48. June 21 st is observed as world …….. day			
a. Tourism	b. Population	c. Yoga day	d. Environment
49. Who won Nobel Prize in Economics in 2022 ?			
a. Abhijith Banerjee	b. David Card, Joshua D Angrist and Guido W Imbens	c. Ben Bernanke, Douglas Diamond and Phillip Dybvig	d. None of these
50. Who won the world chess championship in 2023 ?			
a.Viswanathan Anand	b.Magnus Carlsen	c. Ding Liren	d. Lovlina Borgohain

Peer learning

Topic: Theory of Demand.

Date: 20/12/2023

	Name of student	Sign
1	Sandra. AS	
2	Sandra. Sasi	
3	Abhirami Asokan	
4	Silsha Das. K.S	
5	Anakha. P.S	
6.	Akila P.S	
7.)	Swathi Rajesh	
8.	Abirami. A.B	
9.	Anagha.ps	
10.	Alima M.T	

Peer learning

Topic: circular flow of economy

Date : 27/03/2024

	Name of student	Sign
1	Sandra AS	Sandra AS
2.	Sandra Sasi	Sans
3	Anagha P S	Anagha
4.	Alima MT	Alima
5.	Akhila P.S.	Akhila 13/3/2001
6.	Silsha Das KS	Silsha Das KS
7	Smruthi Rajesh	Smruthi

2.2.1 Assessment of the learning levels of the students (Department of Mathematics)

Advanced and slow learners (2023-24)

The students of the department were categorized as advanced and slow learners on the basis of test papers conducted and their other skills. There were advanced learners who were encouraged to participate in intercollegiate competitions. Various seminars were organized by the department to develop their skills in mathematics. Others were motivated to work harder. Peer teaching helped the average students to improve. Slow learners were given extra classes and doubt clarification sessions.

II M.Sc Mathematics

Slow Learners	**Medium Learners**	**Advanced learners**
Kripamariya	Dhilsha Rajeev	Akhila Madhu
Abhyrami C		Vishnumaya E
		Athira S Nair
		Irfana K K

I M.Sc Mathematics

Slow Learners	**Medium Learners**	**Advanced learners**
Aleena Joemon	Fathima Rendha K	Niba
Ashly Anto	Sreejisha	Aleesha Baby
Arya K Surendran	Devika K	

List of programs organized for advanced learners, slow learners, all learners

Programmes for advanced learners:

- Some of the topics are taken by the students to their peers. This helps the students to get a deeper understanding of the topics and teaching their peers helps them to study better.



Programmes for slow learners:

- Combined Study is encouraged which helps the students to clarify their doubts. It also instils in their minds a helping mentality. The students who are weak in studies benefit from the peer learning process.



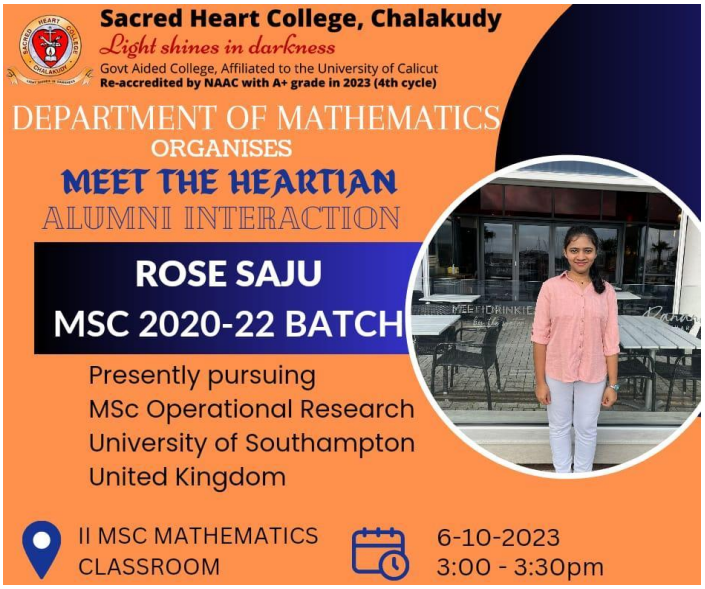
Programmes for all students:

Alumni interactions

Alumni of the department are introduced to the students in hybrid mode. These interactions help the students to understand various opportunities available for them after their completion of studies.



Interaction with Ms. Rosemol by the students

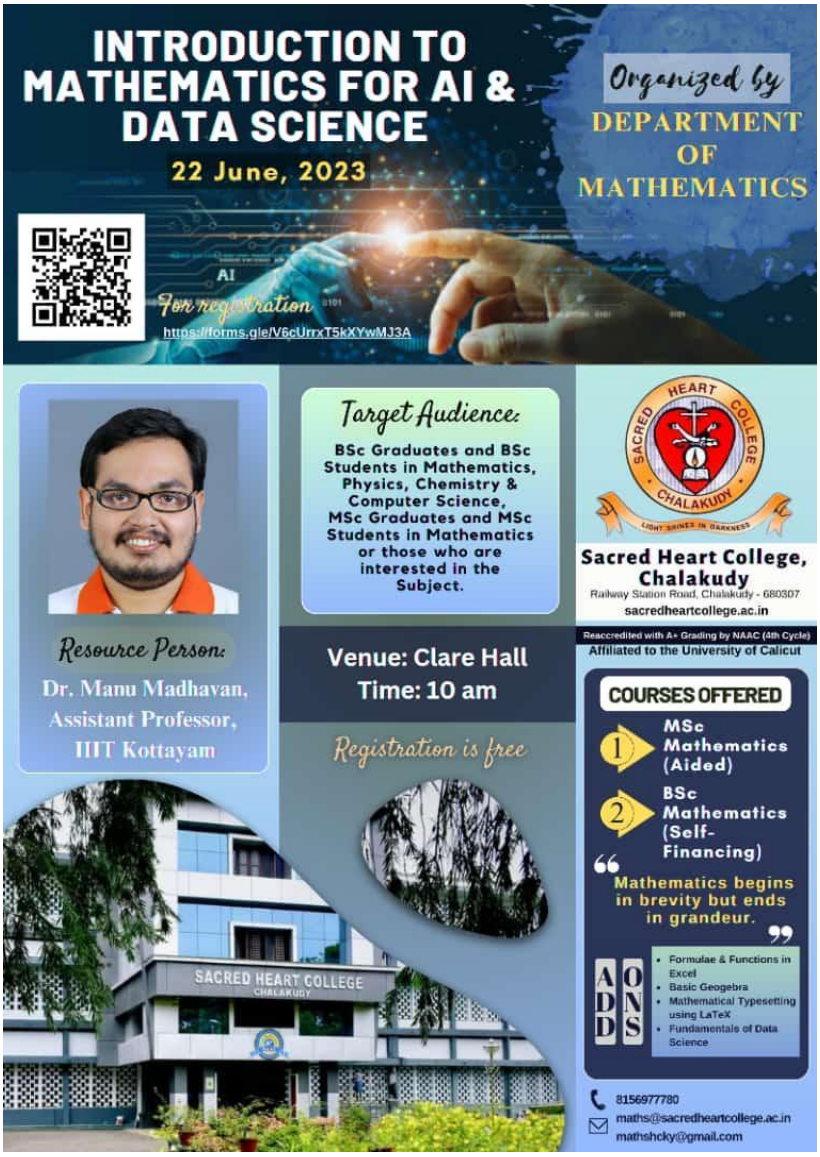


Interaction by Ms. Rose Saju by online mode

Seminars for students

Seminars and workshops are conducted for the students to instil in their minds more knowledge about the subject. Seminars related to various job opportunities available after their course of study were also organized which helped them to get a clearer picture about their future.

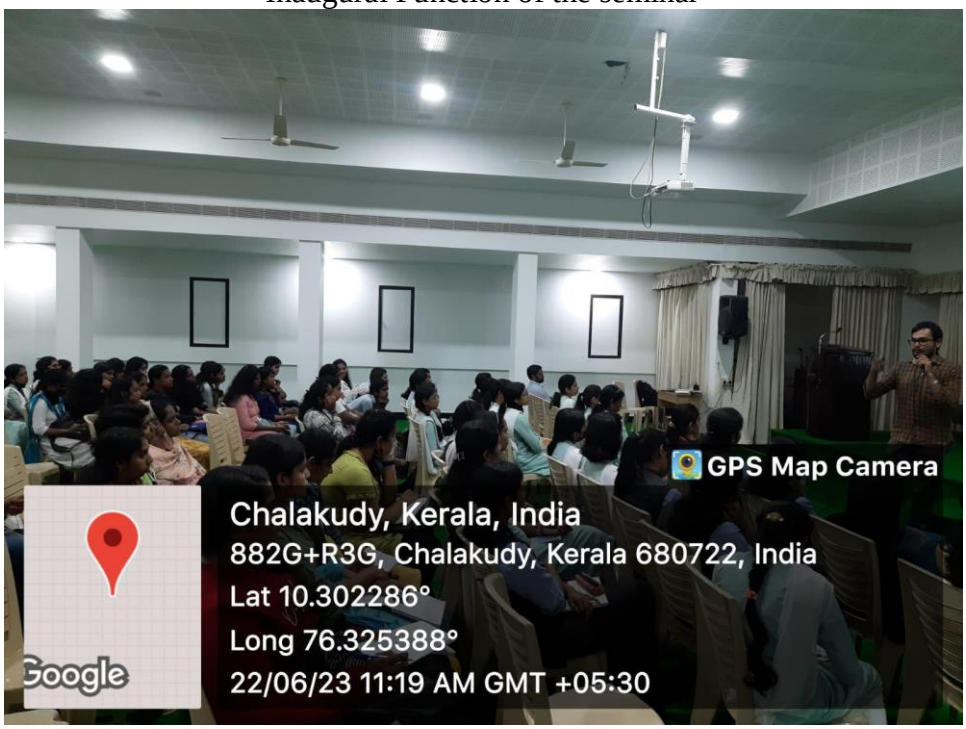
- The department of Mathematics organized a one day Career orientation program on Artificial intelligence and Data science. The Resource person of the event was Dr. Manu Madhavan, Assistant Professor, Department of Computer Science, IIIT Kottayam. The session proved to be very fruitful and was very informative for the students. The students were able to understand the basic concepts of AI. The program helped the students to get to know about the career opportunities in the same field. Over 50 students from all over Kerala participated in the same. Students gave positive feedback about the seminar.



Brochure of the program



Inaugural Function of the seminar



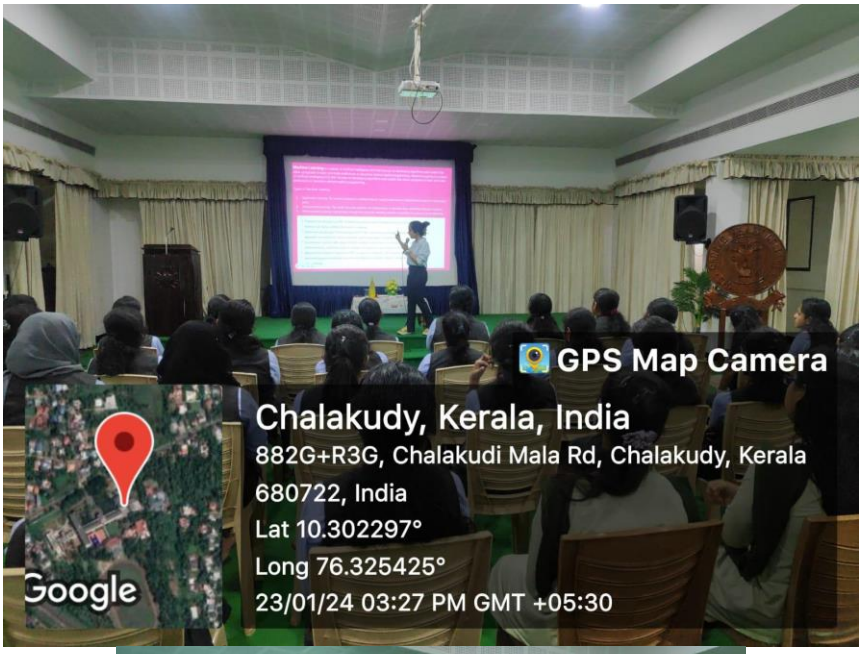
Talk by Dr. Manu Madhavan

- An interactive session on opportunities in Big Data and Artificial Intelligence was conducted on 23-01-2023. The session was handled by Ms. Krishnageethy N S, an

alumni of our college who is presently working as a Data Scientist in Aria's Science Lab, New Delhi. She began the session by sharing her experiences in college and how she was able to attain the position where she is right now. She was able to motivate the students to channelise their path to achieve their goals. The students were very much inspired by her talk. She also explained how and what should be done to obtain a job in the field of Data science and AI.



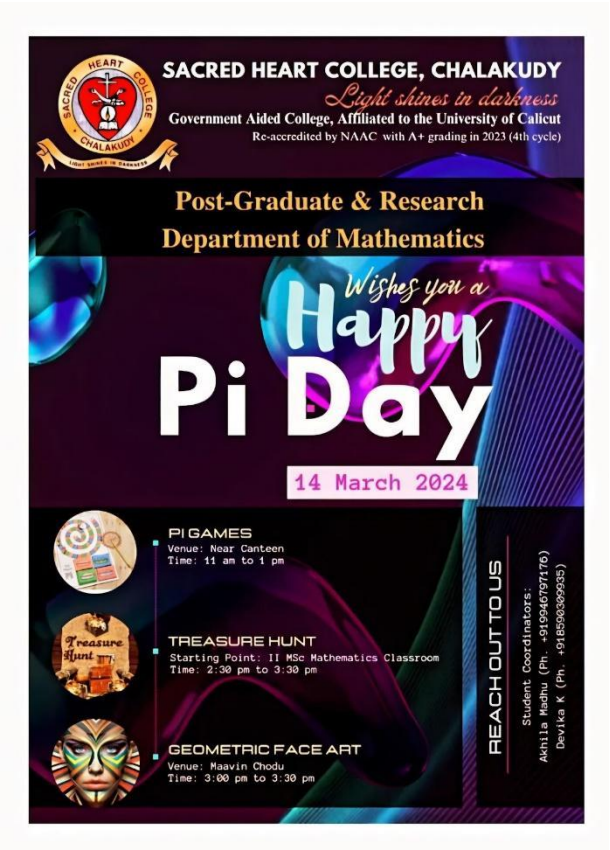
Brochure of the program





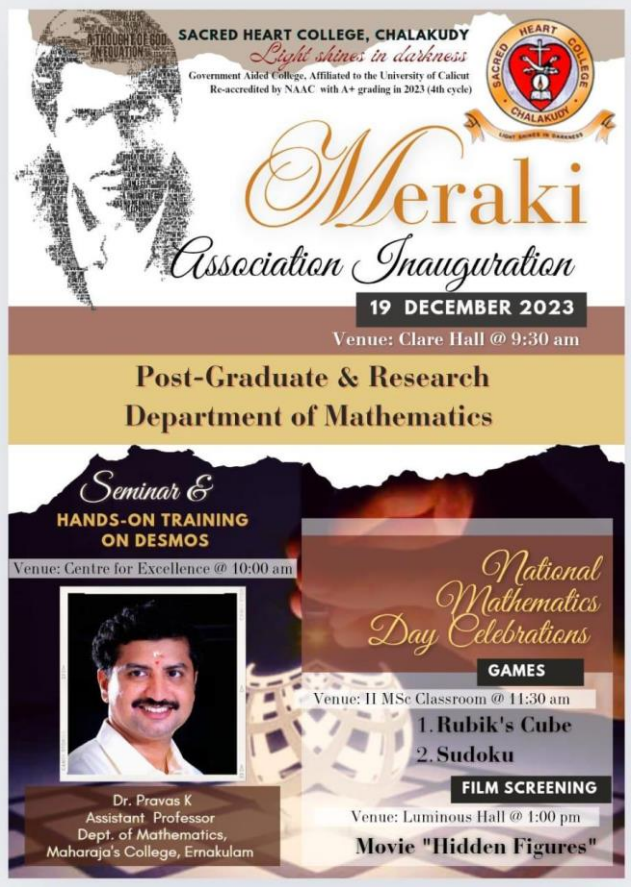
Ms. Krishnageethy handling the session

- As a part of Pi Day Celebrations, organised by the Department of Mathematics & the Math Club, Pi Games, Treasure Hunt and Geometric Face Art were conducted at the college to frame interests towards Math on 14/03/2024. The students of different departments participated in all the three programmes and were given prizes. Treasure Hunt was conducted in two phases - five teams were selected for the second phase from the introductory funny Math Tests.



Brochure of the program

- National Mathematics Day is celebrated on 24-12-2023 all over the world. This year the department combined both its Association inauguration and National Mathematics Day celebration on 19-12-2023. A session on the math software Geogebra was given by Dr. Pravas K, Assistant Professor, Department of Mathematics, Maharaja's College, Ernakulam. It was a hands-on session in which the basics of Geogebra were introduced to the students. The session proved to be fruitful for the students as they enjoyed doing the practical work.
  Along with this session few competitions like Rubiks cube solving and Sudoku solving were conducted for the students of the whole college to remind them about this Day . The celebrations concluded with the screening of the movie “Hidden Figures” which elucidates the importance of mathematics in our life which was enjoyed by students.



Brochure of the program



Dr. Pravas K handling the hands-on session





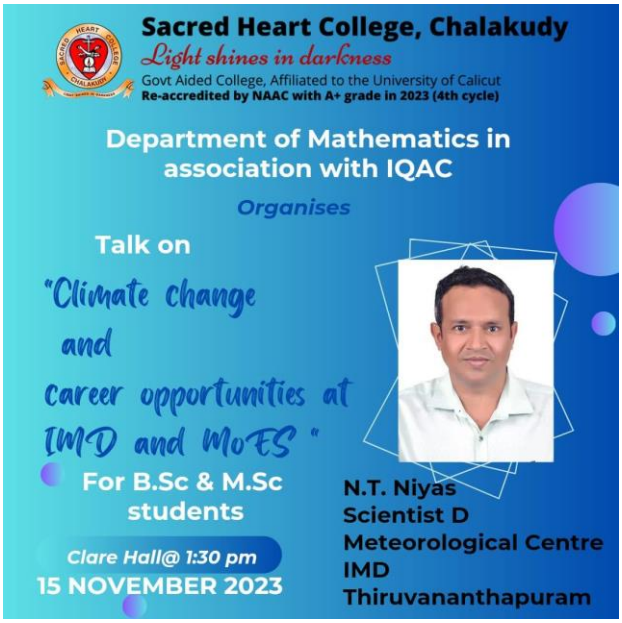
Inauguration of Mathematics association



Film screening in Luminous Hall

- The Department of Mathematics organized a talk on "Climate change and Career opportunities in IMD and MoES" on 15-11-2023 by Mr. Niyas T, Scientist D,

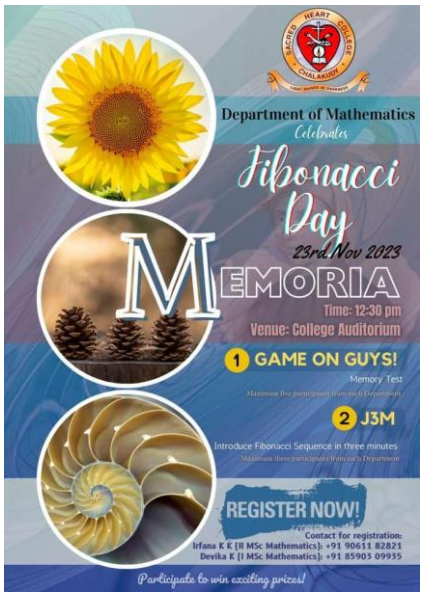
Meteorological Centre, IMD, Trivandrum. The event was conducted in Clare Hall in which more than 100 students from all the Science departments participated.
The session was interactive and helped the students to get to know about interesting facts related to climate change. It was helpful for the students to understand about various opportunities available in IMD.



Brochure of the Programme

- The Department of Mathematics organized the event "MEMORIA" in association with Fibonacci Day. The PG students presented powerpoints related to the mathematician Fibonacci and explained about the Fibonacci sequence and Golden ratio. Fun games were conducted in which about 100 students participated from every department.

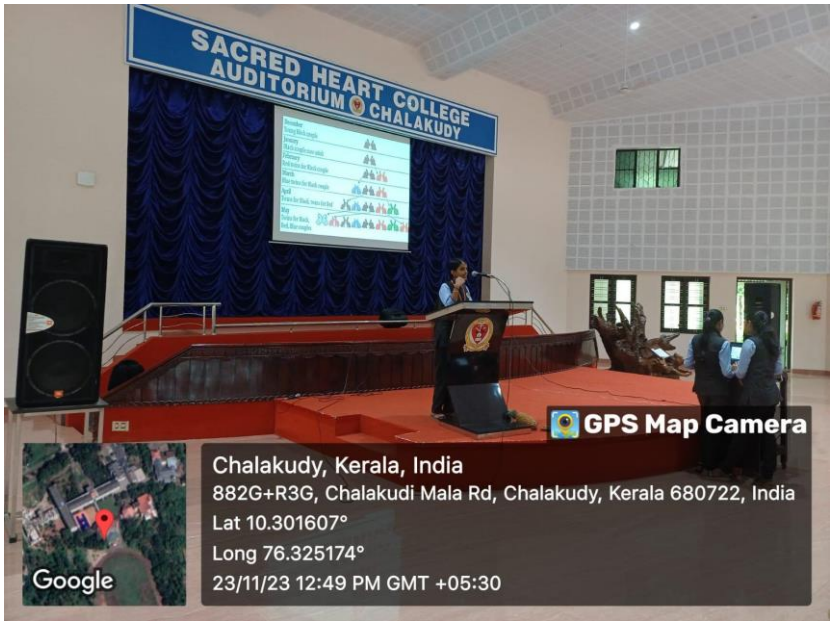
The event was helpful for the students to recognize the Fibonacci sequence and its various properties. The videos displayed helped them to understand the applications and the presence of golden ratio in nature.



Brochure of the programme.

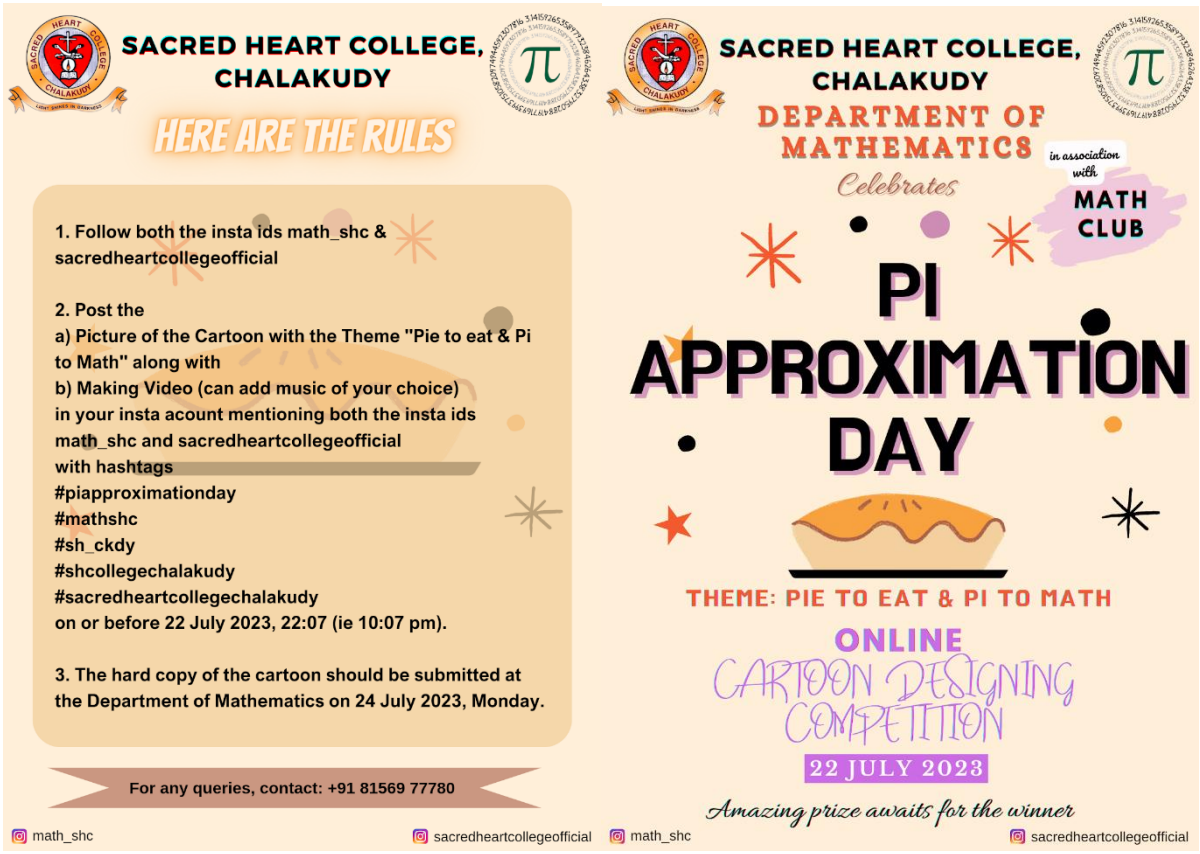


Ms.Smitha Davis, HOD addressing the audience



PG students presenting the power point presentations

- As a part of Pi Approximation Day Celebrations, organised by the Department of Mathematics & the Math Club, an online cartoon competition was held for all the students of the college to frame interests towards Math. The students of different departments made interesting cartoons on the theme "Pie to Eat and Pi to Math", which were posted in the department and college Instagram handles. Special prizes were given to the winners.



Brochure of the programme

Department of Physics

2.2.1: Assessment of the learning levels of the students.

The Assessment is measured based on internal exams, university results and performance in extra and co-curricular activities. Students were categorised into three levels of learning- Advanced learners, Medium learners and Slow learners on the basis of their plus two marks. The list of the students at different learning levels is as follows:

ACADEMIC YEAR 2023-24

I B.Sc PHYSICS

Sl.No.	Advanced Learner	Sl.No.	Medium Learner	Sl.No.	Slow Learner
1	A S Devika	1	Amrutha KK		
2	Justly Mariya Joseph	2	Anagha V R		
3	Nesrin Maria Baiju	3	Dilshada KK		
4	Raihanath V M	4	Gowri S		
		5	Saniya Salim		
		6	Veena Jaison		

II B.Sc PHYSICS

Sl.No.	Advanced Learner	Sl.No.	Medium Learner	Sl.No.	Slow Learner
1	Anna Joslin	1	Shana Nesrin K A	1	Anjali K
2	Krishnapriya E R	2	Aryalakshmi C S	2	Devika Sivanandh
3	Ann Mariya Binoj	3	Adhinandha M Nair	3	Jeril Johnson
4	Farsana K S	4	Shivadha K		
5	Savina K I	5			
		6			

III B.Sc PHYSICS

Sl.No.	Advanced Learner	Sl.No.	Medium Learner	Sl.No.	Slow Learner
1	Ann Mary	1	Angel Rose Baiju	1	Aleena Thankachan
2	Revathy	2	Devika K.S	2	Nandana murali
3	Gopika	3	Alisha Shaji		
4	Shahima	4	Vafa Mariyam T.P		
5	S M chindha	5	Megha K.S		
		6	Sethulakshmi P.M		
		7	Aiswarya P.A		
		8	Swathi Sajan		

Activities for advanced and medium learners:

- Advanced learners are motivated to participate in various technical events online courses, Webinars, Quizzes, Workshops, Lecture series etc, which are held both within and outside the institution
- Involving them to do online certification programmes.
- Giving capability enhancement programmes
- Taking up competitive exam training programmes.
- Providing placement activities

Activities for slow learners:

- Special Coaching class for slow learners.
- Providing notes for easy understanding.
- Giving capability enrichment programmes
- Giving counseling for slow learners.
- Giving additional learning materials like question bank, university question papers etc.

Sacred Heart College, Chalakudy
Department of Physics
Bridge Course on Mathematical Physics

Time: 1 hour. **Max. Marks: 20**

1. If $\vec{A}$ is in y-direction and $\vec{B}$ is in x-direction what will be the direction of $\vec{A} \times \vec{B}$?
2. Evaluate the work done by a force $\vec{F} = 2\hat{i} + 4\hat{k}$ in moving a mass through a distance $\vec{dl} = -\hat{j} + 3\hat{k}$
3. If vector A has a magnitude of 5 and vector B has a magnitude of 3, what is the maximum possible value of their dot product?
4. Find the unit vector in the direction of vector: $\vec{V} = 3\hat{i} + 4\hat{j} + 5\hat{k}$
5. If $\vec{r} = 4\hat{i} + 2\hat{k}$ and $\vec{P} = 2\hat{i} - 2\hat{j}$ find angular Momentum $\vec{L} = \vec{r} \times \vec{P}$
6. Evaluate sin(π/3).
7. What is the value of cos(2θ) in terms of cos(θ)?
8. If tan(α) = 3/4, what is the value of sec(α)?
9. Give the slope of (a) a line parallel to x- axis (b) 45^0 degree line
10. Differentiate the function **$f(x) = 3x^2 - 2x + 1$** with respect to x.
11. Find the derivative of **$g(x) = \sin(x)\cos(x)$** with respect to x.
12. Evaluate the integral **$\int(3x^2 + 2x)\,dx$.**
13. Find the indefinite integral **$\int(\cos(2 - x)\,dx$.**
14. Determine the area under the curve **$y = 4x^2$** between **$x = 1$** and **$x = 3$**.
15. Find the definite integral $\int_1^2 (2x + 3)dx$

Department of Physics

2.2.1: Assessment of the learning levels of the students.

Additional Information

1) Details of the entry level exam for the assessment of the learning levels of the students

2) Participation details of advanced learners in various technical events online courses, Webinars, Quizzes, Workshops, Lecture series etc.

3) Details of Special Coaching class for slow learners

ENTRY LEVEL EXAMINATION.

B.SC PHYSICS.

Sacred Heart College, Chalakudy.

Scanned with CamScanner

Levels [Total Marks : 20]

Advanced Level : 16 and above

Medium Level : Between 16 and 6.

Slow level : 6 and below.

Scanned with CamScanner

2023 – 24

	Name of Student	Marks	level.
1.	Amrutha K.K.	14	ML
2.	Anagha V.R	10	ML
3.	A.S. Devika	16	AL
4.	Dilshada K.K.	12	ML
5.	Gowri S	10	ML
6.	Justly Mariya Joseph	19	AL
7.	Nesrin Maria Baiju	17	AL
8.	Raihanath V.M.	18	AL
9.	Saniya Salim	14	ML
10.	Veena Jaison	14	ML

Talk on " Physics career catalyst : journey to success "

Activity Report

The Department of Physics had organized a career orientation session on " Physics career catalyst: journey to success " for the BSc. Physics students on 7-08- 2023 at III BSc. classroom. Dr. Rajeshmon V. G, Assistant Professor at St. Paul's College, Kalamassery, was the resource person for the session. He began by introducing the various pathways available to students after completing their BSc. in Physics, including options for pursuing postgraduate studies, doctoral research, and careers in teaching, research, and industry. Dr. Rajeshmon emphasized the importance of preparing for competitive exams such as JEST, GATE, and JAM, which are crucial for advancing in the field of physics. He shared valuable tips and resources on how to approach these exams effectively.

The session also included interactive demonstrations where Dr. Rajeshmon used simple equipment to explain fundamental physics concepts, helping students see the practical applications of theoretical knowledge. His engaging teaching style and hands-on approach allowed students to better grasp complex concepts and equipped their interest in further studies and research in physics.

The program was inaugurated by Dr. Sr. Irene, who encouraged the students to explore various career opportunities and emphasized the need for continuous learning and dedication in the field of science. A total of 34 students participated in the session, benefiting from the guidance and insights shared by the resource person.

The outcome of the session was highly positive, as students gained a clearer understanding of the various pathways in physics and the steps needed to pursue them. They also acquired practical advice on preparing for competitive exams and were inspired to consider further studies in the field. The interactive demonstrations helped reinforce theoretical concepts, making the subject matter more relatable and engaging. Overall, the session successfully achieved its objectives, providing students with both the motivation and the practical knowledge to make informed decisions about their future careers in physics.

Sacred Heart College, Chalakudy

Light shines in darkness

GOVT.AIDED COLLEGE, AFFILIATED TO THE UNIVERSITY OF CALICUT

RE-ACCREDITED BY NAAC WITH A+ GRADE IN 2023(4TH CYCLE)

Sacred Heart Association of Royal physics (SHARP)

organises a talk on

"PHYSICS CAREER CATALYST : JOURNEY TO SUCCESS"



Dr.Rajeshmon V. G.

ASSISTANT PROFESSOR

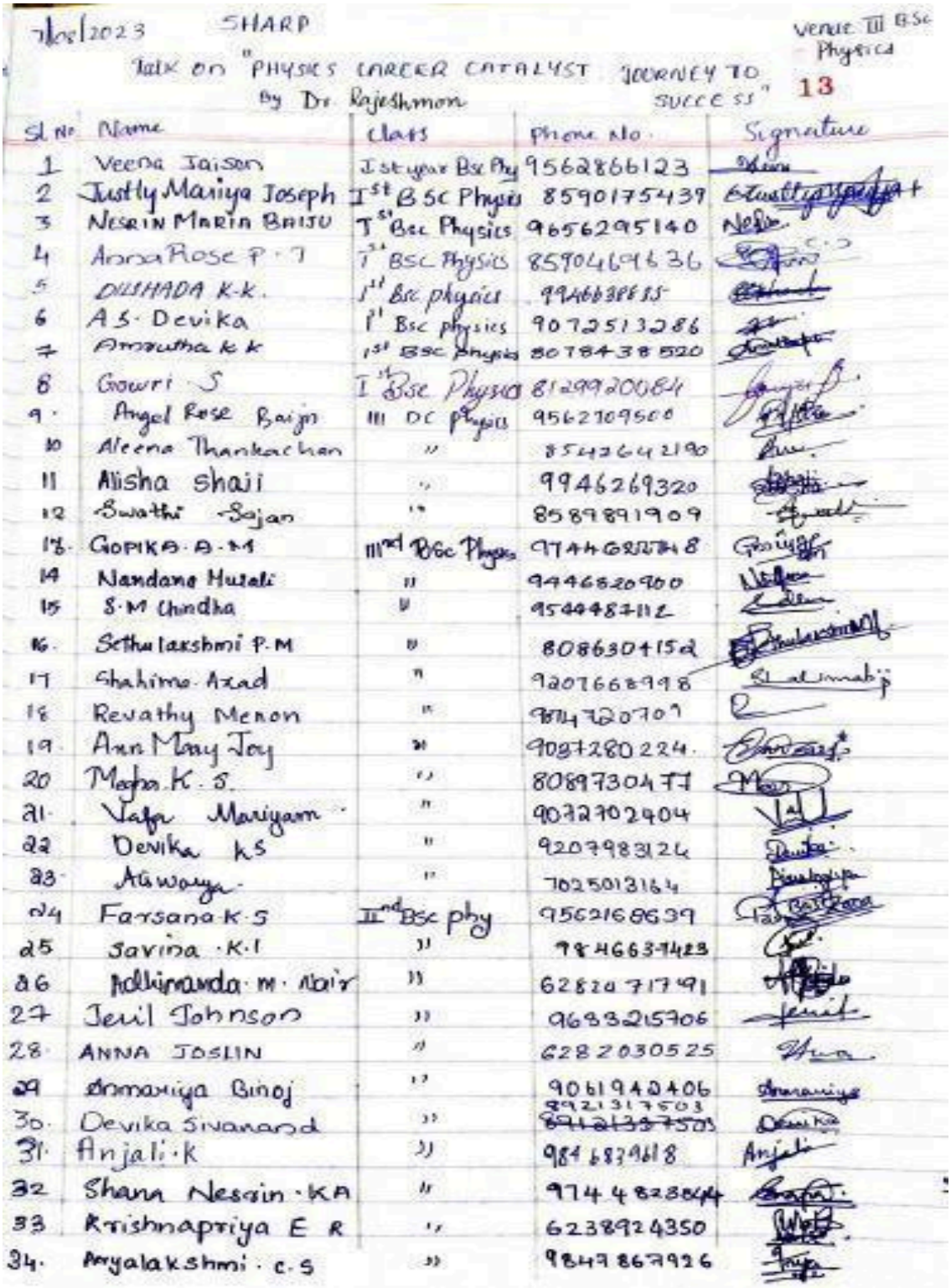
ST. PAUL'S COLLEGE, KALAMASSERY

DATE	August 07,2023
TIME	12 : 30 pm
VENUE	III BSc Physics classroom

All are cordially invited



Participation list



7/06/2023 SHARP

Venue III BSc Physics

Talk on "PHYSICS CAREER CATALYST JOURNEY TO SUCCESS" By Dr. Rajeshmon 13

Sl No	Name	Class	Phone No.	Signature
1	Veena Jaison	I st year Bsc Phy	9562866123	
2	Justly Mariya Joseph	I st B Sc Physics	8590175439	
3	Nesrin Maria Biju	I st Bsc Physics	9656295140	
4	Anna Rose P.T	I st BSc Physics	8590469636	
5	DUSHADA K.K.	I st Bsc physics	9946638655	
6	A.S. Devika	I st Bsc physics	9072513286	
7	Amrutha k k	I st BSc Physics	8078438520	
8	Gowri S	I st Bsc Physics	8129920084	
9.	Angel Rose Baiju	III DC Physics	9562709500	
10	Aleena Thankachan	"	8547264290	
11	Alisha Shaji	"	9946269320	
12	Swathi Sajan	"	8589891909	
13.	GOPIKA.A.M	III rd BSc Physics	9744682284 8	
14	Nandana Hutali	"	9446820900	
15	S.M Chindha	"	9544487112	
16.	Sethulakshmi P.M	"	8086304152	
17	Shahima Azad	"	9207668998	
18	Revathy Menon	"	9847207097	
19	Ann Mary Joy	"	9037280224.	
20	Megha K.S.	"	8089730477	
21.	Vafa Mariyam	"	9072702404	
22	Devika KS	"	9207983124	
23.	Aiswarya	"	7025013164	
24	Farsana K.S	II nd BSc phy	9562166639	
25	Savina K.I	"	9846634423	
26	Adhimanda M. Nair	"	628207 17491	
27	Jeril Johnson	"	9633215706	
28	ANNA JOSLIN	"	6282030525	
29	Ammaniya Binoj	"	9061942406	
30.	Devika Sivanand	"	8921317503	
31.	Anjali.K	"	984 6879618	
32	Shana Nesrin.KA	"	9744828044	
33	Krishnapriya E R	"	6238924350	
34.	Aryalakshmi.C.S	"	9847867926	

Energy Conservation & Energy Efficiency seminar

As part of the LiFE Mission Programme of the Energy Management Centre, Kerala, the Energy Club and IQAC organized a seminar on *Energy Conservation & Energy Efficiency* for undergraduate students of Physics, Chemistry, Zoology, and Psychology. The seminar was held on August 10, 2023, at 1:30 PM in Clare Hall. The event aimed to raise awareness among students about the importance of energy conservation and the role of energy efficiency in sustainable development.

The seminar was inaugurated by Principal Dr. Sr. Irene, who highlighted the significance of energy conservation in the context of the global energy crisis and the role that students can play in promoting sustainable practices. The resource person for the session was Dr. Vimal Kumar T V, Assistant Professor in the Department of Physics at St. Thomas College, who represented the Energy Management Centre (EMC) Kerala. Dr. Vimal Kumar provided an in-depth overview of energy conservation techniques, the science of energy efficiency, and practical steps that individuals and communities can take to reduce energy consumption. His session also covered the environmental and economic benefits of energy-saving practices, including the use of renewable energy sources and efficient technologies.

The seminar was attended by a diverse group of undergraduate students from the Departments of Physics, Chemistry, Zoology, and Psychology, who actively participated in the discussions and interacted with the resource person. The event provided valuable insights into how energy conservation practices can be integrated into daily life and the significant role that education and awareness play in addressing energy challenges.

Sacred Heart College, Chalakudy

Light shines in darkness

Govt Aided College, Affiliated to the University of Calicut

Re-accredited by NAAC with A+ grade in 2023 (4th cycle)

Energy Club and IQAC in association with EMC (Energy Management Center Kerala)

SEMINAR

'Energy Conservation and Energy Efficiency'



DR. VIMALKUMAR T. V

EMC RESOURCE PERSON

ASSISTANT PROFESSOR,

ST. THOMAS COLLEGE (AUTONOMOUS),THRISSUR

DATE : 10 AUGUST 2023

TIME : 2:00 PM

VENUE : CLARE HALL

Dr. Sr. Irene
Principal

Ms. Libi Prakash
Energy Club Co-ordinator

STUDENT CO-ORDINATORS

REVATHY MENON, GOPIKA A. M

All are cordially invited







List of Participants

Energy conservation and energy efficiency –Seminar on 10/08/2023

List of participants

Serial no.	Name	class	Phone number	signature
1	Archana T G	I St Bsc Zoology	8943262215	
2	Ashima Shibu	Ist Bsc Zoology	9061571130	
3	Ann Regi	"	7902342778	
4	Anjana T G	Ist Bsc Zoology	8943262215	
5	Nithera Sudheer	I St Bsc chemistry	9961548718	
6	Judevina Martin	I st Bsc chemistry	7736308387	
7	Angel Tony	I St Bsc chemistry	9995190589	
8	Archana E S	I st Bsc chemistry	8086394038	
9	Anju T D	I st Bsc chemistry	9072320399	
10	Anjalichandran.M A	I st MSc Psychology	8590507145	
11	Rossveena Wilson	I st Bsc chemistry	8592077469	
12	Keerthana C L	I st Bsc chemistry	8606696924	
13	Anjima A S	I St Bsc chemistry	9567516571	
14	Anita Jose	I st Bsc Chemistry	8129658849	
15	NIYA KOYAS	I st Bsc CHEMISTRY	8078875560	
16	Shabana P R	I St Bsc Zoology	8075124281	
17	Navya krishnan	I st Bsc Zoology	8086496012	
18	Anjana P A	I St MSc psychology	8891591459	
19	Alfia A A	I st MSc Psychology	8590315708	
20	Devika Vishnath	I St MSc psychology	7902254862	
21	Haleema Fadiya	I st MSc psychology	9656456595	
22	Safiya K N	I St MSc psychology	8137854595	
23	Amrutha K K	I st Bsc Physics	8078438520	
24	A S Devika	I st Bsc physics	9072513286	
25	Anna Rose P J	I st Bsc Physics	8590469636	
26	DILSHADA K K	I st Bsc Physics	9946638835	
27	Veena Jhilson	I St Bsc Physics	8592952325	
28	Athira K M	I St MSc psychology	7994971961	
29	Arya. A	I St MSc psychology	7025543975	
30	Bhavana Varma	I St MSc Psychology	9400520183	

Energy conservation and energy efficiency –Seminar on 10/08/2023

List of participants

Serial no.	Name	class	Phone number	signature
1	Salihabeevi	IInd Bsc Zoology.	9496863881	
2	Aiswarya G	IInd BSc Zoology	8943829582	
3	Sr. Mahima Tirkey	II Bsc. Zoology	8921826575	
4	Anjali. K	II nd Bsc Physics	9846839618	
5	Sreejitha. p. Mohan	IInd B. Sc Zoology	7012110127	
6	Gowri. S	I st B.Sc Physics	8129920084	
7	Nesrin Maria Biju	"	9656295140	
8	Archana. CA	"	7510983028	
9	Justly Mariya Jakob	"	8590175439	
10	Rishanth. V.T	"	8086734202.	
11	ANNA JOSLIN	IInd BSc PHYSICS	9447969959	
12	Amariya Biraj	"	9061942406	
13	Aryalakshmi. C.S	"	9895137926	
14	Sivatha. K	" "	7559076564	
15	Ameena Shams	II BS. Zoology	6282341457	
16	Krishna Priya	"	7736084293	
17	Nayana. V. Das	"	8921952022	
18	Nisha Fathima	"	8848508107	
19	Jesna. JOFY	IInd Bsc chemistry	9778518931	
20	Efsiya P.J	"	9526687839	
21	Emi Maria	"	8547178380	
22	Farzana K.S	IInd Bsc physics	9562168639	
23	Savina. K. I	"	9846637423	
24	Adhinanda	"	6282617191	
25	Jeril Johnson	"	9633815906	
26	Hridya Subash	IIIrd Bsc chemistry	6388567726	
27	Aswani Jibi	"	7012593469	
28	Sreenandhana M.S	"	6238952390	
29	Sooparnnika T	"	8891917034[illegible]	
30	Akshara. wilson	"	8111800537	

Energy conservation and energy efficiency –Seminar on 10/08/2023

List of participants

Serial no.	Name	class	Phone number	signature
1	Abhirami K.S	3rd DC chemistry	7994137465	
2	Anagha sunil	3rd DC chemistry	9072382172	
3	Suvarna. K.S	3rd DC chemistry	7902667326	
4	Bhavana. K	" "	9778624497	
5	Nivedhitha PS	" "	9074352783	
6	Isha P.S	" "	8289868837.	
7.	Deepthi. K	" "	9447264825	
8.	Nesna Thodiyil	IIIrd DC physics	8547642190	
9.	Vafa Maniyam	"	9072702404	
10.	Aiswarya. P.A	"	7025013164	
11.	Devika K.S	"	9209985124	
12.	Revathyamma	III DC Physics	9074720709	
13	Gopika A M	III DC Physics	9746462748	
14	Ann Mary	III DC Physics	9037280224	
15.	Amal Sree Bhash	"	7907391043	
16.	Athira S.M	"	9544987112	
17	Nandana Murali	"	9446820900	
18	Shahima Asad	"	9207668998	
19.	Sethulakshmi	"	8086304152	
20.	Meghna. K.S	"	8089730477	
21	Swathi Sajan	"	8589891909	
22	Alisha shaji	"	9946269320	

International Seminar on ‘From Masers to Lasers”

The Department of Physics and the IQAC jointly organized an international seminar titled *"From Masers to Lasers"* on August 22, 2023, at the college. The seminar aimed to provide students and faculty with a deeper understanding of the evolution and advancements in the field of masers and lasers, with a focus on their applications in modern science and technology.

The event was inaugurated by Dr. Sr. Irene, the Principal of the college, who emphasized the importance of staying abreast of the latest developments in scientific research and the role of interdisciplinary knowledge in shaping future innovations. The keynote address was delivered by Dr. Juna Sathyan, Associate Professor at the University of Northumbria, Newcastle, UK. Dr. Sathyan is an expert in the field of maser technology, and in her talk, she discussed the latest developments in maser research, including her own pioneering work on the development of room-temperature masers. These advancements are particularly significant in the fields of space communication and medical applications, where masers offer distinct advantages over traditional technologies.

Dr. Sathyan’s presentation was insightful and highly informative, offering attendees a unique perspective on the intersection of basic science and practical applications. She explained how room-temperature masers could revolutionize communication systems in space exploration and enhance medical imaging technologies. The seminar also allowed students and faculty to engage with cutting-edge research, sparking curiosity and discussion on potential future developments in the field.

Ms. Fency K. F., the coordinator of the programme, facilitated the smooth conduct of the event and ensured that the seminar ran efficiently.

Brochure


Sacred Heart College, Chalakudy
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Govt Aided College, Affiliated to the University of Calicut
Re-accredited by NAAC with A+ grade in 2023 (4th cycle)
International Seminar
on
"FROM LASERS TO MASERS"
Organised by
Department of Physics
In Association with
Internal Quality Assurance Cell
AUGUST 22, 2023
11:00 am
Luminous Hall
All are cordially Invited!
Guest speaker
DR. JUNA SATHIAN
ASSOCIATE PROFESSOR
UNIVERSITY OF NORTHUMBRIA
NEWCASTLE, UK


LUMINOUS HALL
GPS Map Camera
Lat 10.301807° Long 76.325253°
22/08/23 12:16 PM
Dept.Of physics SH College Ckdy International Seminar:'From Lasers to Masers



List Of Participants

SACRED HEART COLLEGE, CHALAKUDY
Department of Physics
In Association with
Internal Quality Assurance Cell

INTERNATIONAL SEMINAR ON "FROM LASERS TO MASERS"

Date: 22- August 2023 Time: 11.00 am - 12.45 pm Venue: Luminous Hall

List of participants

SL no.	NAME	CLASS	SIGNATURE
1	Raghunath V.M.	BSc Physics 1st year	Raghunath
2	Gowri. S	I st Bsc Physics	Gowri
3.	Veena Jaison	I st Bsc Physics	Veena
4.	Justly Manya Joseph	I st Bsc Physics	Justly
5	NESRIN MARIA BAIJU	"	Nesrin
6	Farhana C.A	"	Farhana
7.	Namratha Kishor T.K	I st BSc physics	Namratha
8	Nithara Sudheesh	I st BSc chemistry	Nithara
9	Anulakshmi Binu	III rd BA Economics	Anulakshmi
10	Malavika Mohan	III rd BA Economics	Malavika
11	Fahmitha M.M	III rd BA Economics	Fahmitha
12	Aiswarya P A	III rd BSc Physics	Aiswarya
13	Devika K S	"	Devika
14	Vafa Mariyam T P	"	Vafa
15	Sethulakshmi	"	Sethulakshmi
16	Swathy Sajan	"	Swathy
17.	Angel Rose Baijo	"	Angel
18	Alisha Shaji	"	Alisha
19	Aleena Thankachan	"	Aleena

SACRED HEART COLLEGE, CHALAKUDY
Department of Physics
In Association with
Internal Quality Assurance Cell

INTERNATIONAL SEMINAR ON "FROM LASERS TO MASERS"

Date: 22- August 2023 **Time: 11.00 am - 12.45 pm** **Venue: Luminous Hall**

List of participants

SL no.	NAME	CLASS	SIGNATURE
20	Gopika . A. M	3rd BSc Physics	
21	Revathy Manoj	3rd B.Sc Phys	
22	Shilpa. S	3rd BCOM CA	
23	Anjali. P	"	
24	Sreelakshmi P.B	"	
25	ALEN BOSE JAMES	"	
26	Anagha T.V	3rd B.com finance	
27	Gopika. K	3rd B.com CA	
28	Chinju. K.b	3rd BCOM finance	
29	Harsha. MP	"	
30	Neha Biju	"	
31	Sajana H.S	"	
32	NIYA KOYAS	I st YEAR CHEMISTRY	
33	Anita Jose	1st Bsc chemistry	
34	Sreenandhana. A.S.	III B.Sc. chemistry	
35	Haridaya. Subash	II	
36	Souparnnika. T.J	II	
37	Aleena. wilson	"	
38	Adhinanda. M. Nair	II nd yr	
39	Savina. K.I	II nd B.Sc phy	
40	Aswani Jibi	III rd B.Sc chemistry	
41	Abhirami K.S.	III rd BSc chemistry	
42	Anagha sunil	III BSc chem	
43	Suvarna. K.S	III BSc chemistry	
44	Jesna Joy	III BSc chemistry	
45	S. M Chindha	III BSc Physics	
46	Aniredhitha P subhash	III BSc Chemistry	
47	Deepthi K	III BSc Chemistry	

SACRED HEART COLLEGE, CHALAKUDY
Department of Physics
In Association with
Internal Quality Assurance Cell

INTERNATIONAL SEMINAR ON "FROM LASERS TO MASERS"

Date: 22- August 2023 **Time: 11.00 am - 12.45 pm** **Venue: Luminous Hall**

List of participants

SL no.	NAME	CLASS	SIGNATURE
48	Bhavana K	III BSc chemistry	
49	Isha P Sunilkumar	III BSc chemistry	
50	Farsana K S	II BSc physics	
51	Jeril Johnson	II BSc physics	
52	Anjali K	II BSc Physics	
53	Aayalakshmi C S	II BSc Physics	
54	Devika Sivanand	"	
55	Shana Nesrin K A	II BSc Physics	
56	Amariya Binoj	II BSc Physics	
57	Jaishna E M	I MSc chemistry	
58	Aswathy pradeep	I MSc chemistry	
59	Rugia Ramachandran K.	I MSc chemistry	
60	Jewel Johny	I MSc chemistry	
61	Neethu Davis	I MSc chemistry	
62	Nowrin K P	II BSc-chemistry	
63	Soumya Charly	II MSc physics	
64	Anupriya K M	II " "	
65	Gouri S	II " "	
66	Sita C V	II MSc physics	
67	Maria Jose	II MSc physics	
68	Hiba Sheria	II MSc Physics	
69	Litty Thomas	II MSc Physics	
70	Anagha Suresh M	II MSc Physics	
71	Megha K S	III BSc physics	
72	Kavyathana C L	I BSc chemistry	
73	Adithya Unnikrishnan	I BSc chemistry	
74	Angel Tomy	I BSc chemistry	
75	Anjima AS	I BSc chemistry	

76) Anya — I BSc chemistry
77) Judevina — I BSc chemistry
78) DEVIKA P U — I BSC PHYSICS
79) A S Devika — I BSc Physics
80) Shiga — II BSc Chemistry
81) Ameera — "
82) Deepika — "
83) Aysha Rafeek — "

One Day Seminar-Solid State Physics

The Department of Physics organized a One-Day Seminar on *Solid State Physics* on December 18, 2023, at the III BSc. classroom, in alignment with the MSc Physics Third Semester Syllabus of the University of Calicut. The seminar aimed to provide MSc Physics students with in-depth knowledge and a clearer understanding of the key concepts in Solid State Physics, which is an essential component of their curriculum.

Dr. Anshad A, Assistant Professor at TKM College of Arts and Science, Kollam, served as the resource person for the event. He presented a comprehensive overview of the fundamental principles and recent advancements in Solid State Physics, focusing on topics directly relevant to the MSc syllabus. His session covered a range of subjects, including crystal structures, electronic properties of solids, and the theories of electrical conductivity, magnetism, and superconductivity. Dr. Anshad's approach was both theoretical and practical, ensuring that the students were not only introduced to the core concepts but also gained insight into their real-world applications.

The seminar was attended by II MSc Physics students, who actively participated in discussions and raised insightful questions, making the session engaging and interactive. The event began with a warm welcome from the Head of the Department, Mr. Nijo Varghese, who also highlighted the significance of Solid State Physics in advancing scientific knowledge and technological innovation.

The outcomes of the seminar were highly positive. Students gained valuable insights into the intricate details of Solid State Physics and were exposed to new ideas that will aid in their academic progress. The session helped bridge the gap between theoretical learning and practical applications in the field. Furthermore, the interactive nature of the seminar encouraged critical thinking and stimulated students' interest in further research and studies in Solid State Physics. Overall, the seminar was successful in enriching the academic experience of the students and reinforcing the relevance of Solid State Physics in modern scientific and technological developments.


Sacred Heart College, Chalakudy
Light shines in darkness
Govt Aided College, Affiliated to the University of Calicut
Re-accredited by NAAC with A+ grade in 2023 (4th cycle)
One-Day Seminar on
Solid State Physics
Organized by
Post Graduate Department of Physics
in association with IQAC
Resource Person
Dr. Anshad A
Assistant Professor
TKM College of Arts & Science, Kollam
Topics align with MSc Physics Third-semester syllabus, University of Calicut
PG Students & Faculty
18th December 2023
Registration fee:
Faculty: Rs.200
Students/Researchers: Rs.150
Register Here
Scan to Register
For details contact
Shyama I - 9072315232
www.sacredheartcollege.ac.in
@PHYSICS_SH_CHALAKUDY
Sacred Heart College, Chalakudy


Atoms to solid
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18/12/23 10:12 AM
Dept.of physics,SH college Ckdy, One Day Seminar- Solid state Physics

SHARP Connect: Alumni Interaction Series

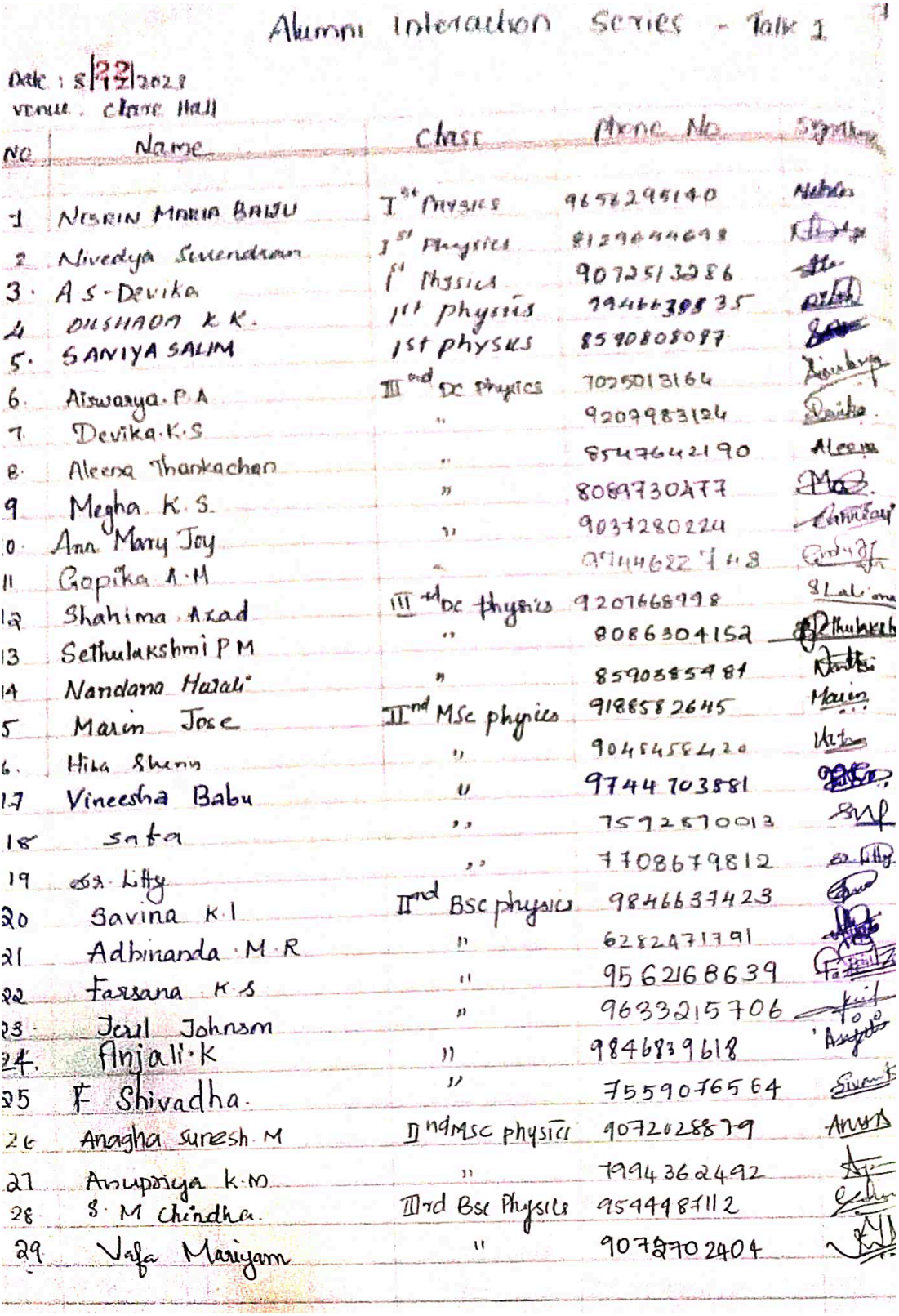
The Department of Physics conducted an Alumni interaction series on 8/12/2023 at Clare Hall. Alumni Ms. Farhana Thesni (2016-2019 batch) , who received Marie Curie Fellowship addressed the Degree and PG students and discussed the prospective future in the research area of physics . HOD Dr.Nijo Varghese welcomed the gathering.Ms. Farhana shared her experience during the college days and elaborated her research work experience and future endeavors. She also discussed the other field of research in Physics, Premium institutes and opportunities to look forward to. Dr.Sr. Irene, Principal,felicitated the occasion. Ms Fency K F ,Asst.Professor , proposed the vote of thanks.

Brochure





List Of Participants



Alumni Interaction Series - Talk 1

Date : 8/12/2023
Venue : Class Hall

No	Name	Class	Phone No	Signature
1	NESRIN MARIA BAIJU	I st Physics	9656295140	
2	Nivedya Surendran	I st Physics	8129644698	
3	A S - Devika	I st Physics	9072513286	
4	DILSHAD K K.	I st physics	9946439835	
5	SANIYA SALIM	I st physics	8590808087	
6	Aiswarya P A	III nd Dc physics	7025013164	
7	Devika K S	"	9207983124	
8	Aleena Thankachen	"	8547642190	
9	Megha K S	"	8089730477	
10	Ann Mary Joy	"	9037280224	
11	Gopika A M	"	9744622718	
12	Shahima Azad	III rd Dc physics	9207668998	
13	Sethulakshmi P M	"	8086304152	
14	Nandana Harali	"	8590885481	
15	Marin Jose	II nd MSc physics	9188582645	
16	Hiba Shams	"	9045458420	
17	Vineesha Babu	"	9744703881	
18	safa	"	7572570013	
19	Dr. Litty	"	7708679812	
20	Savina K I	II nd BSc physics	9846637423	
21	Adhinanda M R	"	6282471791	
22	Farsana K S	"	9562168639	
23	Jeul Johnsm	"	9633215706	
24	Anjali K	"	9846839618	
25	F Shivadha.	"	7559076564	
26	Anagha suresh M	I nd MSc physics	9072028879	
27	Anupriya k M	"	7994362492	
28	S M Chindha.	III rd BSc Physics	9544987112	
29	Vafa Mariyam	"	9072702404	

SHARP Connect: Alumni Interaction Series-Talk II

Graduated class Interface is a critical stage which offers understudies the chance to hear from their seniors about their excursion and encounters from school to the approach to building their vocation. We welcomed our alumni Ms. Megha C Kachappilly, Post Graduate Analyst, School of Physical science, Engineering and Technology , College of York, UK, conveyed a meeting on "Profession Open doors in India and Abroad" on 4 th January 2023 from 11:00 to 12:00 am for the BSc Physical science Understudies. She directed the understudies by sharing her encounters. She examined the different open positions across the country in the field of Physical science Exploration and other work choices. She additionally talked about how to have a "unmistakable arrangement" for the individuals who wish to pick their vocation abroad. She talked about different grants and monetary necessities in getting some work abroad.



APT TALENT SEARCH EXAMINATION 2023

All Kerala Physics Talent Search Examination, organized by the Academy of Physics Teachers (APT) Kerala, was held on December 21, 2023, at Sacred Heart College, Chalakudy. Conducted in an online format, this annual exam aims to identify and support talented physics students across Kerala, encouraging them to pursue further studies and careers in the field of physics.

The APT Talent Search Examination comprises two stages: a written exam followed by an interview. This structure is designed to assess students' theoretical knowledge as well as their problem-solving skills and understanding of core physics concepts.

This year, nine B.Sc. Physics students from Sacred Heart College participated in the exam, representing the college's commitment to fostering academic excellence and supporting students in their pursuit of physics. The APT examination serves as a valuable platform for young physics enthusiasts, providing recognition and encouragement for their talents and potential.

Brochure:



Photograph



Participation List

Sacred Heart College, Chalakudy
Department of Physics

APT- Talent Search Examination 2023

Date: 21-12-2023 Time: 10.00-11.00AM Venue: Computer Room

Sl. No	Name of Student	Reg. No.	Year of Study	Phone number	e-mail id	Signature
1	GOWRI S	SHCC01	I BSc	8129920084	gowrisreekanth07@gmail.com	
2	VEENA JAISON	SHCC02	I BSc	8592952324	neethajai81@gmail.com	
3	JUSTLY MARIYA JOSEPH	SHCC03	I BSc	9656946140	justlymariyaj@gmail.com	
4	ANN MARY JOY	SHCC04	III BSc	9037280224	amj.maliyekkal26@gmail.com	
5	VAFA MARIYAM T P	SHCC05	III BSc	9072702404	vafamariyam199@gmail.com	
6	SWATHI SAJAN	SHCC06	III BSc	8589891909	swathisajan2003@gmail.com	
7	ANGEL ROSE BAIJU	SHCC07	III BSc	7907391043	roseangel79021@gmail.com	
8	DEVIKA K.S	SHCC08	III BSc	9207983124	devikaksudheer24@gmail.com	
9	AISWARYA P.A	SHCC09	III BSc	7025013164	aiswaryaarunkumar35@gmail.com	

Co-ordinator: Dr. Nijo Varghese 21.12.2023

2.2.1 Mechanism and Programmes organized for advanced learners and slow learners

The department identified both the advanced learners and slow learners on the basis of marks that they obtained in the entry-level test conducted by the department. On the basis of this faculties motivated the advanced learners to participate in the developmental programmes like walk with a scholar. The programme provided orientation and motivation classes and site visits to various universities for knowing the future opportunities and to interact with the scholars of different areas to these selected students. Department also conducted a Civil service training Programme to the advanced learners of all departments.

For the slow learners remedial coaching classes and peer group studies were conducted. Financial support and help from various scholarships and grants were issued to the students.

SACRED HEART COLLEGE, CHALAKUDY

BA History – Test Paper

Answer the following

1. Founder of Maurya Dynasty?
2. Indus Valley Civilization's major city?
3. First Indian emperor to embrace Buddhism?
4. First Mughal emperor
5. Location of the famous battle of 1857?
6. Leader of the Salt March
7. Capital of the Vijayanagara Empire?-
8. Founder of the Gupta Empire
9. ndian independence leader, known for his non-violent resistance
10. King who built the famous Brihadeeswarar Temple

III BA HISTORY 2023-24		
Advanced Learners	Medium Learners	Slow learners
Amil C J	Maya A R	Anitta Boban
Anjana Pradeep	Aleena P J	Ashmin Shaju
Craysal Shajan	Aleena T A	Aswathy A B
Ahalya N S	Anagha A K	Athulya Rajrswari
Nandana Baiju	Anagha K S	Athulya VR

Naseeba V N	Anagha Nanda T S	Bhadra K Chandran
Sameena Saji	Ancy P B	Bismol Benny
Riswana A S	Aneettamol Jinson	Christeena Babu
Seethalakshmi K B		Devika K G
Mrudula Varghese		Gopika Gopinath
		Jeeva AK
		Jeffit Jeffy
		Josiya Johny
		Akhila Varghese

Methodology to identify the SL, ML, AL

Higher Secondary Marks

Percentage of marks above 80%	Amil C J
	Anjana Pradeep
	Craysal Shajan
	Ahalya N S
	Nandana Baiju
	Naseeba V N
	Sameena Saji
	Riswana A S
	Seethalakshmi K B
	Mrudula Varghese
Percentage of marks above 70%	Maya A R
	Aleena P J
	Aleena T A
	Anagha A K
	Anagha K S
	Anagha Nanda T S
	Ancy P B
	Aneettamol Jinson

Percentage of marks above 60%	Anitta Boban
	Ashmin Shaju
	Aswathy A B
	Athulya Rajrswari
	Athulya VR
	Bhadra K Chandran
	Gopika Gopinath
	Jeeva AK
	Jeffit Jeffy
	Josiya Johny
	Akhila Varghese

Percentage of marks below 60%	Bismol Benny
	Christeena Babu
	Devika K G

II BA HISTORY		
Advanced Learners	**Medium Learners**	**Slow learners**
Ayisha Shafeek	Aparana P U	Priyalakshmy R
Fathimuth Basheer	Aparnavenugopal	Rosemariya
Priya P V	Aparnendu R	Sreekutty K D
Sanisha C S	Apsara P Sajan	Sreya. M
Sumanya K	Ashna Mendez	Sruthiraj P
Akshara C A	Aswathi M P	Surya M B
Akshaya V V	Bhadra Premachandran	Swetha Krishna
Aleena K J	Bindhiya Biju	Thrisha T S

Ammu Achuthan	Devika A R	
Anjana C B	Devika V S	
Anna Adheena Shajan	Gopika K B	
Anupama M S	Gopika V S	
	Harishma P S	
	Harsha K P	
	Josna Jose P J	
	Krishnapriya A R	
	Krishnendu K S	
	Mariya Martin	
	Midhuna Varghese	
	Nayana A	
	Nikhila Madhu	

Methodology to Identify the Sl. Ml, Al

Higher Secondary Marks

Percentage Of Marks Above 80%	Ayisha Shafeek
	Fathimuth Basheer
	Priya P V
	Sanisha C S
	Sumanya K
	Akshara C A

	Akshaya V V
	Aleena K J
Percentage Of Marks Above 70%	
	Ammu Achuthan
	Anjana C B
	Anna Adheena Shajan
	Anupama M S
	Aparana P U
	Aparnavenugopal
	Aparnendu R
	Apsara P Sajan
	Ashna Mendez
	Aswathi M P
	Midhuna Varghese
	Nayana A
	Nikhila Madhu
Percentage Of Marks Above 60%	Bhadra Premachandran
	Bindhiya Biju
	Devika A R
	Devika V S

	Gopika K B
	Gopika V S

	Priyalakshmy R
	Rosemariya
	Sreekutty K D
	Sreya. M
	Sruthiraj P
Percentage Of Marks Below 60%	Harishma P S
	Harsha K P
	Josna Jose P J
	Krishnapriya A R
	Krishnendu K S
	Mariya Martin
	Surya M B
	Swetha Krishna
	Thrisha T S

2023-24 I BA History		
Advanced Learners	**Medium Learners**	**Slow Learners**
Amaya S.R	Kavya K	Abiya Rajan
Arya P.B	Krishna Priya E O	Adithya P.S
Aswathy P M	Libina Babu	Akhila .A
Athulya Ab	Malu Mani	Aleena Jaison
Avani A D	Mariya Martin	Anagha T.R
Avani T M	Mary Agnes Fernandez	Anamika E.K
Chikkulakshmi Hari	Nandhana Sabu	Ancy P A
Deepa Rose K B	Sandra K S	Anusree O.K
Devika Ravi	Shahala V	Anusree V.M
Dhanya K P	Shahsadi M	Archana E V
Fathima V.H	Sikha Prakash	Arya Nandha Jilesh
Gloria Sabu	Sisira P	
Hanan Jasmin Tk	Sneha T V	
Jaisly Sebastian	Sona M. P	
Jayasree K V	Sona Sunil	
Jisha A B	Sona V Joseph	
Varsha Wilson K	Sreedevi K K	
	Sreedhu A.V	
	Sruthy Divakran	
	Surya O	
	Vismaya Mol C V	
	Vrindha M	

Methodology To Identify the Sl,Ml, Al

Higher Secondary Marks

Percentage Of Marks Above 80%	Amaya S.R
	Arya P.B
	Aswathy P M
	Athulya Ab
	Avani A D
	Avani T M
	Chikkulakshmi Hari
	Deepa Rose K B
	Devika Ravi
	Dhanya K P
	Fathima V.H
	Gloria Sabu
	Hanan Jasmin Tk
	Jaisly Sebastian
	Jayasree K V
	Jisha A B
	Varsha Wilson K
Percentage Of Marks Above 70%	
	Kavya K
	Krishna Priya E O
	Libina Babu
	Malu Mani
	Mariya Martin
	Mary Agnes Fernandez

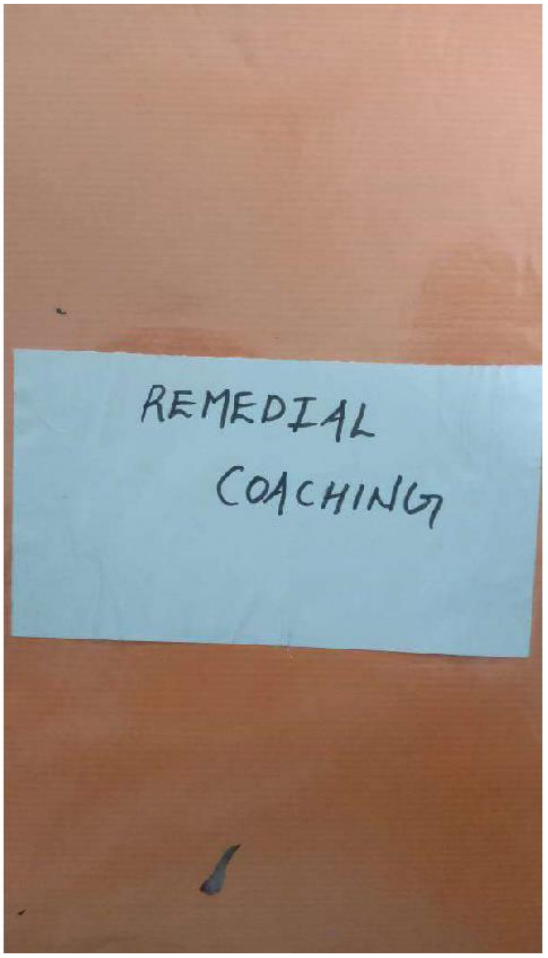
	Nandhana Sabu
	Sandra K S
	Shahala V
	Shahsadi M
	Sikha Prakash
	Sisira P
	Sneha T V
	Sona M. P
	Sona Sunil
	Sona V Joseph
	Sreedevi K K
	Sreedhu A.V
	Sruthy Divakran
	Surya O
	Vismaya Mol C V
	Vrindha M
Percentage Of Marks Below 60%	Abiya Rajan
	Adithya P.S
	Akhila .A
	Aleena Jaison
	Anagha T.R
	Anamika E.K
	Ancy P A
	Anusree O.K
	Anusree V.M
	Archana E V
	Arya Nandha Jilesh

Peer group

Students are divided into different groups, with each group led by a student leader. These leaders take the initiative to guide and teach the members of their group. This approach fosters interpersonal relationships and a sense of interconnectedness, promoting the intellectual growth of the students. As a result, the campus environment becomes more learner-centered and participatory.

Remedial Coaching

The faculty of the department conducts remedial coaching for students who are struggling academically. During free hours, additional classes are held to focus on topics that students find particularly difficult. The content is broken down into manageable sub-topics, ensuring that key concepts are clarified and understood. This process is repeated every year, helping to provide continuous support to students in need.



Invited Talk

Research Methodology- Techniques and Methods'

History Association Inauguration

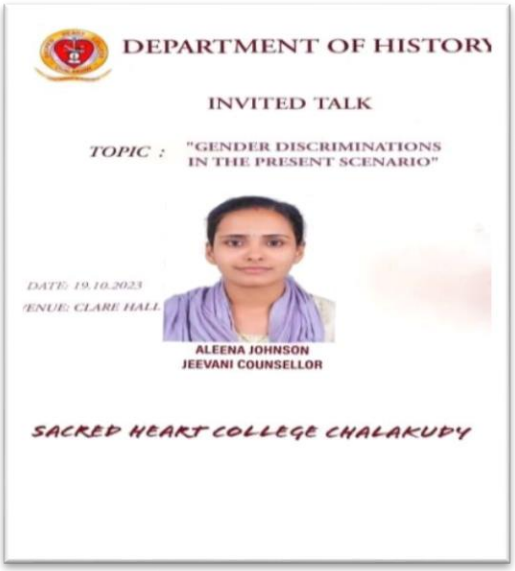
History Association named 'HASH' (History Association of Sacred Heart) has been inaugurated on 11th September 2023, by Dr. Remani K K Assistant Professor & HoD of KKTM Government ,Pullut, She delivered the academic talk **on 'Research Methodology – Techniques and Methods'**. She took the session on various aspects of writing a dissertation including selection of topic, collection of sources etc . She also covered various steps of writing a good research paper. The purpose of the research methodology class is to create an awareness among students for their further research studies. 73 students attended the seminar. The function was presided by Principal Dr.Sr. Irene . Ms Meenu Jacob welcomed the speaker. Ms Naseeba V.N, Student representative proposed vote of thanks.





Gender Discriminations in the Present Scenario

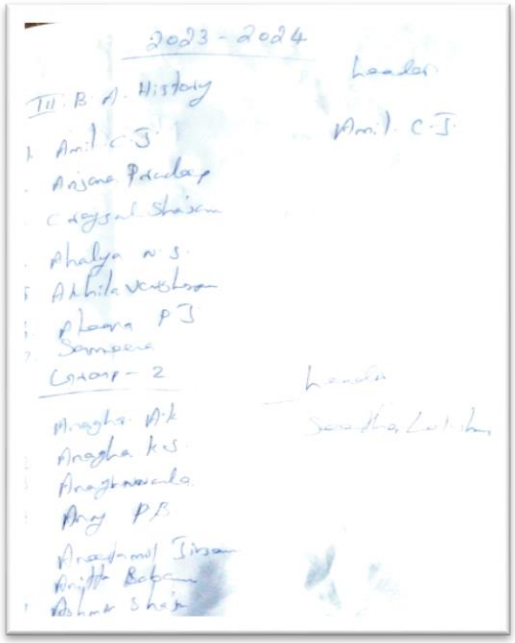
Department of History organised an invited talk on Gender Discriminations in the present scenario. Ms Aleena Johnson, Jeevani Counsellor deliverd the lecture. More than 90 students participated in the programme. She talk about the different kinds of gender discriminations and the need of empowering women to achieve the gender equality .

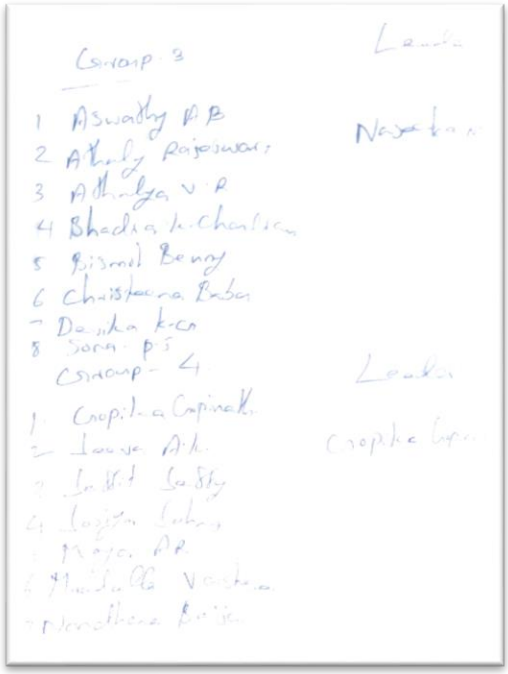

DEPARTMENT OF HISTORY
INVITED TALK
TOPIC : "GENDER DISCRIMINATIONS IN THE PRESENT SCENARIO"
DATE: 19.10.2023
VENUE: CLARE HALL
ALEENA JOHNSON
JEEVANI COUNSELLOR
SACRED HEART COLLEGE CHALAKUDY

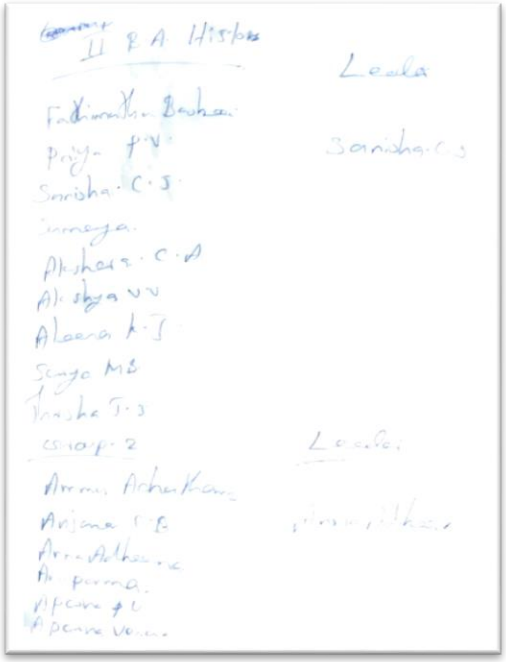

GPS Map Camera
Chalakudy, Kerala, India
882G+R3G, Chalakudi Mala Rd, Chalakudy, Kerala 680722, India
Lat 10.302336°
Long 76.325351°
19/10/23 01:36 PM GMT +05:30
Google

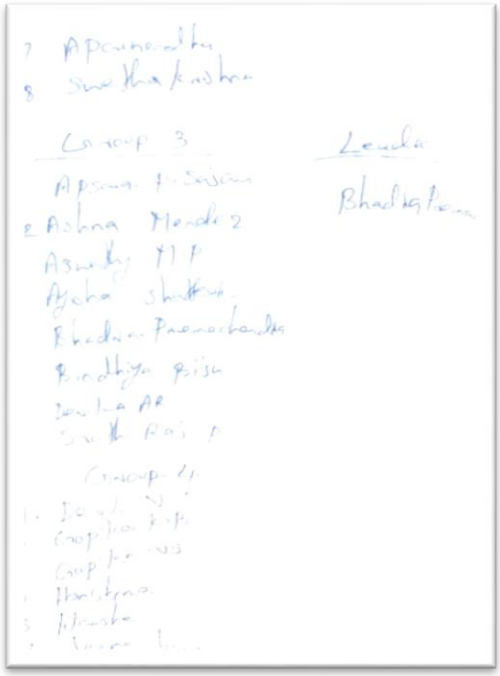
Department of History

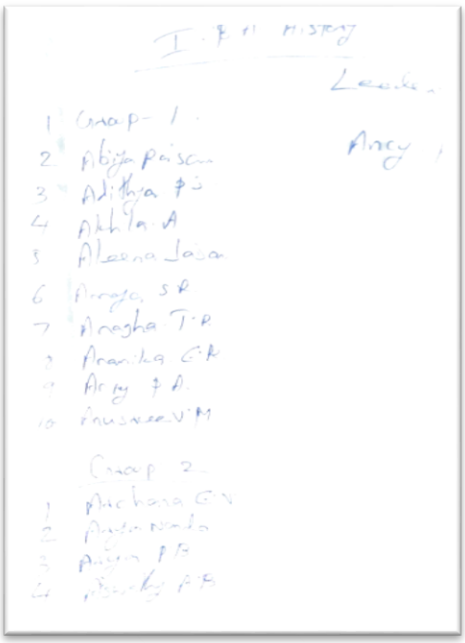
Peer Learning











I - [illegible] History

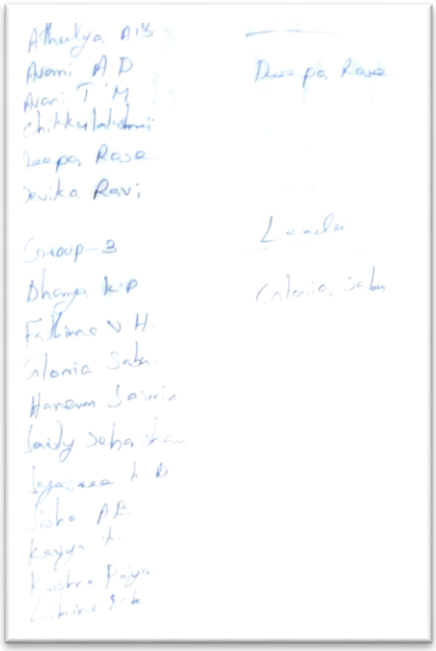
Leader -

Group - 1 -

1 Group - 1 -
2 Abija Paisan
3 Adithya P S
4 Akhila A
5 Aleena Jaise
6 Anagha S R
7 Anagha T P
8 Anamika G R
9 Arya P A
10 Aswathy V M

Group - 2 -

1 Archana G V
2 Asha Nanda
3 Aswin P S
4 [illegible]



Athulya A S
Avani A D
Avani T M
Chithralekshmi
Deepa Rose
Jenika Ravi

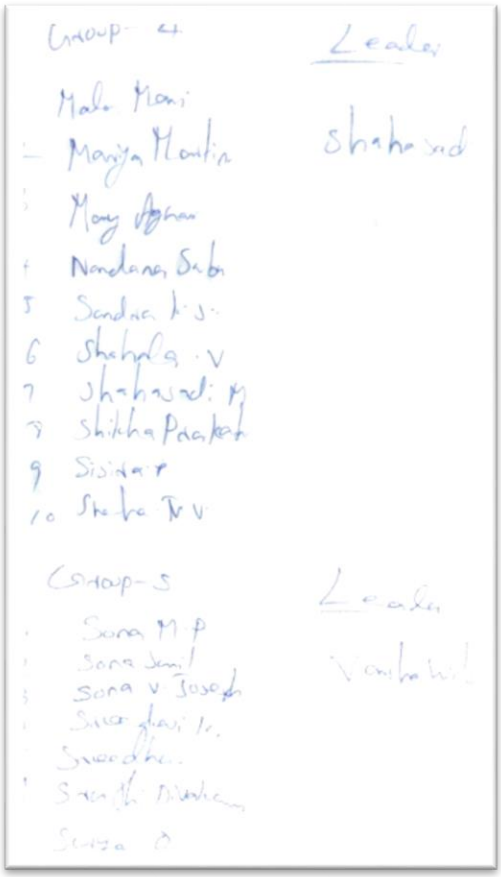
Deepa Rose

Group - 3

Bhavya K P
Fathima V H
Gloria Saba
Haneem Saimin
Jaidy Sebastian
Jeganesa K B
Jisha A E
Kavya K
Keerthana Jayan
Libina Sha

Leader

Gloria Saba



Group - 4

Leader

Malu Mani
1 Mariya Martin
2 Mary Agnes
4 Nandana Saba
5 Sandra K J
6 Shahula V
7 Shahavadi M
8 Shikha Prakash
9 Sisira P
10 Sneha T V

Shahavadi

Group - 5

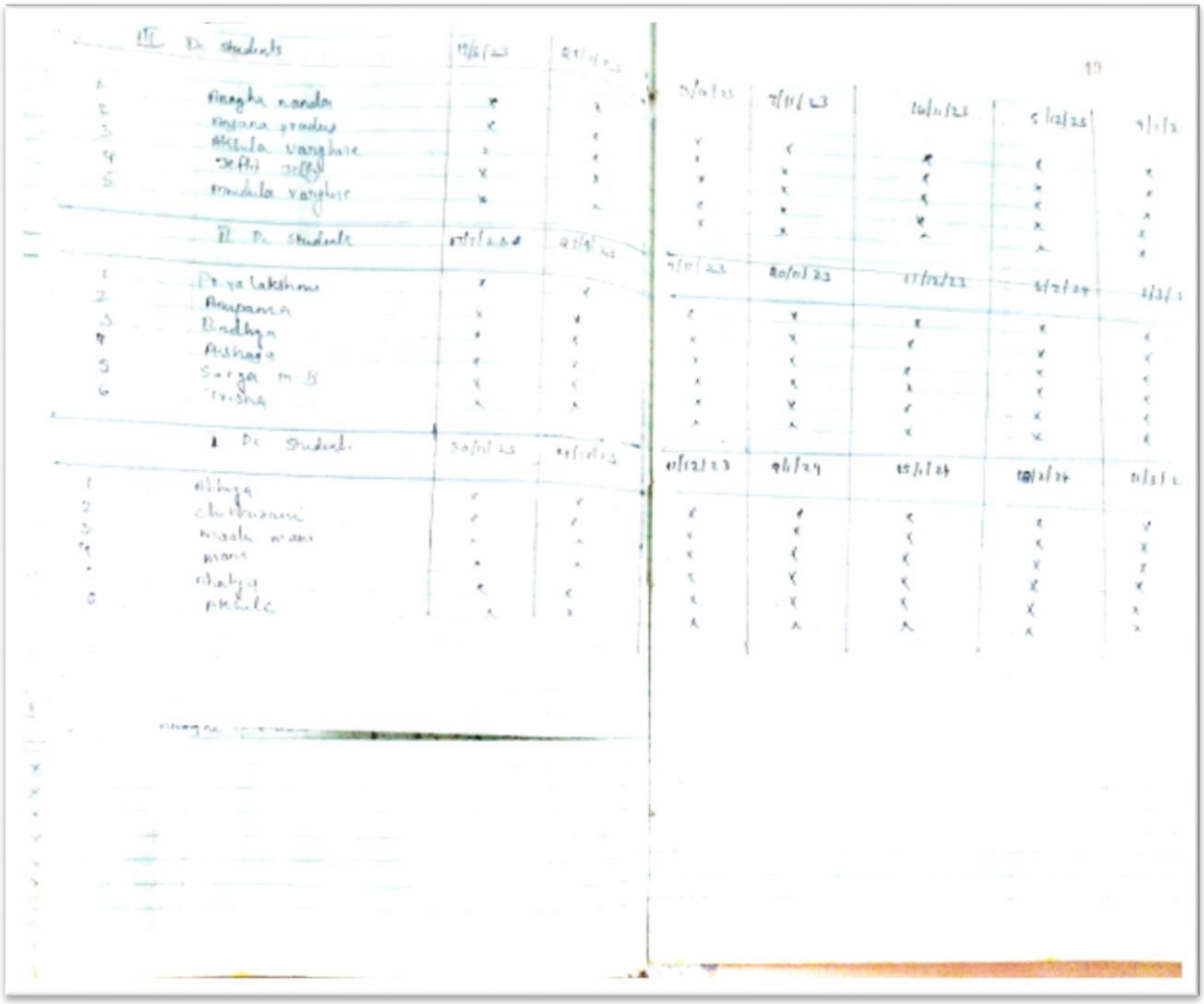
Leader

1 Sona M P
2 Sona Sunil
3 Sona V Joseph
4 Swathi K
5 Swathi
6 Swathi Mathew
Sneha P

Vanitha

DEPARTMENT OF HISTORY

REMEDIAL TEACHING



III year B.sc. chemistry.

2023-2024

Sl. No.	Name.	Internal exam (%)	seminars & Assignment	over all Performance	AL/SL
1.	Abhirami K.S.	82	94	88	AL
2	Hridaya Subhash	89	92	90.5	AL
3	Isha P Sunilkumar	72	78	75	SL
4	Sreenandhana A.S.	80	90	85	AL
5	Suvarna K.S.	78	94	86	AL
6	Aleena Wilson	74	75	74.5	SL
7	Anagha Sunil	93	93	93	AL
8	Aswini Jibi	85	92	88.5	AL
9	Bhavana K	89	78	83.5	AL
10	Deepthi K	80	90	85	AL
11	Efriya P.J.	86	94	90	AL
12	Emil mariya	74	70	72	SL
13	Jesna Jofy	75	86	80.5	AL
14	Nivedhitha P Subash	86	87	86.5	AL
15	Souparnika T.J.	85	94	89.5	AL

gp I		June (9)	July (10)	August (11)	September (9)	October (10)	November (11)	December (9)	January (8)	February (9)	March (10)
1.	Abhirami A.S.	9	10	10	8	10	9	8	8	7	9
2.	Hridaya Subhash	9	8	9	9	10	10	8	7	9	9
3	Sreenandhana A.S.	7	10	10	9	8	9	9	8	9	10
4	Isha P Sunilkumar	8	10	11	7	8	9	9	8	9	10
5	Aleena Wilson.	9	9	9	9	8	11	9	8	8	9
gp II 1.	Suvarna K.S.	9	9	10	9	10	10	9	8	8	9
2	Bhavana K.	8	9	10	9	10	11	8	7	9	9
3	Anagha Sunil	8	9	11	9	10	11	9	8	9	10
4	Aswani Jibi	9	10	10	8	9	11	8	7	6	10
5	Deepthi K.	9	10	9	7	8	12	7	6	7	9
gp III 1.	Efriya P.J.	7	9	10	8	10	10	9	7	8	10
2	Emil maria.	8	8	9	8	7	9	8	8	8	9
3	Jesna Jofy	9	10	9	9	10	10	8	8	9	9
4	Niveditha P.S.	9	10	8	9	10	11	8	8	9	8
5	Souparnika T.J.	9	8	9	9	10	11	9	8	9	7

2023-2024.

II Year B.Sc. Chemistry.

Sl No.	Name.	Entry level enam.	Qualifying enam.	Over all performance.	AL/SL
1	Ameera Nugain UN	94	93	93.5	AL
2	Aparna Raj. P.T.	73	72	72.5	SL
3	Aysha Rafeek.	95	95	95	AL
4	Drishya K.	85	89	87	AL
5	Deepika K.R.	77	80	78.5	SL
6	Meghana mohan	72	78	75	SL
7	Nourin K.P.	90	86	88	AL
8	Praveena K.P.	62	74	68	SL
9	Shiga P. Sunilkumar	92	90	91	AL

gp I.	Name.	June.	July	August	September	october	November	December	January	February	March
1	Ameera Nujain.	8	9	7	9	10	10	7	9	10	9
2	Aparna Raj P.T.	7	9	7	9	10	10	7	9	10	9
3	Nourin K.P.	7	8	7	8	9	9	7	9	10	8
gp II. 1	Aysha Rafeek.	8	7	6	9	8	9	6	8	9	9
	Deepika K.R.	8	9	7	9	10	10	7	9	9	8
	Praveena K.P.	6	8	6	9	10	10	7	9	10	8
gp III. 1	Drishya K.	7	8	6	9	10	10	6	8	10	8
2	Meghana Mohan	8	9	7	9	9	9	6	9	9	9
3	Shiga P. Sunilkumar.	8	8.	6.	8	9	10	7	9	10	9

2023-2024.

I DC. Chemistry.

	Name.	Entry Level exam (%)	Qualifying exam (%)	Overall Performance	AL/SL.
1	Adithya Unnikrishnan		60	65	SL
2	Ananya M.	70%	58	69	SL
3	Angel Tomy	93.42%	95	94	AL
4	Anita Jose	91%	85	89	AL
5	Arya T.S.	61%	65	63	SL
6	Fathima Hana M.P.	86%	68	68	SL
7	Grace George.	72%	70	71	SL
8	Judevina Mankis	92.4%	86	89.2	AL
9	Keerthana C.L.	75%	70	72.5	SL
10	Mithra Sudheer	89%	71	80	SL
11.	Rossveena Wilson	97.4%	96	96.7	AL
12	Sini Sam	91.3%	86	88.65	AL
13	~~Arsha Rafeek~~				
14					

	GROUP I	June (8)	July (9)	August (8)	September (6)	October (9)	November (9)	December (8)	Janu (10)	Febru (8)	March (6)
1	ADITHYA	7	9	8	6	9	9	7	9	7	6
2	ANANYA.	8	8	8	6	9	9	8	10	7	5
3	ANGEL	8	9	7	6	8	8	6	8	8	6
4	ANITA	7	9	6	5	9	8	7	10	8	4
	GROUP II										
1	ARYA T.S.	8	8	8	6	9	7	8	10	7	4
2	FATHIMA HANA.	8	9	8	6	7	9	7	9	8	5
3	GRACE	8	9	6	5	9	8	7	10	8	6
4	JUDEVINA.	7	9	8	6	9	8	8	9	7	6
	GROUP III										
1	KEERTHANA.	8	9	8	6	9	8	8	9	8	4
2	MITHRA.	7	8	8	6	8	9	8	10	8	5
3	ROSSUEENA	8	9	7	6	9	8	7	8	7	6
4	SINI SAM.	8	9	8	5	9	8	7	9	7	6

2023 - 2024

II year M. Sc. Chemistry.

		Internal marks (%)	Seminars & Assignments	overall Performances	AL/SL
1	Nazin A.N	74	78	76	SL
2	Anjana V.M	80	80	80	AL
3	Vyshnavi Kartha	70	70	70	SL
4	Reshma C.C.	65	70	67.5	SL
5	Vishnupriya V.R.	75	80	77.5	SL
6	Celina K.F.	80	82	81	AL
7	Riya Rasana R.R.	83	84	83.5	AL
8	Theertha Krishna	75	79	77	SL
9	Sneha. C.S	78	80	79	SL
10	Shanibha.	82	83	82.5	AL.

Advanced	Learners.
Anjana V.M. Celina K.F. Riya Rasana R.R. Shanibha.	Nazrin A.N. Vyshnavi Kartha Reshma C.C. Vishnupriya V.R. Theertha Krishna Sneha C.S.

2023 - 24

Advanced Learners.

62

	Name	6/1/24	20/1/24	27/1/24	
1	Abhirami. K.S.	x	x	a	
2	Hridaya Subhash	a	x	x	Hridaya.
3	Sreenandhana	x	x	x	
4	Anagha Sunil	x	x	a	
5	Aswini Jibi	a	x	x	
6	Bhavana. K.	x	a	x	Bhavana.
7	Deepthi K.	x	x	x	
8	Efriya P.J.	x	x	a	
9	Jesna Jofi	a	x	x	
10	Nivedhitha P Subhash	x	x	x	
11	Souparnika T.J.	a	x	a	Souparnika.
12	Arpana V.M.	x	x	a	
13	Celina. K.F.	a	a	x	
14.	Riya Rasan. K.R.	x	x	x	
15	Shanibha.	x	x	x	

SACRED HEART COLLEGE, CHALAKUDY

Department of English

I BA English 2023-24

List of Advanced, Medium and Slow learners

ADVANCED	MEDIUM	SLOW
1. CAROLINE K B 2. JOANN MILTON DECOUTH 3. MERNA JOSE	1. AKHILA CJ 2. ANN MARIYA BIJU 3. ANN MARIYAK S 4. CB SRUTHI 5. DEVAPRIYA P.M. 6. NANDANA MB 7. SANIYA AFSAL 8. ANAGHA RAVEENDRAN T	1. ASWATHY TS 2. BHAGVALAKSIMI S. 3. GOPIKA K 4. JAIN MARY JACOB 5. KRISHNA S 6. RAHANA MR 7. SANIKA SURESH 8. THULASI I S 9. ARYA M

II BA ENGLISH CATERGORIZATION OF LEARNERS

Advanced Learners

1. Amal Roshna M
2. Meenakshi M
3. Niya Sheril
4. Anjana Anirudhan
5. Sreeshma P P
6. Sruthy C R
7. Jisna Jomy
8. Mubeena S
9. Rajeshwari E L

Medium Learners

1. Akshara Babu
2. Ameena CB
3. Anugraha M I
4. Arathy Sajeev

5. Avanthika C B
6. Rajwa Zayan
7. Sreya Venu
8. Anna Varghese
9. Athmika A R
10. Fathimathu Shaniba
11. Gauri Nandanan
12. Sandhra T B

Slow Learners

1. Anisha Thomas
2. Krishnapriya M
3. Jishna UP
4. Sayana P P

B. A. English Language and Literature (2021-2024)

Sl. No.	Advanced Learners	Medium Learners	Slow Learners
1.	Alby K. T.	Anjana A.	Agnas Mariya
2.	Amritha Unni	Chandini Chandran	Ann Grace
3.	Anna Julia	Afna K. K.	Delisha Desna
4.	Krishnapriya V.	Anna Nelson	
5.	Nandhana Nair	Arsha Mariya	
6.		Nandhana K. U.	
7.		Sahla C. K.	

Ms. Noble A. Paliath

Class-in-charge

Sacred Heart College Chalakudy
Deptartment of English

List of Slow, Medium and Advanced Learners

M.A English II Year 2023-24

S.l no:	Advanced Learners	Medium Learners	Slow Learners
1	Aiswarya S Menon	Bhuvana P.A	Handy Davis
2	Deepthi Mariya	Liya A Thariyan	Amruthanandha P.S
3	Krishna Ramachandran		P.M Minsa Rafeeque

M.A English I Year 2023-24

S.l no:	Advanced Learners	Medium Learners	Slow Learners
1	Ciya Shaju	Punya A.M	Shifana T.A
2	Jiss Mariya M	Aadhila A.J	Swathi Krishna K U
3	Lidhiya Krishna M.D	Riswana P.R	Swathy K Chandran

Department of Commerce
Assessment of Students Levels in 2023-24

Sl.No	Name Of The Students		
	Slow Learners	**Medium Learners**	**Advanced Learners**
1	Riya Raju	Neha Thomas	Liya Ouseph
2	Aloshitha Joy	Neha Biju	Mariya Davis
3	Harsha Shaji	Anu Baby	Neha James
4	Jisna Shaju	Ganga Shaji	Christy John
5	Sreegadha B	Aiswarya Sasi	Gopika C u
6	Sreeganga B	Aswany Appukutty	Anjana MS
7	Sisira	Feviya KF	Alphonsa KV
8	Ashna E P	Nandhana KB	Shwetha A T
9	Alen Rose James	Sethulakshmi PS	I S Ardra
10	Asraya Sojan	Adhira TM	Devika V Rajeev
11	Anamika P S	Aneeta MP	Aiswarya KS
12	Devika P S	Anna Rose babu	Fathima Nasreen KS
13	Nandhana Chandran	Anupama ES	Aneeta Roy
14	Samasya Unnikrishnan	Arya MH	Anitta V S
15	Seniga P S	Janika Venunathan	Anjana Santhosh
16	Gopika K	Amritha K Soman	Arya K M
17	Sreelakshmi P B	Dilma U Varghese	Arya S Nair
18	Bileena A B	Minnu Johnson	Avani A V
19	Devikrishna M S	Mariya Johnson	Jifna O J
20	Amretha T S	Nandhana R Unnikrishnan	Jisa Wilson
21	Delna MD	Nasrin Iqbal	Lakshmipriya Joby
22	Hariyat M J	Hanna Fathima	Maria Thomas
23	Nihitha TH	Vrindha K V	Rosemin P R

24	LakshmiNandhana P R	Aadhilakshmi T S	Alaisha Christy
25	Anagha V K	Abhina Manoj	Sandra K R
26	Rosemary CR	Aleena Sony	Siyana Nishaf
27	Sandra K R	Alin Rose PS	Alina Biju Ellikkal
28	Sandra Dinesh	Amrutha PM	Abhigail Beetil
29	Ameesh Ramesh	Anshiya I R	Arunima Menon
30	Athulya CS	Sandramol P S	Hana Fathima V S
31	Gopika M	Sneha Poulose	Nirpuama K S
32	Neha Shaju	Aleena Joji	Sandra Subhash
33	Prema Devi K	Nandhana AB	Sneha Wilson
34	Sandra A S	Varsha TV	Ann Mariya Varghese
35	Aashifa AS	Midhuna Baiju	Nandhana KD
36	Arathy T R	Sayujya TS	Parvathy C S
37	Agraja T A	Nithya Das	
38	Sahala K S	Lakshmipriya KR	
39	Subha A		
40	Anntreasa Baiju		
41	Ancy Shaijan		
42	AnnMariya C K		
43	Devika CD		
44	Gopika Dasan		
45	Raichal K R		

SACRED HEART COLLEGE
CHALAKUDY
Light shines in darkness

PG DEPARTMENT OF COMMERCE

Name : **School:**

Class :

Mobile :

E Mail:

1. **Who is the Father of Scientific Management ?**

   (A) Henry Fayol (B) Elton Mayo (C) Chester Bernard (D) F. W. Taylor

2. **Unity of command implies having not more than one–**

   (A) Subordinate (B) Friend (C) Superior (D) Unit

3. **Control function of management implies–**

   (A) To bring harmony in various activities (B) To keep the workforce satisfied

   (C) To take corrective course of action (D) To dictate the subordinates

4. **Maslow's needs hierarchy theory relates to–**

   (A) Motivation (B) Leadership (C) Communication (D) Directing

5. **Depreciation is a process of which one of the following ?**

   (A) Valuation of assets

   (B) Allocation of acquisition cost over the estimated useful life of the asset

   (C) Allocation of realizable value over the estimated useful life of the asset

   (D)Estimating the market value of the asset on the balance sheet date

6. **According to going concern concept a business entity is assumed to have–**

   (A) A long life (B) A small life(C) A very short life (D) A definite lifes

7. **Father of accounting————**

   (A) Adam Smith (B)David Ricard (C)Luca Pacioli (D)Alfred Marshall

8. **Double Entry System was introduced in–**

   (A) America (B) Japan(C) India (D) Italy

9. 11. Which statement is not true in respect of a Balance Sheet ?

(A) It is an account(B) It is prepared every month(C) It is prepared to check the mathematical accuracy

(D) All of the above

10. Partnership may come into existence by–

(A) The operation of law (B) An express agreement only

(C) An express or implied agreement only (D) Inheritance of property

11. .The goods taken by the proprietor from the shop for personal use is debited to–

(A) Shop account (B) Goods account(C) Capital account (D) Drawings accounts

12. 14. According to Balance Sheet equation concept, the capital will be–

(A) Capital = Liabilities – Assets (B) Capital = Fixed Assets –Current Assets

(C) Capital = Assets – Liabilities (D) Capital = Assets + Liabilities

13. Goodwill, Copyright and Trademarks should be classified as–

(A) Tangible assets (B) Intangible assets(C) Current assets (D) Fictitious assets

14. Grapevine communication is a type of–

(A) Formal communication (B) Informal communication(C) Horizontal communication (D) Vertical communication

15. Identify the tagline " pure banking nothing else"

Bank of Baroda (B) State Bank Of India (c) Canara Bank (d) south indian bank

16. Who has been sworn in as the new chief Justice Of Kerala

(a) K T Koshi (b) Ashish J Desai (C) Arjith Pasayat (d) Antony Dominic

17. Who is the current finance minister of India?

(a)Arun Jaitley (B) Nirmala Seetharaman (C)S Jaishankar (D) Amit Shah

18. How many digits in Aadhar

(a)10 (B) 12(c) 14 (d) 8

19. Present RBI Governor

(a) Urjit Patel (b) Shakthikanta Das (c) Reguram Rajan (d) Nirmala Seetharaman

20. Headquarters of SEBI

(a) Kolkata (b) Chennai (c) Mumbai (d) Delhi

III BCom finance and Computer Applications

	23/6/23	07/7/23	22/7/23	4/08/23	18/8/23	06/09/23	21/09/23	14/10/23	18/11/23	11/01/24	16/02/24
Aloshitha Joy	x	x	x	x	x	x	x	x	x	x	x
Harsha Shaji	x	x	x	x	x	x	x	x	x		
Jisna Shaju	x		x		x	x	x	x	x		
Riya Raju	x	x	x	x	x		x		x	x	x
Sreegadha B	x	x	x	x	x	x	x	x	x		x
Sreeganga B.	x	x	x	x		x	x		x		x
Sisira		x	x	x		x	x	x	x		x
Alen Rose James	x	x	x	x	x		x		x	x	x
Anamika	x		x	x	x	x	x	x	x	x	x
Asraya Sojan	x	x	x	x	x		x	x		x	
Devika P S		x	x	x	x		x	x		x	x
Nandana Chandran	x	x	x	x	x		x	x	x	x	
Samasya Unnikrishnan	x	x	x	x	x	x	x		x		x
Sreelakshmi P B		x	x	x	x	x	x	x		x	
Seniga P S	x	x	x	x	x		x	x		x	x
Gopik K	x		x	x		x				x	x
Ashna E P		x		x			x		x	x	x

II BCom Finance and Co-operation

26

	24/6/23	05/7/23	15/7/23	28/7/23	16/8/23	8/9/23	6/10/23	26/10/23	17/11/23	05/01/24	25/01/24
Bileena A B	x	x	x	x	x	x		x	x	x	x
Devikrishna MS	x		x	x	x		x	x	x	x	x
Amrutha T S	x		x	x			x	x		x	
Delna M D	x	x	x	x	x	x	x	x	x	x	x
Hasiyat M J	x	x	x	x	x	x	x	x	x	x	x
Nihitha T H	x	x	x	x	x	x	x	x	x	x	x
LakshmiNandana P R	x	x			x	x	x		x		x
Anagha V K		x	x		x	x	x	x		x	x
Rosemary C R	x	x	x	x	x		x	x	x	x	x
Sandra K R	x			x	x		x				
Sandra Dinesh	x	x	x	x		x	x	x	x	x	x
Athulya C S	x		x		x	x	x		x	x	
Gopika M	x	x	x		x	x	x			x	
Neha Shaju	x	x	x	x	x	x	x	x	x	x	
Prema Devi K	x	x	x	x	x			x	x	x	x
Sandra A S			x	x	x	x		x		x	
Ameesha Ramesh			x	x		x					

I BCom Finance and Co-operation

	15/9/23	29/9/23	13/10/23	26/10/23	03/11/23	16/11/23	04/1/24	20/01/24	15/02/24	19/2/24	6/03/24
Aashifa AS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Arathy TR	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
Agraja TA	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Sahala KS		✓		✓	✓	✓		✓	✓		✓
Subha A	✓	✓		✓	✓		✓		✓	✓	
Anntreasa Baiju	✓	✓	✓			✓	✓	✓	✓	✓	✓
Ancy Shaijan	✓	✓	✓		✓		✓	✓	✓	✓	✓
AnnMariya CK		✓	✓	✓	✓	✓	✓	✓		✓	✓
Devika CD	✓		✓	✓		✓		✓	✓		✓
Gopika Dasan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Raichal KR	✓		✓	✓	✓	✓	✓		✓	✓	✓

DEPARTMENT OF COMMERCE

Mentoring Slow learners





Department of Commerce

Peer learning for Advanced Learners











ADVANCED LEARNERS AND SLOW LEARNERS

APTITUDE TEST

DEPARTMENT OF PSYCHOLOGY

Department of Psychology, conducts Aptitude test in Psychology to assess student's cognitive potential, abilities talents providing valuable insights into the learning capabilities of students.

The goal is to evaluate how well a learners can grasp concepts, solve problems and dtermine their readiness for specific tasks and guide educational strategies and Intervention.

Thus Department identifies Slow Learners, Average Learners and Advanced laerners. Department provides Remedial Coaching and Peer teaching for Slow Learners.

1. What is the main focus of psychology?

a) Study of the mind and behavior

b) Study of biology

c) Study of external stimuli

d) Study of plants

2. Which of the following is an example of a behaviorist approach to psychology?

a) Exploring unconscious desires

b) Studying how environmental factors influence behavior

c) Analyzing thought processes

d) Studying the influence of early childhood experiences

3. Who is considered the father of modern psychology?

a) Sigmund Freud

b) Wilhelm Wundt

c) Carl Rogers

d) John Watson

4. What is the term for a mental state where someone is aware of their surroundings and thoughts?

a) Sleep

b) Consciousness

c) Unconsciousness

d) Memory

5. In classical conditioning, which stimulus is paired with an unconditioned stimulus to produce a conditioned response?

a) Conditioned stimulus

b) Unconditioned stimulus

c) Neutral stimulus

d) Reinforcement stimulus

6. What does the term "cognition" refer to in psychology?

a) Learning through reinforcement

b) Thinking, remembering, and problem-solving

c) Behavior that is observable

d) Emotional responses

7. Which part of the brain controls basic life functions such as heart rate and breathing?

a) Hippocampus

b) Medulla

c) Cerebellum

d) Amygdala

8. Which psychological perspective focuses on unconscious thoughts and early childhood experiences?

a) Cognitive

b) Behavioral

c) Psychoanalytic

d) Humanistic

9. What is the term for a sudden and intense feeling of fear or discomfort?

a) Phobia

b) Anxiety attack

c) Panic attack

d) Depression

10. Which of the following is an example of intrinsic motivation?

a) Studying for a test to get a good grade

b) Playing sports to win a trophy

c) Reading for enjoyment

d) Going to work to earn money

11. What is the purpose of reinforcement in operant conditioning?

a) To punish undesirable behavior

b) To increase the likelihood of a behavior happening again

c) To reduce behavior

d) To encourage unconscious behaviors

12. Which of the following is a characteristic of a person who is self-actualized, according to Maslow?

a) They are fully motivated by external rewards

b) They have achieved their full potential

c) They are constantly seeking social approval

d) They avoid challenges and risks

13. What type of memory holds information briefly after an event has occurred?

a) Long-term memory

b) Sensory memory

c) Short-term memory

d) Procedural memory

14. What is the term for the ability to recall or recognize information when needed?

a) Perception

b) Memory

c) Learning

d) Cognition

15. Which of the following is an example of a secondary reinforcer?

a) Food

b) Water

c) Money

d) Praise

16. What does the "nature vs. nurture" debate focus on?

a) The role of social influences in behavior

b) The impact of genetics vs. environmental factors on behavior

c) The relationship between conscious and unconscious processes

d) The effectiveness of different therapies

17. Which psychological approach focuses on how people think, remember, and solve problems?

a) Cognitive psychology

b) Behavioral psychology

c) Psychoanalytic psychology

d) Humanistic psychology

18. What does the "fight or flight" response refer to?

a) A process for making decisions

b) A physiological reaction to stress

c) A learned behavior

d) A type of cognitive bias

19. Which of the following is an example of observational learning?

a) Learning how to drive by reading a manual

b) Learning a dance move by watching someone else do it

c) Learning how to ride a bike through trial and error

d) Learning how to cook by following a recipe

20. What is the term for the process of adapting to a new environment or situation?

a) Learning

b) Adaptation

c) Conditioning

d) Memory

21. What is the main function of the cerebellum in the brain?

a) Memory storage

b) Emotional responses

c) Coordination of voluntary movements

d) Higher-level thinking

22. Which of the following is an example of a learned behavior?

a) Breathing

b) Walking

c) Speaking a language

d) Reflex actions

23. What does the term "perception" refer to in psychology?

a) The process of interpreting sensory information

b) The physical response to stimuli

c) The mental state of being aware

d) The ability to learn new information

24. Which of the following is a symptom of depression?

a) Increased energy

b) Feelings of hopelessness and sadness

c) Excessive excitement

d) High self-esteem

25. In which stage of Erikson's psychosocial development theory do people face the conflict of "Integrity vs. Despair"?

a) Adolescence

b) Early adulthood

c) Late adulthood

d) Middle childhood

26. Which of the following is an example of a positive reinforcement?

a) Giving a child a reward for doing their homework

b) Taking away privileges as a punishment

c) Ignoring bad behavior

d) Making someone do extra chores as punishment

27. What is the term for the fear of a specific object or situation?

a) Anxiety

b) Phobia

c) Panic attack

d) Generalized anxiety disorder

28. Which psychologist is known for his work on the development of the stages of moral reasoning?

a) Carl Rogers

b) Jean Piaget

c) Lawrence Kohlberg

d) B.F. Skinner

29. What is the term for the process by which we acquire new behaviors or knowledge through experience?

a) Learning

b) Memory

c) Perception

d) Thinking

30. What is the basic unit of the nervous system?

a) Neuron

b) Hormone

c) Synapse

d) Reflex

31. Which of the following is an example of a primary reinforcer?

a) Money

b) Praise

c) Food

d) Tokens

32. What does the term "self-actualization" refer to?

a) The desire to meet basic needs

b) The need to feel safe and secure

c) The achievement of one's full potential

d) The need for social relationships

33. What does "extinction" refer to in classical conditioning?

a) A decrease in the conditioned response after the conditioned stimulus is no longer paired with the unconditioned stimulus

b) A sudden increase in the conditioned response

c) The process of generalizing responses

d) The formation of new conditioned responses

34. In Pavlov’s experiments, what was the unconditioned stimulus (UCS)?

a) The bell

b) The food

c) The salivation

d) The dog

35. Which of the following is a neurotransmitter associated with mood regulation and emotional stability?

a) Dopamine

b) Serotonin

c) Acetylcholine

d) Glutamate

36. What is the term for the process by which the brain organizes and interprets sensory information?

a) Sensation

b) Perception

c) Memory

d) Attention

37. What type of memory is responsible for holding information temporarily during problem solving

or reasoning?

a) Long-term memory

b) Sensory memory

c) Short-term memory

d) Working memory

38. Which psychologist is associated with the development of the theory of operant conditioning?

a) Carl Rogers

b) B.F. Skinner

c) Albert Bandura

d) Jean Piaget

39. What is the term for the tendency to view things in a fixed way without considering alternative uses?

a) Mental set

b) Heuristic

c) Functional fixedness

d) Confirmation bias

40. Which of the following is an example of extrinsic motivation?

a) Reading a book for enjoyment

b) Studying to get a good grade

c) Playing a sport for fun

d) Solving a puzzle because you enjoy it

41. What is the term for a person's overall pattern of thinking, feeling, and behaving?

a) Personality

b) Motivation

c) Emotion

d) Intelligence

42. Which term refers to the study of how people change and develop throughout their lives?

a) Clinical psychology

b) Developmental psychology

c) Social psychology

d) Educational psychology

43. What is the process of conditioning a response to a stimulus that was previously neutral?

a) Conditioning

b) Reinforcement

c) Extinction

d) Classical conditioning

44. What is a stimulus that naturally elicits a response without prior learning?

a) Conditioned stimulus

b) Neutral stimulus

c) Unconditioned stimulus

d) Conditioned response

45. What is the "halo effect" in psychology?

a) The tendency to make quick decisions without all the information

b) The tendency to believe positive qualities in one area lead to the belief that a person is generally good

c) The tendency to judge others by their appearance

d) The belief that the future is predetermined

46. What is the name of the part of the brain that is involved in emotional responses, particularly fear?

a) Hippocampus

b) Cerebellum

c) Amygdala

d) Medulla

47. What does the term "self-concept" refer to?

a) The way you see and understand yourself

b) The ability to control your actions

c) The desire to be accepted by others

d) The way others see you

48. What is the term for a group of people who share common characteristics such as culture, interests, or background?

a) Community

b) Society

c) Group

d) Peer group

49. Which of the following refers to a learned response to a stimulus?

a) Reflex

b) Unconditioned response

c) Conditioned response

d) Innate behavior

50. What is the term for the process by which we interpret sensory information to make sense of the world around us?

a) Perception

b) Sensation

c) Emotion

d) Motivation

Second Integrated MSc Psychology

Sl.No	Name of the Student
1	ALFIYA A A
2	ANJANA P A
3	ARYACHANDRAN M A
4	ATHIRA K M
5	AKHILA N
6	ANANYA HARIDAS
7	ANN MARIYA P J
8	ANN MARY ROY
9	ARYA A
10	BHAVANA VARMA K M
11	DEVIKA NISHANTH
12	FEBIN K N
13	FIDHA FEMIL
14	KESIYA POULOSE
15	K.S HALEEMA FADIYA
16	MARY ANGELENA RAJU
17	PREENU PAULSON
18	SAFIYA K N

Sl.No	Name of the Student	Marks Total(100)	Selected
1	ALFIYA A A	88	Advanced Learners
2	ANJANA P A	82	Advanced Learners
3	ARYACHANDRAN M A	22	Slow Learners
4	ATHIRA K M	76	Advanced Learners
5	AKHILA N	12	Slow Learners
6	ANANYA HARIDAS	82	Advanced Learners
7	ANN MARIYA P J	14	Slow Learners
8	ANN MARY ROY	10	Slow Learners
9	ARYA A	86	Advanced Learners
10	BHAVANA VARMA K M	18	Slow Learners
11	DEVIKA NISHANTH	72	Advanced Learners
12	FEBIN K N	88	Advanced Learners
13	FIDHA FEMIL	34	Average Laerners
14	KESIYA POULOSE	10	Slow Learners
15	K.S HALEEMA FADIYA	82	Advanced Learners
16	MARY ANGELENA RAJU	30	Average Learners
17	PREENU PAULSON	76	Advanced Learners
18	SAFIYA K N	42	Average Learners

Second Integrated MSc Psychology

Sl.No:	Name of Student	Level of Learning
1.	ALFIYA A A	Advanced Learners
2.	ANJANA P A	
3.	ATHIRA K M	
4.	ANANYA HARIDAS	
5.	ARYA A A	
6.	DEVIKA NISHANT	
7.	FEBIN K N	
8.	K.S HALEEMA FADIYA	
9.	PREENU PAULSON	
10.	AKHILA N	Slow Learners
11.	ARYACHANDRAN M A	
12.	ANN MARIYA P J	
13.	ANN MARY ROY	
14.	BHAVANA VARMA K M	
15.	FIDHA FEMIL	
16.	KESIYA POULOSE	
17.	MARY ANGELENA RAJU	
18.	SAFIYA K N	

Sacred Heart College, Chalakudy

Department of Computer Science

Criteria for categorising the students:

Calculated Over all score from 50% of qualifying examination 25% of Skill test and 25% of First internal examination:-

Over all Score >= 80 = Advance learner
Over all Score less than 80 and greater than 60 is average learner
Over all Score < 60 is slow learner

Sl.No	Admission Year	Full Name	Main Subject (Degree Programme)	Percentage of Qualifying Examination (Degree)	Skill test
1	2022	Anu Harshan	Physics	81	20
2	2022	Anuja P A	Chemistry	83	23
3	2022	Arshitha Shaji C	Physics	69	19
4	2022	Phoncy paul	Chemistry	81	22
5	2022	Sandra Ramachandran	BSc.Computer Science	74	20
6	2022	Sona Biju	Physics	74	20
7	2022	Aswathy K J	Chemistry	78	23
1	2023	Gaythri Nair	Computer Science	78	23
2	2023	Sreedevi K S	Computer Science	62	23
3	2023	Sandra Santhosh	Physics	61	19
4	2023	Varsha Vijay	Mathematics	67	21

Criteria for categorising the students:

Calculated Over all score from 50% of qualifying examination 25% of Skill t

Over all Score >= 80 = Advance learner

Over all Score less than 80 and greater than 60 is average learner

Over all Score < 60 is slow learner

First Internal	Overall Score	Category of learner
4.15	81.35	Advanced Learner
4.5	87	Advanced Learner
3.85	72.9	Advanced Learner
3.7	81.025	Advanced Learner
3	72	Average Learner
3.3	73.5	Average Learner
6.4	94	Advanced Learner
2.4	74	Average Learner
4.15	74.75	Average Learner
3.2	65.5	Average Learner
3.5	72	Average Learner

est and 25% of First internal examination