

SREE NARAYANA COLLEGE CHENGANNUR

Alappuzha, Kerala

Affiliated to University of Kerala
NAAC Accredited with 'B' Grade



www.sncchengannur.ac.in

sncchengannur@gmail.com

CRITERIA 2

2.6: STUDENT PERFORMANCE AND LEARNING OUTCOMES

2.6.2: Evaluation of *Attainment of POs and COs*

Submitted To



THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)
FOR ASSESSMENT & ACCREDITATION – CYCLE II
AUGUST 2023



SREE NARAYANA COLLEGE
CHENGANNUR, ALAPUZHA, KERALA
Aided College Affiliated to University of Kerala
(NAAC Accredited with Grade B)

- Supporting Documents For 2.6.2: Evaluation of the Attainment of POs and COs
 - Internal Examination
 - PTA Meetings
 - Remedial Classes
 - Assignments
 - Peer Teaching and Learning
 - Group Discussion and Presentations
 - Projects
 - Laboratory Experiments
 - Extension Activities
 - University Results
 - Student Progression
 - CSIR NET Certificates

SreeNarayana College, Chengannur

Notice

First semester model examination will be scheduled to conduct from 21-03-2022. All heads of department are requested to hand over the question papers to Smt. Parvathy Ramachandran, coordinator of internal examination committee, on or before 14-03-2022.



Parvathy Ramachandran
Coordinator
Student Evaluation Committee

Shereen K
Principal-in-Charge
SN College, Chengannur



PRINCIPAL
SREE NARAYANA COLLEGE
CHENGANNUR



Sree Narayana College, Chengannur

Internal Examination Timetable for Semester I BA/ BSc / BCom -March 2022

Time: 9.30-12.30

Date	B.A.	B.Sc.	B.Com.
21-03-2022	EN 1111.1 - Language Skills	EN 1111.1 - Language Skills	EN 1111.2 - Language Skills
22-03-2022	EN 1121.1 - Writings on Contemporary Issues	EN 1121.1 - Writings on Contemporary Issues	HN 1111.1 - Hindi Gadya Our Vyavasayik Lekhan ML 1111.1 - Novel, Drama, Travelogue, Screenplay
23-03-2022	HN 1111.1 - Hindi Kadha Sahithya ML 1111.1 - Malayala Kavitha	HN 1111.1 - Hindi Kadha Sahithya ML 1111.1 - Malayala Kavitha	CO 1121 - Environmental Studies
24-03-2022	Economics EC 1141 - Introductory Micro Economics	Physics PY 1141 - Basic Mechanics and Properties of Matter Chemistry CH 1141 - Inorganic Chemistry Mathematics MM 1141 - Methods of Mathematics	CO 1121 - Methodology and Perspectives of Business Education
25-03-2022	Economics HY 1131 - History of Modern India (1857- 1900	Physics MM 1131.1 - Calculus and Sequences and Series Chemistry MM 1131.2 - Differential Calculus & Sequences & Series Mathematics ST 1131.1- Descriptive Statistics	CO 1131 - Managerial Economics
28-03-2022	Economics PS 1131 - Introduction to Political Science	Physics CH 1131.1 - Theoretical and Analytical Chemistry Chemistry PY 1131.2 - Rotational Dynamics and Properties of Matter Mathematics PY 1131.1 - Mechanics and Properties of Matter	CO 1142 - Management Concepts and Thoughts

Coordinator

(Student Evaluation Committee)



Principal

PRINCIPAL
SREE NARAYANA COLLEGE
CHENGANNUR

Sree Narayana College, Chengannur

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Coordinator

(Student Evaluation Committee)



Principal

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CHENGANNUR

Sree Narayana College, Chengannur

Ist, IIIrd and VIth Semester Internal Examination, March 2022

Classroom Allocation

Subject	Roll No.	Hall.No.
Economics : 1st Semester	1-28	C1 (68 Students)
Economics : 3rd Semester	1-30	
Physics : 1st Semester	1-2	
Chemistry : 1st Semester	1-8	
Economics : 1st Semester	29-34	C3 (72 Students)
Economics : 3rd Semester	31-67	
Physics : 3rd Semester	1- 10	
Chemistry : 3rd Semester	1-7	
Maths : 1st Semester	1	
Maths : 3rd Semester	1	
Maths : 6th Semester	1- 10	B1 (40 Students)
Chemistry: 6th Semester	1- 22	
Physics : 6th Semester	1- 13	
Chemistry : 3rd Semester	8-12	C4 (56 Students)
BCom : 1st Semester	1-15	
BCom : 3rd Semester	1- 20	
BCom : 6th Semester	1- 21	
BCom : 1st Semester	16-39	Seminar Hall (63 students)
BCom : 3rd Semester	21- 40	
BCom : 6th Semester	22- 40	


Coordinator

Student Evaluation Committee





PRINCIPAL

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S N COLLEGE CHENGANNUR

Department of Chemistry

Sheet for Continuous Evaluation


Batch: 2020-2023

Name of the course: Inorganic Chemistry-II

Semester: III

Course code: CH 1341

Sl .No	Candidate Code	Name	Assignment (10)	Test Paper (10)	Total (20)	Signature
1	23520128001	ABHILASH T MOHAN	10	07	17	
2	23520128002	AJAY.R	07	06	13	
3	23520128003	ANJANA.M	10	07	17	
4	23520128004	GAUTHAM MANMADHAN	06	06	12	
5	23520128005	GOPIKA S SHAJI	10	10	20	
6	23520128006	SAVANTH S	10	08	18	
7	23520128007	ARJUN A	07	07	14	
8	23520128008	ARSHA A KUMAR	09	09	18	
9	23520128009	NEETHU. S	10	10	20	
10	23520128010	RISHIKESH P S	07	07	14	
11	23520128011	SWETHA SURESH	09	09	18	
12	23520128012	T S ADITHYARAJ	07	06	13	


Sign of Teacher


Sign of HOD




Sign of Principal

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CHENGANNUR

S N COLLEGE CHENGANNUR

Department of Chemistry

Sheet for Continuous Evaluation

Batch: 2020-2023

Name of the course: Hindi Natak, Vyakaran
Tatha Anuvad

Semester: III

Course code: HN1311-1

Sl .No	Candidate Code	Name	Assignment (10)	Test Paper (10)	Total (20)	Signature
1	23520128001	ABHILASH T MOHAN	10	9	19	
2	23520128002	AJAY.R	10	9	19	
3	23520128003	ANJANA.M	10	9	19	
4	23520128004	GAUTHAM MANMADHAN	10	8	18	
5	23520128005	GOPIKA S SHAJI	10	10	20	
6	23520128006	SAVANTH S	10	10	20	
7	23520128007	ARJUN A				
8	23520128008	ARSHA A KUMAR				
9	23520128009	NEETHU. S				
10	23520128010	RISHIKESH P S				
11	23520128011	SWETHA SURESH				
12	23520128012	T S ADITHYARAJ				

Ranjini
13/6/2022
Sign of Teacher

Dr.V.SHREE RANJINI
ASSISTANT PROFESSOR
DEPARTMENT OF HINDI
SREE NARAYANA COLLEGE
CHENGANNUR



Ranjini
13/6/2022
Sign of HOD

Dr.V.SHREE RANJINI
ASSISTANT PROFESSOR
DEPARTMENT OF HINDI
SREE NARAYANA COLLEGE
CHENGANNUR

Sign of Principal
PRINCIPAL
SREE NARAYANA COLLEGE
CHENGANNUR

CA Mark - Final List

Course B Sc Chemistry (235)

College Sree Narayana College Chengannur Pathanamthitta(128)

Exam Code 23520301

Scheme 2020

Sem 3

Exam Month/Year 3/2022

#	Candidate Code	Name of the Student	01	02	03	04	05	Signature
1	23520128001	ABHILASH T MOHAN	14(01A)	19(02J)	15(03A)	16(04A)	17	<i>Abhilash</i>
2	23520128002	AJAY.R	16(01A)	19(02J)	16(03A)	15(04A)	13	<i>Ajay.R</i>
3	23520128003	ANJANA.M	17(01A)	19(02J)	19(03A)	19(04A)	17	<i>Anjana.M</i>
4	23520128004	GAUTHAM MANMADHAN	11(01A)	18(02J)	14(03A)	14(04A)	12	<i>Gautham</i>
5	23520128005	GOPIKA S SHAJI	19(01A)	20(02J)	20(03A)	20(04A)	20	<i>Gojika</i>
6	23520128006	SAVANTH S	16(01A)	20(02J)	16(03A)	19(04A)	18	<i>Savanth</i>
7	23520128007	ARJUN A	14(01A)	16(02H)	15(03A)	15(04A)	14	<i>Arjun A</i>
8	23520128008	ARSHA A KUMAR	17(01A)	18(02H)	18(03A)	19(04A)	18	<i>Arsha</i>
9	23520128009	NEETHU . S	17(01A)	18.5(02H)	19(03A)	16(04A)	20	
10	23520128010	RISHIKESH P S	15(01A)	17(02H)	16(03A)	15(04A)	14	<i>Rishi</i>
11	23520128011	SWETHA SURESH	17(01A)	16.5(02H)	15(03A)	14(04A)	18	<i>Swetha</i>
12	23520128012	T S ADITHYARAJ	15(01A)	15(02H)	14(03A)	15(04A)	13	<i>Adithyraj</i>

Subjects

Code Subject

01A English for Career (2019 Admn Onwards)(EN 1311.1)

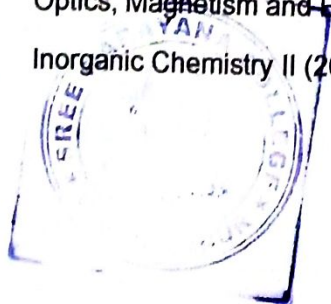
02H Drisyakala Sahityam (2018 Admn Onwards)(ML 1311.1)

02J Hindi Natak, Vyakaran tatha Anuvad (2020 admn onwards)(HN 1311.1)

03A Linear Algebra, Probablity Theory& Numerical Methods (2018 Admn Onwards)(MM 1331.2)

04A Optics, Magnetism and Electricity (2018 Admn Onwards)(PY 1331.2)

05 Inorganic Chemistry II (2020 admn onwards)(CH 1341)



[Signature]
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53
80
264

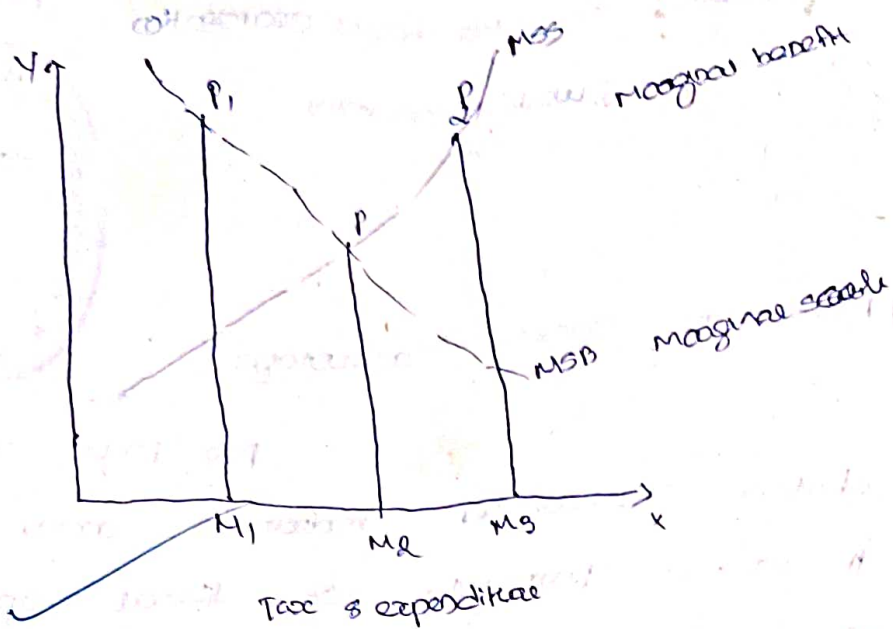
32) Maximum social advantage :-

pro-pigou and pro-
dutton introduced maximum social advantage
It is a principle of fiscal operation
of the state. In Dutton, the cost of
the public finance lies the fundamental
principle is the impact of the activities
of the government is taxation and ex-
penditure. pro-pigou called maximum

social aggregate expenditure. The tra-
ditional concept of maximum public finance
is the ~~more~~ classical theory of laissez
faire policy. The classical theory disapp-
eared the laissez-faire principle.

Nature

The public finance needs the transfer
of resources from one section to another.
taxation transfers resources from taxed
individual to community. The progressive
taxation transfers resources from rich
to the poor. The state use these
resources of welfare facilities.



Product of money wage and expenditure with MSB of self as costs. Resources and Scarce of Y axis. The MSB curve is downward sloping. expenditure decreases when expenditure increases. The curve of MSB is downward sloping. The MSB curve and borrowing is upward sloping. Its additional units increase. The MSB is greater than MSB. The MSB is greater than MSB. The maximizing point is P.

1) public finance:

Public finance is a science as well as art. It is also called public economics. It analyzes the public policies, allocate resources and distribution of income and expenditure to an economy.

2) Public goods :-

Individual consuming goods doesn't deduct the economics of abca.

3) public debt :-

The borrowing are raised by public so the debt is managed by the government.

4) public expenditure :-

Public expenditure is a govt expenditure incurred by public authorities.

10) fiscal policy :-

Fiscal policy is a government policy. It includes taxation and expenditure. It aims to balance inflation and deflation.

24) public finance & private finance :-

Private finance is debt, expenditure and financial problems of an individual or a firm.

Private public finance means income, expenditure, borrowing of public.

• objective :-

public finance satisfy the social or collective needs. private finance satisfy business needs.

• Rationality :-

public finance minimize expenditure of public. private finance minimize the expenditure of individual.

✓ budget :-

private finance is usual way public finance is technological process.

1a) • public revenue :-

public revenue is the revenue of government

• public expenditure :-

public expenditure incurred by the public authority

11) public finance :-

public finance means borrowing, expenditure, income of the public.

private finance :-

private finance is debt, expenditure, financial problems of individual or firm.

1) balanced budget are introduced by government. Its receipts and expenditure are managed by government. It is called balanced budget.

2) The non tax revenue are met by government. In some cases government have non tax revenue is the period of deflation.

SL No.

16

STUDENT'S NAME	PARENT'S NAME	SIGNATURE
1 Lal kaishna.	SIVIVASHU	Sivivashu
2 Arjuna. S	DURENDRAN PILLAI	Duren
3 Dhaavind. A	Greetha Anil	Greetha
4 Aanandhan. V.R	Reshmi - R	Reshmi
5 Anjali	Reshmi Prasad.	Reshmi
6 Uthasha.	Usha S	Usha
7 Fathima	Laila	Laila
8 Aneesh.	Gayashri. k.v	Gayashri
9 Thirumamani Rakhi T	Thirumamani	Thirumamani
10 Samidev. S	Sheeja	Sheeja

Minutes of the Meeting

Agenda

- 1) Attendance of the class
- 2) General Awareness about university exams
- 3) Other general issues.

PTA meeting of First semester B.A. Economics Students (2022 Admission) was held on 12/01/2023 at 10:00am at the college Auditorium. Mr. Sreedhar Nopalakrishnan (HOD) presided over the meeting. Principal Dr. Shivan K. addressed the gathering. A gen Attendance statement for the class were reported by the Group Tutor Mr. Dapti Acharya. Dr. Arjun Kumar, Radhica Gopinathan, Prabaladhan K.K. Ralanni, & Jyothish's lecturers in the department of Economics also reported their feedback about the batch.

2

II BA Economics

18 PTA Meeting 12/01/2023

@ 11:00am

S.No.	Student's Name	Parent's Name	Signature
1.	Akshasa.M	Prjithi.K	
2.	Deepti Acharya	Jocamma Mathew	
3.	Bireddy Suresh		
3	Meera.S.Pillai	Bireddy Suresh	
4	Ganga Gowri.	Rajani	
5	Adarsh Prakash.T	Sudha.D	
6	Meenu Mol. con	Muralidharan	
7	Aswathy Mol.R	Raji	
8	Abhijith Aday	Sujatha Adayan	
9	Ganga.Y	Yamuna.S	
10	Jobin M.D	Manikya m	
11	Athulya.	Latha Swamee	
12	Devi Krishna	Asrathy (SIS)	
13	Madhusima.S	Madhu R	
14	Anjun. B	Jayasree	

Minutes of the meeting -

Agenda -

- 1) Attendance of the class
- 2) General awareness about various activities & programmes organised in the college and ensuring students' participation in them
- 3) Other General issues.

PTA Meeting of second Semester BA Economics students (2022 Admission) was held on 12/01/2023 at 11:00am at the college Auditorium. Smt. Sreedevi Gopalakrishnan (HOD) presided over the meeting. Attendance statement of the class was reported by Group Tutor Deepti Acharya, Section Do - Ajith Kumar, Radhika Gopinathan, Brahadhara KK, Tyethish S. also reported their feedback about the batch.

SREE NARAYANA COLLEGE, CHENGANNUR

Department of Chemistry

Report on Remedial Class - 2021-2022

Remedial coaching classes were carried out for slow learners to identify their weakness and strengthen the areas where they are in lack. Systematic coaching classes for the needy students will help them to perform better in their examinations. Our remedial class includes organized teaching hours, repeated exams and mentoring sessions. These are really fruitful and helped to enhance their performances.

The slow learners were identified by entry level test and decided to give remedial classes from 3pm-4pm on three days in a week.

List of Slow learners 2021-22

2019-2022 B. Sc Chemistry

No	Name of student
1	HARIPRIYA S
2	JIKKU BIJU
3	RESHMA R
4	SARANYA M
5	ASWANA A S

2020-23 B. Sc Chemistry

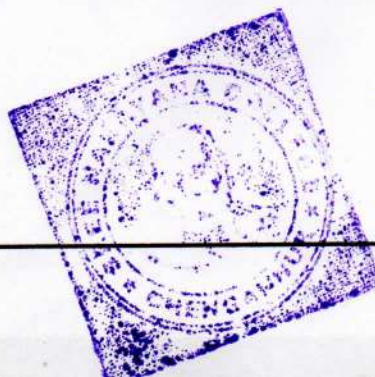
No	Name of student
1	AJAY.R
2	ANJANA.M
3	GAUTHAM MANMADHAN
4	T S ADITHYARAJ

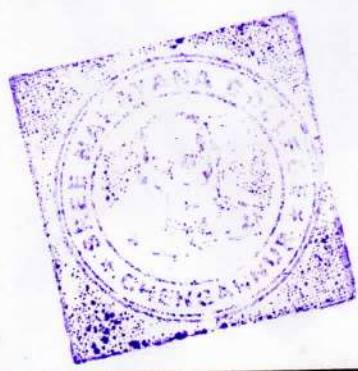
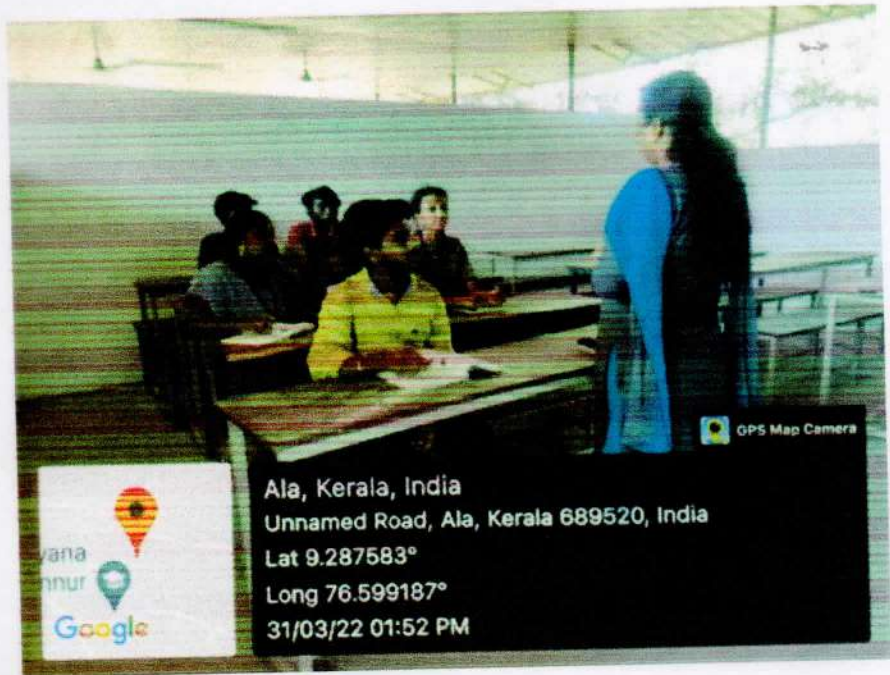
2021-2024 B. Sc Chemistry

No	Name of student
1	SANU J SUNNY
2	SABARI SHAJI



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Remedial Classes
ATTENDANCE REGISTER FOR THE MONTH OF 2021-22

Sl. No.	NAME	Program	1	2	3	4	5	6	7	8	9	10	11	12
	S. & S. B.S. Chemistry													
1.	HARISHA J		X	X	X	X	X	X	X	X	X	X	X	X
2.	JERON Biju		X	X	X	X	X	X	X	X	X	X	X	X
3.	RESHA R		X	X	X	X	X	X	X	X	X	X	X	X
4.	JAYAN M		X	X	X	X	X	X	X	X	X	X	X	X
5.	ASHWIN A		X	X	X	X	X	X	X	X	X	X	X	X
	S. & S. B.S. Chemistry													
	Principals		X	X	X	X	X	X	X	X	X	X	X	X
	A. Anand M		X	X	X	X	X	X	X	X	X	X	X	X
	Dr. G. Mani		X	X	X	X	X	X	X	X	X	X	X	X
	A. G. S. S. S. S.		X	X	X	X	X	X	X	X	X	X	X	X

Remedial Classes
ATTENDANCE REGISTER FOR THE MONTH OF 2021-22

Sl. No.	NAME	Program	1	2	3	4	5	6	7	8	9	10	11	12
	S. & S. B.S. Chemistry													
1.	ANISH J SURESH		X	X	X	X	X	X	X	X	X	X	X	X
2.	JOHNS HAZEL		X	X	X	X	X	X	X	X	X	X	X	X




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SREE NARAYANA COLLEGE, CHENGANNUR
Department of Physics
REPORT
on
REMEDIAL COACHING 2021-2022

The remedial coaching programme enhances slow and average learners in different subjects and provides them more focused teaching support to enhance their qualitative and quantitative subject knowledge. Since our college has a majority of students whose socio-economic status is weak, the remedial coaching offers them a good sustenance and attention. Faculties also get a chance of effective mentoring of such groups. The main facets of remedial coaching carried out in our college are well organized classes, exact screening, perfect training and repeated exams. These strategies facilitate us to upraise our pass percentage to a great extent. The following is a brief report on student participation, faculty engaged with the programme, hours of remedial coaching conducted and feedback provided by students in our department in the academic year 2021-22.

The Remedial coaching committee of Physics Department during the academic year 2021-22 was constituted with the following faculties. Dr K Sreelatha, Ms. Shehina Shaji, Ms. Renju Ravi, Ms. Arya Raveendran, Ms. Reshma Remesh and Ms. Surya M.

In this academic year the department had intended to organize remedial classes from the start of November 2021. Average and slow students are identified by the tutors on the basis of Bridge Course provided for the first year students(2021 admission) and from the entry level exam result. Remedial classes were also conducted for the fifth and sixth semesters (2019 admission) and for third and fourth semesters (2020 admission). We conducted about eight to ten classes for each semester and test papers were conducted to monitor the improvement of students. Even though the hours that we can keep aside for remedial work were limited, our department had done it efficiently by taking classes after college working hours from 3.00 to 4.00 pm.

Sreelatha K

Dr.K.Sreelatha
Head, Department of Physics



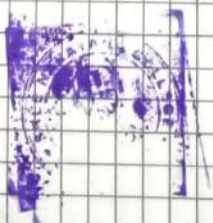
ATTENDANCE

5th Semester - November 2021

Name of Course..... Teacher(S).....

Sl No.	Name of Student	Date		No. of Days Present
		5/11/2021	8/11/2021	
1.	Aswin SP	x	x	9
2.	Anu Madhu	x	x	9
3.	Rahul R	x	x	9
4.	Rashina A	x	x	9
5.	Sneha M	x	x	9
6.	Sreeraj R	x	x	9
7.	Unnimaya J	x	x	10
8.	Asha Raj	x	x	9
9.	Aswin Sivanandan	x	x	9
10.	Sreeraj S	x	x	10

Paper Name :- Quantum Mechanics
 Research Methodology
 Electronics
 Atomic and Molecular Physics
 Quantum Mechanics
 Research Methodology
 Electronics
 Atomic and Molecular Physics
 T.P.
 T.P.



Signature of Teacher
 Signature of HOD

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REGISTER

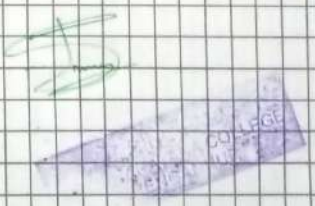
class time : 3:00pm to 4:00pm.

6th Semester - February 2022

Month(S)..... No. of Instructional Hours.....

Sl No.	Name of Student	Month(S)												No. of Days Present
		4/2/22	8/2/22	14/2/22	18/2/22	4/3/22	7/3/22	11/3/22	18/3/22	21/3/22	25/3/22			
1.	Aswin SP	x	x	x	x	x	x	x	x	x	x	x	x	9
2.	Anu Madhu	x	x	x	x	x	x	x	x	x	x	x	x	9
3.	Rahul R	x	x	x	x	x	x	x	x	x	x	x	x	9
4.	Rashina A	x	x	x	x	x	x	x	x	x	x	x	x	10
5.	Sneha M	x	x	x	x	x	x	x	x	x	x	x	x	9
6.	Sreeraj R	x	x	x	x	x	x	x	x	x	x	x	x	9
7.	Unnimaya J	x	x	x	x	x	x	x	x	x	x	x	x	10
8.	Asha Raj	x	x	x	x	x	x	x	x	x	x	x	x	9
9.	Aswin Sivanandan	x	x	x	x	x	x	x	x	x	x	x	x	10
10.	Sreeraj S	x	x	x	x	x	x	x	x	x	x	x	x	8
		x	x	x	x	x	x	x	x	x	x	x	x	10

Solid State Physics
 Nuclear and Particle Physics
 Classical and Modern Optical
 Digital Electronics and C.S
 Solid State Physics
 Nuclear and Particle Physics
 Classical and Modern Optical
 Digital Electronics and C.S
 T.P.
 T.P.



(Handwritten signatures)

ATTENDANCE

3rd Semester

Name of Course..... Teacher(S).....

Sl. No.	Name of Student	Date	Date								
			Hour	22/11/21	29/11/21	29/11/21	30/11/21	9/12/21	15/12/21	22/12/21	13/1/2022
1.	Anju B		x	a	a	x	x	x	x	x	x
2.	Dayal Udayan		a	x	x	x	x	x	x	x	x
3.	Sanjeev Sathyan		x	x	x	x	x	x	x	x	x
4.	Phigmas Kusiarose		x	x	x	x	x	a	x	x	x
5.	Tini Chandran		x	x	x	x	x	x	x	x	x
6.	Amrutha S		x	x	x	x	x	x	x	x	x
7.	Anju Uthaman		x	x	x	a	x	x	x	x	x
8.	Swathy Santhosh		x	x	a	x	x	x	x	x	x

Electrodynamics

" "

" "

" "

" "



Signature of Teacher

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Signature of HOD

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REGISTER

4th Semester

Month(S)..... No. of Instructional Hours.....

Month(S)	Date							No. of Days Present
	17/1/22	20/1/22	24/1/22	29/1/22	31/1/22	8/2/22	8/2/22	
	x	x	a	x	x	x	x	
	x	x	a	x	x	x	x	
	x	x	a	x	x	x	x	
	a	x	x	x	a	x	x	
	x	x	x	a	x	x	x	
	x	a	x	x	x	x	x	
	x	x	x	a	x	x	x	
	x	x	a	x	x	x	x	

Classical and Relativistic Mechanics

" "

" "

" "

" "



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ATTENDANCE

1st Semester - January

Name of Course..... Teacher(S).....

Sl. No.	Name of Student	Date		Date																
		Hour	Hour	3/1/22	10/1/22	24/1/22	31/1/22	7/2/22	16/2/22	24/2/22	3/3/22	8/3/22								
1.	Gopika Unni	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x				
2.	Sona S	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x				

Basic mechanics and
 properties of matter
 "
 "
 "
 T.P



Signature of Teacher
Signature of HOD

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REGISTER

Time :- 3:00 to 4:00

2nd Semester -

Month(S).....No. of Instructional Hours.....

Month(S)	Date														No of Days Present
	6/6/22	10/6/22	20/6/22	11/7/22	18/7/22	25/7/22									
	x	x	x	x	x	x									5
	x	x	x	x	x	x									6

Heat and Thermodynamics
 "
 "
 "
 "
 "
 T.P



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VIth Semester BA Economics 2019 - 2020

Topic - Mettison Paradox

Candidate code	Name	September	October	November
15017128013	Sreehari . G .	x x x x	x x x x	x x x x
15017128015	Abhijith . G .	x x x x	x x x x	x x x x
15017128016	Abhith . A	x x x x	x x x x	x x x x
15017128018	Amritha . S	x x x x	x x x x	x x x x
15017128026	Megha Mchanan	x x x x	x x x x	x x x x
15017128035	Arya . G	x x x x	x x x x	x x x x
15017128038	Rakhi . S	x x x x	x x x x	x x x x
15017128048	Vishnu . B	x x x x	x x x x	x x x x

IV Semester BA Economics 2019-2020

Topic: History of Modern India
Integration of Indian States ⁶¹

Candidate Code	Name of Students	October				November				December			
15018128002	Achudev	x	x	x	x	x	x	x	x	x	x	x	x
15018128013	Saraswathy	x	x	x	x	x	x	x	x	x	x	x	x
15018128021	Abhijit	x	x	x	x	x	x	x	x	x	x	x	x
15018128024	Akhil. A	x	x	x	x	x	x	x	x	x	x	x	x
15018128028	Anoop. M.S	x	x	x	x	x	x	x	x	x	x	x	x
15018128038	Chandumoh. C	x	x	x	x	x	x	x	x	x	x	x	x
15018128042	Jubi Bajju	x	x	x	x	x	x	x	x	x	x	x	x
15018128045	Mageesh. M.S	x	x	x	x	x	x	x	x	x	x	x	x
15018128050	Pranav. V	x	x	x	x	x	x	x	x	x	x	x	x
15018128053	Sahsranath. S	x	x	x	x	x	x	x	x	x	x	x	x

Assignment
Seminar
Register

Fifth Semester BA Degree classes started on 8/8/18
Assignments/Seminars allotted to the students

Sub. Macro Economics II.

Topic. Quantity Theory of Money

- 15016128001 Akhil S
 15016128005 Reshmi Rajendran
 15016128010 Ajay A.
 15016128016 Anju Manoj.
 15016128022 Athira S.
 15016128030 Lekshmi Omanakuttan
 15016128038 Nithin S. Kumar ✓

Topic - Functions of Money - I

- 15016128007 Seethu. lekshmi - 18.9.18 - Good.
 15016128003 Chippy Chandran - 18-9-18 (Sick)
 15016128012 Anjal Krishna - 18-9-18 - Good.
 15016128017 Anuja G - 18-9-18 ✓ ✓ Good.
 15016128024 Chandu. Das ✓
 15016128032 Manee sha. T - 18-9-18 - ✓ good
 15016128041 Ram Raj (absent) ✓

Topic - Cambridge Version of Quantity Theory of Money

- 15016128002 Bajjo Alexander ✓
 15016128008 Shibi. Mol

16128018 Arathi. V. R
 16128023 Athira. T. R
 16128028 Jithin. Athy
 16128036 Neethu. Mol. K. S
 16128043 Sarengi -

Topic - Liquidity Preference Theory

16128009 Sneha. Mary Jose
 16128019 Archana. S
 16128031 Malavika. S
 16128034 Nandhu. Ramanan
 16128039 Pradeep. M
 16128046 Swathy. Raj
 16128049 Vishnu. Somaraj ✓

Freedmans Restatement of Quantity Theory

16128011 Akash. U ✓
 16128020 Athira. A
 16128025 ~~Faseela. S~~
 16128035 Neethu. K. Shaji
 16128040 Prathiksha. Shaji
 16128045 Surya. S
 16128048 Vijitha. Vijayan

Sixth Semester BA Degree classes started on 9/12/18

Subject: Public Economics.

Topic - Meaning & scope of Public Economics.

16128045 Susya S
16128047 Veena S
16128050 Vishnu Vishwanathan
16128039 Pradeep M.
16128038 Within S Kumar.
16128041 Ram Raj R
16128051 Vyshnavi O.

Topic : sources of Public Revenue

16128029 Kanya Komalan
16128030 Lekshmi Omanakuttan
16128033 Manuja Madhu
16128035 Neelhu K Shaji
16128027 Geopika P Nair
16128034 Nandu Ramanan
16128028 Jithin Natti
16128023 Athira TR

Topic - Taxation Principles

16128028 Vyitha Vijayan
16128024 Chandu Das
15016128022 Maneesha T
16128026 Sarath Kumar.
16128043 Sarangi S.
16128029 Sneha Mary Jose
16128018 Arathy VR
16128002 Baijo Alexander.

Topic - Public debt : Meaning & Objectives

16128012	Amal Kaishnan
16128028	Pithin Nattu
16128049	Vishnu Somasajan
16128048	Vijitha Vijayan
16128036	Neethu K.S.
16128011	Akash U
1612805	Reshmi Rajendran

Topic - Revenue Sources of ^{Union} Federal Government

16128032	Maneesha T
16128017	Anya G
16128038	Nithin S Kumar.
16128008	Shibinol V
16128009	Achana S.
16128012	Amal Kaishnan

Topic - Revenue Sources - State & Local Govts.

168128041	Ram Raj R.
168128039	Pradeep PM
168128034	Nandu Ramanen
168128050	Vishnu Vishwanathan
168128043	Sarangi S.
168128049	Vishnu Somasajan
168128007	Sethu Lekshmi
168128011	Akash U.

Date.....

Submitted to :-

Jyothish Sir

Submitting date :-

ASSIGNMENT

ENVIRONMENTAL ECONOMICS AND DISASTER MANAGEMENT

Topic :- Global climate change and its
consequences.

Submitted by,

Ganga Lekshmi. G

B.A. Economics

Third Year

Sixth Semester

Roll-no : 38

GLOBAL CLIMATE CHANGE AND ITS CONSEQUENCES

CLIMATE CHANGE

Climate change refers to long-term shifts in temperatures and weather patterns. These shifts may be natural, such as through variations in the solar cycle. Earth's climate has constantly been changing even long before humans came into the picture. However, scientists have observed unusual changes recently. For example, Earth's average temperature has been increasing much more quickly than they would expect over the past 150 years. Some parts of earth are warming faster than others. But on average, global air temperatures near earth's surface have gone up about 2 degrees 2°F in the past 100 years. In fact, the past five years have been the warmest five years in centuries.

Global climate change refers to the average long-term changes over the entire earth. These include warming temperatures and changes in precipitation, as well as the effects of Earth's warming such as; rising sea levels, shrinking mountain glaciers, ice melting at a faster rate than usual in Greenland, Antarctica and Arctic, and changes in flower and plant blooming.

As earth's climate continues to warm, the intensity and amount of rainfall during storms such as hurricanes is expected to increase. Droughts and heat waves are also expected to become more intense as the climate warms. When the whole earth's temperatures changes by one or two degrees, that changes can have big impacts on the health of Earth's

plants and animals too.

GLOBAL WARMING.

One of the major global problems is the threat of a long-run increase in the surface temperature of the earth. Global warming must be considered on an entirely different scale from that of most other environmental issues. The effects of global warming, or "greenhouse effect" as it is popularly known, are long-term and largely irreversible. Carbon dioxide, methane, CFCs and nitrous oxides act like a greenhouse, warming the earth's surface. Hence global warming is also known as greenhouse effect. In a greenhouse the enclosing glass panels (which were replaced in the modern times by Plastic) allows the passage of incoming sunlight, but traps a portion of the reflected infrared radiation, which warms the interior of the house (greenhouse). The greenhouse gases like carbon dioxide, methane, CFCs and nitrous oxides play a similar role in keeping the earth warm and making it habitable. In the absence of such ~~houses~~ greenhouse gases, the earth's surface would be 30°C cooler than it is today, making human life impossible. The principle of greenhouse effect explains the cold climate of the Mars (where water vapour, a highly efficient greenhouse gas, is virtually absent), the hot climate of Venus (where the atmosphere is thick with carbon dioxide).

In a series of UN reports, thousands of scientists and government reviewers agreed that limiting global temperature rise to no more than 1.5°C would help us avoid the worst climate impacts and maintain a liable

climate. Yet policies currently in place point to a 2.9°C temperature rise by the end of the century. The emissions that cause climate change come from every part of the world and affect everyone, but some countries produce much more than others. The 100 least emitting countries generate 3% of total emissions. The 10 countries with the largest emissions contribute 68%. Everyone must take climate more of the problem have a greater responsibility to act first.

GREENHOUSE GASES

The most important greenhouse gases are CO_2 , Methane, Nitrous oxides, Chloro Fluoro Carbons (CFCs) and fluorinated gases. Nearly 76% of global greenhouse gas emissions are carbon-dioxide (CO_2). Of the remaining 24% methane accounts for 16% and nitrous oxides for 6% and fluorinated gases accounts for 2% (IPCC, 2014). There are two main sources of greenhouse gas emissions. One is through human or anthropogenic activities and the other is natural processes. The major human sources of greenhouse gas emissions are: fossil fuels use, deforestation, livestock farming, use of synthetic fertilizers and industrial processes. Natural processes include animal and plant respirations.

Carbon dioxide (CO_2) is the most important of the greenhouse gases. The rise in earth's temperature due to increase in Carbon dioxide emissions has been speculated since 1800's and its effect have been analysed for almost a century. As early as 1896, a Swedish chemist, Svante Arrhenius, estimated that a doubling of CO_2 emission in the earth's

atmosphere would warm the earth's surface by 7° - 10° F. However, it was only in 1957, after the publication of a classic paper by Roger Revelle and Hans Suess of Scripps Institute of Oceanography, that the issue was taken for very serious discussion by the scientific community. In an article published in a European meteorology and oceanography journal in 1957, Revelle and Suess demonstrated that the use of fossil fuels has resulted in an increase in the atmospheric concentration of CO_2 . Since 1958 the atmospheric concentration of CO_2 has been continuously recorded at an observatory, 11000ft high on the slope of Mauna Loa in Hawaii, thanks to the foresight of C.D. Keeling of the Scripps Institute. Keeling's observations when plotted illustrated a graph showing rising CO_2 concentrations.

Nearly 42.8 percent of all naturally produced CO_2 emissions come from ocean-atmosphere exchange. Other important natural CO_2 sources include plant and animal respiration (28.56%) as well as soil respiration and decomposition (28.56%). Nearly 87% of CO_2 emissions from human sources come from the burning of fossil fuels like coal, natural gas and oil. Other sources include deforestation (9%) and industrial process such as cement manufacturing (4%).

The amount of CO_2 in the atmosphere is by convention expressed in terms of the carbon component. An estimate reveals that about 6 billion tonnes of carbon from burning fossil fuels is emitted into the atmosphere annually. The worst offender in terms of CO_2 emission is coal which is responsible for one-third of fossil fuels share of world total primary energy supply and for 43% of carbon dioxide emissions from fossil fuel use.

EFFECTS OF GLOBAL WARMING

One important impact of accumulation of greenhouse gases in the atmosphere is the resulting climate change. Climate change is not a new phenomenon. The earth's climate has changed throughout history. But as pointed out by IPCC, Fourth Assessment Report's summary for policy makers, the current warming trend is of particular significance because most of it is very likely human-induced and proceeding at a rate that is unprecedented in the past 1300 years.

It is predicted that global warming will have far-reaching, long-lasting devastating consequences on planet earth. According to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC), during the 21st century the global surface temperature is likely to rise a further $0.3-1.7^{\circ}\text{C}$ ($0.5-3.1^{\circ}\text{F}$) for their lowest emission scenario and $2.6-4.8^{\circ}\text{C}$ ($4.7-8.6^{\circ}\text{F}$) for the highest emissions scenario. The rate of heating is put at 0.3°C per decade, which is expected to be very much faster than in the past when the rate of climate change was just 0.05°C per decade. An increase in temperature has registered in all around the world. Researchers observe two phases of global warming. The first phase from 1919-1940, registered an average temperature gain of 0.25°C , and the second phase from 1970 to the present, exhibiting temperature gains of 0.55°C . Records show that the last 25 years have been the warmest period of the past 5 centuries. The result of this increase in temperature is warming of the oceans, rising of the sea levels, melting of glaciers, and diminished snow cover in the Northern Hemisphere.

Global warming is expected to bring about a

rise in the sea level because of the expansion of sea water, caused by the melting of glaciers and the melting of even polar ice, with a rise in ~~expansion~~ temperature. There is considerable uncertainty about how fast and how much the sea level will rise. A recent estimate puts it at "a one foot rise by 2050", the effects of which are far from negligible. The first effect would be increased flooding of the many of the coastal wetlands. This coastal erosion is expected to create shoreline losses of between 10 and 100 ft depending on local conditions. Shoreline losses will aggravate from damages. Low lying island nations like Maldives and Bahamas may disappear. Studies suggest that up to 18% of Bangladesh would be underwater by 2050. It is further estimated that the sea level rise will make many homeless.

The worst impact is on agriculture, horticulture and ecosystem. Global warming results in substantial decline in the soil moisture due to higher temperature and reduced rainfall; besides it will also cause to increased pest and weed growth due to higher CO_2 concentration in areas that are world's bread baskets. Altered rainfall is the most unpredictable and deleterious effect of greenhouse related climate change on agriculture. Since with higher global temperature more water will be evaporated from the oceans, average rainfall worldwide is tend to increase. But the rainfall pattern will be disrupted, varying widely among regions will warm faster than equatorial zones and in the continents the centers will become drier than peripheries. This varying change in climate will drastically affect agriculture because of the inability of crops to withstand changes in temperatures. It is observed that global warming

Date.....

results in desertification as a result of which severe drought and famines are bound to happen. Areas that are already arid like Tunisia, Algeria, Ethiopia and Somalia will dry out further. In agriculture too much water or water delivered at the wrong time is more difficult to cope up with than too little water. Global warming has strong impact on ecosystem, leading to a decline in biodiversity and provision of ecosystem services. According to research published in Nature, by 2050 rising temperatures could result in the extinction of at least a million species. WWF report of coral reefs observes that coral populations are likely to collapse by 2100 due to increased temperatures and ocean acidification. In addition species in the oceans which rely on coral reefs for their survival are also at risk.

Threats to health may also accompany global warming in the form of an increase in disease carrying vectors, such as mosquitoes that carry diseases like malaria, dengue fever, encephalitis and yellow fever, particularly in the temperate regions. Already in the United States, a tropical mosquito specie associated with dengue fever has been found.

CONTRIBUTION TO GLOBAL WARMING

According to the World Resource Institute CAIT Climate Data Explorer, the top 10 emitters contribute 72.78% of global greenhouse gas emissions (excluding land

TOP 10 COUNTRIES WITH HIGHEST GREENHOUSE GAS EMISSIONS (2012)

COUNTRY	CONTRIBUTION TO GLOBAL GREENHOUSE GAS EMISSION (IN %)
China	25.36
United States	14.4

use change and forestry). On the other hand, the lowest 100 emitters contribute less than 3%.

Six of the top 10 emitters are developing countries. The share of the energy sector is more than 75% of global greenhouse gas emissions.

Industrial emission in China

contribute to more than 3% of global emissions and new data from the UN Food and Agriculture Organisation indicate that agriculture contributes a notable share of Brazil's and Australia's emissions.

Per capita emissions are distributed unequally. Emissions per person vary among the top 10 emitters - the per capita emissions of the U.S. is eight times those of India. Canada, the United States and Russia emit more than double the global average per person. India's per capita emissions are only one-third of the global average.

European Union	10.16
India	6.96
Russia	5.36
Japan	3.11
Brazil	2.34
Indonesia	1.76
Mexico	1.67
Iran	1.65
Others	27.22

RESPONSES TO GREENHOUSE EFFECT

The consequences of global warming and data on country/region wise contribution to global warming clearly indicate two things:

1. Both developed and developing nations have good reason to worry about global warming.

2. Global cooperation is an important consideration when addressing global warming issues.

In line with this response to the global warming issue can be analysed as:

1. Technical Response
2. Policy Response

Technical response attempts at reducing net emission of greenhouse gases and at increasing the carbon dioxide absorbing capacity of the earth. Reduction in the emission of greenhouse gases calls for:

1. Increased energy efficiency in consumption and production.
2. Switch over to low or no carbon fuels.
3. Using substitutes of CFCs in refrigerants, air conditioners, etc.
4. Reduce methane production from livestock and rice fields.
5. Increase afforestation and decrease deforestation since forests absorb CO_2 .
6. Switch over to non-fossil fuels sources of energy such as solar, nuclear, hydro, etc.
7. Promote complete combustion in vehicles used for transport through proper maintenance and increase fuel efficiency in vehicles.

Economists have suggested two policy tools for reducing CO_2 emission permits equal to their permitted that may be globally effective. They are:

- (a). A transferable discharge permit (TDP)
- (b). Carbon tax

TDP requires that countries would be allocated CO_2 emission permits equal to their permitted base level emissions, that is determined by any of the following four criteria:

- Equi proportionate reduction in emission.
- Ability to pay criteria.
- Polluter pay principle.
- Equal per capita consumption

Initially developing countries should be allocated more permits and therefore developed nations would transfer income to developing countries in buying the extra permits from them. Thus TDP are considered to be efficient and equitable.

The other policy option is carbon tax, a tool expected to provide an individual incentive to reduce fuel consumption and to shift to lower carbon forms of energy. Such a tax would be levied on the carbon content of the fuels consumed. A single tax to all sources in all countries to reduce CO_2 emission globally has been suggested to achieve cost effectiveness among countries and within each country among the different sources. Prof. Nordhaus has calculated that to reduce CO_2 emission by 20% world wide would require a tax of about \$45 per tonne of carbon, while a reduction of 50 per cent of CO_2 will require a tax of \$140 per tonne of carbon. Thus progressively large taxes would be required for deeper CO_2 reduction, which may be burdensome for developing countries. Besides equity consideration, monitoring of emissions and enforcement of such carbon tax are complicated.

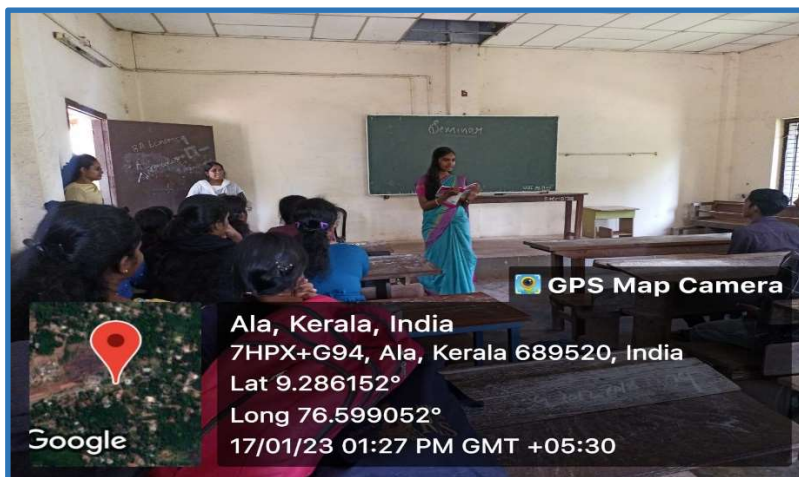
Besides these technological and policy options

Peer Teaching

Peer Teaching is initiated for providing new avenues for the advanced learners. Senior students were made to teach their peers in the junior classes.



Sreelakshmi B of II BA Economics is taking classes for I BA Students

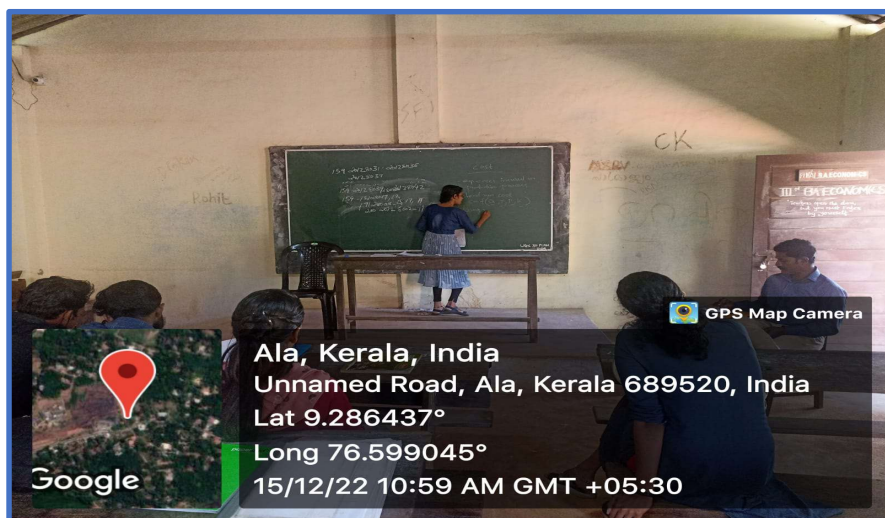
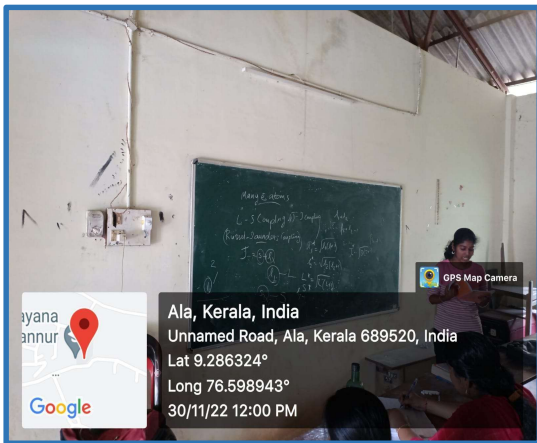


Peer Learning

Students belonging to the same class were engaged in group studies which will help their peers to understand the concepts and to cultivate a feeling of helping each other.



Seminar Presentation of Students



ICT Enabled Presentations



Ajay of MSc Chemistry Presenting Seminar using ICT enabled tools in classroom



Internship & Field Visits



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FUNDAMENTALS OF POLYMER SYNTHESIS & CHARACTERIZATION TECHNIQUES



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- Hands on experience
- CIPET (Govt. of India) Certificate will be provided after completion

Fee : 2500+18%

Contact Number: 8593016993





One day industrial visit was conducted for final year B.Sc. students to KMML KOLLAM on 21 March 2023



Students interacting with research scholars at NIIST Thiruvananthapuram
A Lab visit to CEPCI Laboratory and Research Institute (Cashew Export and Promotion Council

of India), Kollam, on 28/03/2023. The visit was under the co-ordinator ship of Dr. Ambily Chandran, Assistant Professor, Department of Chemistry. The students of Final B. Sc Chemistry, were the beneficiaries. The students acquainted with various instruments such as UV-vis spectrometer, FTIR spectrometer, Cyclic voltammetry and other relevant instruments.



B. Sc Chemistry (2020-23 Batch) at CEPCI Laboratory and Research Institute, Kollam

Group Discussion



DEPARTMENT OF ECONOMICS

LIST OF PROJECTS SUBMITTED BY BA 2020 ADMISSION STUDENTS

SL NO	CANDIDATE NAME	CANDIDATE CODE	SUPERVISOR	PROJECT TITLE
1	AJAYA KUMAR	15020128001	RAJANI N	Impact of house boat tourism- A study on Alappuzha Region, Kerala
2	ANJALI M	15020128002		
3	ANUJITH T	15020128003		
4	AROMAL K S	15020128005		
5	ARUN R	15020128006		
6	GANGA LAL	15020128007	Dr Mahima S	A Study on online food delivery system with special reference to the Allapuzha District
7	LAJIN A	15020128009		
8	NITHUL RAJ	15020128011		
9	RAJU G	15020128012		
10	SWATHY GIREESH	15020128013		
11	VIDHUMOL R	15020128014	Dr Mahima S	

12	ABIN A	15020128016	Dr Mahima S	STUDY ON EFFECTS OF SHOPPING MALL WITH SPECIAL REFERENCE TO LULU MALL TRIVANDRUM
13	ADITHYAN K S	15020128018		
14	AKHILA B	15020128019		
15	AMALKRISHNAN K	15020128020		
16	ANANDA RAJ	15020128023	JYOTHISH S	Economic Impact of Responsible Tourism: A Case Study of Maravanthuruth Grama Panchayat
17	ANOOP T JOY	15020128025		
18	APARNA S	15020128026		
19	ARUN MURALI	15020128027		
20	ARYA B	15020128028		
21	ATHIRA R	15020128030	DEEPTI ACHARYA	Case Study of Khadi Industry Elanthoor Pathanamthitta District
22	ATHULKRISHNAN	15020128031		
23	ATHULYA S	15020128032		
24	AVANI SUSEELAN	15020128033		
25	DEVIKA REGHU	15020128035		
26	DEVISON SAM	15020128036	RAJANI N	The study of the temporary workers in
27	GANGA LEKSHMI G	15020128038		

28	JINCY S	15020128041		Ecotourism destinations of Pathanamthitta
29	LEKSHMI R	15020128044		
30	MALU S	15020128045		
31	MEGHA MURALI	15020128046	PRAHALADHAN K K	Socio-, Economic Impact Of Water Pollution -- A Case Study Of Ambalappuzha North Grama Panchayat
32	MUHSINA SIDHIQ	15020128048		
33	NABIN NAZAR	15020128049		
34	SANDRA S NAIR	15020128058		
35	SURYALEKSHMI S	15020128061		
36	INDRAJITH KRISHNA	15020128008	DEEPTI ACHARYA	Socio -Economic case study of cashew workers Eruva Cwics A141
37	TEEMA YOHANNAN	15020128062		
38	VARSHA B	15020128064		
39	VISHNU S	15020128065		
40	VISHNU JAYAKUMAR	15020128067		
41	ADITHYA SHANKAR	15020128017	JYOTHISH S	The Economic Burden of Diabetes in Kerala - A Case Study with Special Reference to Ala Panchayath.
42	AMESH MOHAN	15020128021		
43	AMJAD NAVAS	15020128022		

44	ANANDU S	15020128024		
45	LAKSHMI R	15020128010	SREEDEVI GOPALAKRISHNAN	Socio Economic Condition Of Fishermen In Kerala With Special Reference to Chellanam Village In Ernakulam District
46	GOPIKA P	15020128039		
47	NANDANA J	15020128051		
48	NAVANEETH S DAS	15020128052		
49	NIDHIN S MADHU	15020128053	PRAHALADHAN K K	Dairy Farming & Contributions of APOCS- A Case Study of Thamarakulam KUCS
50	NIKHIL KUMAR A	15020128054		
51	SAKEER HUSSAIN S	15020128057		
52	VISHNU C	15020128066		

DEPARTMENT OF COMMERCE

SN COLLEGE, CHENGANNUR

Project Reports

Bcom.S6 2022

Candidate Code	Name	Title of the project
Group 1		
159191128001	Akash .J	A Study On The Impact Of Bill Board Advertising On Product Promotion
159191128002	Akash Manohar	
159191128007	Arya Krishnan A	
159191128008	Ashtami Ramesh	
159191128006	Arya S	
Group 2		
159191128003	Akash. T	Impact Of Training And Development In Educational Sector- A Study With Special Reference To Chengannur Taluk
159191128004	Amal P.M	
159191128012	Athira P.R	
159191128011	Athira .A.Nair	
159191128013	Athira .V.Kumar	
Group 3		
159191128015	Madhuri K.B	A Study On Awareness And Acceptance Of Online Payment Platform Among People
159191128016	Megha Mohanan	
159191128017	Revathy V Prasad	
159191128005	Ananathu A	
159191128009	Aswin B	
Group 4		
159191128020	Shalu.S	A Study On Work From Home Satisfaction Of Teachers During Covid 19 Pandemic
159191128019	Sandra Santhosh	
159191128014	Kannan R	
159191128018	Revathi Rajan	
Group 5		
159191128021	Sruthy Surendran	A Study on Impact of Covid 19 Pandemic on Restaurant In Alapuzha
159191128022	Vivid V Das	
159191128023	Vrindha Vijayan	
159191128024	Aiswarya Krishnan	
159191128025	Akash Gopan	
Group 6		
159191128031	Christo Binu	A Study on Impact of Covid 19 on coir industry based on Alapuzha district
159191128026	Anagha V	
159191128027	Anandhu Anand	
159191128028	Anila.S	
159191128029	Anju .B	

Group 7		
159191128030	Aparna Mahendran	A Study On The Influence Of Sensory Marketing –In Buying Decision Of Youth With Special Reference To Fast Food Industry In Mavelikkara Taluk
159191128032	Geethu Vijayan	
159191128033	Lekshmi Krishnan	
159191128036	Najikedas A	
159191128037	Nikhil Aravind	
Group 8		
159191128038	Rahul R	A Study On Municipal Solid Waste Management By Harithakarmasena At Changankulamgara Locality
159191128039	Sandra M	
159191128040	Sneha S Viswam	
159191128034	Monisha.M	


 PRINCIPAL
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 CHENGANNUR



SREE NARAYANA COLLEGE CHENGANNUR
DEPARTMENT OF CHEMISTRY
B.Sc PROJECT LIST 2022-23

<u>Serial no.</u>	<u>Title of the project</u>	<u>Name of students</u>
1.	Estimation of ferrous iron content present in different iron tablets	<ul style="list-style-type: none">● Abhilash T. Mohan● Goutham Manmadhan● Swetha Suresh
2.	Determination of vitamin c concentration in different fruit sample by redox titration	<ul style="list-style-type: none">● Arjun A.● Arsha A. Kumar● T. S. Adithyaraj
3.	Estimation of chlorophyll content of some medicinal plants available in Kerala	<ul style="list-style-type: none">● Savanth S.● Gopika S. Shaji
4.	Extraction of caffeine from various brands of commercially available tea leaves	<ul style="list-style-type: none">● Neethu S.● Ajay R.● Rishikesh P. S.

DEPARTMENT OF MATHEMATICS

Subject Code : MM 1642

CANDIDATE CODE	NAME	Title of the Project	Guide
22019128001	Aswani D chandran	A study of Banach space	Ajay sasidharan
22019128002	Sajan S Lawrence	A study of Banach space	Ajay sasidharan
22019128003	Varun J	A study of Banach space	Ajay sasidharan
22019128004	Akhila Ajayakumar	Astudy on Zariski Geometries	Lekshmi K S
22019128005	Akshara R	Astudy on Zariski Geometries	Lekshmi K S
22019128006	Aparna J	Astudy on Zariski Geometries	Lekshmi K S
22019128007	Arathy S	A study on Fuzzy sets and its application	Sreela S
22019128008	Avani Krishnan	A study on Fuzzy sets and its application	Sreela S
22019128009	Sivakumar B	A study of interpolation	Jesylin James
22019128010	Vidhya Vijayan	A study of interpolation	Jesylin James

Project Work Details of UG Batch (2019-2022)

Department	SL.No	Candidate Name	Candidate Code	Project Title & Details
	1	ANJU B	23020128002	WIRELESS POWER TRANSMISSION
	2	ANSEENA A	23020128003	WIRELESS POWER TRANSMISSION
PHYSICS	3	DAYAL UDAYAN	23020128004	WIRELESS POWER TRANSMISSION
	4	SANJEEV SATHYAN	23020128005	WIRELESS POWER TRANSMISSION
	5	SHIJI JOHNSON	23020128006	WIRELESS POWER TRANSMISSION
	6	THOMAS KURIAKOSE	23020128007	PIEZOELECTRIC GENERATOR
	7	TINI CHANDRAN	23020128008	PIEZOELECTRIC GENERATOR
	8	AMRUTHA S	23020128009	PIEZOELECTRIC GENERATOR
	9	ANJU UTHAMAN	23020128010	PIEZOELECTRIC GENERATOR
	10	SWATHY SANTHOSH	23020128011	PIEZOELECTRIC GENERATOR



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CHENGANNUR

SREE NARAYANA COLLEGE, CHENGANNUR

DEPARTMENT OF ECONOMICS

List of Projects Submitted by MA Behavioural Economics & Data Science
Students 2020 Admission

SI No	Candidate Code	Name of the Candidate	Project Title	Name of Supervisor
1	55120128001	ANUCHITRA C	A Study On The Impact Of Social Media On Consumer Behaviour: A Case Study With Special Reference To Mavelikara Municipality	Jyothish S
2	55120128002	SHYNI M S	Financial Inclusion In Kerala: A Case Study of Cheriyannadu Panchayath	Sreedevi Gopalakrishnan
3	55120128003	SREELEKSHMI S	Solid Waste Management: A Case Study of Budhanoor Panchayath	Dr Mahima S

SREE NARAYANA COLLEGE, CHENGANNUR

DEPARTMENT OF CHEMISTRY

Course code: 635

Course and specialization: M.Sc. (Pure) Chemistry

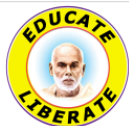
Exam code: 63516403

Sl no.	Name	Candidate code	Title of Project	Institution Name
1.	Aiswarya.S	63518128001	Geochemistry And Pollution Assessment Of Chalakudy River Basin	National Centre for Earth Science Studies, Trivandrum
2.	Ajil. S.T	63518128002	Biosynthesis Of Plant Supported Silver Nanoparticle For Photocatalytic Dye Degradation Under Sunlight	Sree Narayana College, Chengannur
3.	Anjana Raj.T	63518128003	Poly (Riboflavin) Modified Pencil Graphite For The Simultaneous Electrochemical Determination Of Serotonin and Dopamine.	Amrita Vishwa Vidyapeedam, Kollam



4.	Arya Babu	63518128004	An Approach On Evaluation Of Hydrochemical Parameters Of Ashtamudi Lake.	National Centre for Earth Science Studies, Trivandrum
5.	Athulya.A	63518128006	Synthesis And Characterization Of Novel Copper And Zinc Complexes Of Edaravone And Its Carboxylic Acid Derivative	Amrita Vishwa Vidyapeedam, Kollam
6.	Gopika. G. Krishnan	63518128007	Green Synthesis Of Silver Nanoparticles And Its Application In Photocatalytic Dye Degradation Using Chromolaena Odorata And Justicia Adhatoda	Sree Narayana College, Chengannur
7.	Gopika Sathyan K.S	63518128008	D- π -A Fluoroionophores: Synthesis And Metal Binding Studies	Cochin University Of Science and Technology (CUSAT)
8.	Karishma.H	63518128009	Perovskite Nanocrystals For Electrocatalytic Applications	Cochin University Of Science and

				Technology (CUSAT)
9.	Midhila. P	63518128010	Quality Analysis Of Drug:Amoxicillin Capsules	Kerala State Drugs and Pharmaceuticals
10.	Reshma Pushkaran	63518128011	Pharmacology And Assay Of Amlodipine	Kerala State Drugs and Pharmaceuticals
11.	Revathy Krishnan	63518128012	Synthesis And Characterization Of Palladium Nanoparticles Using Leaf Extract Of Justicia Gendarussa And Emilia Sonchifolia :Evaluation Of Antimicrobial Activities	Sree Narayana College, Chengannur
12.	Revathy Venugopal	63518128013	Eco-friendly Green Synthesis Of Gold Nanoparticles And Their Application In The Photocatalytic Degradation Of Toxic Dyes	Sree Narayana College, Chengannur

13.	Sneha Haridas	63518128014	Synthesis Of Plant Mediated Gold Nanoparticles Using Emilia Sonchifolia And Bacopa Monnieri Leaves Extract And Evaluation Of Their Antimicrobial Activities	Sree Narayana College, Chengannur
14.	Vishnupriya.M.B	63518128015	Pharmaceutical Analysis And Quality Control Of Cloxacillin	Kerala State Drugs and Pharmaceuticals



SREE NARAYANA COLLEGE CHENGANNUR
DEPARTMENT OF PHYSICS
M.Sc. Project -Title of the Project-(2021-23 Batch)

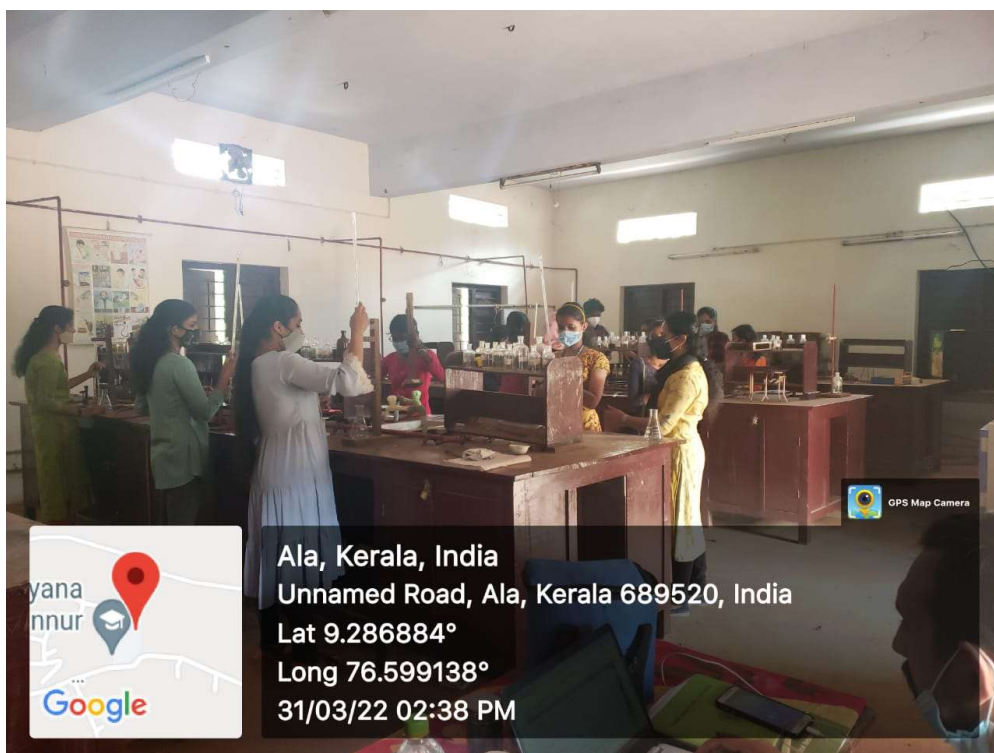
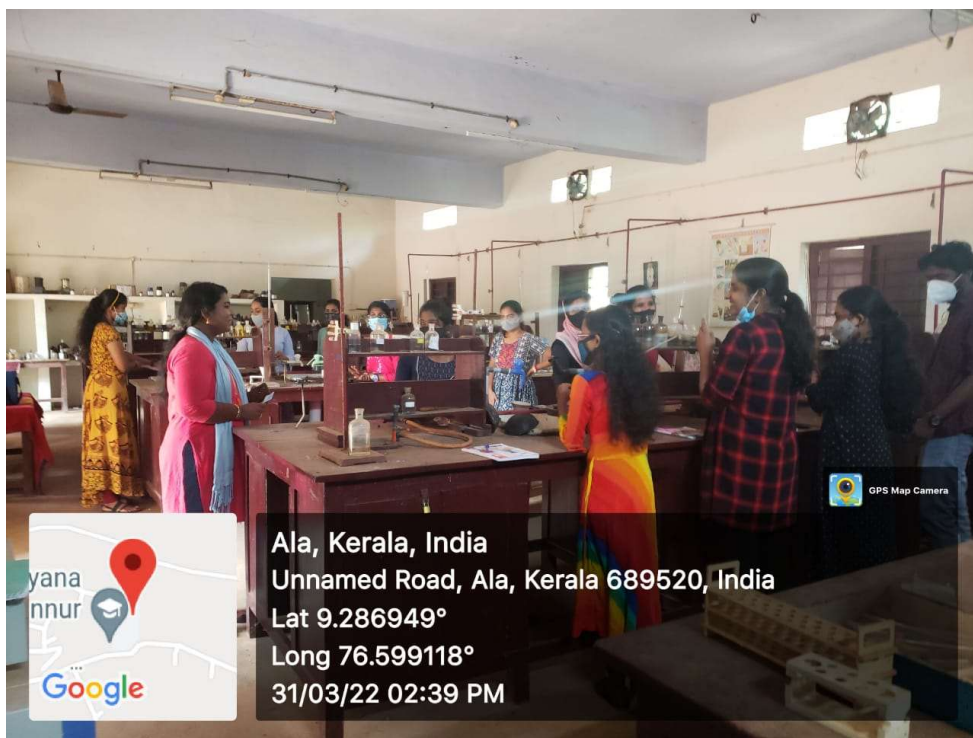
SL.NO.	REGISTER NO	NAME OF THE CANDIDATE	TITLE OF THE PROJECT	INTITUTION WHERE THE PROJECT WAS DONE	NAME OF THE GUIDE
1	63021128001	ANJALI S	STRUCTURAL, OPTICAL AND VISCOUS STUDIES OF BARIUM OXIDE NANOFUID	ST. GREGORIUS, KOTTARAKARA	DR. INDULAL CR
2	63021128002	ARDRA SAJEEV	INVESTIGATION OF THE STRUCTURAL PROPERTIES OF REDUCED GRAPHENE OXIDE (RGO) VIA GREEN HYDROTHERMAL METHOD AT DIFFERENT TEMPERATURE	CHRISTIAN COLLEGE, CHENGANNUR	DR. VINOY THOMAS
3	63021128003	ASWATHI ASHOK	STRUCTURAL AND OPTICAL PROPERTIES OF CNT INTERCALATED In ₂ S ₃ THINFILM	MARIAN COLLEGE, KUTTIKANAM	DR. JINCEMON CYRIAC
5	63021128005	GOPIKA P S	SYNTHESIS AND CHARACTERISATION OF TITANIUM OXIDE NANOPARTICLES	SN COLLEGE CHENGANNUR	DR. K SREELATHA
6	63021128006	GREESHMA BABU	EXPERIMENTAL INVESTIGATION ON THERMAL CONDUCTIVITY OF STRONTIUM OXIDE NANO FLUID	ST. GREGORIUS, KOTTARAKARA	DR. INDULAL CR
7	63021128007	KAVITHA K M	PHOTOCATALYSIS STUDY OF GRAPHENE : In ₂ s ₃ NANOCOMPOSITE THINFILM	MARIAN COLLEGE, KUTTIKANAM	DR. JINCEMON CYRIAC
8	63021128008	LAKSHMI S	STRUCTURAL AND OPTICAL PROPERTIES OF COPPER DOPED TITANIUM OXIDE NANOPARTICLES	SN COLLEGE CHENGANNUR	DR. K SREELATHA
9	63021128009	LEKSHMI B	HYDROTHERMAL ROUTE TO GRAPHENE QUANTUM DOTS (GQDs) : EFFECTS OF TEMPERATURE	CHRISTIAN COLLEGE, CHENGANNUR	DR. VINOY THOMAS
10	63021128010	PARVATHY S KUMAR	SYNTHESIS AND CHARACTERISATION OF LITHIUM FERRITE	ST. ALOYSIUS COLLEGE, EDATHUA	DR. LAKSHMI VIJAYAN
11	63021128011	SANDEEP KUMAR S	STRUCTURAL AND OPTICAL ANALYSIS OF A NOVEL HETEROGENEOUS NANOCOMPOSITE	ST. GREGORIUS, KOTTARAKARA	DR. INDULAL CR
					
		Dr. K Sreelatha		Dr.Shereen K	
		Head of the Department		Principal-in-Charge	



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CHENGANNUR

Students Engaged in Laboratory Experiments

Department of Chemistry



Department of Physics



Extension Activities

Sanitizer Making

An effective and simple method for reducing transmission of infections in public or healthcare settings is hand hygiene. During the outbreak, the Department of Chemistry, Sree Narayana College, Chengannur used their skills, expertise and facilities to prepare low cost hand sanitizer in the lab. The sanitizer was prepared on the basis of WHO norms using isopropyl alcohol, glycerol, aloe vera, hydrogen peroxide, and lemon grass oil. The prepared sanitizer were kept in 100ml bottles and distributed to the vulnerable sections of the society. The sanitizers were distributed to the treasury office, police station, fire station and Federal Bank. During the distribution, the teachers also spread the message of Break the Chain. Hand hygiene is of utmost importance during examination and the department also take steps to distribute prepared sanitizers to the entire students of the college. The sanitizers were given to all the students in the examination hall without disturbing the exam and the bottles were also kept at the entrance of the college. The department has also given training to the final semester students for the preparation of low cost sanitizers.



Assembling of LED Sources for Waste Management and Energy Consumption Reduction

Entrepreneurship Programme on “Assembling of LED sources for waste management and energy consumption reduction” Jointly Conducted by Post graduate department of Physics, Science forum and IQAC for third year students in the month of January.



Life Skill Development Programme

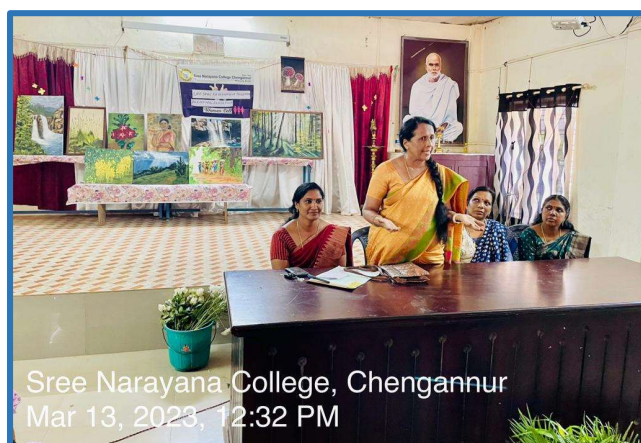
As a part of skill development programme, the department of chemistry has organized a one- day programme, on 13/03/2023. The programme was a joint venture with the Women’s study unit and IQAC of the college. The former Head, Department of Chemistry, Dr. (Prof.) Sheela S. Fernandez was the resource person of the programme.



Programme Brochure of skill development programme



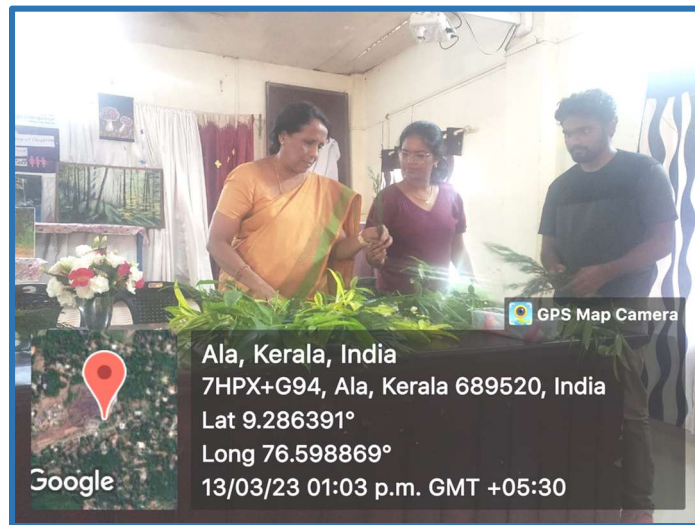
Inauguration of the session by Dr. Shereen K



Dr. Sheela S Fernandez delivering lecture on life skill development



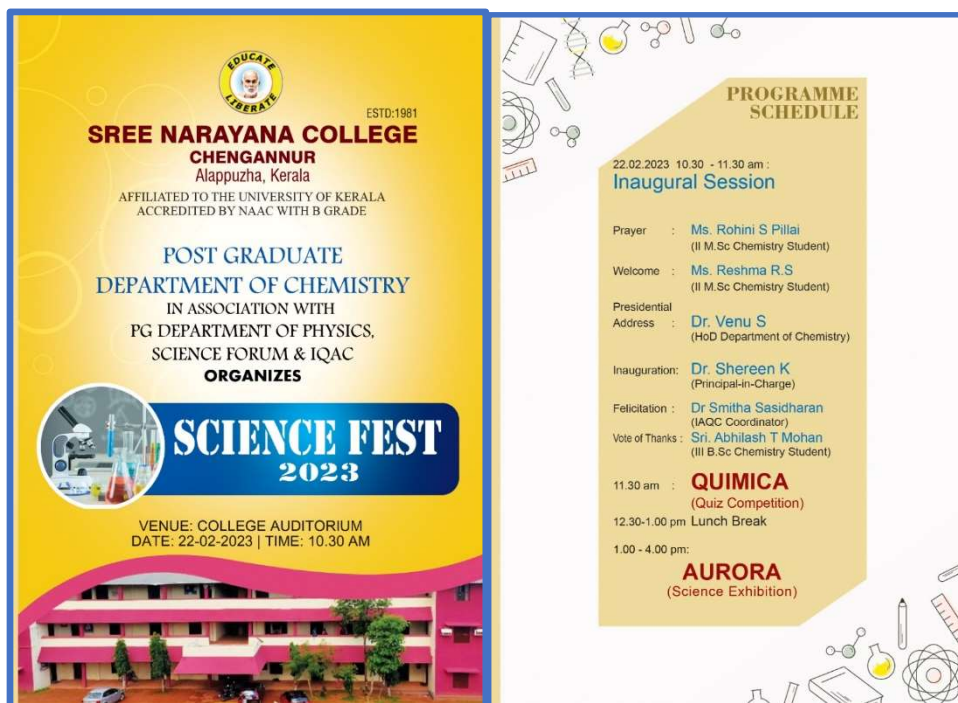
Vegetable carving demonstration



Flower arrangement class

SCIENCE FEST- 2023

As a part of observing science day, on 22/02/2023, the department has organized a Science Fest for the benefit of its students as well as the students of the near by schools and institutions, especially higher secondary students of the nearby schools.



The image shows a promotional poster for the Science Fest 2023 and a programme schedule. The poster is yellow and blue, featuring the Sree Narayana College logo and text: "SREE NARAYANA COLLEGE CHENGANNUR Alappuzha, Kerala", "POST GRADUATE DEPARTMENT OF CHEMISTRY", "SCIENCE FEST 2023", and "VENUE: COLLEGE AUDITORIUM DATE: 22-02-2023 | TIME: 10.30 AM". The programme schedule is on a white background with a yellow header "PROGRAMME SCHEDULE" and lists activities from 10:30 am to 4:00 pm, including an Inaugural Session, QUIMICA (Quiz Competition), and AURORA (Science Exhibition).

PROGRAMME SCHEDULE

22.02.2023 10.30 - 11.30 am :
Inaugural Session

Prayer : Ms. Rohini S Pillai
(II M.Sc Chemistry Student)

Welcome : Ms. Reshma R.S
(II M.Sc Chemistry Student)

Presidential Address : Dr. Venu S
(HOD Department of Chemistry)

Inauguration: Dr. Shereen K
(Principal-In-Charge)

Felicitation : Dr. Smitha Sasidharan
(IACQ Coordinator)

Vote of Thanks : Sri. Abhilash T Mohan
(III B.Sc Chemistry Student)

11.30 am : **QUIMICA**
(Quiz Competition)

12.30-1.00 pm Lunch Break

1.00 - 4.00 pm:
AURORA
(Science Exhibition)

In the quiz programme, students from different higher secondary schools participated. The quiz programme was organized by the first year M. Sc students (2022 admissions). In the after noon session more than 300 hundred students from nearby schools attended the exhibition



Quiz programme organized by the I M.Sc chemistry 2022 admissions as a part of science day observation



Exhibition at Chemistry Laboratory

Soap Making

The department of chemistry has organized a skill development programme and extension activity on Soap Making, on 16/03/2023. The programme was co-ordinated by Dr. Jisha Sreedharan, Assistant Professor, Department of Chemistry.

A separate session, explaining the theory of soaps and detergents, was followed by the training session of soaps and detergents making. The students of the college, nearby institutions and the public (with limited participation) was limited was benefitted from this training.



Sree Narayana College Chengannur
Alappuzha, Kerala

Aided college affiliated to the University of Kerala
(NAAC Accredited with 'B' Grade)

"Skill Enhancement Programme"
&
"Extension Activity"

Organized by
Department of Chemistry & IQAC
Sree Narayana College, Chengannur

Date & Time : 16/03/2023 @ 2.00 pm
Venue : BSc Chemistry Lab

Coordinator : Dr. Jisha Sreedharan
Assistant Professor
Department of Chemistry
S. N. College Chengannur

"Art & Chemistry Behind Soap Making"



Inauguration of the session by Dr. Shereen K



Dr. Jisha Sreedharan demonstrates soap making process

Extension activity on “Food Adulteration”

On 24/03/2023, the department of Chemistry has organized an invited talk on food adulteration. The Food Safety officer of Chengannur circle, Smt. Saranya R, was the chief guest of the programme. she delivered a talk on ‘Food Adulteration and Food Storage’. The talk was followed by (AN session) food testing and water testing experiments. A considerable number of water samples from the neighboring places were tested. There was an extensive participation from the public and students of near by schools.

EDUCATE LIBERATE

SREE NARAYANA COLLEGE CHENGANNUR
Alappuzha, Kerala
Aided college affiliated to the University of Kerala
(NAAC Accredited with 'B' Grade)

EXTENSION ACTIVITY 2022-2023
FOOD ADULTERATION

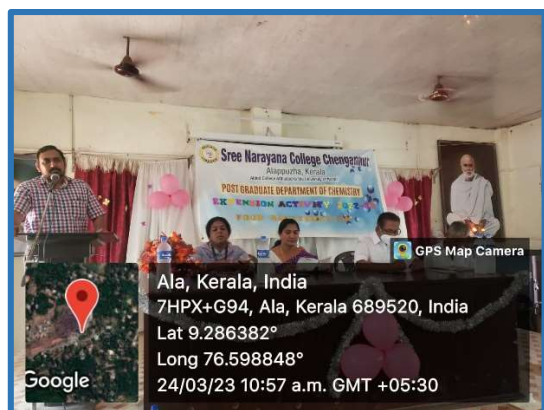
Invited talk : **Smt. Saranya R**
(Food Safety Officer, Chengannur Circle)
&
Live Water and Food Analysis
Organized by
Department of Chemistry & IQAC
Sree Narayana College, Chengannur
In association with
Food Safety Department - Govt. of Kerala

Date & Time : 24/03/2023 @ 10.30 am | Venue : College Auditorium

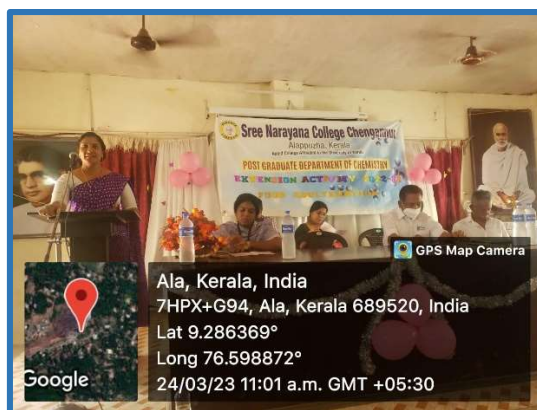
For further details : Dr. Anju K S (Coordinator)
Assistant Professor, Department of Chemistry, Sree Narayana College Chengannur



Smt. Saranya R, Food Safety officer of Chengannur circle, inaugurating the event.



Dr. Venu S welcomes the participants



Presidential address by Dr. Shereen K



Inaugural address by Mr. V K Vasudevan



Mobile Food Testing Lab at
Sree Narayana College Chengannur

Entrepreneurship Programme/ Extension Activity Conducted

Entrepreneurship Programme on “Assembling of LED sources for waste management and energy consumption reduction” Jointly Conducted by Post graduate department of Physics, Science forum and IQAC for UG and PG students in the month of February 2023.



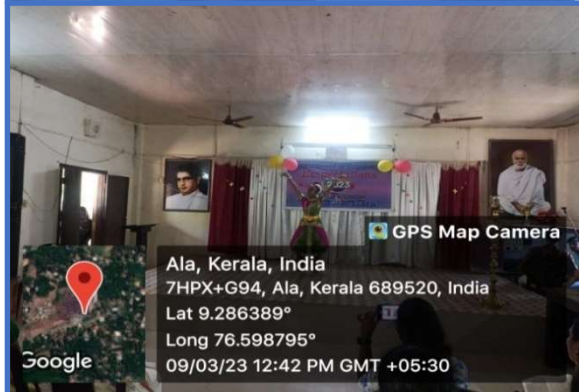
ECSPECTATIONS 2023 & Official Launching of “EARN WHILE LEARN”

Date: 9 March 2023, 10.00 Am

Venue: College Auditorium & Class rooms C1, C3, C4

 <p>SREE NARAYANA COLLEGE CHENGANNUR DEPARTMENT OF ECONOMICS</p> <p>“ECSPECTATIONS 2023 & Official launching of EARN WHILE LEARN Earn with learn, live it forever</p> <p>09 9th March 2023, 10.00 Am</p> <p>📍 Shyam Nagar(College Auditorium)</p>	<p>S N College Chengannur</p> <p>Sree Narayana College Chengannur is a prominent academic institution established in the year 1981 which is affiliated to the university of Kerala (NAAC accredited with Grade B). College named after the great visionary and social reformer sreenarayana guru has adhered to the ideals of guru and has become a frontrunner in nurturing the higher education needs of the rural community in its vicinity. Magnificent and diverse campus atmosphere imbibes cultural and pluralistic values to our student community and mould them as a community of students committed to the pursuit of truth and moral excellence. The college offers both Under Graduate and Post Graduate courses in various Disciplines of Arts and sciences and commerce and has produced innumerable outstanding students who has successfully placed in various walks of life.</p> <p>Department of Economics</p> <p>Department of Economics is one of the pioneering department in SNCC which offers both Graduate and Under Graduate courses. With the induction of Post Graduate degree in Behavioural Economics and Data Science, Students with diverse career dreams aspire to become a part of the department.</p> <p>EARN WHILE LEARN Earn with learn, live it forever</p> <p>Earn while you learn program provides opportunities to the students to earn while they are learning . It facilitate students to become self sufficient, confident and efficient managers</p>	<p>EVENTS</p> <p>FLASH MOB</p> <p>INUGURAL SESSION</p> <p>OFFICIAL LAUNCH OF EARN WHILE LEARN</p> <p>EMPORIUM</p> <p>CULTURAL'S</p> 
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<p>INUGURAL SESSION</p> <p>Prayer</p> <p>welcome Dr Mahima S (Asst Prof, Dept of Economics)</p> <p>Presidential Address Smt. Sreedevi Gopalakrishnan (HOD Dept of Economics)</p> <p>Inuagural Address Dr Shereen K (Principal, SNCC)</p> <p>Felicitations</p> <p>Dr Smitha Sasidharan (IQAC Coordinator, SNCC)</p> <p>Smt Sincy B (Secretary, Staff Association)</p> <p>shri. Ganga Y (Chairperson, Students Union)</p> <p>vote of Thanks Shri. Adhityan K S (student Coordinator Ecspectations 2023)</p>	<p>EMPORIUM</p>  <p>MODERN MANDRA- CRAFT</p> <p>KAIPPUNNYAM- FOOD STALL</p> <p>JINJA COOL BAR</p> <p>LA VIDA ES VIVIR- FISH STALL</p>	<p>Organising Committee</p> <p>Patron Shri. Vellapally Natesan Manager, SN Trust</p> <p>Chairperson Dr Shereen K Principal, SNCC</p> <p>Working Chairperson Smt. Sreedevi Gopalakrishnan</p> <p>Faculty Coordinators Dr Mahima S Dr Ajith Kumar S Smt. Radhika Gopinathan Shri. Prahaladhan K K Smt. Rajani N Shri. Deepti Acharya Shri. Jyothish S</p> <p>Student Coordinators Adhityan K S Amalu Athul Pratheesh Anandh Raj Nabin Nazar Nithul Raj Vishnu Jayakumar Abin A</p> <p>Teema Yohannan Ganga Y Anu R Anoop T Joy Aromal</p>
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FOOD FEST

FOOD FEST organized by Commerce Association and Department of Commerce on 21st February 2023. The programme was inaugurated by Dr. Shereen K (Principal in Charge, Sree Narayana College, Chengannur). Teaching and non-teaching staff and students were participated in this programme. Foods of all kinds starting from short eats to full meals are on sale in the fest. Traditional foods of Kerala are prepared by the students and put on sale.



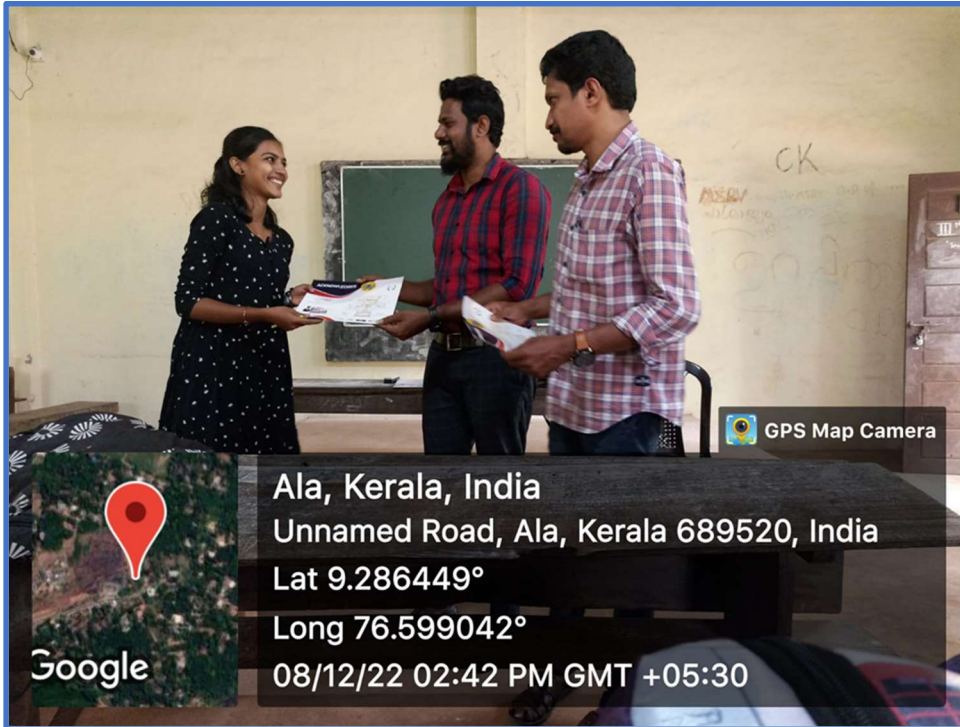
S N College, Chengannur (128)

PROGRAMME	PASSED YEAR	APPEARED	PASSED	PERCENTAGE
B.A. Economics (150)	2018	36	15	41.67
B.Com (159)	2018	30	24	80
B.Sc. Mathematics (220)	2018	19	14	73.68
B.Sc. Physics (230)	2018	15	6	40
B.Sc. Chemistry (235)	2018	19	16	84.21
MSc Medicinal Chemistry (603)	2018	9	5	55.56
MSc Physics (630)	2018	13	12	92.31
MSc Chemistry (635)	2018	12	9	75
B.A. Economics (150)	2019	40	10	25
B.Com (159)	2019	34	30	88.24
B.Sc. Mathematics (220)	2019	16	13	81.25
B.Sc. Physics (230)	2019	14	7	50
B.Sc. Chemistry (235)	2019	26	12	46.15
MSc Physics (630)	2019	12	11	91.67
MSc Chemistry (635)	2019	15	13	86.67
B.A. Economics (150)	2020	43	15	34.88
B.Com (159)	2020	33	26	78.79
B.Sc. Mathematics (220)	2020	21	17	80.95
B.Sc. Physics (230)	2020	16	5	31.25
B.Sc. Chemistry (235)	2020	20	13	65
MSc Physics (630)	2020	18	15	83.33
MSc Chemistry (635)	2020	14	13	92.86
B.A. Economics (150)	2021	50	13	26
B.Com (159)	2021	34	21	61.76
B.Sc. Mathematics (220)	2021	27	19	70.37
B.Sc. Physics (230)	2021	19	8	42.11
B.Sc. Chemistry (235)	2021	21	2	9.52
MSc Physics (630)	2021	19	12	63.16
MSc Chemistry (635)	2021	17	12	70.59
B.A. Economics (150)	2022	51	6	11.76
B.Com (159)	2022	38	22	57.89
B.Sc. Mathematics (220)	2022	10	3	30
B.Sc. Physics (230)	2022	13	2	15.38
B.Sc. Chemistry (235)	2022	22	10	45.45
MSc Physics (630)	2022	12	1	8.33
MSc Chemistry (635)	2022	18	3	16.67
B.A. Economics (150)	2023	53	1	1.89
B.Com (159)	2023	35	12	34.29
B.Sc. Mathematics (220)	2023	1	0	0
B.Sc. Physics (230)	2023	10	0	0
B.Sc. Chemistry (235)	2023	11	2	18.18


Controller of Examinations

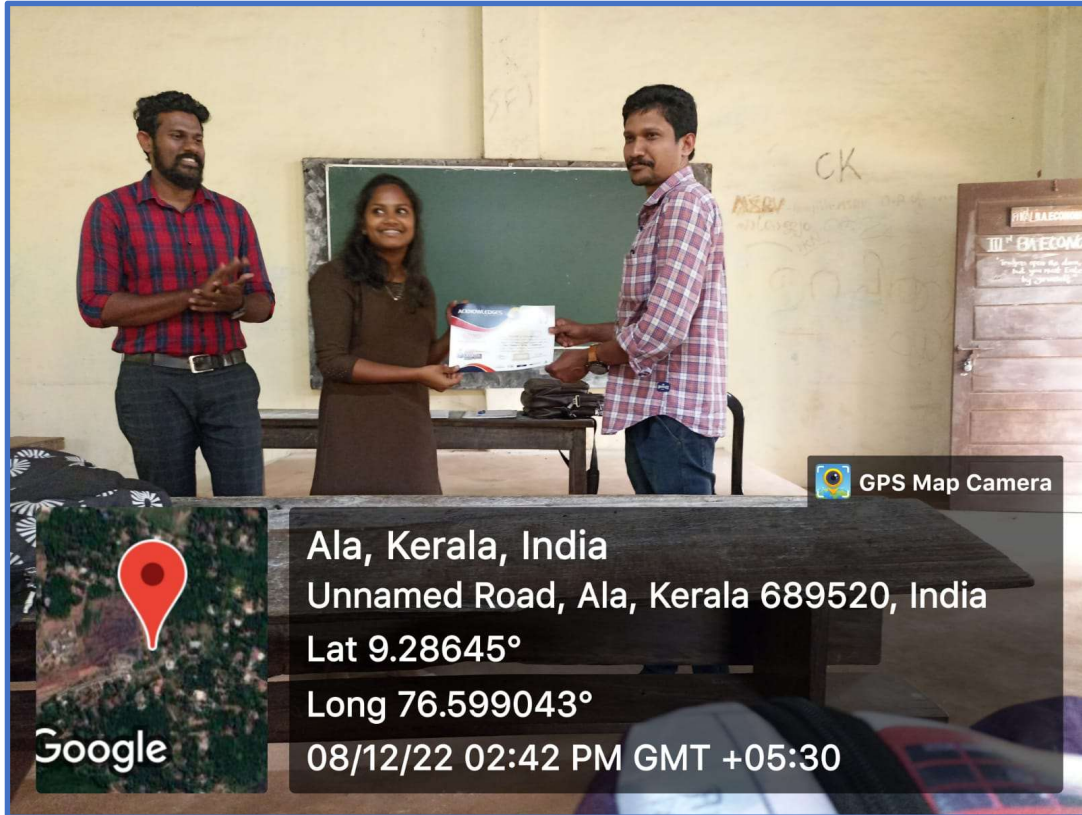


Best Manager Competition – GIIMS, Kochi



Teema Yohannan Student of III BA Economics secured the best manager award in the competition conducted by GIIMS, Kochi.





Anamika S Cherman II BA Economics won Best Manager award

Department of Commerce-certificate of appreciation from GIIMS , Kochi



Employment Confirmation Letter

22-11-2021

To

Abhijith V

Koippurathu vadakkethil

Chunakkara p o

Mavelikkara

To whom it may concern,

This letter serves to confirm **Abhijith V** remains currently employed with us on a full time. He is working with us from **17 November 2021** on **BLC program** at **Think & Learn Pvt Ltd**. If you have any questions or need any additional information, please contact me at +918714473755 if I may provide you with additional information.

Majesh M

BLC Marketing Manager

BYJU'S Think & Learn Pvt Ltd



Think & Learn Private Limited
IBC Knowledge Park, 4/1, 2nd Floor, Tower D
Bannerghatta Main Road, Bengaluru - 560029
Karnataka

E-mail: info@byjus.com | Tel. No: +91 80668 36800
CIN: U80903KA2011PTC061427

www.byjus.com

Compensation Sheet

Offer No: **QS2388307**

Associate Name: **ABHIJITH V**

Designation: **Business Development Executive**

Location: **COCHIN**

Pay Heads	Rs. Monthly Pay	Rs. Annual Pay
Basic	13532	162384
House Rent Allowance	6766	81192
Special Allowance	1603	19236
Statutory_bonus	1127	13524
Gross Salary	23028	276336
Employer's Contribution		
Employer Provident Fund	1950	23400
Employer Labour Welfare Fund	20	240
Insurance	210	2520
Total Contribution	2180	26160
Cost to Company: (CTC)	25208	302496
Deduction: (Subjected to change)		
Provident Fund	1800	21600
Labour Welfare Fund	20	240
Professional Tax	208	2496
Total Deduction	2028	24336
Net Take Home	21000	252000

Dear Associate,

Please download the WorQ App on your mobile for a host of benefits

- Access all your HR Documents (PaySlip, Offer Letter, PF/ESIC/Insurance Nos, Form 16)
- Get Digital ID Card



Page 1

This is a system generated letter



TO CHECK IF YOUR OFFER LETTER IS GENUINE.

Open the camera on your smart phone and scan.

A handwritten signature in black ink, appearing to read 'H. Anglin', written over two horizontal lines.

Page 2

This is a system generated letter



TO CHECK IF YOUR OFFER LETTER IS GENUINE.

Open the camera on your smart phone and scan.



No.HLL/10-2714/2022-

22nd December, 2022

SHRI AKHEESH GOPAL S S
CHEMPAKATHANAL ARA-16
MUGHAKADU LANE, ANAYARA P O
THIRUVANANTHAPURAM - 695029
Ph : 8089770819

Dear Sir,

POSITION: **JUNIOR TECHNICAL ASSOCIATE (NATURAL PRODUCTS - CHEMISTRY)**

We have pleasure in welcoming you to the HLL Family, having been selected for the position of **JUNIOR TECHNICAL ASSOCIATE (NATURAL PRODUCTS - CHEMISTRY)**, on FIXED TERM CONTRACT basis.

Please report to the **MANAGER (HR), HLL LIFECARE LIMITED, HLL CORPORATE RESEARCH & DEVELOPMENT CENTRE, AKKULAM, THIRUVANANTHAPURAM - 695 017**, on or before **29th December, 2022**.

We look forward to have your whole-hearted involvement and participation in the growth and well-being of the organization.

The terms and conditions of your appointment are enclosed.

Yours faithfully,

**Dr.ROY SEBASTIAN
VICE PRESIDENT (HR)**

Encl: As above

निगमित एवं पंजीकृत कार्यालय:
एचएलएल भवन, पूजप्पुरा पी.ओ.
तिरुवनन्तपुरम-695 012.
केरल, इंडिया.
दूरभाष : +91 471-2354949,
2350961, 2350959
वेबसाइट: www.lifecarehll.com

सीआईएन: यू25193केएल1966जीओआई002621

Corporate and Registered Office:
HLL Bhavan, Poojappura P.O.
Thiruvananthapuram-695 012
Kerala, India
Tel: +91 471-2354949
2350961, 2350959
Website : www.lifecarehll.com
CIN: U25193KL1966GOI002621



**TERMS AND CONDITIONS OF APPOINTMENT AS
JUNIOR TECHNICAL ASSOCIATE (NATURAL PRODUCTS - CHEMISTRY)**

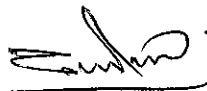
1. This appointment is on contract basis and you are specifically taken for a period of **ONE YEAR** from the date of your joining duty. The period of contract may be reduced or extended at the sole discretion of the Company. Your engagement on contract basis will not confer on you any claim as of right or otherwise for consideration for regular employment in the Company.
2. During the contract period, You will be placed in the Scale of Pay of **Rs. 10000 - 20000**. You will start on a Basic Pay of **Rs. 10000.00** per month in the above scale plus other admissible allowances as applicable to the employees of your grade as per rules of the Company from time to time. The monthly pay & allowances admissible as on date is as under

Sl No	Pay Particulars	Amount (Rs per month)
1	Basic Pay	10000.00
2	DA (34.8% of BP)	3480.00
3	HRA (17% of BP)	1700.00
9	Perks (25% of BP)	2500.00
TOTAL		<u>17680.00</u>

You are also eligible for annual increment on completion of every 12 months of service subject to a minimum performance rating of "good".

Performance Rating	Rate of increment
Good & Very Good	3% of Basic Pay
Excellent	5% of Basic Pay


3. During the contract period, except during the first year of contract, your services are liable to be terminated at any time by giving one month notice or by paying one month salary in lieu thereof and if you require to leave the job you will have to give one month notice in advance or pay to the Company one month salary. During the first year of the contract either party can terminate the contract without serving one month notice.
4. You are also eligible for contribution to provident fund @ 12 % of the Basic Pay and DA every month.
5. For Medical Facilities, you and your dependent family members will be covered under the relevant provisions of the Employees State Insurance Act 1948.

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: 2 :

6. In addition to public holidays observed by the Company, you shall also be entitled to 12 days Casual Leave, 8 days Sick leave and 12 days Paid Leave during the calendar year. Paid Leave available in the credit may also be encashed at the end of the calendar year subject to a maximum of 12 days of the Basic Pay + DA towards leave encashment. The above leaves cannot be carried forward to the next calendar year. Leave entitlement and encashment shall be governed by the Company's leave policy and the policy on engagement of employees on fixed term contract, as applicable and may be modified from time to time.
7. You shall observe and fulfil all the instructions, directions and orders given by the employer as well as your superiors.
8. Your aptitude and interest for the job will be closely observed.
9. You shall devote your whole time and attention exclusively to the duties entrusted to you to the best of your power, ability and skill and shall not do any other work for any person or concern in any capacity, whether with or without any remuneration nor shall hold any private business.
10. You shall not disclose, divulge or make public or shall personally use for your gain any of the materials, processes, accounts, transactions, dealings, information etc., whether the same may be confined to you or may become known to you during the course of your service or otherwise.
11. In case you are employed, please bring a letter from your present employer stating that your resignation has been accepted and you are relieved.
12. You shall not seek or try to secure any other job or employment without previous written consent of the employer.
13. Your initial posting will be at **HLL LIFECARE LIMITED, HLL CORPORATE RESEARCH & DEVELOPMENT CENTRE, AKKULAM, THIRUVANANTHAPURAM - 695 017**. Your services are transferable from one place to another either in existence or that would come into existence.
14. At the time of reporting for duty you will have to produce the following documents:
 - a. Certificate of Fitness from the Competent Medical Authority viz., Staff Surgeon/Medical Officer of any recognised District General Hospital. The medical examination fee, if any, will be paid by you and it will not be re-imbursed by the Company.
 - b. Duty Report Form (enclosed) duly filled in and signed.

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: 3 :

- c. Six copies of recent passport size photographs duly signed on the front side with name written in block letters on the reverse.
- d. Attestation form in quadruplicate prescribed by the Ministry of Home Affairs, completely filled up and duly signed by you for verification of your character and antecedents.
- e. Original certificates along with attested copies of the following documents:
 1. Certificate of educational qualification / experience.
 2. Certificate of age / date of birth.
 3. Character and Conduct Certificate from two respectable persons.
 4. Candidates belonging to Scheduled Caste / Scheduled Tribe / Other Backward Classes should produce a Proper Community Certificate in original from the concerned Revenue Authorities.
15. This offer is subject to production of the originals (along with attested copies) of certificates proving your age, qualification, experience etc.
16. The Company's rules and regulations regarding Conduct, Discipline and Appeal will be applicable to you. (CDA Rule enclosed)
17. Other service conditions will be governed by the relevant rules and orders of the Company in force from time to time.
18. Communications to you in your above address will be deemed to be proper service of communication unless change of your address if any is intimated to the Company.

In case you agree to the aforesaid terms and conditions you may communicate your acceptance of the above offer within 5 days by returning the enclosed acceptance letter duly signed to the **MANAGER (HR), HLL LIFECARE LIMITED, HLL CORPORATE RESEARCH & DEVELOPMENT CENTRE, AKKULAM, THIRUVANANTHAPURAM - 695 017**. Please also indicate your date of joining **immediately** on receipt of this letter. In the event of your not accepting or having accepted, and failing to report for duty on or before **29th December, 2022**, it will be presumed that you are not interested in our offer and it would automatically stand cancelled without further reference to you.

Dr.ROY SEBASTIAN
VICE PRESIDENT (HR)

Date:

ACCEPTANCE LETTER

From

AKHEESH GOPAL S S
CHEMPAKATHANAL ARA-16
MUGHAKADU LANE, ANAYARA P O
THIRUVANANTHAPURAM - 695029

To

THE MANAGER (HR),
HLL LIFECARE LIMITED,
HLL CORPORATE RESEARCH & DEVELOPMENT CENTRE,
AKKULAM, THIRUVANANTHAPURAM - 695 017

Dear Madam,

Sub: Appointment to the Post of **Junior Technical Associate (Natural Products - Chemistry)**

I hereby accept all the terms and conditions of the offer of appointment vide letter

No..... dated

I wish to intimate you that I will be joining for duty on.....

Yours faithfully,

(AKHEESH GOPAL S S)

THE SREE NARAYANA TRUSTS

Secretary
VELLAPPALLY NATESAN

P.B. No. 63
Kollam 691 001
Ph.No. 0474-2742932

No.2/SNT/6826

5.12.2022

APPOINTMENT ORDER


Sub: Appointment of Guest Lecturer.
Ref: G.O.(MS) No. 46/09/H.Edn., dated 1.6.2009.

Sri./Smt. Akshaya K. Mohan, Alummoottil House, Parayakadavu, Kuzhithura, P.O., Karunagappally, Kollam, is appointed as Guest Lecturer in Chemistry on remuneration on daily basis at the rate of Rs. 1600/-per day subject to a maximum of Rs. 40000/- per mensum and posted at S.N. College, Chengannur w.e.f. 5.12.2022 against the maternity leave in respect of Dr. Reshmi.R from 5.12.2023 to 2.6.2023.

His/her service will be terminated as and when workload does not justify his/her retention or at any rate on the closing of the college at the end of the academic year. He/She shall have no claim for future appointment as the appointment is purely provisional.

The Principal concerned will be held liable to claim and disburse the salary of incumbent.

He/She is requested to report for duty before the Principal, at S.N. College, Chengannur.


Manager

Sree Narayana Colleges

Sri./Smt. Akshaya K. Mohan, Alummoottil House, Parayakadavu, Kuzhithura, P.O., Karunagappally, Kollam (through the Principal)

Copy to:-

1. The Principal, S.N. College, Chengannur.
2. The Director of Collegiate Education, Trivandrum.
3. The Dy. Director of Collegiate Education.



No.HLL/10-2714/2022-

02nd August 2022

SMT. ANJALI P.T
PUTHUKKATTIL,
THYCATTUSSERY P.O
CHERTHALA, ALAPPUZHA - 688528
PH : 9744594100

Dear Madam,

POSITION: RESEARCH INTERN (CHEMISTRY)

With reference to the Written Test held on **13th July, 2021**, we have pleasure to engage you as **RESEARCH INTERN (CHEMISTRY)** at **HLL LIFECARE LIMITED, CORPORATE RESEARCH & DEVELOPMENT CENTRE, AKKULAM, TRIVANDRUM – 695 017** on the following terms and conditions:

1. The duration of the **TRAINING** will be **THREE YEARS** from the date of reporting for training, which could be reduced at the discretion of the Company. Company has the right to reduce or increase the raining period at its discretion at any time.
2. During the training period, you will be paid a **Stipend of Rs.13500.00, Rs.15000.00 and Rs.18000.00 per month for the First Year, Second Year and Third Year respectively**. You will not be entitled to any other emoluments or allowances / benefits, available to the employees of the Company.
3. The Company reserves the right to relieve you from the training at any time without notice and without assigning any reason what so ever.
4. The above training will not confer on you any claim as of right or otherwise for consideration for regular employment in the Company.
5. The Company's rules and regulations regarding Discipline, Punctuality etc. will be applicable to you.
6. Your engagement is subject to your being found fit by a Registered Medical Practitioner not below the rank of an Assistant Surgeon and you will have to produce the certificate at the time of reporting for the training.

...2

Anjali P.T
(HR)

निगमित एवं पंजीकृत कार्यालय:
एचएलएल भवन, पूजप्पुरा पी.ओ.
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Corporate & Regd. Office:
HLL Bhavan, Poojappura P.O.
Thiruvananthapuram-695 012.
Kerala, India
Tel : +91-471-2354949
2350961, 2350959
Website:www.lifecarehll.com



: 2 :

7. You shall observe and fulfill all the instructions, directions and orders given by the employer as well as your superiors.
8. You shall devote yourself completely and whole-heartedly to your training.
9. Your conduct, attendance, proficiency in your training etc. will be closely watched and the Company reserves the right to relieve you from training even before completion of training for unsatisfactory performance also without notice.
10. At the time of reporting for training you will have to produce the following documents along with attested copies:
 - 10.1 Two copies of recent passport size photographs.
 - 10.2 Certificate of educational qualification / experience (along with attested or self-attested copies).
 - 10.3 Certificate of age / date of birth (along with attested copies).
 - 10.4 Character and Conduct Certificate from two respectable persons.
 - 10.5 Relieving Order from the previous / present employer, if applicable.
 - 10.6 Candidates belonging to Scheduled Caste / Scheduled Tribe / Other Backward Classes should produce a proper Community Certificate in original from the concerned Revenue Authorities.
11. If after engagement in any particular case the verification reveals that your claim was false, your training will be terminated forthwith.
12. In the normal course, you will be relieved from your training on completion of **THREE YEARS** from the date of your joining.

In case you agree to the aforesaid terms and conditions, you may communicate your acceptance of the above offer by duly affixing your signature in the enclosed duplicate copy and returning the same to the **GENERAL MANAGER (HR), HLL LIFECARE LIMITED, HLL CORPORATE RESEARCH & DEVELOPMENT CENTRE, AKKULAM, TRIVANDRUM- 695 017** and you may report for the training on or before **09th August, 2022** before the **GENERAL MANAGER (HR)** at the above address. In the event of your not accepting or having accepted and failing to report for the training at the specified date it will be presumed that you are not interested in our offer and it would automatically stand cancelled without further reference to you.

MANAGER (HR)



Employee Name Arundhathi Prasannan

Emp Code 58247

Location Hyderabad

Subject: Letter of Appointment

Ref: Offer Letter executed between Inventurus Knowledge Solutions Private Limited (the "Company"/"IKS Health") and yourself.

Dear Arundhathi Prasannan,

In accordance and subject to the terms and conditions of the Offer Letter executed between you and the Company as if the same are reproduced herein and incorporated by reference, we are pleased to appoint you as **Medical Coder** in Grade **13** with effect from **Wednesday Sep 28,2022** (the "Effective Date").

You will be on probation for a period of six (6) months from the Effective Date. Subject to your satisfactory performance, the Company may confirm your appointment or extend your probation at its sole discretion. Your employment with the Company is based upon the information furnished by you in your employment application and all further declarations and undertakings. In the event, if any information and/or declaration is found out to be false, incorrect, misleading or fabricated, the same will lead to termination of your employment with the Company with immediate effect without notice.

The terms and conditions of your employment shall be subject to due observance and compliance with all policies, rules, regulations and procedures of the Company, which the Company may from time to time separately frame or amend in its sole discretion.

Please sign this letter in duplicate and kindly return to us one signed original.

Your failure thereafter to join the Company shall be considered as your withdrawal from the acceptance of the offer and the Company shall be entitled to take appropriate action against you including but not limited to replacement of your candidature.

We look forward to having you as part of the IKS Health team.

Yours sincerely,

For INVENTURUS KNOWLEDGE SOLUTIONS PVT LTD.

Approved and Released by

The Talent Engagement Team*

For Inventurus Knowledge Solutions Private Limited

(*This is an electronically generated document and hence not signed)

Arundhathi Prasannan

I accept the above offer on the terms indicated.

Signature Date



HRD/3T/21-22/1003790957

Ms. Aswathy Mani Babu
Candidate ID: 1003790957
Manappallyseri, Thondankulangara Ward
Avalookkunnu P O , Alappuzha
Aleppey - 688006
Kerala
India
Ph: (91) 79074 33537

March 5, 2022

Dear Aswathy Mani,

Welcome to Infosys!

Today, the corporate landscape is dynamic and the world ahead is full of possibilities! None of the amazing things we do at Infosys would be possible without an equally amazing culture, the environment where ideas can flourish and where you are empowered to move forward as far as your ideas will take you.

At Infosys, we assure that your career will never stand still, we will inspire you to build what's next and we will navigate further, together. Our journey of learnability, values and trusted relationships with our clients continue to be the cornerstones of our organization and these values are upheld only because of our people.

We look forward to working with you and wish you success in your career with us.

Warm regards,

RICHARD LOBO
EVP and Head Human Resources – Infosys Limited

INFOSYS LIMITED
CIN: L85110KA1981PLC013115
44, Infosys Avenue
Electronics City, Hosur Road
Bangalore 560 100, India
T 91 80 2852 0261
F 91 80 2852 0362
askus@infosys.com
www.infosys.com

HRD/3T/21-22/1003790957

March 5, 2022

Ms. Aswathy Mani Babu
Candidate ID: 1003790957
Manappallyseri, Thondankulangara Ward
Avalookkunnu P O , Alappuzha
Aleppey - 688006
Kerala
India
Ph: (91) 79074 33537

Dear Aswathy Mani,

Congratulations! We are delighted to make you an offer as **Systems Engineer Trainee** and your role is **Systems Engineer**.

Here are the terms and conditions of our offer:

1. Definitions

The following terms shall have the following meanings for the purpose of this Offer of Employment ('Offer Letter' hereinafter).

- 1.1 'Affiliates' means any entity that controls, is controlled by, or is under common control with the Company.
- 1.2 'Company' refers to Infosys Limited.
- 1.3 'Control' means possessing, directly or indirectly, the power to direct or cause the direction of the management, policies or operations of an entity, whether through ownership of voting securities, by contract or otherwise.
- 1.4 'Training' shall mean and include all the training that shall be imparted to you on joining the Company.

2. Joining

Your scheduled date of joining the employment of the Company will be **March 10, 2022**.

3. Location

Your location for employment is **Mysore, India**.

You may be asked to relocate to any of our units, departments or the offices of our Affiliates and/or the offices of our customers, depending on business requirements. In such an event, your remuneration and other benefits shall be determined in accordance with the relevant Policies of the Company in that work location.

Please be advised that you, by accepting this Offer Letter, hereby give your irrevocable consent to the above.

4. Training

You recognize and accept that at the time of appointment as Systems Engineer Trainee, except exposure to academic knowledge, you have received no formal, effective, technical or practical training to independently function as a Systems Engineer Trainee who is commercially viable to the Company. You further recognize and accept that prior to and at the time of joining the Company, you have not been exposed to and, therefore, have not acquired any management or communication skills, which are essential for performance of duties by you which meet the current business needs, parameters, standards and efficiency levels required by the Company

Therefore, you would need to undergo the Training program at the Company. The Training program may consist of classroom/virtual training and/or on-the-job training. The duration of the Training will be based on the business requirements of the Company.

5. Terms and Conditions during Training

You are aware that the Company would be expending substantial sums of money and incurring costs, expenses, man hours etc. in the process of selecting and appointing you as Systems Engineer Trainee and thereafter imparting Training to you

You further accept, agree and admit that the nature, quality, intensity and content of Training to be imparted by the Company is not available or imparted by any other company of a similar nature. The Training is designed to satisfy the exclusive requirements of the Company

You admit and recognize that the technical and management Training involves substantial Training costs, man hours, resource utilization and is the result of the Company's pro-active policies in encouraging leadership qualities

You recognize and accept that the Company would suffer substantial financial loss, inconvenience, loss of resources, man hours, etc., in the event you fail to complete the Training and/or leave the Company during the Probation period

You, therefore, agrees that in the event of you leaving the Company before completion of the Probation period with the Company for any reason whatsoever, you shall be liable to pay to the Company compensation /damages amounting to Rs. [1,00,000]/- (Rupees One Lakh)

You accept, agree and admit that the aforementioned amount is a genuine, fair and reasonable estimate of the damages, loss and expenses that the Company would suffer on providing you the Training and/or if you leave the Company during the Probation period

You acknowledge that the failure to complete the Training successfully or leaving the Company within the Probation Period shall mean and include:

- a) Failure to complete the Training and/or the Probation Period by being absent for any reason(s) whatsoever from the Company;
- b) Leaving the Company for the purpose of higher studies, research, alternate employment, alternate Training or any other purpose during the Probation period.
- c) Dismissal by the Company for any act of misconduct, indiscipline, absence, refusal to obey orders, breach of internal policies of the Company or unsatisfactory response from you during the Probation period

Please be advised that you, by accepting this Offer Letter, hereby give your irrevocable consent to the above.

6. Probation and confirmation

You will be on training / probation for a period of 18 (Eighteen) months from the date of joining the Company. On successful completion of your training / probation, you will be confirmed as a permanent employee. Your confirmation is also subject to your submitting the documents required by the Company, details of which are enclosed in the Information Sheet in Annexure – IV.

7. Leave

You are entitled to earned Leave, right from your date of joining. You will be eligible for 15 (Fifteen) working days of earned leave annually, for the first two years of your tenure with the Company. On completion of two years of service, subject to your confirmation as a permanent employee you will be eligible for 20 (Twenty) working days of leave annually.

Leave is credited on a quarterly basis. The Leave eligibility shall begin in the quarter of your joining the Company, on a pro-rata basis. Leave year is the calendar year and not the fiscal year.

An illustration with other relevant information have been given in the Information Sheet. The Company's Policies also provide for Maternity, Paternity and Bereavement Leave. Further details will be provided to you at the time of joining.

8. Increments and Promotions

Your growth and increase in salary will depend solely on your performance and contribution to the Company. Salary increases are normally given on an annual basis.

9. Transfer

Your services can be transferred to any of our units / departments situated anywhere in India or abroad. At such time compensation applicable to a specific location will be payable to you

10. Compensation and Benefits

10.1 Salary

Your Total Gross Salary during the first six months from the Date of Joining will be **INR 25,000 per month** and Total Gross Salary post successful completion of six months will be **INR 30,000 per month**. The break-up of your salary has been provided in the Compensation Details sheet in Annexure - I and Annexure - II.

The effective date of the revised salary will be the 1st of the month succeeding the month in you have completed 6 months.

10.2 Performance- linked Incentive

You will be eligible for a Performance-linked Incentive (PI) upon successful completion of six months from the Date of Joining, to a maximum of 20% of your Fixed Gross Salary, based on your performance during the six months period.

The details of this scheme will be communicated on your joining. Please refer to the Compensation Details sheet for more details

10.3 Ex - Gratia / Bonus

You will be eligible for an Ex - Gratia/ Bonus payout which is calculated at 20% of the Basic Salary as mentioned in the Compensation Details sheet at Annexure - I and Annexure - II of this letter. The mode of payment for Financial Year **2021 - 22** will be as follows:

95% of the bonus amount mentioned in the Compensation Details sheet will be paid out on a monthly basis. The balance amount will be paid out in the end of the financial year.

10.4 Basket of Allowances (BOA)

The Basket of Allowances will be paid to you as part of your salary every month.

You will have the flexibility of choosing the components and amounts under such components as per the options provided to you on the Company intranet, based on your preferences and income tax plans.

10.5 National Pension Scheme

We offer all our India based employees the option to contribute towards the National Pension Scheme. This is an optional retirement benefit introduced by the Government of India for all its citizens. It enables accumulation of retirement corpus during active employment with add-on tax breaks. Please refer to the Information Sheet at Annexure - IV for more details

10.6 Insurance

You will be eligible to participate in a Group Health Insurance Scheme. You may choose to enhance the coverage with other participatory optional health insurance plans (Platinum, Gold and Silver). You will be covered by default under the Standard Plan which provides you and your family (your spouse and two children up to the age of 22 years) with a cover of **INR 5,00,000** per annum.

You will be covered under the Group Life Insurance Scheme, managed by Infosys Welfare Trust which provides you with a total Life Insurance cover of **INR 62,00,000** of which **INR 32,00,000** is covered towards natural death, and **INR 30,00,000** towards an accidental death. All employees become members of Infosys Welfare Trust, by one-time payment of **INR 250** and fixed monthly contribution of **INR 250**.

The details of the Scheme would be available to you when you join the Company.

11. Passport and Driving License

It would be to your advantage to have a valid passport and a four-wheeler driving license at the time of joining the Company. Our offer to you is subject to your having a valid passport or producing a proof of having applied for the same.

12. Notice period

During the probation period, if your performance is found to be unsatisfactory or if it does not meet the prescribed criteria, your Training / employment can be terminated by the Company with one-month notice or salary thereof. On confirmation, you will be required to give three months' notice or salary thereof in case you decide to leave our services, subject to the Company's discretion. Where circumstances make it necessary, the Company will have the discretion to relieve you only at the end of the three months' notice period. Similarly, the Company can terminate your services by giving three months' notice or salary thereof.

In the event you do not successfully complete your Training, or you are involved in an act that constitutes misconduct, your Training/employment can be terminated by the Company with immediate effect without notice.

13. Background checks

The Company may, at its discretion conduct background checks prior to or after your expected joining date to validate your identity, the address provided by you, your education details and details of your prior work experience if any, and to conduct any criminal checks. You expressly consent to the Company conducting such background checks. In this connection, you are required to furnish the documents listed in "Offer Annexure for India".

If you fail to submit the necessary documents as required by the Company within the specified time period or if the Company is not satisfied, with the outcome of the background checks, the Company, in its sole discretion, reserves the right to withdraw this Offer without notice and compensation or to take any appropriate action against you, including, but not limited to termination of your employment.

When a background check raises any concerns regarding any of the details furnished by you and the Company feels the need to further validate such facts, the Company may at its sole discretion, ask you for further information, to substantiate the details that you have earlier provided to the Company, before initiating appropriate action.

Please note that Infosys requires you to furnish a copy of your passport at the time of joining. If you are unable to do so, the Company will initiate a criminal background check.

14. Other terms and conditions

You agree not to undertake employment, whether full-time or part-time, as the Director / Partner / Member / Employee of any other organization / entity engaged in any form of business activity without the consent of Infosys. The consent may be given subject to any terms and conditions that the Company may think fit and may be withdrawn at any time at the discretion of the Company.

Our offer to you as a **Systems Engineer** is conditional upon your having fully completed your graduation / post-graduation, without any active backlog papers and with a pass percentage not lesser than as specified during the selection process. You should also have completed all studies, course requirements and examinations required for the award of the educational qualification recorded by you in your application for employment with Infosys. You will be required to produce all marks sheets and other relevant documents at the time of joining.

You will produce all marks sheets and other relevant documents, at least till the penultimate semester. All these proofs will need to be submitted on the day of joining. Further, you should have been declared as passed by the relevant examination authority. The determination of the adequacy or authenticity of all or any of the proofs and any condonation of delay in submission of the same will be at the Company's discretion.

You hereby acknowledge and agree to abide by all internal Policies of the Company, which you will be able to access, upon joining, on the intranet 'Sparsh'. These Policies cover various human resources and administrative topics and procedures. The Company reserves the right to change these Policies at any time in its absolute discretion.

Based on the nature of your work and business requirements, you may be required to work on rotational shifts. If you are required to work on rotational shifts, you will be duly intimated of the change in your shift timings. During rotational shifts, you will continue to be bound by the provisions of the working hour policy of the Company. If the rotational shifts require you to work night shifts, the policy on night shift allowance of the Company (if in force) will be made applicable to you.

You shall be required to sign certain mandatory agreements, including but not limited to the Confidentiality, Intellectual Property Rights, the Code of Business Conduct and Ethics and your employment shall be governed by all the rules and regulations, as amended from time to time, of the Company as applicable to your employment with us. This offer is also conditional upon your acceptance and execution of the Non-Compete Agreement (Annexure - III).

This offer of employment constitutes the entire agreement between you and the Company regarding the terms of your employment and it is the complete, final, and exclusive embodiment of your agreement with regard to this subject matter and supersedes any other promises, warranties, representations or agreements, whether written or oral. It is entered into without reliance on any promise or representation other than those expressly contained herein, and it cannot be modified or amended except in writing signed by an authorized officer of the Company.

If any of the terms or conditions of this offer are found to be illegal or unenforceable, such terms shall be treated as severable from the rest of the terms and conditions of this offer and the remaining terms and conditions shall continue in force.

This agreement shall be governed by the laws of India and you hereby agree to the exclusive jurisdiction of the courts in Bangalore, India.

As a token of your acceptance of this offer, please bring a duly signed duplicate copies of the letter and all the accompanying annexures, on the date of joining.

We welcome you to the Infosys family and wish you a rewarding career over the years to come.

Yours sincerely,

RICHARD LOBO
EVP and Head Human Resources – Infosys Limited

I have read, understood and agree to the terms and conditions as set forth in this offer letter.

Date: _____, 20____

Sign your name

Print your name Location

ANNEXURE – I

(Compensation during the first six months from the Date of Joining)

COMPENSATION DETAILS (All figures in INR. per month)	
NAME	Ms. Aswathy Mani Babu
ROLE	Systems Engineer
ROLE DESIGNATION	Systems Engineer Trainee
1. MONTHLY COMPONENTS	
BASIC SALARY	15,000
BASKET OF ALLOWANCES	4,478
BONUS / EX-GRATIA (95% of the eligible amount (20% of Basic Salary) being paid out on a monthly basis)	2,850
MONTHLY GROSS SALARY	22,328

2. ANNUAL COMPONENT	
BONUS / EX-GRATIA - (Balance 5% will be paid out in the end of the financial year after adjusting the advance (95%) paid out on a monthly basis)	150

3. RETIRAL BENEFITS	
PROVIDENT FUND - 12% of Basic Salary	1,800
GRATUITY - 4.81% of Basic Salary	722
FIXED GROSS SALARY (1+2+3)	25,000
TOTAL GROSS SALARY	25,000

OTHER BENEFITS				
Scheme	Eligible Amount in INR.	Interest	Monthly Instalments	Margin Money (To be borne by the employee)
SALARY LOAN (subject to submission of Trainee Agreement)	12,000 (Without Security)	Nil	12	Nil

All the above benefits are as per Company's policies, which are subject to change from time to time. The disbursement of any loan / loan allowance is subject to the fulfilment of all criteria defined for the same to the satisfaction of the Company as per the relevant loan / loan allowance policy at that time.

* The gratuity amount set out above is an approximation. Your eligibility and the final pay out of any Gratuity amounts will be determined in strict accordance with the provisions of the Payment of Gratuity Act



GATE 2020 Scorecard

Graduate Aptitude Test in Engineering

Name

VISHNU PRASAD PR

Registration Number

PH20S17206010

Examination Paper

Physics (PH)



(Candidate's Signature)

Marks out of 100*

41.67

Qualifying Marks**

37.2

33.4

24.8

GEN/EWS OBC (NCL) SC/ST/PwD

All India Rank in this paper

1788

Number of Candidates appeared in this paper

16990

GATE Score

416

Valid from March 18, 2020 to March 17, 2023

Qualified

March 18, 2020

* Normalized marks for Civil Engineering and Mechanical Engineering Papers

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this scorecard

Prof. B. R. Chahar
Organizing Chairman, GATE 2020
(on behalf of NCB - GATE, for MHRD)



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Qualifying in GATE 2020 does not guarantee either an admission to a post-graduate programme or a scholarship/assistantship. Admitting institutes may conduct further tests or interviews for final selection.

In the GATE 2020, the qualifying marks for a general category candidate in each paper is $\mu + \sigma$ or 25 marks (out of 100), whichever is greater, where μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper. The qualifying marks for OBC(NCL) and SC/ST/PwD candidates are 90% and two-third of a general category candidate in the paper respectively.

The GATE 2020 score was calculated using the formula

$$GATE\ Score = S_q + (S_t - S_q) \frac{(M - M_q)}{(\bar{M}_t - M_q)}$$

where

M is marks (out of 100) obtained by the candidate in the paper

M_q is the qualifying marks for general category candidate in the paper

\bar{M}_t is the mean of marks of top 0.1% or top 10 (whichever is greater) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

$S_q = 350$, is the score assigned to M_q

$S_t = 900$, is the score assigned to \bar{M}_t

In multi-session (Civil Engineering and Mechanical Engineering) papers, the normalized mark of j^{th} candidate in the i^{th} session \hat{M}_{ij} was computed using the formula

$$\hat{M}_{ij} = \frac{\bar{M}_{ti}^g - M_{iq}^g}{\bar{M}_{ti} - M_{iq}} (M_{ij} - M_{iq}) + M_{iq}^g$$

where

M_{ij} is the actual marks obtained by the j^{th} candidate in i^{th} session

\bar{M}_{ti}^g is the average marks of the top 0.1% of the candidates considering all sessions

M_{iq}^g is the sum of mean and standard deviation marks of the candidates in the paper considering all sessions

\bar{M}_{ti} is the average marks of the top 0.1% of the candidates in the i^{th} session

M_{iq} is the sum of the mean marks and standard deviation of the i^{th} session

Graduate Aptitude Test in Engineering (GATE) 2020 was organised by Indian Institute of Technology Delhi on behalf of the National Coordination Board (NCB) - GATE for the Department of Higher Education, Ministry of Human Resources Development (MHRD), Government of India.



Excellence in
Assessment

NATIONAL

TESTING AGENCY

E-certificate No: JUN2JC01450



grants

NATIONAL ELIGIBILITY TEST FOR ASSISTANT PROFESSOR

NIA Rel. No:
211610031278

278

ROI No: KL01000353

Certified that
RESHMA.P

M.A.P

Son/Daughter of

REMANI.P.R

and

OMANAKUITAN



has qualified

CSIR-UGC Test for eligibility for Assistant Professor in the subject

June 2021 Joint

Chemical Sciences

As per information provided by the candidate, he/she had completed/appeared or was pursuing his/her Master's degree or equivalent examination in the concerned/related subject at the time of applying for Joint CSIR-UGC Test.

The date of eligibility for Assistant Professor is the date of declaration of Joint CSIR-UGC Test result, i.e., 24.03.2022, or the date of completion of Master's degree or equivalent examination with required percentage of marks within two years from the date of declaration of Joint CSIR-UGC Test result, i.e. by 23.03.2024, whichever is later.

This is an electronic certificate only, its authenticity and category in which the candidate had appeared should be verified from National Testing Agency (NTA) by the institution/appointing authority. This electronic certificate can also be verified by scanning the QR Code.

The validity of this electronic certificate is forever.

Issue date: 19.04.2022

Subarashan

Senior Director, NIA



GATE 2021 Scorecard

Graduate Aptitude Test in Engineering (GATE)



Candidate's Details

Name
MEGHA P

Parent's / Guardian's Name
BABU P

Registration Number
CY21S11304034

Date of Birth
18-Feb-1997

Examination Paper
Chemistry (CY)



(Candidate's Signature)

Performance

GATE Score
340

Marks out of 100*
35.33

Qualifying Marks**

General	EWS/OBC (NCL)	SC/ST/PwD
36.2	32.5	24.1

Number of Candidates Appeared in this paper
23465

All India Rank in this paper
3938

Valid up to 31st March 2024

* Normalized marks for Civil Engineering (CE), Computer Science and Information Technology (CS) and Mechanical Engineering (ME) Papers.

** A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this scorecard.

Deepankar
19th March 2021

Prof. Deepankar Choudhury
Organising Chairperson, GATE 2021
(on behalf of NCB - GATE, for MoE)



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The GATE 2021 score is calculated using the formula

$$GATE\ Score = S_q + (S_t - S_q) \frac{(M - M_q)}{(M_t - M_q)}$$

where,

M is the marks obtained by the candidate in the paper, mentioned on this GATE 2021 scorecard

M_q is the qualifying marks for general category candidate in the paper

M_t is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)

$S_q = 350$, is the score assigned to M_q

$S_t = 900$, is the score assigned to M_t

In the GATE 2021 score formula, M_q is 25 marks (out of 100) or $\mu + \sigma$, whichever is greater. Here μ is the mean and σ is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2021 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.

Codes for XE and XL Paper Sections (compulsory section and any other two sections)

XE: Engineering Sciences

A - Engineering Mathematics (compulsory)

B - Fluid Mechanics

C - Materials Science

D - Solid Mechanics

E - Thermodynamics

F - Polymer Science and Engineering

G - Food Technology

H - Atmospheric and Oceanic Sciences

XL: Life Sciences

P - Chemistry (compulsory)

Q - Biochemistry

R - Botany

S - Microbiology

T - Zoology

U - Food Technology

Graduate Aptitude Test in Engineering (GATE) 2021 was organized by Indian Institute of Technology Bombay on behalf of the National Coordination Board (NCB) - GATE for the Department of Higher Education, Ministry of Education (MoE), Government of India.


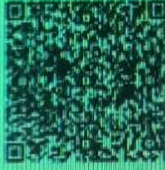
3/12/2020



Human Resource Development Group
Council of Scientific & Industrial Research



Joint CSIR-UGC NET November 2020
National Testing Agency- Score Card

Application Number :	191620204617	Roll Number :	BR0816202173	
Candidate's Name :	VINEETH SHAJI			
Mother's Name :	DILI SHAJI			
Father's Name :	SHAJI V S			
Category :	OBC- NCL (CENTRAL LIST)	Person with Disability(PwD) :	No	
Gender :	MALE	Date of Birth :	15-07-1995	
Subject :	PHYSICAL SCIENCES			
No of Candidates in this Subject	Registered :	48474	Appeared : 38291	
Applied For :	APPLIED FOR JRF			

Marks Obtained

Part A	19.000
Part B	63.712
Part C	35.119
Total Marks Obtained	117.831
Total Marks Obtained (in words)	ONE HUNDRED SEVENTEEN POINT EIGHT THREE ONE ONLY
NTA Score	99.5988654
Result	Qualified for JRF(NET)-UGC
RANK	057

Dated : 04.02.2021

Senior Director, NTA

Note