



SACRED HEART COLLEGE (AUTONOMOUS)

Tirupattur – 635 601, Tamil Nadu, S.India

Resi : (04179) 220103

College : (04179) 220553

Fax : (04179) 226423

Ready for
Every Good Work

A Don Bosco Institution of Higher Education, Founded in 1951 * Affiliated to Thiruvalluvar University, Vellore * Autonomous since 1987

Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.31 / 4 at 'A+' Grade

Research Forum

2022-2023

**Annual Report
on the
Activities of the
Research Forum
2022-23**

**Sacred Heart College (Autonomous)
Tirupattur-635601**

Sacred Heart College (Autonomous) Tirupattur, Tirupattur Dt - 635601

Research Forum - B.Com (CA) (SHIFT - II)

Annual Plan for the Academic Year 2022 - 2023

Staff In-charge: Dr.D.Valarmathi

S.No	Month	Programmes
1	August	Inauguration of Research Forum
2	August	Research forum students meet & Discussion on Research forum importance, objectives
3	September	Invited talk about Research methods Discussion on Current Issues Identify their interested area of Research and Selecting research topic Attending conferences, seminar, workshops
4	October	Explain about primary and secondary data sources
5	October	Discuss about Preparation of questionnaire
6	November	Attending conferences, seminar, workshops and encouraging students to write Articles and Research papers
7	December	Invited talk on analyzing the data collection by using different types of tools
8	January	Attending conferences, seminar, workshops
9	February	Invited Talk on Report writing
10	March	Evaluation of Research Forum activities

Department of B.Com (CA) - Shift-II (2022-2023)

Coordinator: Name: Dr.D.Valarmathi

Mobile No : 9344143262

E-mail : valarmathi@shcpt.edu

Student Name List:

Class: Second Year

SI. No.	Register Number	Name
1	BU211203	ASWIN R
2	BU211206	HINDHUMATHI D
3	BU211208	JON RESLINE A
4	BU211217	PRIYADHARSHINI S
5	BU211226	SAMIHA S
6	BU211229	TAMIZHAN K
7	BU211236	VAISHNAVI DEVI S
8	BU211240	SANTHIYA R
9	BU211256	PREETHA K
10	BU211276	SOMESHWARAN R

Class: Third Year

Sl. No	Register Number	Name
1	BU201210	PAVITHRA A
2	BU201212	KAVIYA A
3	BU201216	LOURDU SAMY S
4	BU201222	NARESHKUMAR S
5	BU201232	GAYATHRI N
6	BU201245	GOKUL A
7	BU201246	GOKUL S J
8	BU201257	YAMUNADEVI M
9	BU201261	VINOTHINI N
10	BU201266	THIRUMALAI S

Sacred Heart College (Autonomous), Tirupattur

Research Forum- 2022-23

1. Research Forum Inauguration-August-3, 2022.
2. Research Forum- One Week crash course in MS-Excel-September-12, 2022.
3. Research Forum & Eco-club- “Lab to land programme”-September-26, 2022.
4. Lecture on Research Methodology-October-18, 2022.
5. Endowment Lecture-January 21, 2023.
6. Research Forum-SHC-IPR cell-IPR day Quiz Competition-December 5, 2022.
7. P.G. Paper presentation and UG Exhibition-January 07, 2023
8. Research Day December 14, 2022
9. Lecture on Current trends in Science Research- February 11, 2023.
10. Science day February 25, 2023.
11. Research Forum-Valedictory February 28, 2023

Sacred Heart College (Autonomous), Tirupattur

DEPARTMENT OF B. COM (CA)

Research Forum Mid -Term Evaluation Report

Inter and Intra programme Participation details

- Research Forum students attended the presentation on Research Methods through Google meet link: meet.google.com/sec-xnhv-eva, organised by Research Forum in-charge on Dr. D. Valarmathi on 12.08.2022.

In that meeting the following topics were explained

- Meaning of Research
- Types of Research
- Advantages of Research
- Research process

- Research Forum Students are participated in National Webinar on Financial Empowerment through wealth creation Chettinad School of Law and Research Education Kelambakkam, Chennai on 05.08.2022

- Ten of our students attended Webinar on Financial Empowerment and Career Opportunities in Financial and Securities Market, organised by Department of management, Yogi Vemana University, YSR Kadapa, Andhra Pradesh on 12.08.2022.

- All the Research Forum students are participated National Seminar on Understanding the commodity and Derivatives Market conducted by Department of B. Com (CA), Sacred Heart College, Tirupattur on 27.09.2022.

- Our Research Forum Students are participated SPECIAL Talk on Door of Opportunities organised by Department of B. Com (CA), Sacred Heart College, Tirupattur on 02.09.2022.

- Eight of Our Research Forum students are attended, state level Webinar on Motivation and Personality Development Skills organised by Marudhar Kesari Jain College for Women, Vaniyambadi on 29.10.2022.

Sacred Heart College (Autonomous) Tirupattur, Tirupattur Dt - 635601

Research Forum - B.Com (CA) (SHIFT - II)

Annual Plan for the Academic Year 2022 - 2023

Staff In-charge: Dr.D.Valarmathi

S.No	Month	Programmes
1	August	Inauguration of Research Forum
2	August	Research forum students meet & Discussion on Research forum importance, objectives
3	September	Invited talk about Research methods Discussion on Current Issues Identify their interested area of Research and Selecting research topic Attending conferences, seminar, workshops
4	October	Explain about primary and secondary data sources
5	October	Discuss about Preparation of questionnaire
6	November	Attending conferences, seminar, workshops and encouraging students to write Articles and Research papers
7	December	Invited talk on analyzing the data collection by using different types of tools
8	January	Attending conferences, seminar, workshops
9	February	Invited Talk on Report writing
10	March	Evaluation of Research Forum activities

Department of B.Com (CA) - Shift-II (2022-2023)

Coordinator: Name: Dr.D.Valarmathi

Mobile No : 9344143262

E-mail : valarmathi@shcpt.edu

Student Name List:

Class: Second Year

SI. No.	Register Number	Name
1	BU211203	ASWIN R
2	BU211206	HINDHUMATHI D
3	BU211208	JON RESLINE A
4	BU211217	PRIYADHARSHINI S
5	BU211226	SAMIHA S
6	BU211229	TAMIZHAN K
7	BU211236	VAISHNAVI DEVI S
8	BU211240	SANTHIYA R
9	BU211256	PREETHA K
10	BU211276	SOMESHWARAN R

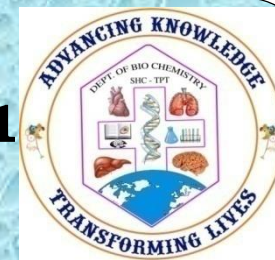
Class: Third Year

Sl. No	Register Number	Name
1	BU201210	PAVITHRA A
2	BU201212	KAVIYA A
3	BU201216	LOURDU SAMY S
4	BU201222	NARESHKUMAR S
5	BU201232	GAYATHRI N
6	BU201245	GOKUL A
7	BU201246	GOKUL S J
8	BU201257	YAMUNADEVI M
9	BU201261	VINOTHINI N
10	BU201266	THIRUMALAI S



**SACRED HEART COLLEGE (AUTONOMOUS)
TIRUPATTUR (VELLORE DISTRICT) – 635 601**

**PG AND RESEARCH DEPARTMENT OF
BIOCHEMISTRY**



RESEARCH FORUM - ANNUAL PLAN 2022 – 2023

President

Dr.K.Prabu

Assistant Professor

Secretary

Mr. JUMAIL AHAMED .R

II M.Sc Biochemistry

Joint Secretary

Mr. SOUNDAR .D

III B.Sc Biochemistry

NAME LISTS OF STUDENT- RESEARCH FORUM

S.NO	REG.NO	NAME OF THE STUDENT	CLASS
1.	BP210901	BUVANESHWARAN A	II M.Sc Biochemistry
2.	BP210902	JUMAIL AHAMED R	II M.Sc Biochemistry
3.	BP210903	ARUNKUMAR A	II M.Sc Biochemistry
4.	BP210904	SRIDEVI C	II M.Sc Biochemistry
5.	BP210905	SURYA G	II M.Sc Biochemistry
6.	BP210906	KARTHICK J	II M.Sc Biochemistry
7.	BP210907	PRASANTH P	II M.Sc Biochemistry
8.	BP210908	KARMUGIL S	II M.Sc Biochemistry
9.	BP210909	GOWTHAM S K	II M.Sc Biochemistry
10.	BP210910	SHYAM CHANDAR B	II M.Sc Biochemistry
11.	BP210911	LOKESH D	II M.Sc Biochemistry
12.	BP210912	RAMYABHARTHI V	II M.Sc Biochemistry
13.	BP210913	KARUNAGARAN V	II M.Sc Biochemistry
14.	BP210914	SIVA SELVA KUMAR S	II M.Sc Biochemistry
15.	BP210915	GOPINATH P	II M.Sc Biochemistry

NAME LISTS OF STUDENT- RESEARCH FORUM

S.NO	REG.NO	NAME OF THE STUDENT	CLASS
16.	BP210917	L.ANTONY	II M.Sc Biochemistry
17.	BP210918	ZAIBA FATHIMA	II M.Sc Biochemistry
18.	BP220901	SOWMIYA C	I M.Sc Biochemistry
19.	BP220902	POOJA K	I M.Sc Biochemistry
20.	BP220903	KAMATCHI T	I M.Sc Biochemistry
21.	BP220904	SANDHIYA S	I M.Sc Biochemistry
22.	BP220905	GIRIJA G	I M.Sc Biochemistry
23.	BP220906	VIJAY P	I M.Sc Biochemistry
24.	BP220907	PAVITHRA M M	I M.Sc Biochemistry
25.	BP220908	GOKUL L	I M.Sc Biochemistry
26.	BP220909	ASWIN P	I M.Sc Biochemistry
27.	BP220910	RESHMA A	I M.Sc Biochemistry
28.	BP220911	ASHWINI R	I M.Sc Biochemistry
29.	BP220912	SRIKANTHKUMAR V	I M.Sc Biochemistry
30.	BP220914	HASEENA B	I M.Sc Biochemistry

NAME LISTS OF STUDENT- RESEARCH FORUM

S.NO	REG.NO	NAME OF THE STUDENT	CLASS
31.	BP220915	LOGESHWARI B	I M.Sc Biochemistry
32.	BP220916	SUBHASHINI S K	I M.Sc Biochemistry
33.	BP220917	SUPRAJA G	I M.Sc Biochemistry
34.	BP220918	YOKESH S	I M.Sc Biochemistry
35.	BP220920	NISHANTHI D	I M.Sc Biochemistry
36.	BP220921	VIGNESH K	I M.Sc Biochemistry
37.	BP220923	DHARSHINI PRIYA B	I M.Sc Biochemistry
38.	BP220924	ARULMOZHI A	I M.Sc Biochemistry
39.	BP220926	LOKESHWARI T	I M.Sc Biochemistry
40.	BU200903	VADIVELU P	III B.Sc Biochemistry
41.	BU200906	NITHYASRI R	III B.Sc Biochemistry
42.	BU200907	BARATHAN.B	III B.Sc Biochemistry
43.	BU200910	JOTHIGA P	III B.Sc Biochemistry

NAME LISTS OF STUDENT- RESEARCH FORUM

S.NO	REG.NO	NAME OF THE STUDENT	CLASS
44.	BU200912	SOUNDAR D	III B.Sc Biochemistry
45.	BU200915	SELVAM J	III B.Sc Biochemistry
46.	BU200916	SAKTHIVEL V	III B.Sc Biochemistry
47.	BU200921	MOHAMMED SAJITH J	III B.Sc Biochemistry
48.	BU200931	RANJINI B	III B.Sc Biochemistry
49.	BU200932	THANGARAJ S	III B.Sc Biochemistry
50.	BU200937	JANANI M	III B.Sc Biochemistry
51.	BU200940	KOKILA S	III B.Sc Biochemistry
52.	BU200942	TAMIL SELVAN P	III B.Sc Biochemistry
53.	BU200947	PAVITHRA V	III B.Sc Biochemistry
54.	BU200948	SANTHIYA S	III B.Sc Biochemistry
55.	BU210902	REVANTH.S	II B.Sc Biochemistry
56.	BU210903	PUNITHA.S	II B.Sc Biochemistry
57.	BU210910	TOUSEEF.K	II B.Sc Biochemistry
58.	BU210924	ROOBINI.M	II B.Sc Biochemistry
59.	BU210928	NANDHA KUMAR.V	II B.Sc Biochemistry
60.	BU210948	AHZAM BASHA.S	II B.Sc Biochemistry
61.	BU210949	THARANI.M	II B.Sc Biochemistry

BIOCHEMISTRY RESEARCH FORUM ANNUAL PLAN 2022 - 2023

S.NO	MONTH	LIST OF PROGRAMME
1.	August 2022	“Research Forum Inauguration and proposal of Annual Plan”
2.	August 2022	Word of the Day in Biochemistry inauguration
3.	September 2022	Lecture on “NPTEL/MOOC Course”.
4.	September 2022	Campus awareness program on “Liver disease”
5.	October 2022	Competition on “Biochemistry Research based video presentation”
6.	October 2022	Special lecture on various funding agencies in India.
7.	November 2022	Campus awareness program on “Nutrition and its importance”
8.	November 2022	Lecture on “ How to Publish Paper in Scientific Journal”.
9.	January 2023	Importance of Instrumentation knowledge for Biochemist – A Special Lecture.
10.	January 2023	Awareness Programme on “Blood donation”
11.	February 2023	Special lecture on How to become an “Entrepreneur”.
12.	March 2023	Competition on “Talk On The Topic” (Instant Speech In Biochemistry).

PROGRAMME – 1

**Sacred Heart College (Autonomous), Tirupattur, Tirupattur
District**

PG & Research Department of Biochemistry

RESEARCH FORUM ASSOCIATION

Venue: Audio Visual Hall (Library)

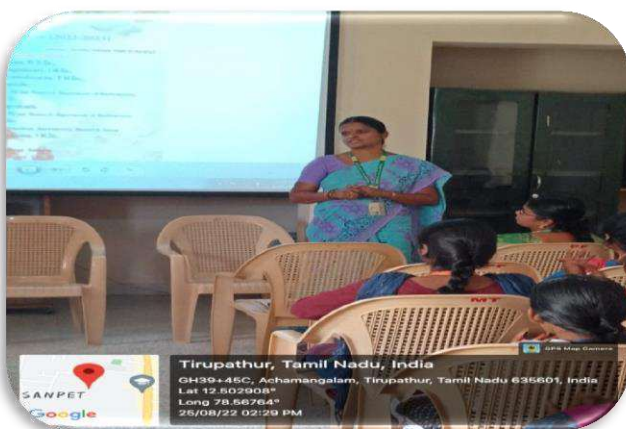
Date : 25.08.2022 (Thursday)

Time: 02.15 P.M. to 03.30 P.M.

Title : Biochemistry Research Forum inauguration

The outputs of this Programme are listed below:

- Department of Biochemistry Research Forum inaugurated for the academic year (2022-2023) on 25th August 2022 in the presence of Research Forum students.
- The inauguration event started with a prayer song and we discussed the annual plan of the biochemistry research forum.
- Welcome Address was given by Mr. A. Buvaneshwaran, II M.Sc., Biochemistry.
- Master of Ceremony was given by Miss. B. Logeshwari, I M.Sc Biochemistry
- The program was inaugurated by **Dr. A.C. Gomathi**, Assistant Professor & PG Head, and **Dr. A. Jayaprakash**, Assistant Professor &UG Head, PG, and Research Department of Biochemistry.
- Finally the Annual plan was proposal and Secretary and Joint Secretary announcement by **Dr. K. Prabu**, Research forum president.
- Vote of Thanks was given by Miss. B. Haseena, I M.Sc. Biochemistry.
- Programme was ended with College Anthem at 3.30 pm.



Research Forum inauguration Photos

PROGRAMME – 2

Sacred Heart College (Autonomous), Tirupattur, Tirupattur District

PG & Research Department of Biochemistry

RESEARCH FORUM ASSOCIATION

Venue: Audio Visual Hall (Library)

Date : 06.08.2022 (Saturday)

Time: 08.00 am

Title : “Word of the Day”

The outputs of this Programme are listed below:

- Department of Biochemistry Research Forum taken initiative to explore the biochemistry technical words in terms of “Word of the Day” throughout the August 2022.
- The word of the day program was inaugurated by UG and PG HOD of PG and research department of biochemistry.
- The program was very significant and it is utilized by all the biochemistry students.



PROGRAMME – 3

**Sacred Heart College (Autonomous), Tirupattur, Tirupattur
District**

PG & Research Department of Biochemistry

RESEARCH FORUM ASSOCIATION

Venue: Audio Visual Hall (Library)

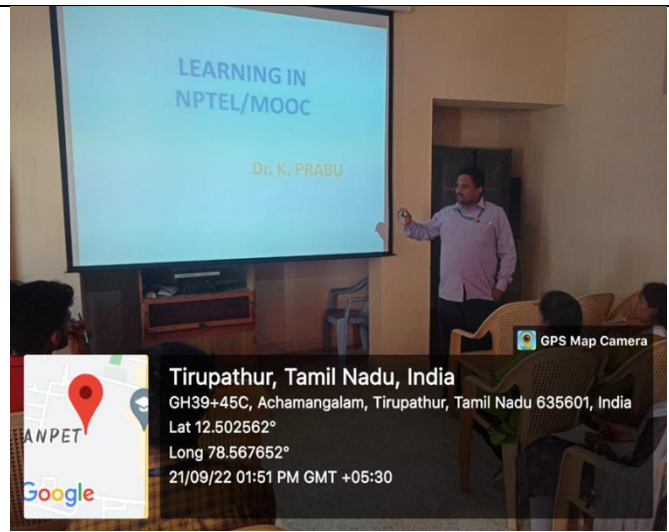
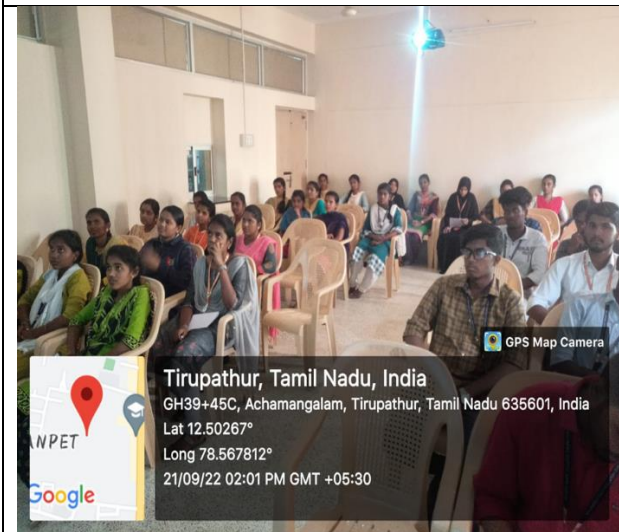
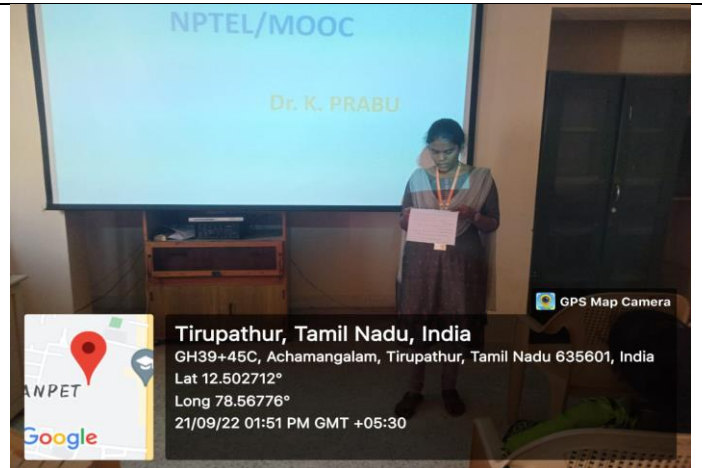
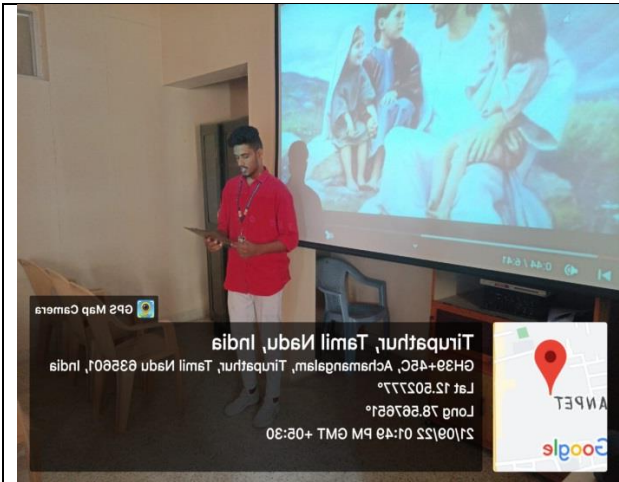
Date : 21.09.2022 (Wednesday)

Time: 01.40 P.M. to 3.00 P.M.

Title : Special Lecture in NPTEL/MOOC

The outputs of this Programme are listed below:

- Department of Biochemistry Research Forum Given by a detail lecture about online learning in NPTEL/MOOC on 21st September 2022 in the presence of Research Forum students.
- The program started presence of god with a prayer song.
- Welcome Address was given by Ms. T.Kamatchi, I M.Sc., Biochemistry.
- Master of Ceremony was given by Mr.J.Mohamed Sajith, III B.Sc Biochemistry.
- The lecture given by K.Prabu, Assistant professor in biochemistry & Research forum president. The theme for his talk was “Learning in NPTEL& MOOC .
- He shared lot of information about these courses , this courses is offered by UGC and given some credit systems for the beneficial for students studies .
- The program is useful for the sake of students’ knowledge and awareness about the online learning certificate courses.
- Vote of Thanks was given by Miss. B. Haseena, I M.Sc. Biochemistry.
- Programme was ended with College Anthem at 3.00 pm.



Research Forum Lecture Photos

PROGRAMME – 4

**Sacred Heart College (Autonomous), Tirupattur, Tirupattur
District**

PG & Research Department of Biochemistry

RESEARCH FORUM ASSOCIATION

Mode: Sacred Heart College Campus

Date : 27.09.2022

Time: 08.30 A.M. to 04.00 P.M.

Title : Awareness program on “Liver Diseases”

- Department of Biochemistry Research Forum conducted an Awareness program on “Liver Diseases” on 27.09.2022 with the support of Research Forum students.
- The Awareness program started with a prayer song.
- Display the awareness-making chart throughout our college campus for benefit of our overall college students.
- In front main gate of our college, we distributed the awareness tag in the morning from 8.00 am to 8.25 am.
- The awareness program was encouraged by our Rev. Father Dr. Maria Antony Raj, Principal, Sacred Heart College.
- Overall, the Awareness program was worthwhile to both UG and PG students of our college and Biochemistry Research Forum Students.



Awareness program on "Liver Diseases" Photos

PROGRAMME – 5

Sacred Heart College (Autonomous), Tirupattur, Tirupattur District

PG & Research Department of Biochemistry

RESEARCH FORUM ASSOCIATION

Venue: Biochemistry PG Class room

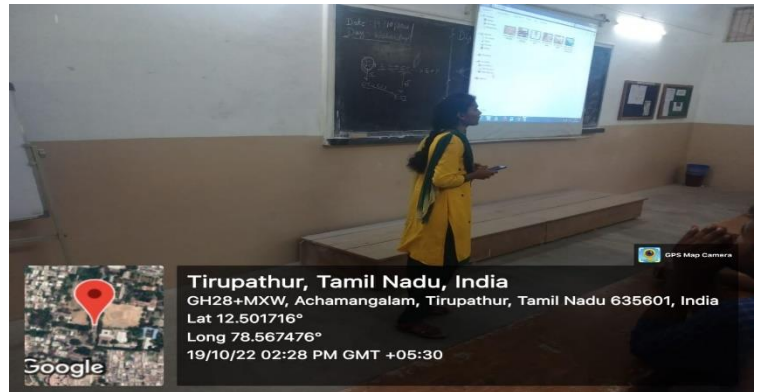
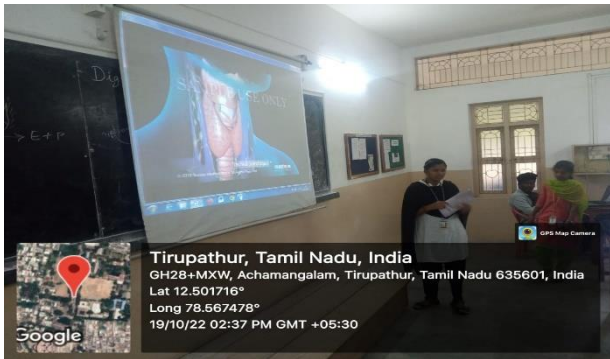
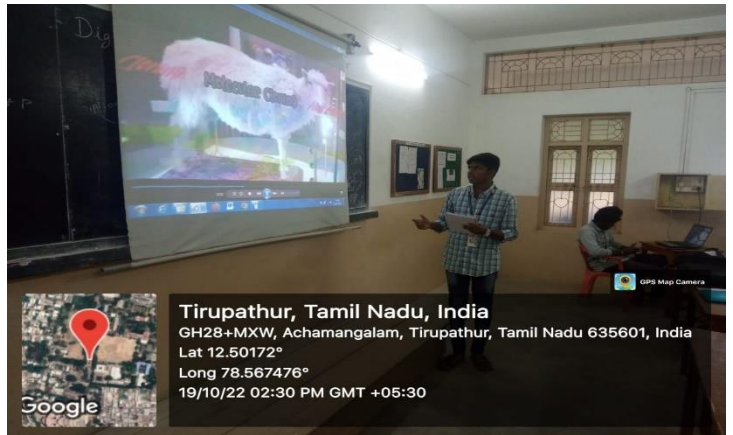
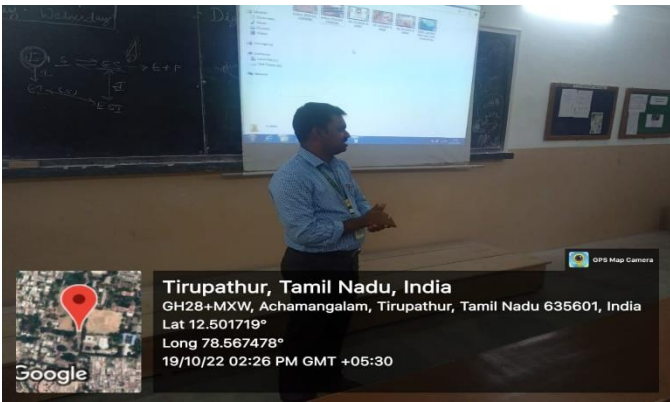
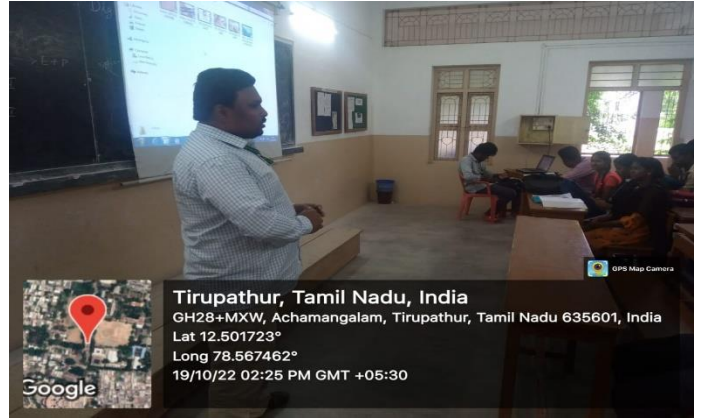
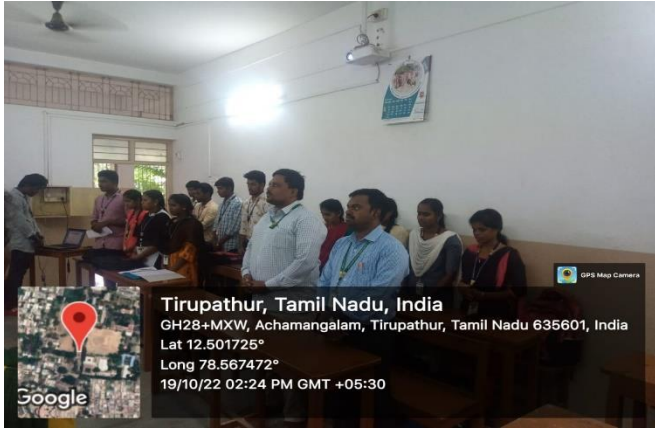
Date : 19.10.2022

Time: 2.00 P.M. to 4.00 P.M.

Title : Video competition in Biochemistry

The outputs of this Programme are listed below:

- Programme was started at 2:00 pm, with a Prayer Song.
- Master of Ceremony for the Programme was taken over by Miss. Janani, III B. Sc., Biochemistry.
- Introduction about the competition was given by Dr. K. Prabu, Research forum coordinator, Department of Biochemistry.
- The program was conducted for all the Research forum students of the biochemistry department.
- The program was judged by Dr. A. Jayaprakash, UG Head, Biochemistry.
- Vote of Thanks was given by Mr. Soundar, III B.Sc. Biochemistry.
- Programme was ended with College Anthem at 4.00 pm.



Video competition in Biochemistry Photos

SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR - 635 601,
TIRUPATTUR DISTRICT



PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

RESEARCH FORUM- ANNUAL REPORT 2022 - 2023

Staff In-charge : **Dr. K. Prabu, M.Sc., M.Phil., Ph.D.,**
Research Forum President &
Assistant Professor,
PG and Research Department of
Biochemistry,
Sacred Heart College (Autonomous),
Tirupattur – 635 601,
Tirupattur District.

Student Secretary : **Mr. JUMAIL AHAMED R (BP210902)**
II M.Sc. Biochemistry

Student Jt. Secretary : **Mr. SOUNDAR D (BU200912)**
III B.Sc. Biochemistry

BIOCHEMISTRY RESEARCH FORUM

AIMS:

- To enhance the quality of Life Science Research in the Department.
- To execute the talents of the students in Life Science Research.
- To appreciate the students to improve their research knowledge.
- To guide and give knowledge to the students for writing and applying Students Research Projects.
- To support the students in publishing Research and Review Papers.
- To improve the Communication Skills of the students along with scientific knowledge.
- To motivate the students for applying “**Online Life Science Courses**” such as NPTEL, AgMOOC and MOOC.

**SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR.
PG AND RESEARCH DEPARTMENT OF BIOCHEMISTRY****RESEARCH FORUM - ANNUAL PLAN AND ANNUAL REPORT 2022 – 2023**

Sl.	Date	Name of the Programme	Name of the Resource Person	Benefits for the Students
1	25.08.2022	Inauguration-Biochemistry Research Forum	Dr. A.C. Gomathi, PG HOD & Dr. A. Jayaprakash, UG HOD	61 Students are actively participated in the inauguration event.
2	06.08.2022	“Word of the Day”	Dr. A.C. Gomathi, PG HOD & Dr. A. Jayaprakash, UG HOD	All students. Faculty and staff of the departments.
3	21.09.2022	Special Lecture in NPTEL/MOOC Courses.	Dr. K. Prabu Assistant Professor in Biochemistry, SHC.	Students are actively participated in the event and Learned about the Importance of NPTEL/MOOC Courses.
4	27.09.2022	Awareness program on “Liver Diseases”	On Sacred Heart College Campus	All students. Faculty and staff of all the departments.
5	19.10.2022	Video competition in Biochemistry	Dr. A. Jayaprakash, UG HOD and Dr. K. Prabu	Students are actively participated in the competition.
6	04.01.2023	Special Lecture on funding agencies in India.	Dr. K. Prabu	All the research forum students benefited by the program.
7	10.01.2023	Awareness program on “Nutrition and its importance”	On Sacred Heart College Campus	All students. Faculty and staff of all the departments.
8	24.01.2023	Instrumentation Knowledge for Biochemist.	Dr. K. Prabu	All the research forum students benefited by the program.
9	21.02.2023	“BIOWINGS 2023 BOOK RELEASE”	Rev. Dr. S. John Borg	All students. Faculty and staff of all the departments.

PROGRAMME - 1

Sacred Heart College (Autonomous), Tirupattur, Tirupattur District

PG & Research Department of Biochemistry

RESEARCH FORUM ASSOCIATION

Venue: Audio Visual Hall (Library)

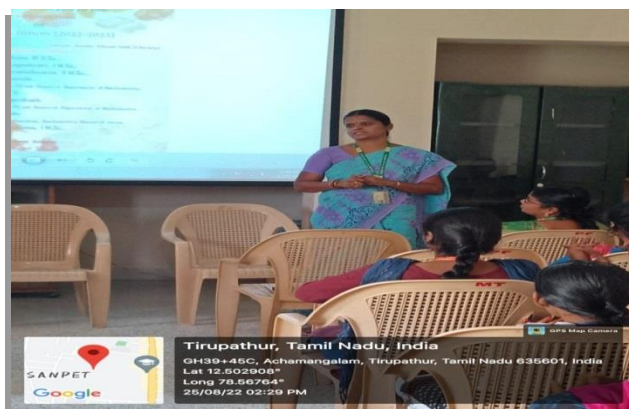
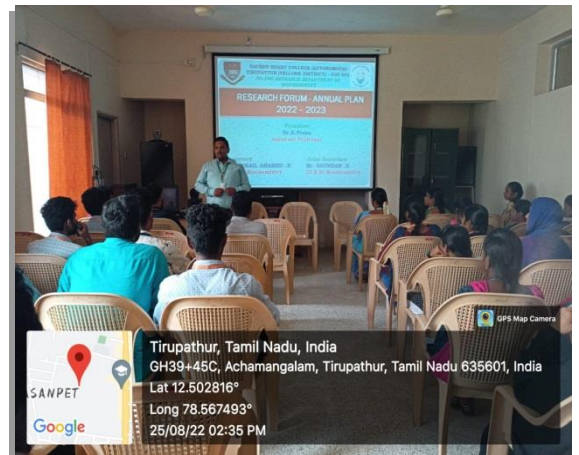
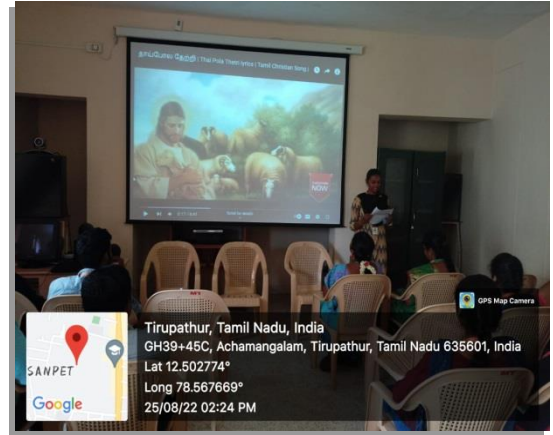
Date : 25.08.2022 (Thursday)

Time: 02.15 P.M. to 03.30 P.M.

Title : Biochemistry Research Forum inauguration

The outputs of this Programme are listed below:

- Department of Biochemistry Research Forum inaugurated for the academic year (2022-2023) on 25th August 2022 in the presence of Research Forum students.
- The inauguration event started with a prayer song and we discussed the annual plan of the biochemistry research forum.
- Welcome Address was given by Mr. A. Buvaneshwaran, II M.Sc., Biochemistry.
- Master of Ceremony was given by Miss. B. Logeshwari, I M.Sc Biochemistry
- The program was inaugurated by **Dr. A.C. Gomathi**, Assistant Professor & PG Head, and **Dr. A. Jayaprakash**, Assistant Professor &UG Head, PG, and Research Department of Biochemistry.
- Finally the Annual plan was proposal and Secretary and Joint Secretary announcement by **Dr. K. Prabu**, Research forum president.
- Vote of Thanks was given by Miss. B. Haseena, I M.Sc. Biochemistry.
- Programme was ended with College Anthem at 3.30 pm.



Research Forum inauguration Photos

Department of Biochemistry, Sacred Heart College (Autonomous), Tirupattur.

PROGRAMME – 2

Sacred Heart College (Autonomous), Tirupattur, Tirupattur District

PG & Research Department of Biochemistry

RESEARCH FORUM ASSOCIATION

Venue: Audio Visual Hall (Library)

Date : 06.08.2022 (Saturday)

Time: 08.00 am

Title : “Word of the Day”

The outputs of this Programme are listed below:

- Department of Biochemistry Research Forum taken initiative to explore the biochemistry technical words in terms of “Word of the Day” throughout the August 2022.
- The word of the day program was inaugurated by UG and PG HOD of PG and research department of biochemistry.
- The program was very significant and it is utilized by all the biochemistry students.



PROGRAMME – 3

Sacred Heart College (Autonomous), Tirupattur, Tirupattur District

PG & Research Department of Biochemistry

RESEARCH FORUM ASSOCIATION

Venue: Audio Visual Hall (Library)

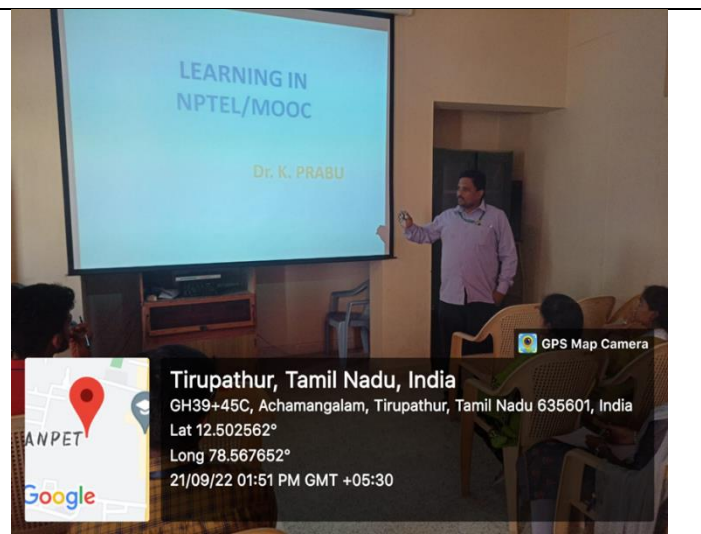
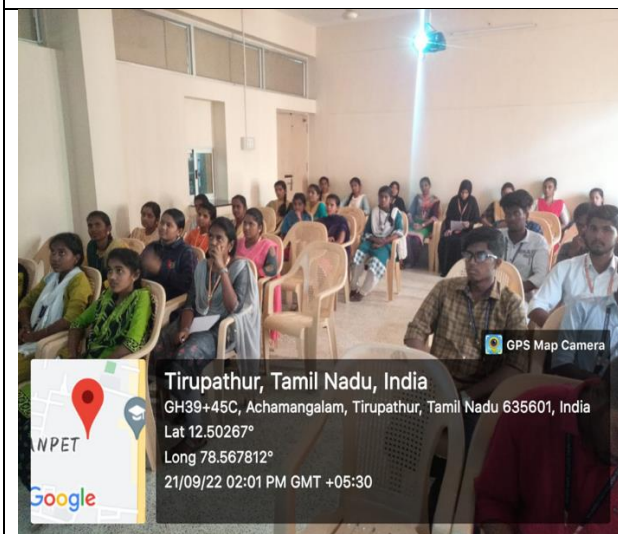
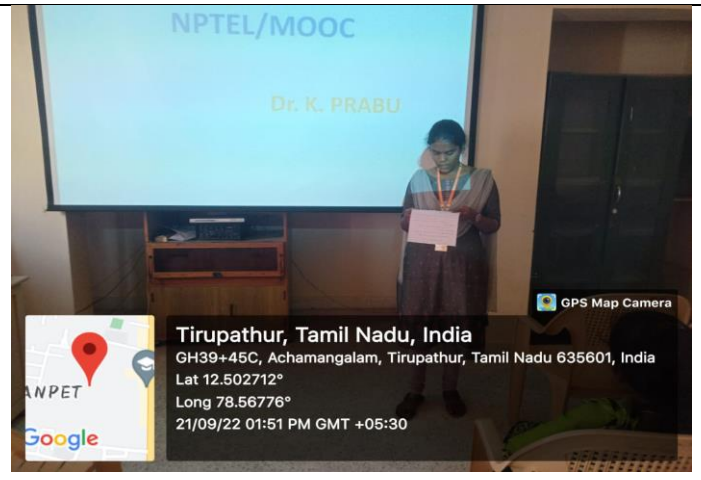
Date : 21.09.2022 (Wednesday)

Time: 01.40 P.M. to 3.00 P.M.

Title : Special Lecture in NPTEL/MOOC

The outputs of this Programme are listed below:

- Department of Biochemistry Research Forum Given by a detail lecture about online learning in NPTEL/MOOC on 21st September 2022 in the presence of Research Forum students.
- The program started presence of god with a prayer song.
- Welcome Address was given by Ms. T.Kamatchi, I M.Sc., Biochemistry.
- Master of Ceremony was given by Mr.J.Mohamed Sajith, III B.Sc Biochemistry.
- The lecture given by K.Prabu, Assistant professor in biochemistry & Research forum president. The theme for his talk was “Learning in NPTEL& MOOC .
- He shared lot of information about these courses , this courses is offered by UGC and given some credit systems for the beneficial for students studies .
- The program is useful for the sake of students’ knowledge and awareness about the online learning certificate courses.
- Vote of Thanks was given by Miss. B. Haseena, I M.Sc. Biochemistry.
- Programme was ended with College Anthem at 3.00 pm.



Research Forum Lecture Photos

PROGRAMME – 4

Sacred Heart College (Autonomous), Tirupattur, Tirupattur District

PG & Research Department of Biochemistry

RESEARCH FORUM ASSOCIATION

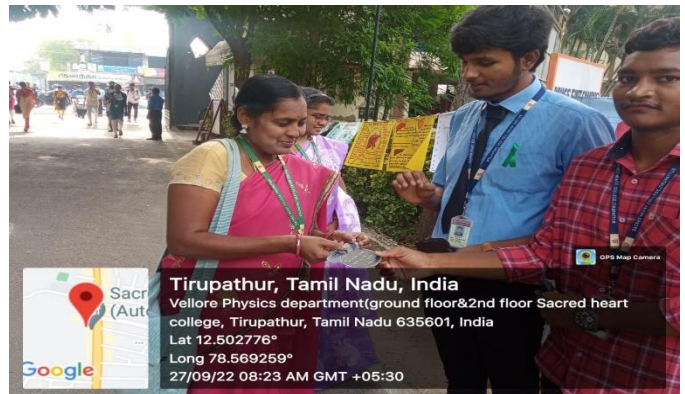
Mode: Sacred Heart College Campus

Date : 27.09.2022

Time: 08.30 A.M. to 04.00 P.M.

Title : Awareness program on “Liver Diseases”

- Department of Biochemistry Research Forum conducted an Awareness program on “Liver Diseases” on 27.09.2022 with the support of Research Forum students.
- The Awareness program started with a prayer song.
- Display the awareness-making chart throughout our college campus for benefit of our overall college students.
- In front main gate of our college, we distributed the awareness tag in the morning from 8.00 am to 8.25 am.
- The awareness program was encouraged by our Rev. Father Dr. Maria Antony Raj, Principal, Sacred Heart College.
- Overall, the Awareness program was worthwhile to both UG and PG students of our college and Biochemistry Research Forum Students.



Awareness program on “Liver Diseases” Photos

Department of Biochemistry, Sacred Heart College (Autonomous), Tirupattur.

PROGRAMME – 5

Sacred Heart College (Autonomous), Tirupattur, Tirupattur District

PG & Research Department of Biochemistry

RESEARCH FORUM ASSOCIATION

Venue: Biochemistry PG Class room

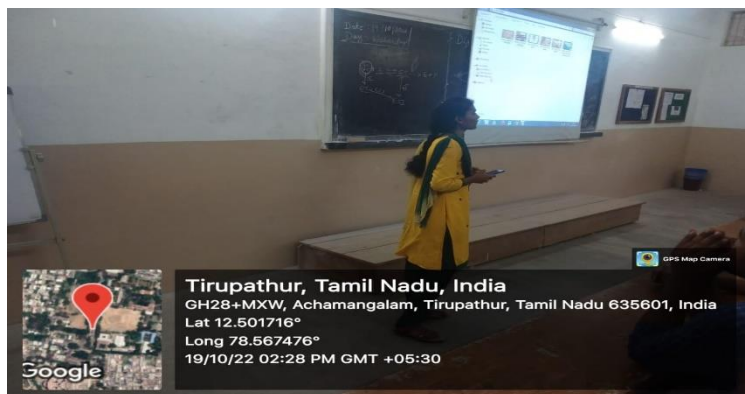
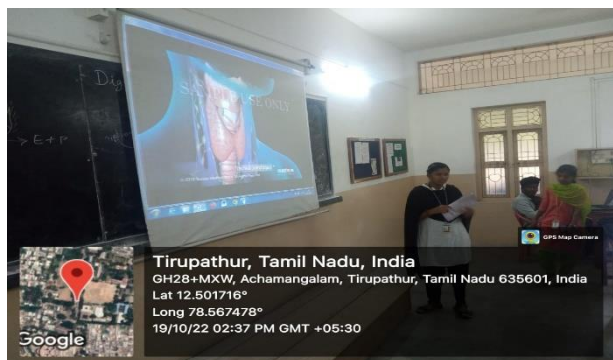
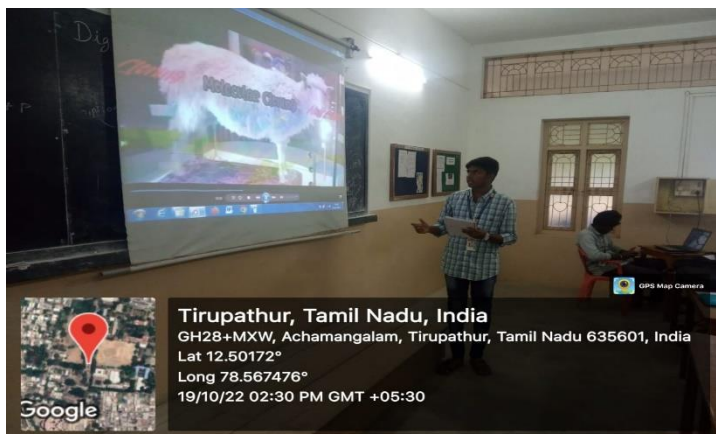
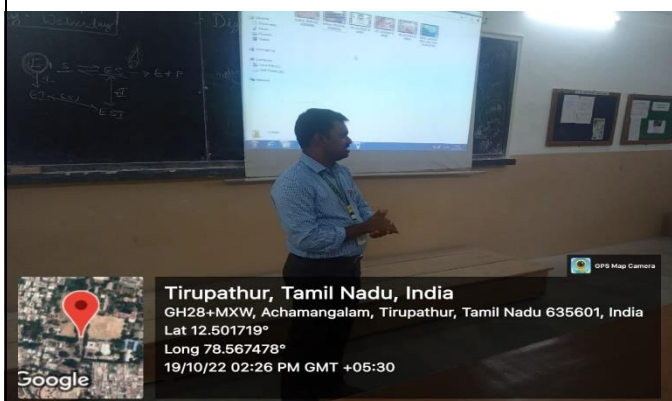
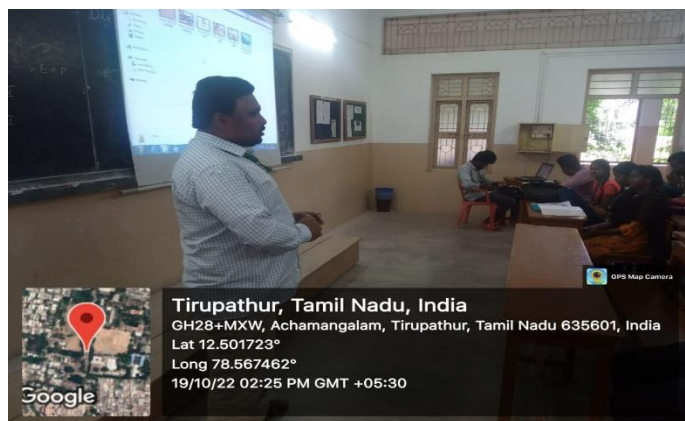
Date : 19.10.2022

Time: 2.00 P.M. to 4.00 P.M.

Title : Video competition in Biochemistry

The outputs of this Programme are listed below:

- Programme was started at 2:00 pm, with a Prayer Song.
- Master of Ceremony for the Programme was taken over by Miss. Janani, III B. Sc., Biochemistry.
- Introduction about the competition was given by Dr. K. Prabu, Research forum coordinator, Department of Biochemistry.
- The program was conducted for all the Research forum students of the biochemistry department.
- The program was judged by Dr. A. Jayaprakash, UG Head, Biochemistry.
- Vote of Thanks was given by Mr. Soundar, III B.Sc. Biochemistry.
- Programme was ended with College Anthem at 4.00 pm.



Video competition in Biochemistry Photos

PROGRAMME – 6

Sacred Heart College (Autonomous), Tirupattur, Tirupattur District

PG & Research Department of Biochemistry

RESEARCH FORUM ASSOCIATION

Venue: Audio Visual Hall (Library)

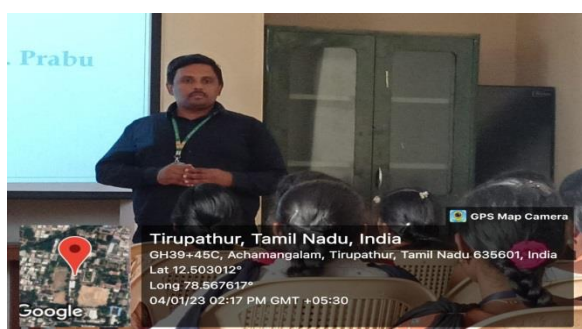
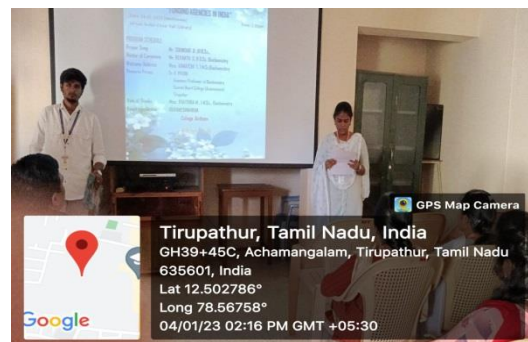
Date : 04.01.2023 (Wednesday)

Time: 02.00 P.M. to 3.30 P.M.

Title : Special Lecture on funding agencies in India.

The outputs of this Programme are listed below:

- Department of Biochemistry Research Forum Given by a detail lecture about funding agencies in India on 4th January 2023 in the presence of Research Forum students.
- The program started presence of god with a prayer song.
- Welcome Address was given by Ms. T.Kamatchi, I M.Sc., Biochemistry.
- Master of Ceremony was given by Mr. S. Revanth, II B.Sc Biochemistry.
- The lecture given by K.Prabu, Assistant professor in biochemistry & Research forum president. The theme for his talk was “various funding agencies in India”.
- The program is useful for the sake of students’ knowledge and awareness about the various funding agencies in India.
- Vote of Thanks was given by Miss. M. Pavithra, I M.Sc. Biochemistry.
- Programme was ended with College Anthem at 3.30 pm.



Figs. Research Forum Special Lecture On Funding Agencies In India.

PROGRAMME – 7

Sacred Heart College (Autonomous), Tirupattur, Tirupattur District

PG & Research Department of Biochemistry

RESEARCH FORUM ASSOCIATION

Mode: Sacred Heart College Campus

Date : 10.01.2023

Time: 08.30 A.M. to 04.00 P.M.

Title : Awareness program on “Nutrition and its importance”

- Department of Biochemistry Research Forum conducted an Awareness program on **“Nutrition and its importance”** on 10.01.2023 with the support of Research Forum students.
- The Awareness program started with a prayer song.
- Display the awareness-making chart throughout our college campus for benefit of our overall college students.
- In front main gate of our college, we distributed the awareness tag in the morning from 8.00 am to 8.25 am.
- The awareness program was encouraged by our Rev. Father Dr. Maria Antony Raj, Principal, Sacred Heart College.
- Overall, the Awareness program was worthwhile to both UG and PG students of our college and Biochemistry Research Forum Students.



Figure: Awareness program on “Nutrition and its importance”

PROGRAMME – 8

Sacred Heart College (Autonomous), Tirupattur, Tirupattur District

PG & Research Department of Biochemistry

RESEARCH FORUM ASSOCIATION

Venue: Audio Visual Hall (Library)

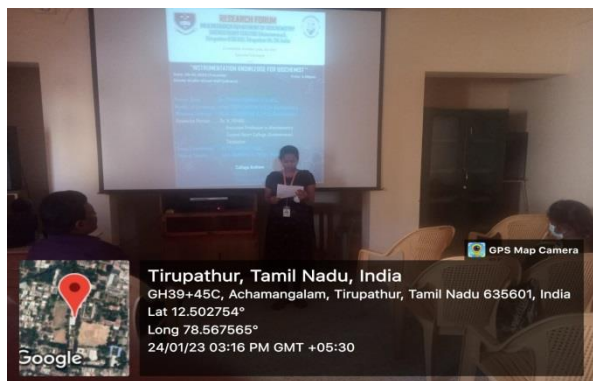
Date : 24.01.2023 (Tuesday)

Time: 02.00 P.M. to 4.00 P.M.

Title : Instrumentation Knowledge for Biochemist.

The outputs of this Programme are listed below:

- Department of Biochemistry Research Forum Given by a detail lecture about Instrumentation Knowledge for Biochemist on 24th January 2023 in the presence of Research Forum students.
- The program started presence of god with a prayer song.
- Welcome Address was given by Ms. T. Zaiba Fathima, II M.Sc., Biochemistry.
- Master of Ceremony was given by Ms. Girija, I M.Sc Biochemistry.
- The lecture given by K.Prabu, Assistant professor in biochemistry & Research forum president. The theme for his talk was “Instrumentation Knowledge for Biochemist”.
- The program is useful for the sake of students’ knowledge and awareness about Instrumentations Knowledge.
- Vote of Thanks was given by Miss. M. Pavithra, I M.Sc. Biochemistry.
- Programme was ended with College Anthem at 4.00 pm.



Figs. Research Forum Special Lecture on Instrumentation Knowledge for Biochemist

Department of Biochemistry, Sacred Heart College (Autonomous), Tirupattur.

PROGRAMME - 9

Sacred Heart College (Autonomous), Tirupattur, Tirupattur District

PG & Research Department of Biochemistry

RESEARCH FORUM ASSOCIATION

Mode: Sacred Heart College Campus

Date : 21.02.2023

Venue: Carreno Hall

Time: 09.30 A.M. to 10.30 P.M.

Title : “BIOWINGS 2023 BOOK RELEASE”

- Department of Biochemistry Research Forum release “Biowings 2023” Annual Book on 21.02.2023 with the support of Research Forum students.
- The program started with a prayer song
- The book was released in Biozone 2023 National conference in the presence of Rev. Dr. S. John Borg, Controller of Examinations, Dr. S.R. Xavier Rajarathinam, Resource persons of Biozone, UG, PG HOD and faculty members along with Research forum president.
- The Biozone 2023 was released with ISBN number with the contribution of articles from research forum students.



FIGURE: “BIOWINGS 2023” ANNUAL BOOK RELEASE



SACRED HEART COLLEGE (Autonomous),

Tirupattur - 635 601, Tirupattur Dist., Tamil Nadu, India
Accredited by NAAC (4th Cycle - under RAF) with CGPA of 3.31/4 at
'A+' Grade, Affiliated to Thiruvalluvar University

RESEARCH FORUM P.G. & RESEARCH DEPARTMENT OF CHEMISTRY LIST OF ACTIVITIES (2022-2023)

**Dr. M. Nahren Manuel (Shift I)
(Coordinator)**

Special Lecture on Quantum Chemistry

Venue: AV Room (Library)

Date: 19-20 Oct. 2022

Time: 2.15-3.30 pm

RESOURCE PERSON: Dr. Vijay Solomon, Assistant Professor, Department of Chemistry, Madras Christian College, Chennai

The lectures covered the following topics in quantum chemistry:

1. Particle in a 1D box
2. Particle in a 3D box

Dr. Vijay started with a brief overview of QM. Later he elaborated on the steps involved to set-up the problem of a particle in a 1D box and how one can solve the problem to arrive at the value of energy. On the second day of the lecture he solved some problems related to the 1D box. He later listed the steps involved in solving the problem of a particle in a 3D box. He also elaborated on some problems related to the topic and discussed the concept of degeneracy. The students participated enthusiastically.



Annual Research Forum Report (2022-2023)

Department of Chemistry (Shift –II)

Activities conducted

S. No	Date	Programmes	Responsible Person
1.	17/08/2022	Research Forum Inauguration	Staff Incharge & Students
2.	11/10/2022	General meeting	Dr. R. S. Diana Sangeetha
3.	17/10/2022	MCQ test	Students
4.	19/01/2023	Advanced Materials for energy storage applications	Dr. Balaji Sambandam, senior Researcher, NBL, Chonnam National University, South korea
5.	14.03.2023	How to write research proposal	Dr. G. Prakash
6.	18.03.2023	Recent Techniques in electrochemistry	Dr. R. S. Diana Sangeetha

Annual Research Forum Report (2022-2023)

Department of Chemistry (Shift –II)

Activities conducted

S. No	Date	Programmes	Responsible Person
1.	17/08/2022	Research Forum Inauguration	Staff Incharge & Students
2.	11/10/2022	General meeting	Dr. R. S. Diana Sangeetha
3.	17/10/2022	MCQ test	Students
4.	19/01/2023	Advanced Materials for energy storage applications	Dr. Balaji Sambandam, senior Researcher, NBL, Chonnam National University, South Korea.
5.	14.03.2023	How to write research project proposal	Dr. G. Prakash
6.	18.03.2023	Recent Techniques in electrochemistry	Dr. R. S. Diana Sangeetha

The Research Forum Chemistry (Shift II) provide sharing and learning the latest research on chemistry and other relevant information about their carrier. The advance and highly active learners are participating in this forum. The related CSIR question for M. Sc students and JEE questions for B. Sc students are posted in weekly basis. Also, Science on truth and facts are posted frequently in order to know the advancement on chemistry.

Coordinator Name: Dr. R. S. Diana Sangeetha

Mobile no: +91-9840113349

Email: diansasangeetha@shcpt.edu

Student's Secretary – Sarath Kumar J & Supainbathamizhan P

Joint Secretary – Akash R & Balaji P

Student Members List:

S. No	Class	Register Number	Name of the Student
1	II M.Sc	BP210404	Naveen V
2		BP210407	Pavithra G

3		BP210409	Thennarasi M
4		BP210410	Sevanthi R
5		BP210411	Aravindhan V
6		BP210415	Supainbathamizhan P
7		BP210417	Balaji K
8		BP210419	Sarath Kumar J
9		BP210420	Yasmeen TH
10		BP210422	Gokula Krishnan R
11		BP210428	Priyanka D
12		BP210429	Vimala Jaqueline A
13	I M.Sc	BP220409	Boomika A
14		BP220411	Srivithya S
15		BP220427	Karthikeyan P
16	III B.Sc	BU200404	Venkatesh S
17		BU200407	Gokul K
18		BU200408	Sanjay P
19		BU200412	Sakthivel P
20		BU200416	Akash R
21		BU200423	Sharmila A
		BU200425	Surendhar S
22		BU200426	Lakshmi A
23		BU200430	Vignesh E
24		BU200435	Balaji P
25		BU200438	Dharani P
26		BU200441	Swetha S
27		BU200445	Karthikeyan M
28	II B.Sc	BU210403	Jaya Surya C
29		BU210408	Saravanan V
30		BU210410	Vigneshwar Babu B
31		BU210412	Balasubramani G

32		BU210415	Lokesh Babu N
33		BU210419	Jagathiswaran S
34		BU210428	Lavanya S
35		BU210437	Nandhini A
36		BU210448	Lokeshwaran K

1. Chemistry research forum (Shift II) had been started on 17th August 2022 with the highly active students. In this meeting the students are motivated to understanding how the properties of substances are related to their molecular structures helps chemists design new molecules and materials that have the desired properties, allows them to develop or invent new types of transformations for carrying out the syntheses of these substances, and assists in designing ways to prepare. Chemistry plays a key role in conquering diseases, solving energy problems, addressing environmental problems, providing the discoveries that lead to new industries, and developing new materials and technologies for national defense and homeland security.

2. On 11th October 2022, another general meeting was conducted through online and finalizing the activities has to be done through out the year effectively. In this meeting student's secretary and joint secretary are selected for upcoming activities. Also, the students were motivated to attend the seminars and workshop in various colleges and hands on training programme especially PG students.

The screenshot shows a Zoom meeting in progress. The main window displays a presentation slide with the following content:

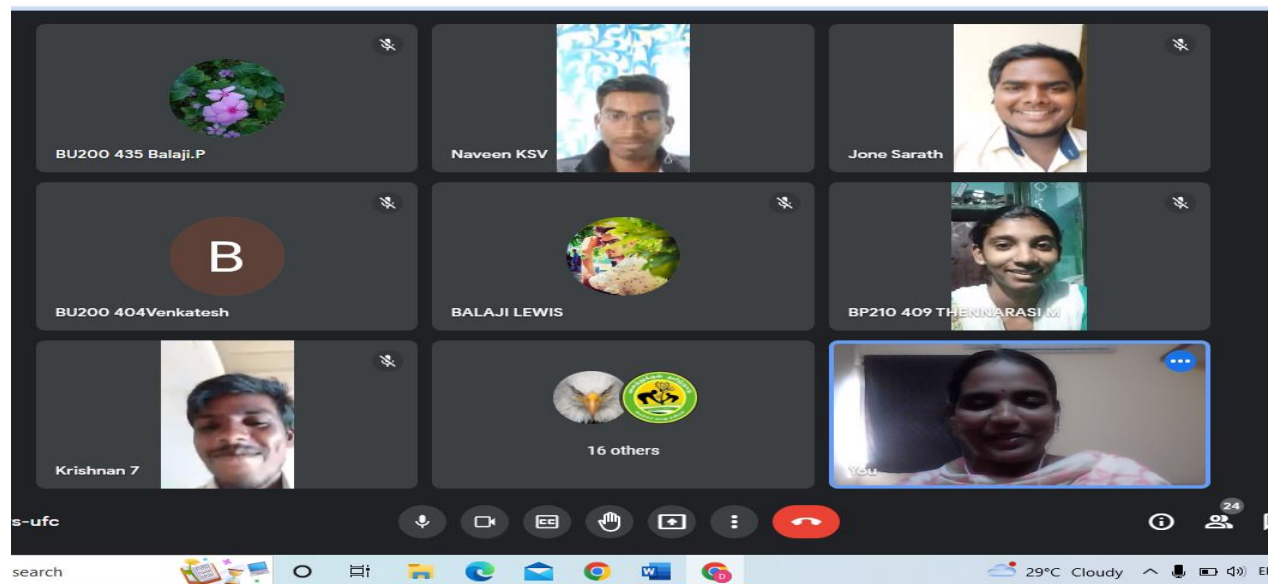
Student's Secretary - Sarath Kumar J & Sumantharaman P
 Joint Secretary - Akash R & Balaji P
 Programme to be conducted

S.NO	Programme	Proposed Date	Status	Nature of the programme
1	MOQ	11.10.2022		
2	Seminar - Paper Presentation - Nanomaterials - Composites	20.10.2022		
3	Student Seminar related to project topic	14.10.2022		
3	Model Project presentation		Semester Leave	
4	Invited Talk - About How to write project proposal			
5	Invited talk from research scholar			
6	Invited talk research scholar			

Below the slide, a notification states: "BU210 437 NANDHINI has left the meeting". A "Stop presenting" button is visible at the bottom of the slide.

The right side of the screen shows a gallery view of participants:

- Jone Sarath
- Naveen KSV
- BALAJI LEWIS
- BU200 435 Balaji.P
- BU200 404Venkatesh
- BU200 408sanjay
- 21 others
- You (highlighted)



3. On 17th October 2022, the MCQ was conducted to the B.Sc students for the preparation of JEE and M.Sc students for various competitive exam. The winners were honored on 14/03/2023 by Dr. G. Prakash with small gift.

M. Sc CHEMISTRY

Register Number	Name of the student	Total score
BP210404	Naveen.V	20.00 / 20
BP210407	Pavithra. G	17.00 / 20
BP210409	Thennarasi M	20.00 / 20
BP210411	Aravindan V	17.00 / 20
BP210415	Supainbathamizhan P	20.00 / 20
BP210417	Balaji K	16.00 / 20
BP210419	Sarath Kumar J	20.00 / 20
BP210420	Yasmeen TH	20.00 / 20
BP220409	Boomika A	19.00 / 20
BP220411	Srivithya S	19.00 / 20
BP220427	Karthikeyan p	17.00 / 20

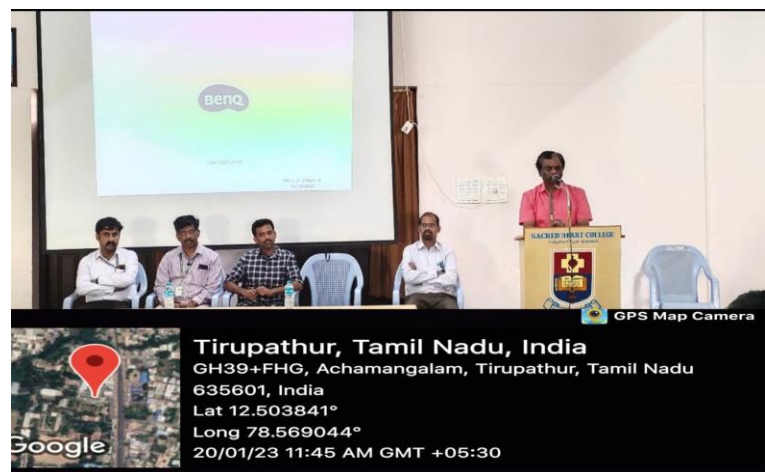
B. Sc CHEMISTRY

Register Number	Name of the student	Total score
BU200404	Venkatesh. S	15.00 / 20
BU200408	Sanjay P	14.00 / 20
BU200416	Akash.R	15.00 / 20
BU200435	P.Balaji	11.00 / 20
BU200438	Dharani P	14.00 / 20
BU200445	Karthikeyan M	11.00 / 20
BU210410	Vigneshwar babu	11.00 / 20
BU210412	Balasubramani.G	11.00 / 20
BU210415	Lokesh Babu N	16.00 / 20
BU210419	S. Jagathiswaran	19.00 / 20
BU210448	Lokeshwaran K	6.00 / 20

4. Invited talk on ‘**Advanced Materials for energy storage applications**’ was held on 19th January in the Room Number 205 John Med Block This lecture is about Advanced Materials for energy storage applications. Guest speaker Dr. Balaji Sambandam, Senior Researcher, NBL, Chonnam National University, South Korea.

He discussed the potential applications of energy storage applications and how they could revolutionize the materials industry. He made students think, what else can Advanced Materials for energy storage do? What are the challenges we are currently facing with their application? Further, he gave an in-depth scenario about the current state of Energy storage applications and their technology and their ethical implications of using them. At last, the session is opened for an open dialogue that explores all aspects of this fascinating topic. Further Dr. Balaji Sambandam encouraged each student who asked their doubts/questions. In this event all the M. Sc students and Research forum students both ethe shifts were benefitted. Then Dr. Xavier Rajarathinam, Head of the department honored the chief guest. At the end of the programme from III-BSc delivered a vote of thanks with her word of gratitude.


Event Glimpses:

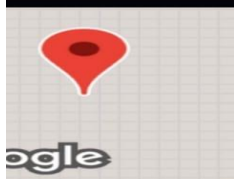


5. Invited talk on “**How to write the research project proposal**” was given by Dr. G. Prakash, Assistant professor, Department of Chemistry, Sacred Heart college. The programme was started with the prayer and Miss. Swetha from III B. Sc chemistry welcoming the gathering and the chief guest Dr. Prakash. Mr. Sarath Kumar, II M. Sc chemistry was honored the chief guest. In this lecture Dr. Prakash delivered the lecture based on the steps involved in writing the project proposal and what are all the things need to be considered elaborately. He explained with an example and interact more to the students, it was very helpful to the students and he was clarified all the doubts and queries effectively.

Finally, the winners in the MCQ test were honored with the small gift by the research forum. The Dr. Prakash was given the gift to the winners. The programme was ended fruitfully.



 **GPS Map Camera**



Tirupathur, Tamil Nadu, India

Vellore Physics department(ground floor&2nd floor Sacred heart college, Tirupathur, Tamil Nadu 635601, India

Lat 12.502824°

Long 78.568531°

21/03/23 12:01 PM GMT +05:30



 **GPS Map Camera**



Tirupathur, Tamil Nadu, India

Vellore Physics department(ground floor&2nd floor Sacred heart college, Tirupathur, Tamil Nadu 635601, India

Lat 12.502824°

Long 78.568531°

21/03/23 12:01 PM GMT +05:30



 GPS Map Camera



Tirupathur, Tamil Nadu, India
Vellore Physics department(ground floor&2nd floor Sacred
heart college, Tirupathur, Tamil Nadu 635601, India
Lat 12.502824°
Long 78.568531°
21/03/23 12:01 PM GMT +05:30



 GPS Map Camera

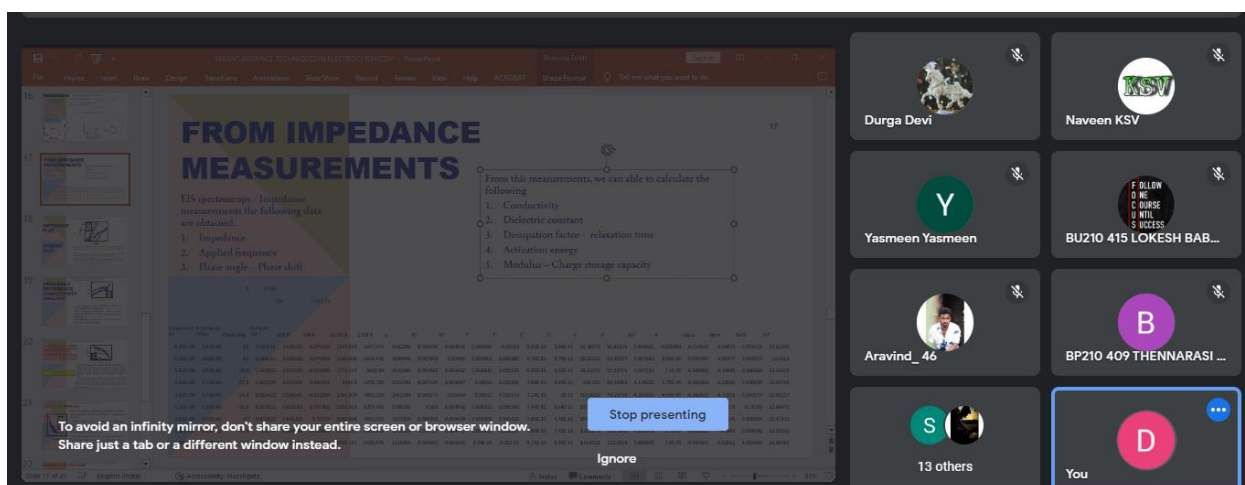
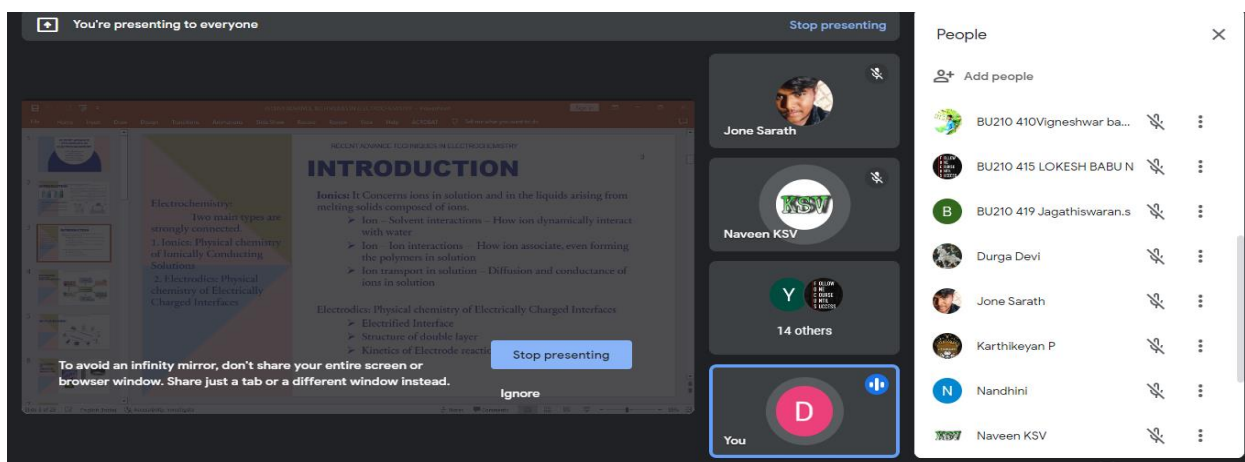


Tirupathur, Tamil Nadu, India
Vellore Physics department(ground floor&2nd floor Sacred
heart college, Tirupathur, Tamil Nadu 635601, India
Lat 12.502824°
Long 78.568531°
21/03/23 12:01 PM GMT +05:30

6. Talk on **Recent Techniques in Electrochemistry** was held on 18th March in online through Google meet. This lecture is by Dr. R. S. DIANA SANGEETHA, Department of Chemistry, Sacred Heart College. This lecture is about present research techniques in Electrochemistry there uses in the world like batteries, technologies based on electrochemistry there are many applications like sensors etc... Followed by she explained how the Impedance spectroscopy works and what are all the uses.

Further she explained in-depth scenario about the electrochemistry, without electrochemistry world can't work. At last, the session is opened for the doubts/ questions.

EVENT GLIMPSES:



Some of the PG students are encouraged to attend the various intercollegiate seminar, competition and paper presentation.

Sarath Kumar J (II M.Sc), was attended the National Level webinar on “Frontiers in Functional materials on 11th October 2022, in Marudhar Kesari Jain College for Women, Vaniyambadi. Naveen V (II M.Sc) atended national level seminar on Analytical method development and validation by Islamiah College, Vaniyambadi. Few M.Sc students were attended the seminar conducted by Department of Physics, Sacred Heart College (Autonomous) Tirupattur on the topic of National Conference on “Advances in Materials Research” in 30th September. Attended and won the gold and siver medal in various competetion conducted at Department of Chemistry, Periyar University on 21st febraury 2023. Presented a paper titled on Extraction of Momordic Charantia using HPLC – PDA in Polymera & Effervescence’23 on 10th and 11th March 2023 at Department of Chemistry, College of Engineering, Anna University Chennai, by mr. Naveen and Miss. Thennarasi, II M.Sc Students.

Annual Research Forum Report (2022-2023) ODD SEM

Department of Chemistry (Shift –II)

The Research Forum Chemistry (Shift II) provide sharing and learning the latest research on chemistry and other relevant information about their carrier. The advance and highly active learners are participating in this forum. The related CSIR question for M. Sc students and JEE questions for B. Sc students are posted in weekly basis. Also, Science on truth and facts are posted frequently in order to know the advancement on chemistry.

Coordinator Name: Dr. R. S. Diana Sangeetha

Mobile no: +91-9840113349

Email: diansasangeetha@shctpt.edu

Student's Secretary – Sarath Kumar J & Supainbathamizhan P

Joint Secretary – Akash R & Balaji P

Student Members List:

S. No	Class	Register Number	Name of the Student
1	II M.Sc	BP210404	Naveen V
2		BP210407	Pavithra G
3		BP210409	Thennarasi M
4		BP210410	Sevanthi R
5		BP210411	Aravindhan V
6		BP210415	Supainbathamizhan P
7		BP210417	Balaji K
8		BP210419	Sarath Kumar J
9		BP210420	Yasmeen TH
10		BP210422	Gokula Krishnan R
11		BP210428	Priyanka D
12		BP210429	Vimala Jaqueline A

13	I M.Sc	BP220409	Boomika A
14		BP220411	Srivithya S
15		BP220427	Karthikeyan P
16	III B.Sc	BU200404	Venkatesh S
17		BU200407	Gokul K
18		BU200408	Sanjay P
19		BU200412	Sakthivel P
20		BU200416	Akash R
21		BU200423	Sharmila A
		BU200425	Surendhar S
22		BU200426	Lakshmi A
23		BU200430	Vignesh E
24		BU200435	Balaji P
25		BU200438	Dharani P
26		BU200441	Swetha S
27		BU200445	Karthikeyan M
28	II B.Sc	BU210403	Jaya Surya C
29		BU210408	Saravanan V
30		BU210410	Vigneshwar Babu B
31		BU210412	Balasubramani G
32		BU210415	Lokesh Babu N
33		BU210419	Jagathiswaran S
34		BU210428	Lavanya S
35		BU210437	Nandhini A

36		BU210448	Lokeshwaran K
----	--	----------	---------------

Activities conducted in odd semester:

Chemistry research forum (Shift II) had been started on 17th August 2022 with the highly active students. In this meeting the students are motivated to understanding how the properties of substances are related to their molecular structures helps chemists design new molecules and materials that have the desired properties, allows them to develop or invent new types of transformations for carrying out the syntheses of these substances, and assists in designing ways to prepare. Chemistry plays a key role in conquering diseases, solving energy problems, addressing environmental problems, providing the discoveries that lead to new industries, and developing new materials and technologies for national defense and homeland security.

On 11th October 2022, another general meeting was conducted through online and finalizing the activities has to be done through out the year effectively. In this meeting student's secretary and joint secretary are selected for upcoming activities. Also, the students were motivated to attend the seminars and workshop in various colleges and hands on training programme especially PG students.

The screenshot shows a Zoom meeting in progress. The main window displays a presentation slide with the following content:

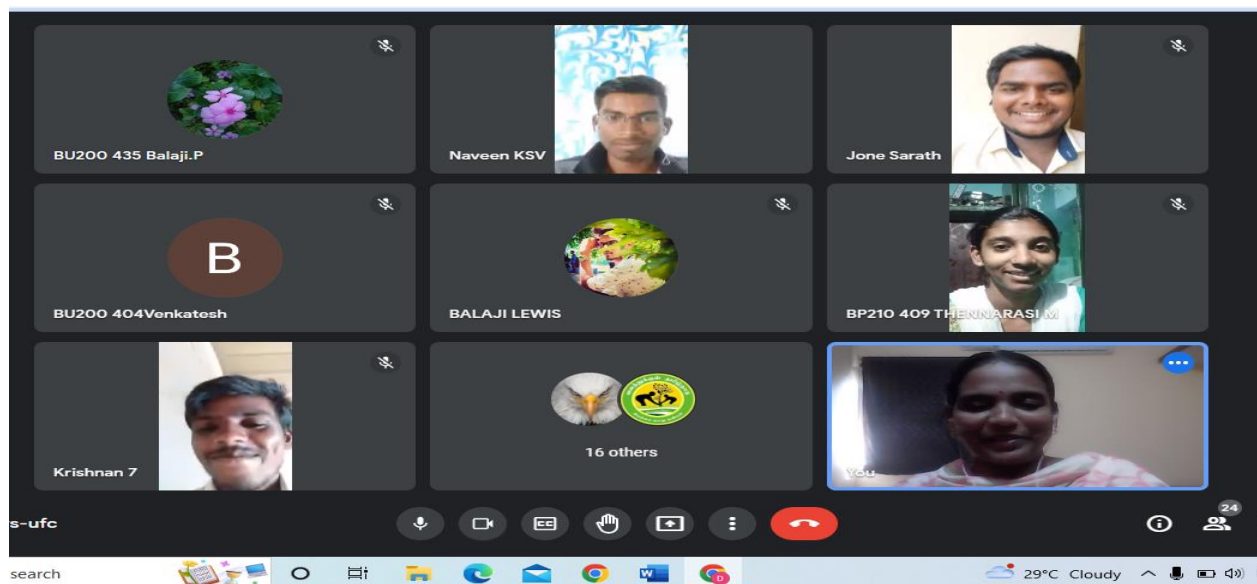
Student's Secretary - Sarath Kumar J & Sumantharaman P
 Joint Secretary - Akash R & Balaji P
 Programme to be conducted:

S. NO	Programme	Proposed Date	Status	Nature of the programme
1	MCQ	17.10.2022		
2	Seminar - Paper Presentation - Nanomaterials - Composites	20.10.2022		
	Student Seminar related to project topic	14.10.2022	Naveen, sara and sarath	
3	Model / Project presentation	Semester Leave		
4	Invited Talk - Akash How to write project proposal			
5	Invited talk from research scholar			
6	Invited Talk research			

Below the slide, a notification states: "BU210 437 NANDHINI has left the meeting". A "Stop presenting" button is visible at the bottom of the slide area.

The gallery view on the right shows several participants:

- Jone Sarath
- Naveen KSV
- BALAJI LEWIS
- BU200 435 Balaji.P
- BU200 404Venkatesh
- BU200 408sanjay
- 21 others
- You



Sarath Kumar J (II M.Sc), was attended the National Level webinar on “Frontiers in Functional materials on 11th October 2022, in Marudhar Kesari Jain College for Women, Vaniyambadi. Few M.Sc students were attended the seminar conducted by Department of Physics, Sacred Heart College (Autonomous) Tirupattur on the topic of National Conference on “Advances in Materials Research” in 30th September. On 17th October 2022, the MCQ was conducted to the B.Sc students for the preparation of JEE.

SACRED HEART COLLEGE

(Autonomous)

Tirupattur, Vellore Dist. 635 601

Affiliated to Thiruvalluvar University

Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.31/4 at 'A+' Grade



RESEARCH FORUM – MIDTERM REVIEW

ACADEMIC YEAR 2022 – 2023



DEPARTMENT OF COMMERCE

(SHIFT I)

SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR

Department of Commerce (Shift I)

Research Forum Midterm Review - Academic Year 2022 – 2023

The Department of Commerce (Shift I) has active Research Forum, which keeps on recharging the advanced learners with activities and programme led by the members of the student research forum. This forum allows the student members to be involved in all aspects of planning and executing the programmes / seminars organized in the department and also to encouraging the fellow students to participate in intra-collegiate and inter-collegiate competitions. The forum functioning under an elected office bearers consisting of Secretary **Mr. K. T. Rakhul Kumar** (III B Com) and Joint Secretary **Mr. A. Mozhivannan** (III B Com) and student members along with Research Forum Coordinator Dr. S. Hariharan (Staff In-charge) for the Academic Year 2022-23. The students for the research forum were selected by their research / skill aptitude interview and interest. The following students are selected for the Academic Year 2022-2023.

S. No	Reg. No	Name
1.	AU200111	Uma Priya
2.	AU200125	Abinisha
3.	AU200174	Gomathi
4.	AU200142	Syed Abdul Kalam
5.	AU200148	Mozhivannan
6.	AU200170	Rakhul Kumar
7.	AU200136	Baskar
8.	AU200160	Jacob Joise
9.	AU200119	Dravid Mutharasan
10.	AU200163	Thomas Alwa Edison
11.	AU200147	Rayman Silva
12.	AU200112	Dinesh
13.	AU200101	Bharathwaj
14.	AU200138	Deva Sudhandiran
15.	AU210133	Angelin Maria
16.	AU210163	Thahira
17.	AU210158	Srinithi
18.	AU210155	Hemalatha
19.	AU210135	Sherine Jeshveena

20.	AU210113	Swetha
21.	AU210149	Surendhar
22.	AU210167	Vijay Kumar
23.	AU210101	Godson Kalaiyarasu
24.	AU210123	Arul Jervin
25.	AU210116	Hendry Vincent Daniel
26.	AU210151	Madhan

Activities Organised

1. Introductory Course

The introductory course was conducted for the Research forum students on 11th August 2022 in the Department Research Room at 2.30 p.m. Dr. S. Hariharan, Staff Coordinator, stated the importance of the research forum for undergraduate students to improve leadership qualities and research skills, thereby producing insightful academic research papers and enable to practice what they have learned.

2. Group Discussion on GST (28th September 2022)

The student volunteers of the research forum started the meeting by giving an orientation about the group discussion. They highlighted the different nuances of participating in a group discussion. They insisted that it is important to develop the skills of group discussion in order to get through the admission process of various management institutes. They also conducted a mock group discussion on GST for the students.

3. Guest Lecture on “Innovation and Creativity”

A guest lecture on Innovation and Creativity organized for research forum students on 12th October 2022 at 2.00 p.m. in the Department Research Room. The resource person of the workshop was Dr. D. Santhanakrishnan, Associate Professor and Head, Department of Commerce with Corporate Secretaryship, Sri Ramakrishna College of Arts and Science, Coimbatore. The resource person introduced the importance and meaning of the concepts of creativity and innovation. He cited various examples of how innovation and creativity has changed the world. He also had shown them how innovation is important in the business world.



4. Workshop on Personality Development”

Research Forum has organized a workshop on “Personality Development” on 19th October 2022 at 11.30 a.m. in MT Hall. Dr. K. A. Agalya, Assistant Professor and Head, Department of English, Sri Vasavi College, Erode was the resource person. The workshop was held exclusively for the III year research forum students to prepare them for the challenges of the future. The resource person has conducted interesting management games through which she has impressed upon the students the importance of having the right attitude, properly managing ones time and the need for communicating effectively to secure and sustain in a worthwhile job.



SACRED HEART COLLEGE (Autonomous),**Tirupattur (Tirupattur District) - 635601.**

(Affiliated to the Thiruvalluvar University, Serkkadu, Vellore)

RESEARCH FORUM ASSOCIATION

[Academic Year : 2022-23]

Department of Commerce [Students Name List]

Sl.	Course	Class	Regn. No	Name of the Student	Category	Contact No.	Signature
1	B.Com.,	2nd Year	BU210103	R. Kavipriya	Female	9080983480	
2	B.Com.,	2nd Year	BU210117	N.T. Aparna	Female	6382821826	
3	B.Com.,	2nd Year	BU210135	G. Akshant Ranka	Male	8825589649	
4	B.Com.,	2nd Year	BU210145	J. Shalini	Female	9080341497	
5	B.Com.,	2nd Year	BU210153	T. Vidhya	Female	9500562188	
6	B.Com.,	2nd Year	BU210159	V. Saran Kumar	Male	6374874556	
7	B.Com.,	2nd Year	BU210168	E. Rubin Kumar	Male	7305044568	
8	B.Com.,	2nd Year	BU210172	R. Perumal	Male	8072899382	
9	B.Com.,	3rd Year	BU200103	P. Sivanesan	Male	8639597793	
10	B.Com.,	3rd Year	BU200104	M. Kishore Kumar	Male	7010067696	
11	B.Com.,	3rd Year	BU200107	S. Kishore Kumar	Male	8940868027	
12	B.Com.,	3rd Year	BU200110	V. Pavithra	Female	9487123855	
13	B.Com.,	3rd Year	BU200113	S. Hemapadminee	Female	6382369069	
14	B.Com.,	3rd Year	BU200114	G. Surya	Male	8667606094	
15	B.Com.,	3rd Year	BU200116	J. J. Joel Alden	Male	7538811321	
16	B.Com.,	3rd Year	BU200117	A. Franklin Renin	Male	6379294331	
17	B.Com.,	3rd Year	BU200121	R. Ebenezer	Male	6369828486	
18	B.Com.,	3rd Year	BU200122	P. Diwakar	Male	8903167701	
19	B.Com.,	3rd Year	BU200130	M. Allen Rozario	Male	7708796303	
20	B.Com.,	3rd Year	BU200131	M. Soniya	Female	9385489398	

SACRED HEART COLLEGE

(Autonomous)

Tirupattur, Vellore Dist. 635 601

Affiliated to Thiruvalluvar University

Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.31/4 at 'A+' Grade



RESEARCH FORUM – ANNUAL REVIEW

ACADEMIC YEAR 2022 – 2023



DEPARTMENT OF COMMERCE

(SHIFT I)

SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR

Department of Commerce (Shift I)

Research Forum Midterm Review - Academic Year 2022 – 2023

The Department of Commerce (Shift I) has active Research Forum, which keeps on recharging the advanced learners with activities and programme led by the members of the student research forum. This forum allows the student members to be involved in all aspects of planning and executing the programmes / seminars organized in the department and also to encouraging the fellow students to participate in intra-collegiate and inter-collegiate competitions. The forum functioning under an elected office bearers consisting of Secretary **Mr. K. T. Rakhul Kumaar** (III B Com) and Joint Secretary **Mr. A. Mozhivannan** (III B Com) and student members along with Research Forum Coordinator Dr. S. Hariharan (Staff In-charge) for the Academic Year 2022-23. The students for the research forum were selected by their research / skill aptitude interview and interest. The following students are selected for the Academic Year 2022-2023.

S. No	Reg. No	Name
1.	AU200111	Uma Priya
2.	AU200125	Abinisha
3.	AU200174	Gomathi
4.	AU200142	Syed Abdul Kalam
5.	AU200148	Mozhivannan
6.	AU200170	Rakhul Kumaar
7.	AU200136	Baskar
8.	AU200160	Jacob Joise
9.	AU200119	Dravid Mutharasan
10.	AU200163	Thomas Alwa Edison
11.	AU200147	Rayman Silva
12.	AU200112	Dinesh
13.	AU200101	Bharathwaj
14.	AU200138	Deva Sudhandiran
15.	AU210133	Angelin Maria
16.	AU210163	Thahira
17.	AU210158	Srinithi
18.	AU210155	Hemalatha

19.	AU210135	Sherine Jeshveena
20.	AU210113	Swetha
21.	AU210149	Surendhar
22.	AU210167	Vijay Kumar
23.	AU210101	Godson Kalaiyarasu
24.	AU210123	Arul Jervin
25.	AU210116	Hendry Vincent Daniel
26.	AU210151	Madhan

Activities Organised

1. Introductory Course

The introductory course was conducted for the Research forum students on 11th August 2022 in the Department Research Room at 2.30 p.m. Dr. S. Hariharan, Staff Coordinator, stated the importance of the research forum for undergraduate students to improve leadership qualities and research skills, thereby producing insightful academic research papers and enable to practice what they have learned.

2. Group Discussion on GST (28th September 2022)

The student volunteers of the research forum started the meeting by giving an orientation about the group discussion. They highlighted the different nuances of participating in a group discussion. They insisted that it is important to develop the skills of group discussion in order to get through the admission process of various management institutes. They also conducted a mock group discussion on GST for the students.

3. Guest Lecture on “Innovation and Creativity”

A guest lecture on Innovation and Creativity organized for research forum students on 12th October 2022 at 2.00 p.m. in the Department Research Room. The resource person of the workshop was Dr. D. Santhanakrishnan, Associate Professor and Head, Department of Commerce with Corporate Secretaryship, Sri Ramakrishna College of Arts and Science, Coimbatore. The resource person introduced the importance and meaning of the concepts of creativity and innovation. He cited various examples of how innovation and creativity has changed the world. He also had shown them how innovation is important in the business world.



4. Workshop on Personality Development”

Research Forum has organized a workshop on “Personality Development” on 19th October 2022 at 11.30 a.m. in MT Hall. Dr. K. A. Agalya, Assistant Professor and Head, Department of English, Sri Vasavi College, Erode was the resource person. The workshop was held exclusively for the III year research forum students to prepare them for the challenges of the future. The resource person has conducted interesting management games through which she has impressed upon the students the importance of having the right attitude, properly managing ones time and the need for communicating effectively to secure and sustain in a worthwhile job.



Students' Achievement in Inter and Intra Collegiate Meet

- Following Research Forum students have participated in various events at National Level Management Meet "BLAZE and COM FEST" organized MKJC Vaniyambadi and AAC, Krishnagiri.

S No	Name of the student	Event	Place	Prize / Participation
1	Thahira S	Paper Presentation	MKJC, Vaniyambadi.	1 Prize
2	Uma Priya T	Best Manager	MKJC, Vaniyambadi.	1 Prize
3	Sanjay Sham Raj S	Quizzes with Twisties	MKJC, Vaniyambadi.	1 Prize
4	Rayman Silva S	Mind Master	MKJC, Vaniyambadi.	1 Prize
5	Dravid Mutharasan F	Mind Master	MKJC, Vaniyambadi.	1 Prize
6	Mozhivanan A	Team Building	MKJC, Vaniyambadi.	1 Prize
7	Manoj Milton T	Team Building	MKJC, Vaniyambadi.	1 Prize
8	Pio Luke L	Team Building	MKJC, Vaniyambadi.	1 Prize
9	Sibi Abishek A	Team Building	MKJC, Vaniyambadi.	1 Prize
10	Ronan Christopher Smith	Team Building	MKJC, Vaniyambadi.	1 Prize
11	Leo Jethro T	Ads -UP	MKJC, Vaniyambadi.	2 Prize
12	Godson Kalaiyarasu P	Ads -UP	MKJC, Vaniyambadi.	2 Prize
13	Aron Arokia Agilan J	Ads -UP	MKJC, Vaniyambadi.	2 Prize
14	Rajesh Kumar T	Ads -UP	MKJC, Vaniyambadi.	2 Prize
15	Abinisha S	Step Out	MKJC, Vaniyambadi.	2 Prize
16	Bhaskar V	Bizz Tag	MKJC, Vaniyambadi.	2 Prize
17	Angeline Maria D	Bizz Tag	MKJC, Vaniyambadi.	2 Prize
18	Dinesh M	Quizzes with Twisties	MKJC, Vaniyambadi.	3 Prize
19	Dravid Mutharasan F	Poster presentation	AAC, Krishnagiri.	2 Prize
20	Bharathwaj R	Poster presentation	AAC, Krishnagiri.	2 Prize
21	Syed Abdul Kalam	Corporate walk	AAC, Krishnagiri.	2 Prize
22	Mozhivanan A	Corporate walk	AAC, Krishnagiri.	2 Prize
23	Abinisha S	Corporate walk	AAC, Krishnagiri.	2 Prize
24	Hendry Vincent Daniel T	Corporate walk	AAC, Krishnagiri.	2 Prize
25	Thahira S	Paper presentation	AAC, Krishnagiri.	2 Prize

26	Gokul R	Paper presentation	AAC, Krishnagiri.	2 Prize
27	Abinaya S	Product Launch	AAC, Krishnagiri.	2 Prize
28	Rakhul Kumaar K T	Product Launch	AAC, Krishnagiri.	2 Prize
29	Angeline Maria D	Product Launch	AAC, Krishnagiri.	2 Prize
30	Ruban Selvakumar A	Commerce Quiz	AAC, Krishnagiri.	2 Prize
31	Dinesh M	Commerce Quiz	AAC, Krishnagiri.	2 Prize
32	Swetha A	Group Dance	AAC, Krishnagiri.	3 Prize
33	Thahira S	Group Dance	AAC, Krishnagiri.	3 Prize
34	Madhan K	Mono acting	AAC, Krishnagiri.	3 Prize

- Final Year B Com students Sanjay Sham Raj S and Dinesh M have participated in Leadership Camp held at Nehru Institute of Technology, Coimbatore from 3.3.23 and 4.3.23 and received awards.
- Final Year B Com Student K.T. Rahul participated and presented the innovation plan in SHIYA 2023 and won the first prize of Rs. 10,000 in Social Sciences division.

Sacred Heart College (Autonomous), Tirupattur - 635601

PG Department of Commerce (Shift - 2)

Research Forum Association

Programme Report:

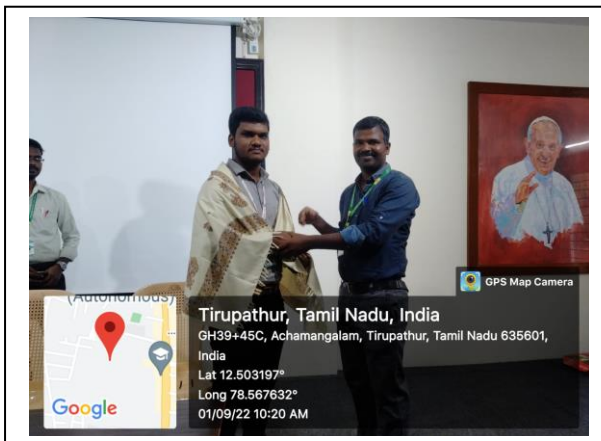
Date: 01-09-2022 (**Time:** 10:00 am to 12:00 pm)

Venue: Pope Francis Hall (Bi-Centenary Building)

Title: Invited Talk on“Dimensions on Competitive Examinations”

The outputs of this programme are listed below:

Programme was started at 10:05 am, with a prayer song. Master of Ceremony was done by Mr. R. Perumal, 2nd B. Com. Welcome Address was given by Miss. M. Soniya, 3rd B. Com. Introduction of Resource Person was given by Prof. S. Karthik. Resource Person Talk (I) was given by Mr. S. Pradeep Kumar, Vellore Branch Manager, Veranda Learning Solutions Ltd., Veranda Race. Resource Person Talk (II) was given by Mr. S. Immanuel (Banking Expert), Veranda Learning Solutions Ltd., Veranda Race. They have shared the following dimensions in the Competitive Examinations: TNPSC, SSC, Railway, IBPS, etc. Vote of Thanks was given by Miss. R. Kavi Priya, 2nd B. Com. Programme was ended with special thanks and College Anthem, at 12:05 pm.



Sacred Heart College (Autonomous), Tirupattur - 635601
PG Department of Commerce (Shift - 2)
Research Forum Association

Programme Report:

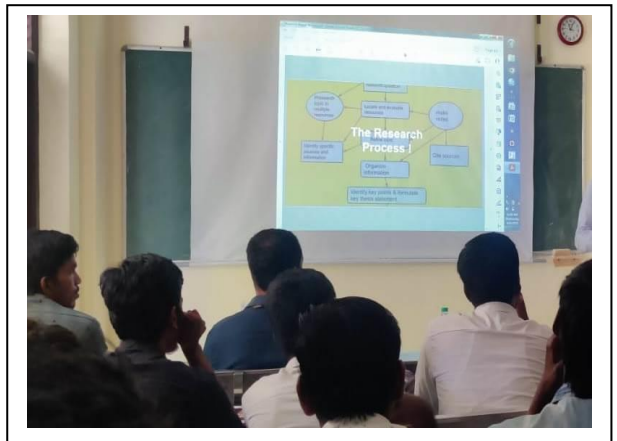
Date: 08-09-2022 (**Time:** 10:30 am to 12:30 pm)

Venue: 2nd M. Com., Class Room (Bi-Centenary Building)

Title: Special Invited Talk on“Employability Skills”

The outputs of this programme are listed below:

Programme was started at 10:35 am, with a prayer song. Master of Ceremony was done by Mr. P. Sivanesan, 3rd B. Com. Welcome Address given by Ms. R. Kavi Priya, 2nd B. Com. Introduction of Resource Person was given by Prof. S. Karthik. Resource Person Talk was given by Dr. P.V. Saravanan, Asst. Professor, Department of Commerce, Loyola College (Autonomous), Chennai. He has shared the following dimensions in the Employability Skills: Talent, Source, Knowledge, etc. Vote of Thanks given by Ms. V. Pavithra, 3rd B.Com. Programme was ended with special thanks and College Anthem, at 12:35 pm.



Sacred Heart College (Autonomous), Tirupattur - 635601
PG Department of Commerce (Shift - 2)
Research Forum Association

Programme Report:

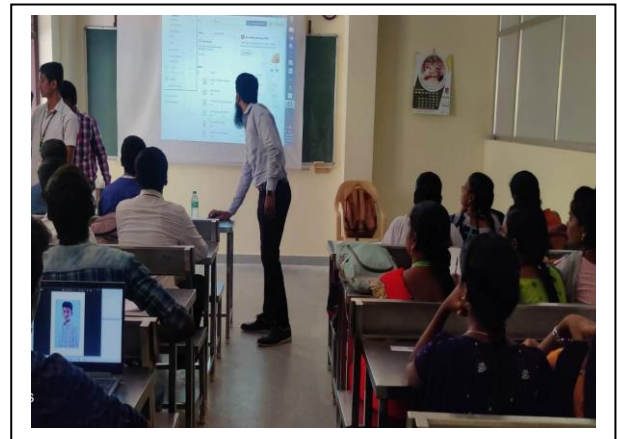
Date: 14-09-2022 (**Time:** 10:00 am to 12:00 pm)

Venue: 2nd M. Com., Class Room (Bi-Centenary Building)

Title: Invited Talk on“How to Write Research Report”

The outputs of this programme are listed below:

Programme was started at 10:05 am, with a prayer song. Master of Ceremony was done by Mr. P. Sivanesan, 3rd B. Com. Welcome Address was given by Ms. T. Vidhya, 2nd B. Com. Introduction of Resource Person was given by Prof. S. Karthik. Resource Person Talk was given by Dr. B. Fuzail Ahmed, Assistant Professor, Department of Business Administration, Islamiah College, Vaniyambadi. He has shared his knowledge to the students on the core aspects of writing a research report and the importance of data analysis for any research. Vote of Thanks was given by Ms. K. Meera, 2nd M. Com. Programme was ended with special thanks and College Anthem, at 12:05 pm.



Sacred Heart College (Autonomous), Tirupattur - 635601
PG Department of Commerce (Shift - 2)
Research Forum Association

Programme Report:

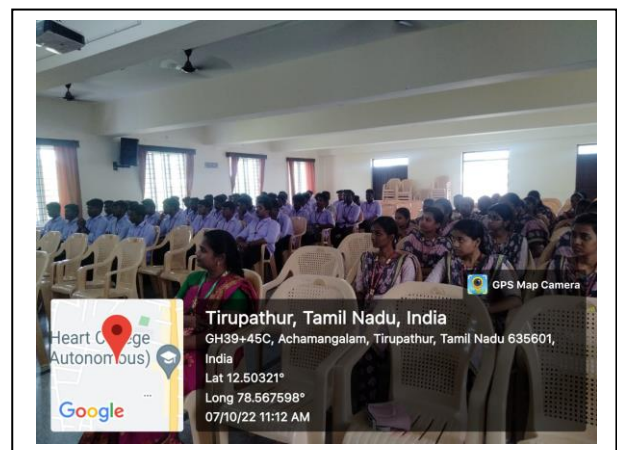
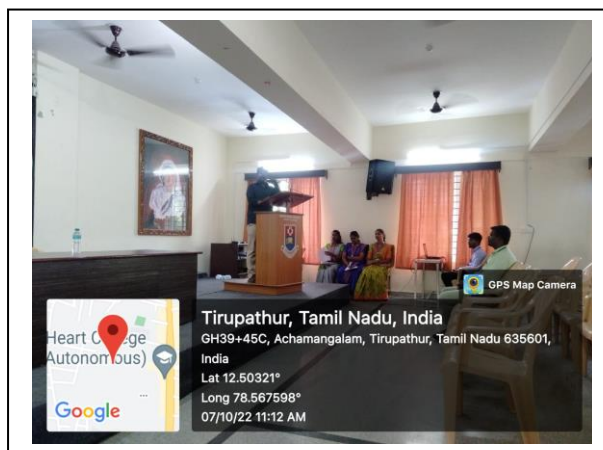
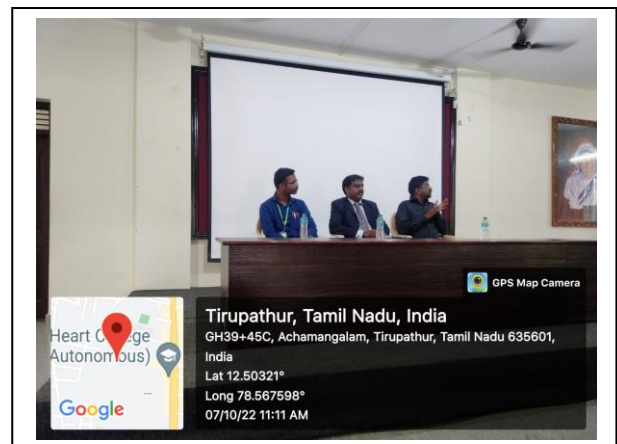
Date: 07-10-2022 (**Time:** 10:30 am to 12:30 pm)

Venue: Mother Teresa Hall (Bi-Centenary Building)

Title: Invited Talk on“Orientation on Professional Courses”

The outputs of this programme are listed below:

Programme was started at 10:35 am, with a prayer song. Master of Ceremony was done by Mr. G. Surya, 3rd B. Com. Welcome Address was given by Miss. J. Shalini, 2nd B. Com. Introduction of Resource Person was given by Prof. S. Karthik. The resource person invited talk was given by **CA. T. Pothi Madhavan**, Chartered Accountant, Chennai - 600 008. He has shared about the professional courses in the stream of Commerce and Management, especially regarding the CA Course and Financial Planner Career. Vote of Thanks was given by Mr. S. Jagan, 2nd M. Com. Programme was ended with College Anthem, at 12:35 pm.



Sacred Heart College (Autonomous), Tirupattur - 635601
PG Department of Commerce (Shift - 2)
Research Forum Association

Programme Report:

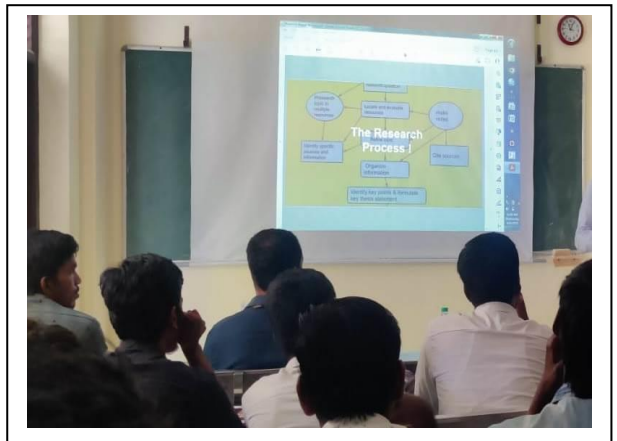
Date: 04-02-2023 (**Time:** 10:00 am to 11:30 am)

Venue: 2nd M. Com., Class Room (Bi-Centenary Building)

Title: Invited Talk on“Employment Opportunities in Govt. Sectors”

The outputs of this programme are listed below:

Programme was started at 10:05 am, with a prayer song. Master of Ceremony was done by Ms. V. Shalshiya, 2nd M. Com. Welcome Address given by Mr. V. Agilan, 3rd B. Com. Introduction of Resource Person was given by Prof. S. Karthik. Resource Person Talk was given by Mr. Santhosh Rao, Postal Department and Mr. Ramesh, ESM, Southern Railway. They have shared the various sources and scope on Employment opportunities in Govt. Sector. Vote of Thanks was given by Ms. N.T. Aparna, 2nd B.Com. Programme was ended with special thanks and College Anthem, at 11:35 am.



Sacred Heart College (Autonomous), Tirupattur - 635601
PG Department of Commerce (Shift - 2)
Research Forum Association

Programme Report:

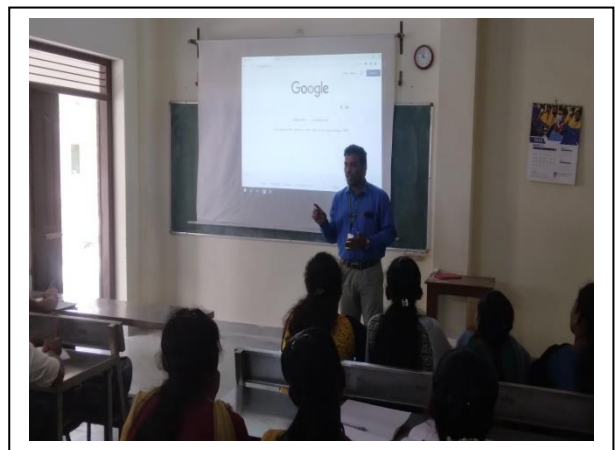
Date: 10-03-2023 (**Time:** 11:30 am to 12:30 pm)

Venue: 2nd M. Com., Class Room (Bi-Centenary Building)

Title: Special Invited Talk on“Learn to Earn”

The outputs of this programme are listed below:

Programme was started at 11:35 am, with a prayer song. Master of Ceremony was done by Mr. R. Perumal, 2nd B. Com. Welcome Address was given by Ms. U. Gowsalya, 2nd M. Com. Introduction of Resource Person was given by Prof. S. Karthik. The resource person invited talk was given by **Dr. P. Saranraj**, Assistant Professor and Head, PG Department of Microbiology, Sacred Heart College, Tirupattur. He has shared about the techniques of earnings while learning for the future career. Vote of Thanks was given by Ms. M. Soniya, 3rd B. Com. Programme was ended with College Anthem, at 12:35 pm.



Sacred Heart College (Autonomous), Tirupattur - 635601

PG Department of Commerce (Shift - 2)

Research Forum Association

Programme Report:

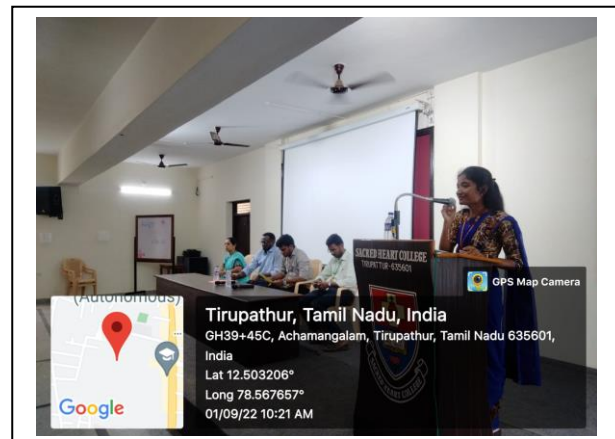
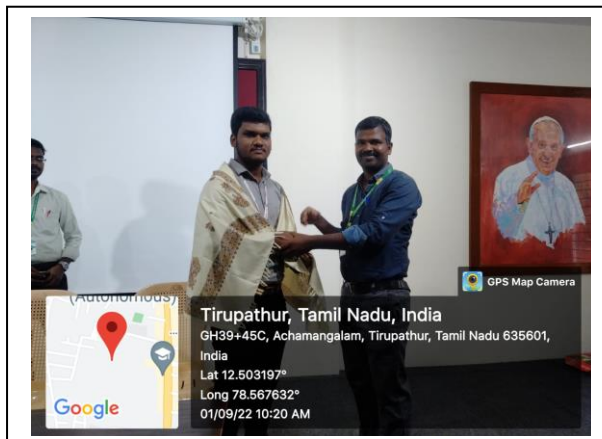
Date: 01-09-2022 (**Time:** 10:00 am to 12:00 pm)

Venue: Pope Francis Hall (Bi-Centenary Building)

Title: Invited Talk on“Dimensions on Competitive Examinations”

The outputs of this programme are listed below:

Programme was started at 10:05 am, with a prayer song. Master of Ceremony was done by Mr. R. Perumal, 2nd B. Com. Welcome Address was given by Miss. M. Soniya, 3rd B. Com. Introduction of Resource Person was given by Prof. S. Karthik. Resource Person Talk (I) was given by Mr. S. Pradeep Kumar, Vellore Branch Manager, Veranda Learning Solutions Ltd., Veranda Race. Resource Person Talk (II) was given by Mr. S. Immanuel (Banking Expert), Veranda Learning Solutions Ltd., Veranda Race. They have shared the following dimensions in the Competitive Examinations: TNPSC, SSC, Railway, IBPS, etc. Vote of Thanks was given by Miss. R. Kavi Priya, 2nd B. Com. Programme was ended with special thanks and College Anthem, at 12:05 pm.



Sacred Heart College (Autonomous), Tirupattur - 635601

PG Department of Commerce (Shift - 2)

Research Forum Association

Programme Report:

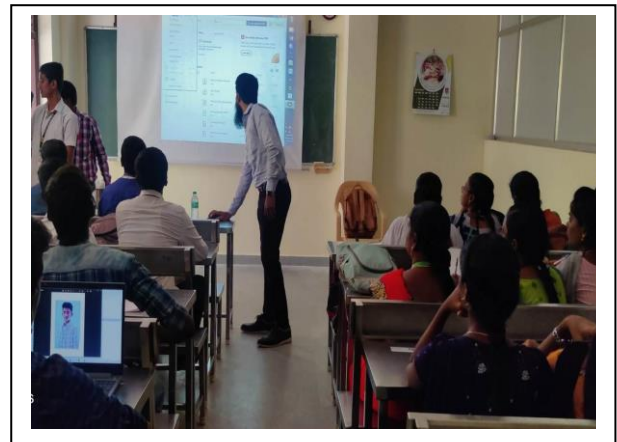
Date: 14-09-2022 (**Time:** 10:00 am to 12:00 pm)

Venue: 2nd M. Com., Class Room (Bi-Centenary Building)

Title: Invited Talk on "How to Write Research Report"

The outputs of this programme are listed below:

Programme was started at 10:05 am, with a prayer song. Master of Ceremony was done by Mr. P. Sivanesan, 3rd B. Com. Welcome Address was given by Ms. T. Vidhya, 2nd B. Com. Introduction of Resource Person was given by Prof. S. Karthik. Resource Person Talk was given by Dr. B. Fuzail Ahmed, Assistant Professor, Department of Business Administration, Islamiah College, Vaniyambadi. He has shared his knowledge to the students on the core aspects of writing a research report and the importance of data analysis for any research. Vote of Thanks was given by Ms. K. Meera, 2nd M. Com. Programme was ended with special thanks and College Anthem, at 12:05 pm.



Sacred Heart College (Autonomous), Tirupattur - 635601
PG Department of Commerce (Shift - 2)
Research Forum Association

Programme Report:

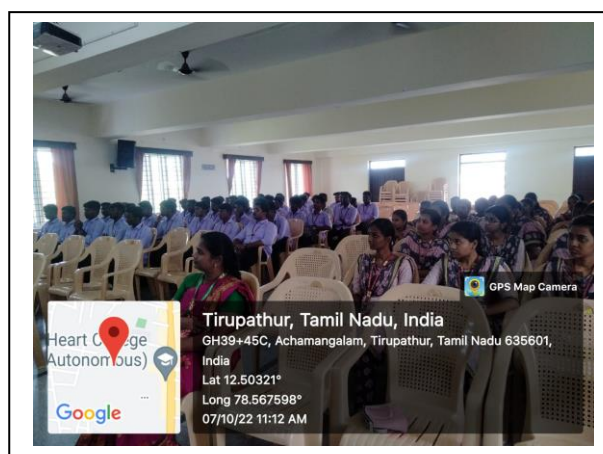
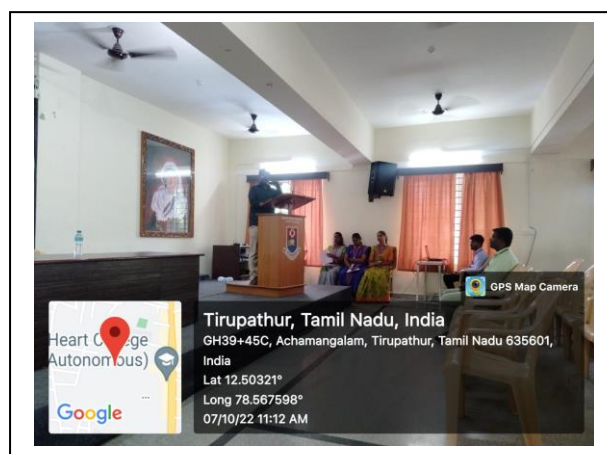
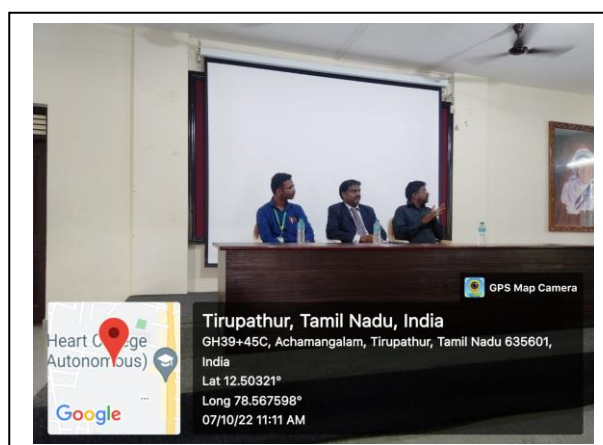
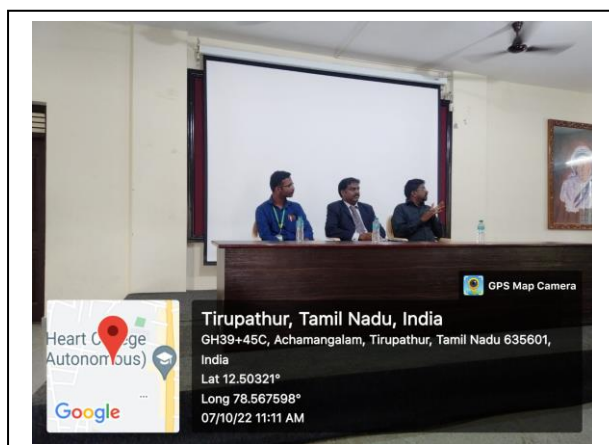
Date: 07-109-2022 (**Time:** 10:30 am to 12:30 pm)

Venue: Mother Teresa Hall (Bi-Centenary Building)

Title: Invited Talk on“Orientation on Professional Courses”

The outputs of this programme are listed below:

Programme was started at 10:35 am, with a prayer song. Master of Ceremony was done by Mr. G. Surya, 3rd B. Com. Welcome Address was given by Miss. J. Shalini, 2nd B. Com. Introduction of Resource Person was given by Prof. S. Karthik. The resource person invited talk was given by **CA. T. Pothi Madhavan**, Chartered Accountant, Chennai - 600 008. He has shared about the professional courses in the stream of Commerce and Management, especially regarding the CA Course and Financial Planner Career. Vote of Thanks was given by Mr. S. Jagan, 2nd M. Com. Programme was ended with College Anthem, at 12:35 pm.



DEPARTMENT OF COMPUTER APPLICATIONS (UG)

RESEARCH FORUM 2022 - 2023



SACRED HEART COLLEGE (AUTONOMOUS)

Accredited by NAAC (4th Cycle) With 'A' Grade [3.31/4]

TIRUPATTUR, VELLORE – 635 601.

DEPARTMENT DETAILS

Head of the Department : Mr. A. John Martin

Staff Incharge : Mr. V. S. Jayakumar Paul Bosco

Student President : A Kishore (BU201034)

SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR

DEPARTMENT OF COMPUTER APPLICATIONS (UG)

RESEARCH FORUM MEMBERS – 2022-2023

ANNUAL PLAN

S.NO	MONTH	PROGRAMME
1	September	Orientation on Research
2	October	How to read and write research paper?
3	November	Paper Presentation
4	December	Recent trends in Computer Science
5	January	Publication of Scientific Research Paper
6	February	Art of Writing research articles.
7	March	Finding current research issues.

SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR

DEPARTMENT OF COMPUTER APPLICATIONS (UG)

RESEARCH FORUM MEMBERS – 2022-2023

Name of the Coordinator: Mr. V.S. Jayakumar Paul Bosco

Name of the Student Representative: A. Kishore (BU201034)

S. NO	REG.NO	NAME OF THE STUDENTS
1	BU201016	ELAYARASAN A
2	BU201034	KISHORE A
3	BU201049	KAMALAKANNAN S
4	BU201022	YOGASHRI S
5	BU201053	CLEMENT ARPUTHARAJ. A
6	BU201015	JOSHVA AMALAN. A
7	BU201024	KAVIYA R
8	BU201026	AJAY D
10	BU211012	M J BENEDICT ROZARIO
11	BU211003	AMALAN JEROM M
12	BU211016	CYRIL T
13	BU221012	THIRUPATHI KANNAN T
14	BU221015	KEERTHIVASAN V
15	BU221024	PREM KUMAR Z
16	BU221028	SNEHA G
17	BU221048	SANDHIYA T
18	BU221054	VIJAYASREE M

DEPARTMENT OF COMPUTER APPLICATIONS (UG)

RESEARCH FORUM 2022 - 2023



SACRED HEART COLLEGE (AUTONOMOUS)

Accredited by NAAC (4th Cycle) With 'A' Grade [3.31/4]

TIRUPATTUR, VELLORE – 635 601.

DEPARTMENT DETAILS

Head of the Department : Dr. A. John Martin

Staff Incharge : Mr. V. S. Jayakumar Paul Bosco

Student President : A Kishore (BU201034)

SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR

DEPARTMENT OF COMPUTER APPLICATIONS (UG)

RESEARCH FORUM MEMBERS – 2021-2022

List of Activities Carried Out

S.NO	MONTH	PROGRAMME
1	September	Orientation on Research
2	September	Attended Workshop on MEAN
3	October	Attended Workshop on Cyber Security
4	October	Recent trends in Computer Science

SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR

DEPARTMENT OF COMPUTER APPLICATIONS (UG)

RESEARCH FORUM MEMBERS – 2021-2022

Name of the Coordinator: Mr. V.S. Jayakumar Paul Bosco

Name of the Student Representative: A. Kishore (BU201034)

S. NO	REG.NO	NAME OF THE STUDENTS
1	BU201016	ELAYARASAN A
2	BU201034	KISHORE A
3	BU201049	KAMALAKANNAN S
4	BU201022	YOGASHRI S
5	BU201053	CLEMENT ARPUTHARAJ. A
6	BU201015	JOSHVA AMALAN. A
7	BU201024	KAVIYA R
8	BU201026	AJAY D
10	BU211012	M J BENEDICT ROZARIO
11	BU211003	AMALAN JEROM M
12	BU211016	CYRIL T
13	BU221012	THIRUPATHI KANNAN T
14	BU221015	KEERTHIVASAN V
15	BU221024	PREM KUMAR Z
16	BU221028	SNEHA G
17	BU221048	SANDHIYA T
18	BU221054	VIJAYASREE M

Research Forum Report
Department of Computer Applications (UG)
Sacred Heart College, Tirupattur.

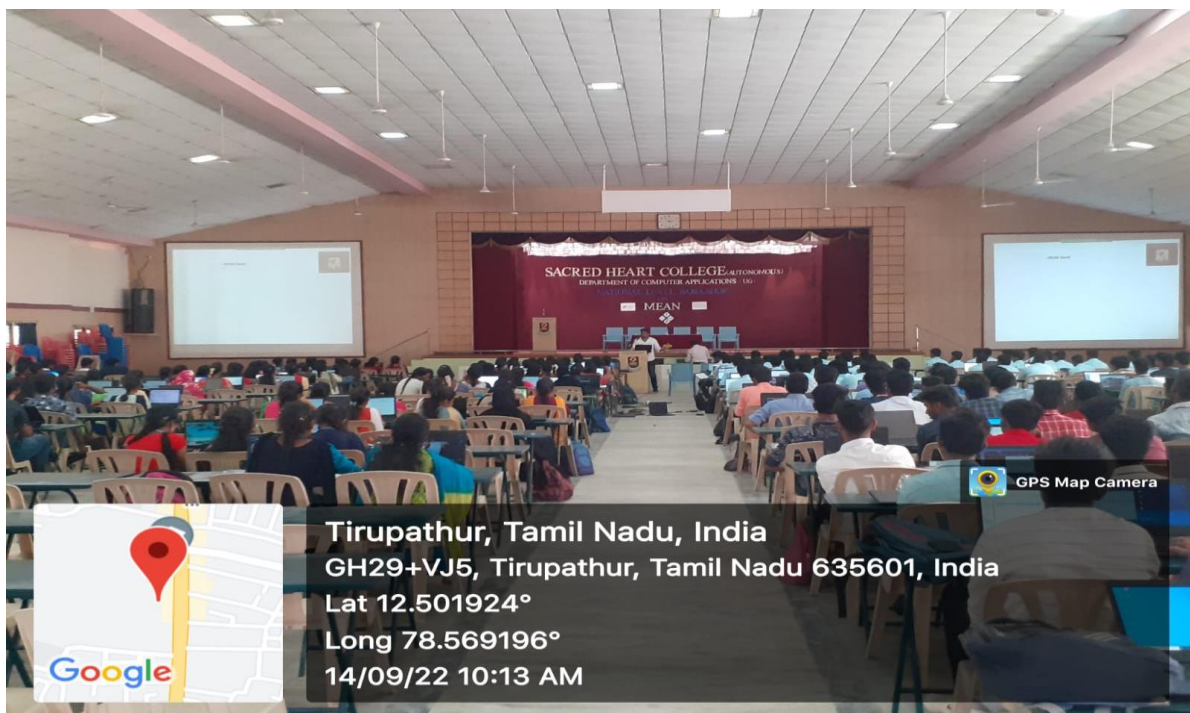
Programme : **1**
Topic : **Orientation on Research**
Date : **09/09/2022**
Time : **11.30 am**
Venue : **Oasis Hall**

The research forum in-charge of the Department of Computer Applications (UG), Mr. V. S. Jayakumar Paul Bosco arranged for the first meeting of this academic year. He welcomed the students. Eighteen students are enrolled in this forum. He explained the process of research forum and importance of it. He narrated the tentative programmes to be organized in this forum throughout the year. The yearly plan was finalized from the suggestions given by the students.

Research Forum Report
Department of Computer Applications (UG)
Sacred Heart College, Tirupattur.

Topic : **Workshop on MEAN**
Date : **14/09/2022**
Time : **9.00 am to 4.00 pm**
Venue : **Kamarajar Arangam**

As part of the research form, a total of 50 III BCA students from the Department of Computer Applications (UG) were motivated to attend a ‘One Day National Workshop on MEAN’, conducted by the Department of Computer Applications (UG), Sacred Heart College (Autonomous), Tirupattur on 14-09-2022. The workshop provided students with the knowledge of understanding the machine learning concepts with the latest technologies like Mango DB and Angular JS. The students were given hands-on training. Mr. Pradeep from Vedhams Midway was the resource person and explained the tasks which carried out in the field of database administration.



Research Forum Report

Department of Computer Applications (UG)

Sacred Heart College, Tirupattur.

Programme : 3
Topic : Workshop on Cybersecurity
Date : 13/10/2022
Time : 2.00 pm
Venue : Marudhar Kesari Jain College, Vaniyambadi

As part of the research form, a total of 20 III BCA students from the Department of Computer Applications (UG) were motivated to attend a ‘One Day National Workshop on cybersecurity’, conducted by the Thiruvalluvar University in Marudhar Kesari Jain College, Vaniyambadi on 13-10-2022. The workshop provided students with the awareness on cybersecurity. The advantages and disadvantages of using the technologies were discussed. More focus given to the cyber-crimes which has been in the increasing side. Mr. T. Prabakaran Assistant professor accompanied students and helped them to carry out their research work in the field of Cyber surfers. The participants were given the participation certificates.



Research Forum Report
Department of Computer Applications (UG)
Sacred Heart College, Tirupattur.

Programme : 4
Topic : WHAT TO DO TO DO RESEARCH?
Date : 28/10/2022
Time : 11.00 am
Venue : Presentation Hall, Silver Jubilee Building

The seminar started with a prayer. Mr. V.S. Jayakumar Paul Bosco welcomed the students. He introduced the resource person Prof.T. Prabakaran, Department of Computer Applications, Sacred Heart College, Tiruapttur. The resource spoke on the topic WHAT TO DO TO DO RESEARCH? He explained the steps to do research as follows: i. finding research domain, ii. Narrow downing topics, iii. Collecting research papers, iv. Reading research article, v. reading research article (identification, screening, eligibility, include), and identification of problem statement. He elaborated the steps to do research with examples where the students understood with interest.

Finally, the research coordinator thanked the students and resource person. The meeting got over at 12.30 pm.

SACRED HEART COLLEGE (AUTONOMOUS)



PG & RESEARCH DEPARTMENT OF ECONOMICS

RESEARCH FORUM ANNUAL REPORT [2022–2023]

REPORT PREPARED BY

Dr. R. Kurinji Malar

Assistant Professor & Research Forum President

PG & Research Department of Economics

Sacred Heart College (Autonomous)

Tirupattur-635601, Tirupattur District

PROGRAMMES CONDUCTED FOR THE ACADEMIC YEAR 2022-23

Sl. No	DATE	PROGRAMMES
1.	29.08.2022	Oriention on “Research Forum”
2.	14.09.2022	Motivational Talk About Social Science Research
3.	15.09.2022	How to Write Research Article?
4.	27.09.2022	Introduction About Research
5.	30.09.2022	Article Preparation
6.	01.02.2023	Invited talk on How to write research abstract?
7.	14.02.2023	Submission of Research Article
8.	31.03.2023	Invited Talk on “Research Methods in Social Science”

ORIENTATION ON “RESEARCH FORUM”

29.08.2022

An Orientation on “Research Forum” was organized on 29.08.2022. All the Research forum students participated in the programme. Research Forum President Dr. R. Kurinji Malar enlightened the students on the importance of research, main objectives and core principles of Economic research. She also insisted on the importance of social science research and its role in global economy development. Students actively participated in the programme.

RESEARCH FORUM
PG & RESEARCH DEPARTMENT
OF ECONOMICS
SACRED HEART COLLEGE (AUTONOMOUS)
TIRUPATTUR-635601, TIRUPATTUR DISTRICT

ORIENTATION
ON
RESEARCH FORUM

DATE: 29.08.2022
TIME: 2.00 TO 3.00 PM

By
Dr. R. Kurinji Malar
Research Forum President,
PG & Research Department of Economics,
Sacred Heart College (Autonomous), Tirupattur

All are invited

MOTIVATIONAL TALK ON “IMPORTANCE OF SOCIAL SCIENCE RESEARCH”

14.09.2022

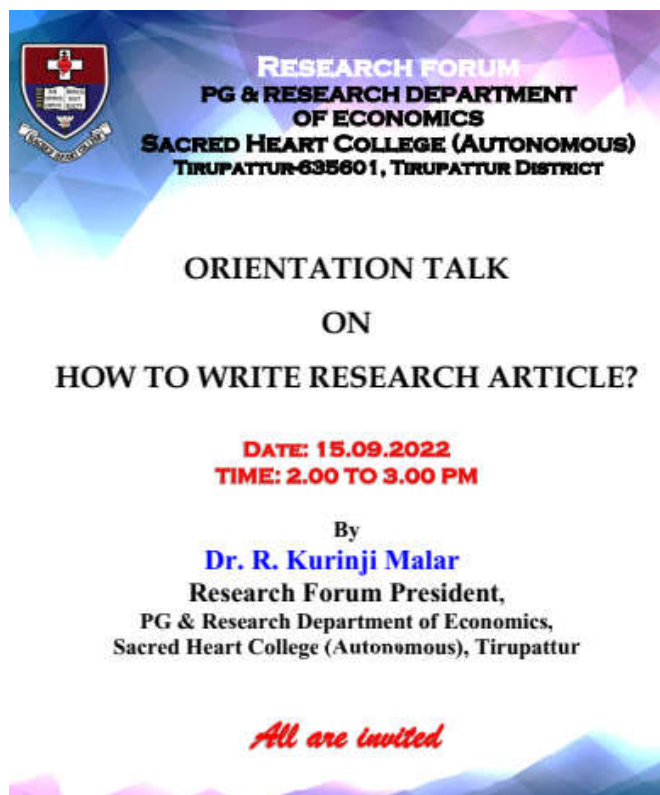
A “Motivational talk on “importance of social science research” was organized on 14.09.2022 in front of Golden Jubilee Building from 2 to 3 pm. All the Research forum students participated in the programme. Research Forum President Dr. R. Kurinji Malar enlightened the students on the importance of social science research, main objectives and core principles of Economic research. She also insisted on the importance of social science research and its role in global economy development. Students actively participated in the programme.



ORIENTATION TALK
ON
HOW TO WRITE RESEARCH ARTICLE?

15.09.2022

An Orientation Talk on How to write a Research Article was organized on 15.09.2022 in front of Golden Jubilee Building from 2 to 3 pm. All the Research forum students participated in the programme. Research Forum Secretary Mr. Rajesh of III BA Economics welcomed the gathering. Research Forum President Dr. R. Kurinji Malar enlightened the students on how to write a Research abstract. She explained the template for a research abstract and the word limit. She also gave an exercise to the students to prepare their own research abstract. Research Forum Joint-Secretary Mr. D. Janagaraj of II BA Economics expressed his words of gratitude. Students actively participated in the programme.



The poster features a blue and purple geometric background. At the top left is the Sacred Heart College logo. The main text is centered and reads: 'RESEARCH FORUM PG & RESEARCH DEPARTMENT OF ECONOMICS SACRED HEART COLLEGE (AUTONOMOUS) TIRUPATTUR-635601, TIRUPATTUR DISTRICT'. Below this, it says 'ORIENTATION TALK ON HOW TO WRITE RESEARCH ARTICLE?'. The date and time are listed as 'DATE: 15.09.2022' and 'TIME: 2.00 TO 3.00 PM'. The speaker is identified as 'By Dr. R. Kurinji Malar, Research Forum President, PG & Research Department of Economics, Sacred Heart College (Autonomous), Tirupattur'. At the bottom, it says 'All are invited' in red cursive.

RESEARCH FORUM
PG & RESEARCH DEPARTMENT
OF ECONOMICS
SACRED HEART COLLEGE (AUTONOMOUS)
TIRUPATTUR-635601, TIRUPATTUR DISTRICT

ORIENTATION TALK
ON
HOW TO WRITE RESEARCH ARTICLE?

DATE: 15.09.2022
TIME: 2.00 TO 3.00 PM

By
Dr. R. Kurinji Malar
Research Forum President,
PG & Research Department of Economics,
Sacred Heart College (Autonomous), Tirupattur

All are invited

INTRODUCTION ABOUT RESEARCH

27.09.2022

A Talk on “Introduction about Research” was organized on 27.09.2022 in front of Golden Jubilee Building from 2 to 3 pm. All the Research forum students participated in the programme. Research Forum Secretary Mr. Rajesh of III BA Economics welcomed the gathering. Research Forum President Dr. R. Kurinji Malar enlightened the students on “Introduction about Research”. She explained the basics in social science research which involves questions and investigative practices that are focused on discovering or formulating fundamental principles of human behavior, and are generally inspired by the scientist's curiosity rather than an attempt to solve a particular problem. Research Forum Joint-Secretary Mr. D. Janagaraj of II BA Economics expressed his words of gratitude. Students actively participated in the programme.



ARTICLE PREPARATION

30.09.2022

A talk on “Article preparation” was organized on 30.09.2022 in front of Golden Jubilee Building from 2 to 3 pm. All the Research forum students participated in the talk. Research Forum Secretary Mr.Rajesh of III BA Economics welcomed the gathering. Research Forum President Dr. R. Kurinji Malar demonstrated on how to write research article. She explained about the abstract, introduction, objectives, methodology, tools, data collection, etc. Through this talk students got some input for the preparation of research articles. At the end of the discussion students decided to submit their research articles. Research Forum Joint-Secretary Mr. D. Janagaraj of II BA Economics expressed his words of gratitude. Students actively participated in the programme.

INVITED TALK ON HOW TO WRITE RESEARCH ABSTRACT?

01.02.2023

An Invited Talk on “How to write research abstract?” was organized on 01.02.2023 in front of Golden Jubilee Building from 2 to 3 pm. All the Research forum students participated in the programme. Research Forum Secretary Mr.Rajesh of III BA Economics welcomed the gathering. Research Forum President Dr. R. Kurinji Malar introduced the Resource Person Ms. Divya, Research Scholar, PG & Research Department of Economics, Sacred Heart College (Autonomous), Tirupattur. Resource person in her talk elaborated the various aspects of research from abstract to different parts of a research paper. Research Forum Joint-Secretary Mr. D. Janagaraj of II BA Economics expressed his words of gratitude. Students actively participated in the programme.



SACRED HEART COLLEGE(Autonomous),

Tirupattur - 635 601, Tirupattur Dist., Tamil Nadu, India
Accredited by NAAC (4th Cycle - under RAF) with CGPA of 3.31/4 at
'A+' Grade, Affiliated to Thiruvalluvar University.

RESEARCH FORUM
P.G. & RESEARCH DEPARTMENT OF ECONOMICS

Cordially invites you for the
INVITED TALK ON
“ABSTRACT”

RESOURCE PERSON:

T. Dhivya

Ph.D Research Scholar (Full Time),
ICSSR Doctoral Fellow,
PG & Research department of Economics
Sacred heart college (A)
Tirupattur - 635 601.



Venue: Golden Jubilee building

Date: 01.02.2023

Time: 2.15 PM

SUBMISSION OF RESEARCH ARTICLE

14.02.2023

A special meeting was organized on 14.02.2023 in front of Golden Jubilee from 2 to 3 pm. All the Research forum students participated in the programme. Research Forum Secretary Mr. Rajesh of III BA Economics welcomed the gathering. Research Forum President Dr. R. Kurinji Malar collected all the research articles from research forum students. The research forum submitted their research articles with different topics. They expressed their area of interest and research topics. At the end students submitted their soft copy of research articles. Research Forum Joint-Secretary Mr. D. Janagaraj of II BA Economics expressed his words of gratitude. Students actively participated in the programme.

INVITED TALK ON “RESEARCH METHODS IN SOCIAL SCIENCE”

31.03.2023

An Invited Talk on “Research methods in social science” was organized on 31.03.2023. All the Research forum students participated in the programme. Research Forum Secretary Mr.Rajesh of III BA Economics welcomed the gathering. Research Forum President Dr. R. Kurinji Malar explained about research which is the foundation of knowledge and an important source for providing guidelines or norms for solving different social, business, or governmental problems. She also explained that Research is a variety of formal training which enables us to understand the new developments in one's field in an efficient way. Research Forum Joint-Secretary Mr. D. Janagaraj of II BA Economics expressed his words of gratitude. Students actively participated in the programme.







SACRED HEART COLLEGE (Autonomous),

**Tirupattur - 635 601, Tirupattur Dist., Tamil Nadu, India
Accredited by NAAC (4th Cycle - under RAF) with CGPA of 3.31/4 at
'A+' Grade, Affiliated to Thiruvalluvar University**

RESEARCH FORUM P.G. & RESEARCH DEPARTMENT OF ECONOMICS

LIST OF ACTIVITIES (2022-2023)

The department's research forum focused on providing interested post-graduate students in the field of Economics with a comprehensive overview on relevant topics where extensive research can be undertaken. In view of this Dr.KURINJIMALAR, Research Forum Coordinator of P.G. & Research Department of Economics, coordinated the following activities.

1. INAUGURATION OF RESEARCH FORUM

On 29th of August , we have Inaugurated the Research forum of Economics Department By our beloved Coordinator Dr.kurinjimalar at the venue in front of Golden Jubilee Building.

2. DISCUSSION OF RESEARCH FORUM

Date : 14th September 2022

Venue : In front of Golden Jubilee Building

We had a discussion on the base of Research forum and it helps all of us to know about it

3. SELECTION OF TOPICS

Date : 26th September 2022

Venue : In front of Golden Jubilee Building

Students have gathered and they come up with different topics related to Economics

5. SUBMISSION OF ARTICLES

DATE : 12TH OCTOBER 2022

VENUE : IN FRONT OF GOLDEN JUBILEE BUILDING

All are came up with a great effort and fantastic topics as listed below

Here we have listed the students with their articles

LIST OF STUDENTS	THEIR ARTICLES
RAJESH RAJ K (AU200052)	“INDIA AFTER COVID”
MONICA K (AU200020)	“ ECONOMIC GROWTH 2022”
SWETHA (AU200028)	“ INDIA’s FREE TRADE AGREEMENT – THE UK’s STRATEGIC APPROACH “
THARUN KUMAR T B (AU200032)	“ HEALTH ECONOMICS “



MEETING OF RESEARCH FORUM





Sacred Heart College (Autonomous)
Tirupattur-635601, Tirupattur
District

RESEARCH FORUM
ANNUAL EVALUATION
2022-2023

Dr. D. Joy Christina
President of Research Forum (Shift-1),
Sacred Heart College (Autonomous), Tirupattur.

SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR.
RESEARCH FORUM SHELTER (Shift – I)

- **Vision:** Progression and its future impact
- **Mission:** To develop the best possible effect throughout the world
- **Objective:** Establish the scope and depth of the research project.

S.No.	Date	Title	Resource person
1	10.8.2022	Introduction and Importance of research	Dr. D. Joy Christina
2	09.01.2023	Research Methodology	Mr. A. John Joseph
3	10. 01.2023	Review of Literature	Mr. P. Anbarasan
4	08. 3. 2023	How to Identify research Problem	Fr. Xavier Raj Research Scholar
5.	09. 3. 2023	How to frame research questionnaire	Mr. Suresh Rajan Research Scholar

S.No.	Date	Title	Resource person
6	10. 3. 2023	How to compile review of Literature,& Tools	Ms. Immaculate Arokia Sheela
7			
8			
9			
:			



RESEARCH FORUM

Conducts a seminar on
IMPORTANCE OF RESEARCH
Guest speaker:

Dr. Joy Christina
Prof. Department of English

Venue:
**M.Phil Hall, Department
of English**

Date: **2:00-3:30pm.
28/10/2022**

All are welcome



INTRODUCTION AND IMPORTANCE OF RESEARCH

The Program *Introduction and Importance of Research in Research Forum* began with a prayer Song invoking God's presence. Welcome Address was given by Anandhan of 2nd BA., English. All the forum students were present. This program was conducted to give a clear description about the role of Research to the students. the President Dr. D. Joy Christina. gave a detailed explanation on the topic. Vote of Thanks was proposed by Joy Maria John of III BA English.



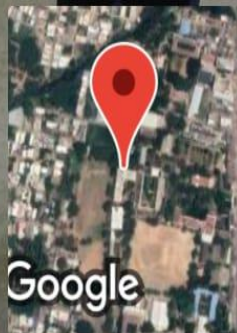
Research Methodology

- The Program *Research Methodology of the Research Forum* began with a prayer song invoking God's presence. All the group students were present. This program was conducted to give a clear idea about the *Research Methodology*. Welcome Address was given Anton of III BA English the President Dr. D. Joy Christina. gave an explanation on the topic. Mr. A. John Joseph was the resource person for this topic. It was very effective. He gave a clear lecture on the topic. There was a question session and the doubts were cleared. Vote of Thanks was proposed by Priya of II BA English.





GPS Map Camera



Google

Tirupathur, Tamil Nadu, India

GH39+45C, Achamangalam,
Tirupathur, Tamil Nadu 635601, India

Lat 12.503311°

Long 78.567617°

09/01/23 01:27 PM GMT +05:30



GPS Map Camera



Google

Tirupathur, Tamil Nadu, India

GH39+45C, Achamangalam,
Tirupathur, Tamil Nadu 635601, India

Lat 12.503302°

Long 78.567615°

09/01/23 01:28 PM GMT +05:30

Review of Literature

The Resource person Mr. P. Anbarasan high lighted on the basic concept of Review of Literature. He stressed on the role of students and their perspective towards Review of Literature. He said that today's youth could read a lot and write review of literature in a clear manner. He advised the students to start to practice. There was question session, where number of doubts were clarified by the resource person. Ms. Kaviya of 2nd B.A. English proposed the vote of thanks. The program ended with gathering wide knowledge on review of literature.







RESEARCH
FORUM
conducts a seminar on
**HOW TO IDENTIFY A RESEARCH
PROBLEM**

GUEST SPEAKER :

Fr. Xavier
Research Scholar

VENUE:

M.Phil Hall, Department of English.

Date:

08/03/2023
At 2.:00 P.M

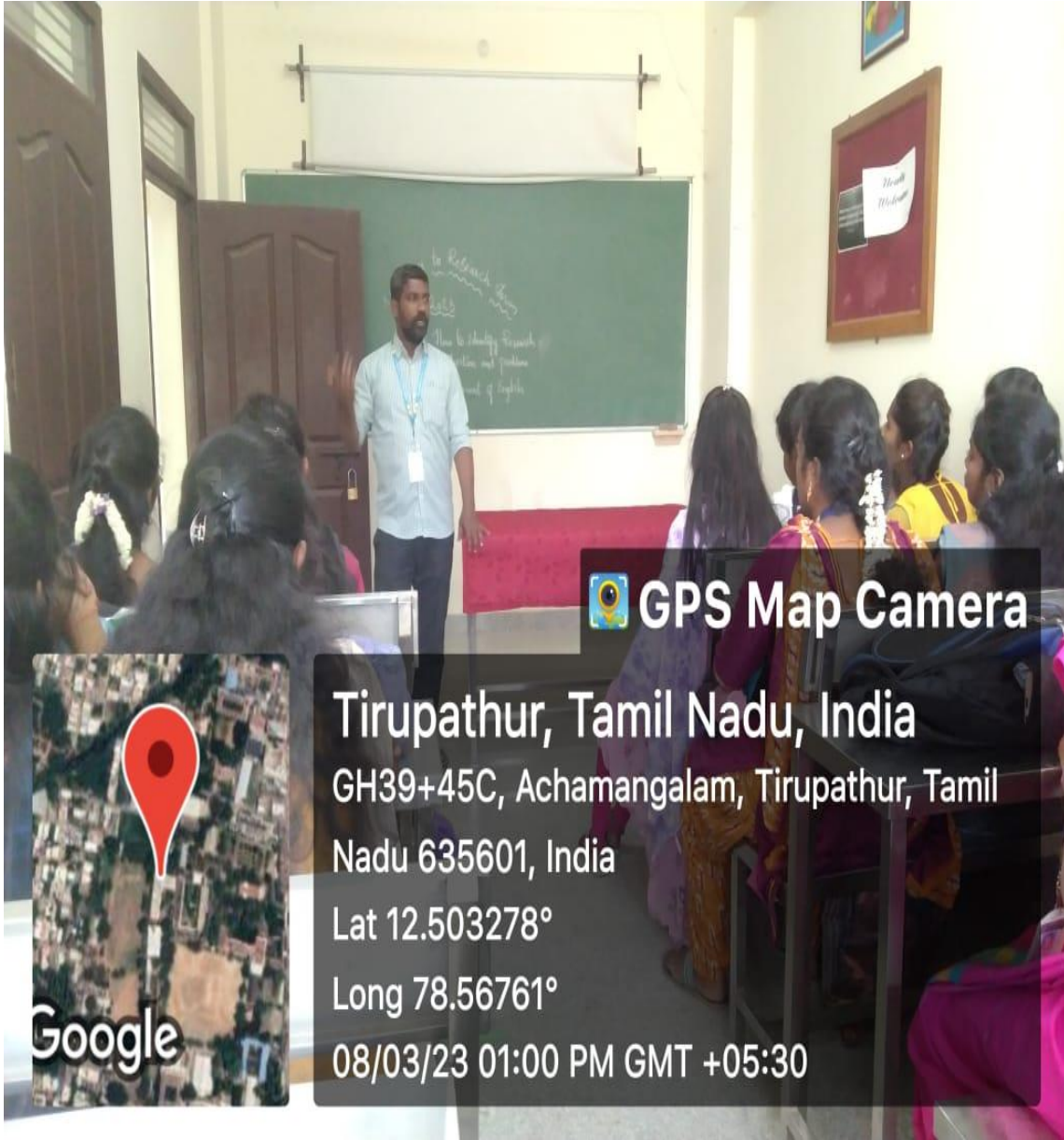


All are Welcome

How to Identify Research Problem

- The Program *How to Identify research Problem* began with a prayer song invoking God's presence amidst us. All the group students were present. Ms. Roshini of 2nd BA English welcomed the Resource person and the gathering with her warm words of welcome. Dr. D. Joy Christina introduced the Resource person, **Fr. Xavier Raj Research Scholar**. Dr. D. Joy Christina presented a book on behalf of the forum. The Resource person defined *research Problem*. A detailed description about *research Problem* with number of examples. He highlighted on the importance of *research Problem*. The benefits of the *research Problem* was high lighted clearly to the students.
- The session was very interesting and it was a source of inspiration to the students. The program ended with gathering wide knowledge about the *research Problem*. Vote of thanks was proposed by Roshan of I BA English.





 **GPS Map Camera**

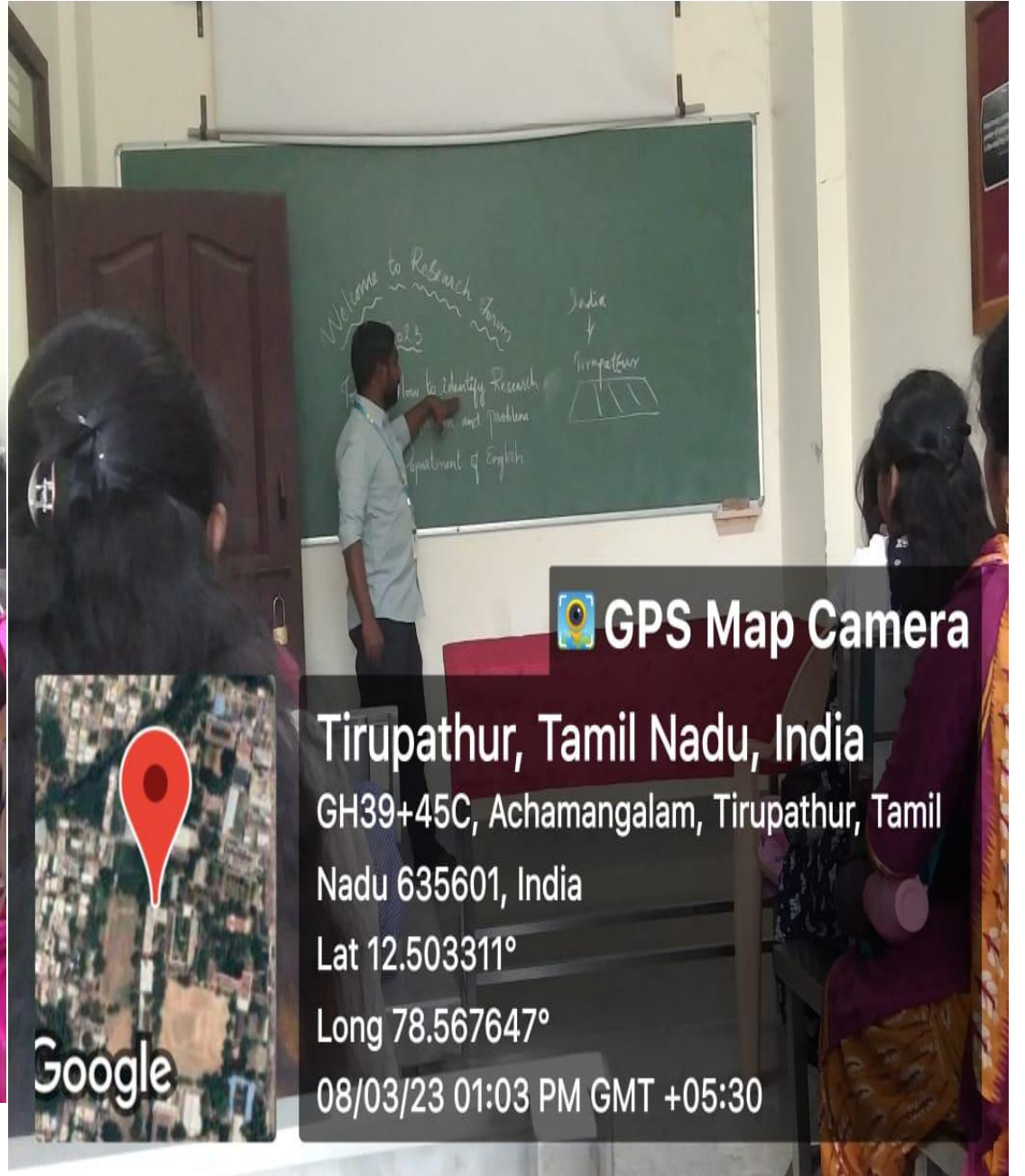
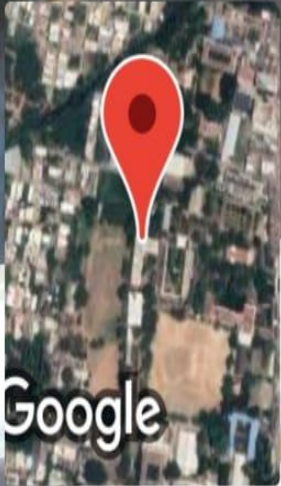
Tirupathur, Tamil Nadu, India

GH39+45C, Achamangalam, Tirupathur, Tamil Nadu 635601, India

Lat 12.503278°

Long 78.56761°

08/03/23 01:00 PM GMT +05:30



 **GPS Map Camera**

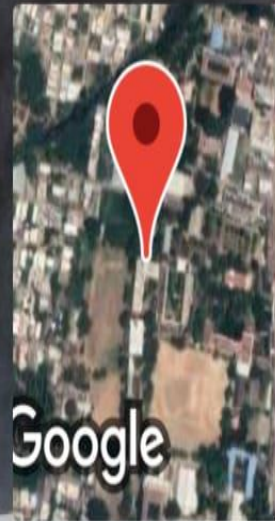
Tirupathur, Tamil Nadu, India

GH39+45C, Achamangalam, Tirupathur, Tamil Nadu 635601, India

Lat 12.503311°

Long 78.567647°

08/03/23 01:03 PM GMT +05:30





RESEARCH
FORUM

conducts a seminar on

HOW TO FRAME A QUESTIONNAIRE

GUEST SPEAKER :

Mr.Suresh
Research Scholar

VENUE:

M.Phil Hall, Department of English.

Date:

09/03/2023
At 2.:00 P.M



All are Welcome

How to frame research questionnaire

- The Program *How to frame research questionnaire* began with a prayer song invoking God's presence amidst us. All the group students were present. Ms. Deva Dharashini of II BA English welcomed the gathering with her warm words of welcome. Dr. D. Joy Christina introduced the Resource person. The Resource Person Suresh Rajan a Research Scholar gave an effective lecture on how to frame research questionnaire. It was an excellent session. Gunaselan of II BA English proposed the Vote of thanks.



 **GPS Map Camera**

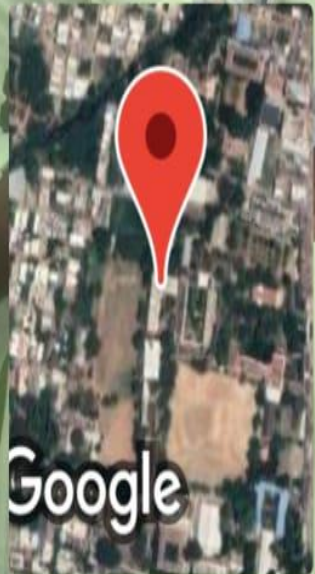
Tirupathur, Tamil Nadu, India


GH39+45C, Achamangalam, Tirupathur, Tamil Nadu 635601, India

Lat 12.503216°

Long 78.567623°

09/03/23 12:48 PM GMT +05:30



 **GPS Map Camera**

Tirupathur, Tamil Nadu, India

GH39+45C, Achamangalam, Tirupathur, Tamil Nadu 635601, India

Lat 12.503215°

Long 78.567616°

09/03/23 12:49 PM GMT +05:30



RESEARCH
FORUM

conducts a seminar on

**HOW TO COMPILE A REVIEW OF
LITERATURE**

GUEST SPEAKER :

Ms. Sheela

Research Scholar

VENUE:

M.Phil Hall, Department of English.

Date:

10/03/2023

At 2.:00 P.M

All are Welcome

How to compile review of Literature, & Tools

- The Program **How to compile review of literature & Tools** began with a prayer song by the Department Choir, invoking God's presence. All the forum students were present. Dr. D. Joy Christina introduced the Resource Person. This program **How to compile review of literature & Tools** was conducted to give a clear description to the students. **Ms. Immaculate Arokia Sheela** gave a detailed explanation on the topic. A detailed description about the compiling of the review of literature and Tools was elaborated by the Resource Person. On the whole the session of interesting and lot of questions were asked by the forum students. Vote of Thanks was proposed by Ms. Jade of II BA English



 **GPS Map Camera**

Tirupathur, Tamil Nadu, India

GH39+45C, Achamangalam, Tirupathur, Tamil Nadu 635601, India

Lat 12.503215°

Long 78.567616°

10/03/23 12:44 PM GMT +05:30





 **GPS Map Camera**

Tirupathur, Tamil Nadu, India

GH39+45C, Achamangalam, Tirupathur, Tamil Nadu 635601, India


Lat 12.503206°

Long 78.567623°

10/03/23 12:48 PM GMT +05:30






 GPS Map Camera


Tirupathur, Tamil Nadu, India
GH39+45C, Achamangalam,
Tirupathur, Tamil Nadu 635601, India
Lat 12.503222°
Long 78.567627°
10/03/23 12:48 PM GMT +05:30



 GPS Map Camera


Tirupathur, Tamil Nadu, India
GH39+45C, Achamangalam,
Tirupathur, Tamil Nadu 635601, India
Lat 12.503279°
Long 78.567654°
10/03/23 12:50 PM GMT +05:30

Department of History
Sacred Heart College (Autonomous),
Tirupattur

Research Forum

Annual Plan 2022-2023

Research Forum Annual Plan 2022-2023

S.No.	Programme	Resource Person	Date and Month
1	<u>Lecture:</u> Archaeological Excavation in Tamil Nadu	Dr. Yatheeshkumar Archaeologist, Tiruchi Circle, Archaeology Survey of India	16 th August 2022
2	<u>Seminar:</u> Agrarian Patterns and Practices Malayali Tribes of Javvadhu Hills.	Dr. Prabhakar, Anthropologist, French Institute Pondicherry.	29 th August 2022
3	<u>Lecture:</u> Megalithic Culture in North Western Tamil Nadu	Dr. M. Prasanna, Archaeologist, Chennai Circle, Archaeology Survey of India.	9 th Sep.2022

Research Forum Annual Plan 2022-2023

S.No.	Programme	Resource Person	Date and Month
4	Visit Archaeological Field Visit		October 2022
5	Seminar: Water right and Irrigation in the Chola Country.	Dr. K.R. Sankaran, Associate Professor Department of History AVC College (Autonomous), Mannampandal.	15 November 2022

Research Forum Annual Plan 2022-2023

S.No.	Programme	Resource Person	Date and Month
6	Lecture Ecology, Agriculture and Irrigation: Patterns and Practices of Cultivation in Early and Medieval Tamil Country.	Dr. K. Mavali Rajan Assistant Professor, Department of Ancient Indian History, Culture and Archaeology, Viswa- Bharathi (A Central University), Santiniketan, West Bengal.	16th December 2022
7	Book Fair Visit	Final Year Students	21st January 2023

Research Forum Annual Plan 2022-2023

S.No.	Programme	Resource Person	Date and Month
8	Lecture Devadana Settlements in Pandya Country	Dr. K. Thangapandyan, Asst. Professor, Dept. of History, Central University of Tiruvarur.	9th Feb. 2023
9	Lecture Agrarian Conditions in the Kaveri Delta during the Later Cholas	Dr. V. Palanichamy, Asst. Professor, Dept. of History, Arignar Anna Government College, Musiri.	15th March 2023

SACRED HEART COLLEGE (Autonomous),**Tirupattur (Tirupattur District) - 635601.**

(Affiliated to the Thiruvalluvar University, Serkkadu, Vellore)

RESEARCH FORUM ASSOCIATION

[Academic Year : 2022-23]

Department of Commerce [Students Name List]

Sl.	Course	Class	Regn. No	Name of the Student	Category	Contact No.	Signature
1	B.Com.,	2nd Year	BU210103	R. Kavipriya	Female	9080983480	
2	B.Com.,	2nd Year	BU210117	N.T. Aparna	Female	6382821826	
3	B.Com.,	2nd Year	BU210135	G. Akshant Ranka	Male	8825589649	
4	B.Com.,	2nd Year	BU210145	J. Shalini	Female	9080341497	
5	B.Com.,	2nd Year	BU210153	T. Vidhya	Female	9500562188	
6	B.Com.,	2nd Year	BU210159	V. Saran Kumar	Male	6374874556	
7	B.Com.,	2nd Year	BU210168	E. Rubin Kumar	Male	7305044568	
8	B.Com.,	2nd Year	BU210172	R. Perumal	Male	8072899382	
9	B.Com.,	3rd Year	BU200103	P. Sivanesan	Male	8639597793	
10	B.Com.,	3rd Year	BU200104	M. Kishore Kumar	Male	7010067696	
11	B.Com.,	3rd Year	BU200107	S. Kishore Kumar	Male	8940868027	
12	B.Com.,	3rd Year	BU200110	V. Pavithra	Female	9487123855	
13	B.Com.,	3rd Year	BU200113	S. Hemapadminee	Female	6382369069	
14	B.Com.,	3rd Year	BU200114	G. Surya	Male	8667606094	
15	B.Com.,	3rd Year	BU200116	J. J. Joel Alden	Male	7538811321	
16	B.Com.,	3rd Year	BU200117	A. Franklin Renin	Male	6379294331	
17	B.Com.,	3rd Year	BU200121	R. Ebenezer	Male	6369828486	
18	B.Com.,	3rd Year	BU200122	P. Diwakar	Male	8903167701	
19	B.Com.,	3rd Year	BU200130	M. Allen Rozario	Male	7708796303	
20	B.Com.,	3rd Year	BU200131	M. Soniya	Female	9385489398	

SACRED HEART COLLEGE (Autonomous),**Tirupattur (Tirupattur District) - 635601.**

(Affiliated to the Thiruvalluvar University, Serkkadu, Vellore)

RESEARCH FORUM ASSOCIATION

[Academic Year : 2022-23]

Department of Commerce [Students Name List]

Sl.	Course	Class	Regn. No	Name of the Student	Category	Contact No.	Signature
21	B.Com.,	3rd Year	BU200135	K. Kanthammal	Female	9944235563	
22	B.Com.,	3rd Year	BU200145	K. Harshitha	Female	9361582613	
23	B.Com.,	3rd Year	BU200147	M. Godson Wiglif Raj	Male	9677365637	
24	B.Com.,	3rd Year	BU200148	S. Mouleshwaran	Male	9345664421	
25	B.Com.,	3rd Year	BU200162	S. Subalakshmi	Female	7358975377	
26	B.Com.,	3rd Year	BU200173	G. Vivekanandhan	Male	9360386640	
27	B.Com.,	3rd Year	BU200176	S. Prem Kumar	Male	9361289731	
28	B.Com.,	3rd Year	BU200177	V. Agilan	Male	9360208421	
29	M.Com.,	2nd Year	BP210105	M. Vijaya Kumar	Male	6380141656	
30	M.Com.,	2nd Year	BP210106	A. Sathish Kumar	Male	7867877632	
31	M.Com.,	2nd Year	BP210110	U. Gowsalya	Female	9944073709	
32	M.Com.,	2nd Year	BP210111	R. Sivaranjani	Female	9384903841	
33	M.Com.,	2nd Year	BP210113	R. Baskar	Male	9600744657	
34	M.Com.,	2nd Year	BP210115	K. Meera	Female	9344196464	
35	M.Com.,	2nd Year	BP210117	A. Manickam	Male	9524167112	
36	M.Com.,	2nd Year	BP210118	P. Gowtham	Male	9361273801	
37	M.Com.,	2nd Year	BP210125	Job Kerketta	Male	7099600364	
38	M.Com.,	2nd Year	BP210126	S. Pavatharani	Female	7904127355	
39	M.Com.,	2nd Year	BP210128	V. Shalshiyaa	Female	9585833465	
40	M.Com.,	2nd Year	BP210133	S. Jagan	Male	9361112651	

**PG AND RESEARCH DEPARTMENT OF
MATHEMATICS – SHIFT I
SACRED HEART COLLEGE (AUTONOMOUS)
TIRUPATTUR.**

RESEARCH FORUM REPORT 2022 – 2023

Report of Research Forum Invited Talk on

Solving Tricky Equations

Date : 19.09.2022

Time : 2.30 pm to 3.30 pm

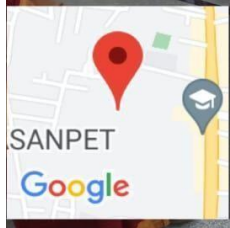
Resource Person : **Dr.A.George Maria Selvam, PG Head,**
PG and Research department of Mathematics,
Sacred Heart College (Autonomous), Tirupattur.

Title : **Solving Tricky Equations**

The Invited Talk was started with Prayer service and Dr. S. Kalaiarasi, Assistant Professor, Department of Mathematics, welcomed the gathering and introduced the resource person **Dr.A.George Maria Selvam, PG Head**, PG and Research Department of Mathematics, Sacred Heart College, (Autonomous), Tirupattur. for the invited talk on the topic Solving Tricky Equations.

Our Resource Person started the session with the basic introduction of Research, and how the Tricky equations are very much useful in Research. He gave a brief explanation about Tricky equations and how to solve such equations.

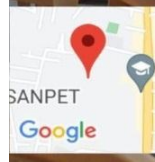
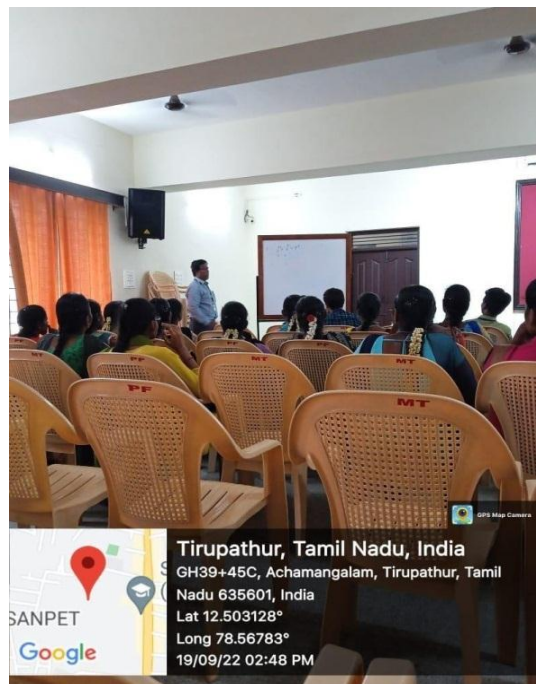
Finally, he solved some Tricky equations ,when Students are very much interested and intracted with our resource person, the session was very much useful to all the Research Forum Students of Mathematics Department - Shift I. After the resource person's talk, the invited talk was concluded with the vote of thanks given by Anita, III B.Sc Mathematics.



Tirupathur, Tamil Nadu, India
GH39+45C, Achamangalam, Tirupathur, Tamil Nadu 635601, India
Lat 12.503198°
Long 78.56763°
19/09/22 02:49 PM



Tirupathur, Tamil Nadu, India
GH39+45C, Achamangalam, Tirupathur, Tamil Nadu 635601, India
Lat 12.5032°
Long 78.567631°
19/09/22 02:48 PM



Tirupathur, Tamil Nadu, India
GH39+45C, Achamangalam, Tirupathur, Tamil Nadu 635601, India
Lat 12.503128°
Long 78.56783°
19/09/22 02:48 PM

Report of Research Forum Invited Talk on

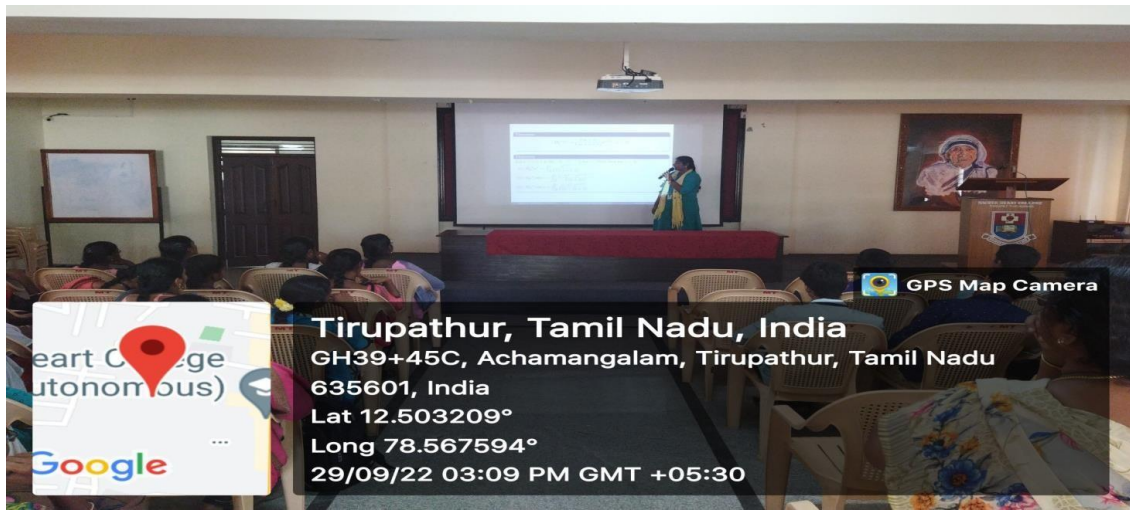
Fractional Calculus and its Application

Date : 29.09.2022
Time : 2.30 pm to 3.30 pm
Research Scholar : **Abisha M**
Department of Mathematics, Sacred Heart
College (Autonomous), Tirupattur.
Title : **Fractional Calculus and its Application.**

The Invited Talk was started with Prayer service and Miss. Vinothini S , II- M.Sc, Department of Mathematics, welcomed the gathering and introduced the Research Scholar Abisha M Research scholar, PG and Research Department of Mathematics, Sacred Heart College, (Autonomous), Tirupattur, for the invited talk on the topic Fractional Calculus.

Our Research Scholar started the session with the basic introduction of Research, and how the Fractional Calculus are very much useful in Research. She gave a brief explanation about Fractional Calculus and how to solve equations.

Finally, she explained about Fractional Calculus equations and its application, when Students are very much interested and intructed with our Research Scholar, the session was very much useful to all the Research Forum Students of Mathematics Department - Shift I. After the Research Scholar's talk, the invited talk was concluded with the vote of thanks given by Miss. Prathisha . S , III B.Sc Mathematics.



Report of Research Forum Invited Talk on

Fractional Calculus and its Application

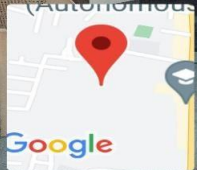
Date : 12.10.2022
Time : 2.30 pm to 3.30 pm
Research Scholar : Mr. S. Britto Jacob

Assistant Professor, Department of
Mathematics, Kristu Jayanti College
(Autonomous), Bangalore, Karnataka.
Title : **Fractals in Real Life.**

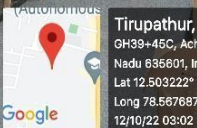
The Invited Talk was started with Prayer service and Mr. Anbarasan , I- M.Sc, Department of Mathematics, welcomed the gathering and introduced the Reseach Scholar **Mr. S. Britto Jacob**, Assistant Professor, Department of Mathematics, Kristu Jayanti College (Autonomous), Bangalore, Karnataka, for the invited talk on the topic Fractals in Real life.

Our Research Scholar started the session with the basic introduction of Fractals, and how it is used in real life which are very much interesting in learning. He gave a brief explanation about Fractals in real life with some real life examples.

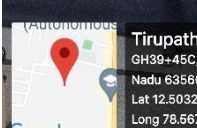
Students are very much interested and intracted with our Research Scholar, the session was very much useful and it explores more real life application to all the Research Forum Students of Mathematics Department - Shift I. After the Research Scholar's talk, the invited talk was concluded with the vote of thanks given by Pavithra, III B.Sc Mathematics.



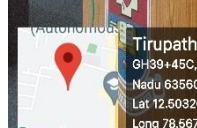
Tirupathur, Tamil Nadu, India
GH39+45C, Achamangalam, Tirupathur, Tamil Nadu
635601, India
Lat 12.503198°
Long 78.56769°
12/10/22 02:45 PM GMT +05:30



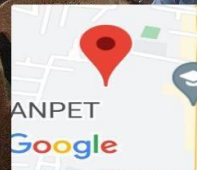
Tirupathur, Tamil Nadu, India
GH39+45C, Achamangalam, Tirupathur, Tamil Nadu 635601, India
Lat 12.503222°
Long 78.567687°
12/10/22 03:02 PM GMT +05:30



Tirupathur, Tamil Nadu, India
GH39+45C, Achamangalam, Tirupathur, Tamil Nadu 635601, India
Lat 12.503247°
Long 78.567688°
12/10/22 02:41 PM GMT +05:30



Tirupathur, Tamil Nadu, India
GH39+45C, Achamangalam, Tirupathur, Tamil Nadu 635601, India
Lat 12.503202°
Long 78.567613°
12/10/22 02:39 PM GMT +05:30



Tirupathur, Tamil Nadu, India
GH39+45C, Achamangalam, Tirupathur, Tamil Nadu 635601, India
Lat 12.50322°
Long 78.567639°
12/10/22 02:36 PM GMT +05:30

Report of Research Forum Invited Talk on

MATLAB – Gentle Introduction

Date : 20.10.2022
Time : 2.30 pm to 3.30 pm
Resource person : **Mr. M. Maria Sagaya Nathan,**
Assistant Professor, Department of
Mathematics, Sacred Heart College
(Autonomous), Tirupattur.
Title : **MATLAB – Gentle Introduction**

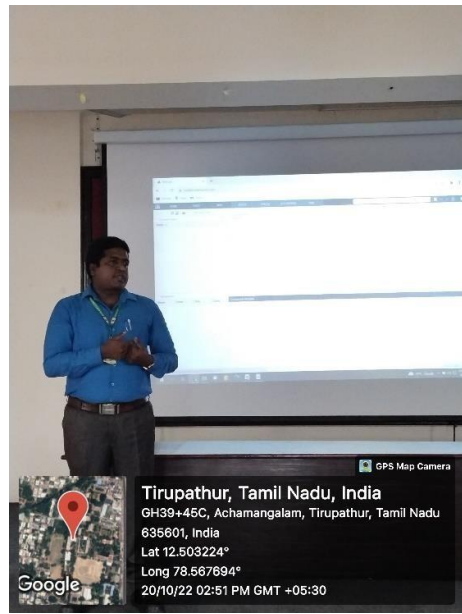
The Invited Talk was started with Prayer service and Miss. J. Hemrudha, III – B. Sc Department of Mathematics, welcomed the gathering and introduced the Resource person, **Mr. M. Maria Sagaya Nathan**, Assistant Professor, Department of Mathematics, Sacred Heart College (Autonomous), Tirupattur, for the invited talk on the topic MATLAB.

Our professor started the session with the basic introduction of MATLAB, and how it is used in Mathematics which are very much interesting in learning. He gave a brief explanation about MATLAB and how to use it.

Students are very much interested and interacted with our Resource person, the session was very much useful and it explores more ideas about MATLAB to all the Research Forum Students of Mathematics Department - Shift I. After the Resource person's talk, the session was concluded with the vote of thanks given by Miss. S. Prathisha, III - B. Sc Mathematics.



Tirupathur, Tamil Nadu, India
GH39+45C, Achamangalam, Tirupathur, Tamil Nadu
635601, India
Lat 12.503214°
Long 78.567674°
20/10/22 02:45 PM GMT +05:30



Tirupathur, Tamil Nadu, India
GH39+45C, Achamangalam, Tirupathur, Tamil Nadu
635601, India
Lat 12.503224°
Long 78.567694°
20/10/22 02:51 PM GMT +05:30



Tirupathur, Tamil Nadu, India
GH39+45C, Achamangalam, Tirupathur, Tamil Nadu 635601,
India
Lat 12.503304°
Long 78.56773°
20/10/22 02:43 PM GMT +05:30



Tirupathur, Tamil Nadu, India
GH39+45C, Achamangalam, Tirupathur, Tamil Nadu 635601,
India
Lat 12.50328°
Long 78.567718°
20/10/22 02:44 PM GMT +05:30



Tirupathur, Tamil Nadu, India
GH39+45C, Achamangalam, Tirupathur, Tamil Nadu
635601, India
Lat 12.503258°
Long 78.567712°
20/10/22 03:36 PM GMT +05:30



Tirupathur, Tamil Nadu, India
GH39+45C, Achamangalam, Tirupathur, Tamil Nadu
635601, India
Lat 12.503228°
Long 78.567618°
20/10/22 02:43 PM GMT +05:30

Report of Research Forum Invite Talk

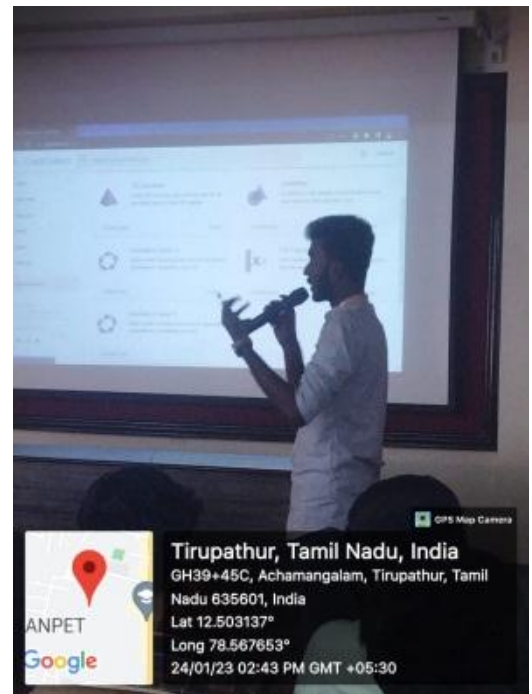
GeoGebra Introduction

Date : 24.01.2023
Time : 2.30 pm to 3.30 pm
Resource Person : **Mr. J. Naveen Kumar**
PG student Department of
Mathematics, Sacred Heart College
(Autonomous), Tirupattur.
Title : **Geogebra Introduction**

The Invited Talk was started with Prayer service and Dr. S. Kalaiarasi, Assistant Professor, Department of Mathematics, welcomed the gathering and introduced the resource person **Mr.J. Naveen Kumar, PG student**, Department of Mathematics, Sacred Heart College, (Autonomous), Tirupattur. for the invited talk on the topic Introduction GeoGebra.

Our Resource Person started the session with the basic introduction of GeoGebra, and how to access the software and they are very much useful in Projects and Research. He gave a brief explanation about using GeoGebra.

Finally, he explained how to plot a point , draw a line, draw a circle and asked some students to do the same. Students are very much interested and intracted with our resource person, the session was very much useful to all the Research Forum Students of Mathematics Department - Shift I. After the resource person's talk, the invited talk was concluded with the vote of thanks given by Don Richard, II M.Sc Mathematics.



Report of Research Forum Invite Talk

GeoGebra class 2

Date : 03.02.2023
Time : 2.30 pm to 3.30 pm
Resource Person : Mr. C. Kishor PG student

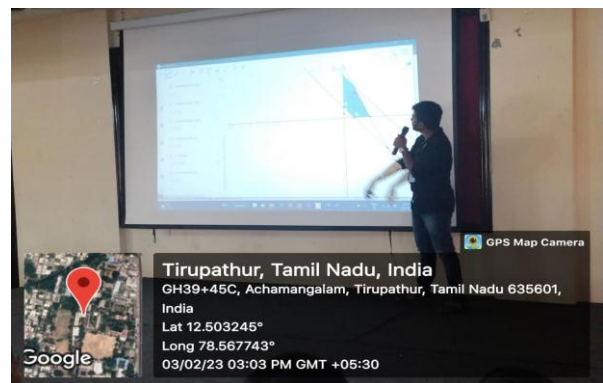
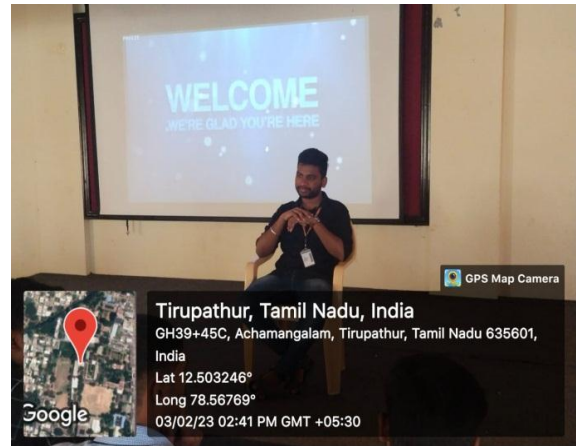
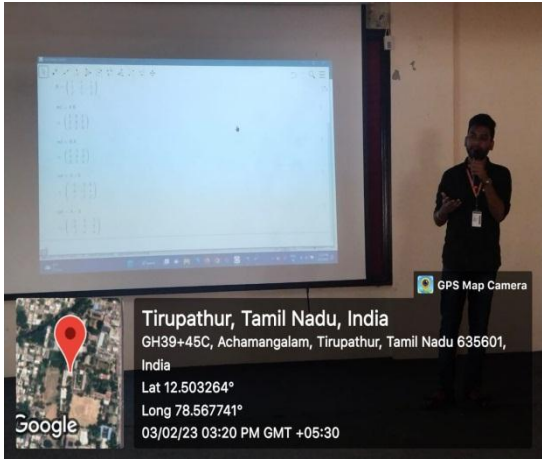
Department of Mathematics, Sacred Heart College
(Autonomous), Tirupattur.

Title : GeoGebra in LPP and Matrix

The Invited Talk was started with Prayer service and Dr. S. Kalaiarasi, Assistant Professor, Department of Mathematics, welcomed the gathering and introduced the resource person **Mr. C. Kishor , PG student**, Department of Mathematics, Sacred Heart College, (Autonomous), Tirupattur. for the invited talk on the topic GeoGebra on next level.

Our Resource Person started the session with recall introduction of GeoGebra, and he taught us how to plot the bounded region, how to find the corner points of the bounded region. He taught us how to solve a Linear Programming Problem using GeoGebra.

Finally, he explained how to put matrix in geogebra and teach the addition, subtraction, determinant of matrix, adjoint , transpose and inverse of matrix. Students are very much interested and intracted with our resource person, the session was very much useful to all the Students of Mathematics Department - Shift I. After the resource person's talk, the invited talk was concluded with the vote of thanks given by Charles Xavio, II M.Sc Mathematics.



PG AND RESEARCH DEPARTMENT OF MATHEMATICS – SHIFT I
SACRED HEART COLLEGE (AUTONOMOUS) TIRUPATTUR.

RESEARCH FORUM REPORT 2022 – 2023

Sl.No.	Date & Time	Title	Resource Person
1	19.09.2022 Time : 2.30pm to 3.30 pm	Solving Tricky Equations	Dr. A. George Maria Selvam., PG Head, PG and Research Department of mathematics, Sacred Heart College (Autonomous), Tirupattur.
2	29.09.2022 Time : 2.30pm to 3.30 pm	Fractional calculus and its application	M. Abisha ., Ph.D., Research Scholar, PG and Research Department of mathematics, Sacred Heart College (Autonomous), Tirupattur.
3	12.10.2022 Time : 2.30pm to 3.30 pm	Fractals in real life	Mr. S. Britto Jacob., Assistant professor, Department of Mathematics, Kristu Jayanti college (Autonomous), Bengaluru, Karnataka.
4	20.10.2022 Time : 2.30pm to 3.30 pm	MATLAB – Gentle introduction	Mr. M. Maria Sagaya Nathan., Assistant Professor, Department of Mathematics, Sacred Heart College (Autonomous), Tirupattur.
5	24.01.2023 Time : 2.30pm to 3.30 pm	GeoGebra - Introduction	Mr. J. Naveen Kumar., II-PG student, Department of mathematics, Sacred Heart College (Autonomous), Tirupattur.
6	03.02.2023 Time : 2.30pm to 3.30 pm	GeoGebra in LPP and Matrix	Mr. C. Kishor., II-PG student, Department of mathematics, Sacred Heart College (Autonomous), Tirupattur.

**SACRED HEART COLLEGE, (AUTONOMOUS),
TIRUPATTUR, TIRUPATTUR., DT
PG AND RESEARCH DEPARTMENT OF MATHEMATICS
RESEARCH FORUM - ANNUAL PLAN
FOR THE ACADEMIC YEAR 2022 – 2023**

President: Dr. S. Kalaiarasi

Secretary: C. Kishore (AP210233)

Joint Secretary: A.Anitha (AU200264)

Date	Event
I week of August 2022	In-house lecture – I Resource person:: Dr.A. George Maria Selvam, HOD, Associate Professor, Dept of Mathematics, SHC, Tirupattur. Topic: Applications of Mathematics in various Fields.
I week of September 2022	Invited talk Resource person: Dr. S.Balakrishnan, Asst.Prof of Maths , Islamiah College, Vaniyambadi. Topic: Recent advances in Research
II week of October 2022	Film Screening-1 Title of the Film: A Brilliant Young Mind
IV week of January 2023	In-house Lecture – II Resource person: M.Abisha , Ph.D Research Scholar. Topic: The Elliptic Theta Function
I week of February 2022	Invited Talk Resource person: Mudassirur Rahman .P.M ,Asst.Prof of Maths, Masurullum College, Ambur Topic : Interval Linear Programming Problems
IV week of February 2022	In-house Lecture – III Resource person: Abraham Vianni, Ph.D Research Scholar. Topic: Transforms and its Applications
I week of March 2022	Film Screening-II

**SACRED HEART COLLEGE (AUTONOMOUS),
TIRUPATTUR**

Department of Mathematics (Shift - II)

Research Forum Mid-term Report

2022 – 2023

Heads of the Department : Dr. S.U. Vasanthakumar (PG)

Prof. S. Savitha (UG)

Research Forum Coordinator : Dr. T. G. Gerly

Secretary : S. Puvizhi (BP210220)

Joint Secretary : J. Naveen Kumar (BU200226)

S. NO	Date	Activities
1	16-09-2022	Invited talk on “Applications of Mathematics” by Prof. L. Vikraman, Assistant Professor, Government Thirumagal Mills College, Gudiyattam
2	27-09-2022	Participated in the National Seminar on “ Graph Theory and its Advancements in Networking and Math Games ” organized by the Department of Mathematics, Don Bosco college, Dharmapuri, and won prizes.
3	28-09-2022	Written Quiz on “Logic and Reasoning”
4	29-09-2022	Student Seminar on“ Applications of Mathematics”.
5	13-10-2022	In-house Lecture on “Application of Graph Theory” by Miss. V. Rexma Sheriene, Research Scholar, Department of Mathematics, Sacred Heart College .

**SACRED HEART COLLEGE (AUTONOMOUS),
TIRUPATTUR**

Department of Mathematics (Shift - II)

Research Forum Report

2022 – 2023

Heads of the Department : Dr. S.U. Vasanthakumar (PG)

Prof. S. Savitha (UG)

Research Forum Coordinator : Dr. T. G. Gerly

Secretary : S. Puvizhi (BP210220)

Joint Secretary : J. Naveen Kumar (BU200226)

S. NO	Date	Activities
1	16-09-2022	Invited talk on “Applications of Mathematics” by Prof. L. Vikraman, Assistant Professor, Government Thirumagal Mills College, Gudiyattam
2	27-09-2022	Participated in the National Seminar on “ Graph Theory and its Advancements in Networking and Math Games ” organized by the Department of Mathematics, Don Bosco college, Dharmapuri, and won prizes.
3	28-09-2022	Written Quiz on “Logic and Reasoning”
4	29-09-2022	Student Seminar on “Applications of Mathematics”.
5	13-10-2022	In-house Lecture on “Application of Graph Theory” by Miss. V. Rexma Sheriene, Research Scholar, Department of Mathematics, Sacred Heart College .
6	21-10-2022	Math Hunt-22

7	03-03-2023	Presented papers in the National Level Conference on “ Recent trends in Mathematics, Statistics and Applied Science ” organized by the Department of Mathematics, Selvamm Arts and Science College (Autonomous), Namakkal.
8	13-03-2023	In-house Lecture on ‘‘Introduction to Fractional calculus’’ by Miss. M. Abisha, Research Scholar, Department of Mathematics, Sacred Heart College .
9	14-03-2023	Participated in the Intercollegiate events organized by the Department of Mathematics, Don Bosco college, Yellagiri, in view of International PI Day and won overall trophy.
10	24-03-2023 and 25-03-2023	International Conference on Mathematics and its Applications

Students Name List

Class: II B.Sc. Mathematics

Sl. No	Name	Register Number
1.	S. DHIVYABHARATHI	BU210203
2.	P. PRAKASH	BU210209
3.	S. ROSHINI	BU210217
4.	M. PAVITHRA	BU210235
5.	B. KOWSHIK	BU210238

Class: III B.Sc. Mathematics

Sl. No	Name	Register Number
1.	V. POOVIZHI	BU200207
2.	S. LOKESH	BU200213
3.	R. VEDHAVARSHINI	BU200217
4.	A. SHOBANA	BU200218
5.	J. NAVEEN KUMAR	BU200226

Class: I M.Sc. Mathematics

Sl. No	Name	Register Number
1.	B. DIVYA	BP220202
2.	P. KANIMOZHI	BP220203

3.	S. DHACHAYANI	BP220204
4.	R. MAGESHWARI	BP220205

Class: II M.Sc. Mathematics

Sl. No	Name	Register Number
1.	S. KAMALANATHAN	BP210208
2.	M. KAVIYARASU	BP210211
3.	P. SABITHA	BP210212
4.	N. RAMYA	BP210215
5.	A. SOWMIYA	BP210216
6.	KAMAR TAJ D	BP210219
7.	S. PUVIZHI	BP210220

RESEARCH FORUM – ANNUAL PLAN

Department of Microbiology (2022 - 2023)



**Mr. K. Vijay,
Research Forum Coordinator,
Department of Microbiology
Sacred Heart College (Autonomous)
Tirupattur**

Number of Programmes proposed

21 Programmes

**Number of Programmes conducted apart from
Year plan as Proposed**

6 Programmes

SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR

DEPARTMENT OF MICROBIOLOGY

RESEARCH FORUM - ANNUAL PLAN 2022 – 2023



S.NO	MONTH	PROGRAMMES
1	August 2022	Selection of Students (Entrance examination), Secretary and Join Secretary
2	August 2022	Group Discussion – I
3	September 2022	SWAYAM Online Course Registration (Odd Semester)
4	September 2022	Students Registration as Member in INDIAN MICROBIOLOGIST SOCIETY
5	October 2022	Invited Plenary Talk – I
6	October 2022	Students Oral Presentation – I
7	November 2022	Group Discussion – II
8	November 2022	Orientation programme on handling of Microbiology Laboratory Instruments
9	November 2022	Invited Plenary Talk – II or Online Video Lecture

10	November 2022	Book Release (Edited by Research Forum Students)
11	December 2022	Group Projects
12	December 2022	One week Laboratory Training Programme (Students will visit the outside Laboratories for training during their Semester holidays)
13	December 2022	Training programme on MS Office, Auto dock, <u>ChemDraw Ultra /ChemSketch</u>
14	January 2022	AIDS Awareness Programme
15	January 2022	Invited Plenary Talk – III or Online Video Lecture
16	January 2022	Laboratory Manual Release (Edited by Research Forum Students)
17	January 2022	SWAYAM Online Course Registration (Even semester)

S.NO	MONTH	PROGRAMMES
18	February 2022	Group Discussion – III
19	February 2022	Quiz Competetion (Online mode through MOODLE)
20	February 2022	Students Oral Presentation – II
21	March 2022	Paper publication in International Journals of Repute

- Research Forum Coordinator and Students Meeting will be conducted on first working day of every month.
- Department Notice Board will be maintained by Research Forum Students (Odd Semester – Girls; Even Semester – Boys)
- Six bright Research forum students (3 Boys & 3 Girls) will be selected to take care the Weak students from I B.Sc & II B.Sc Microbiology students for their studies.
- Weekly classes (Video Lecture) will be conducted for students who are all joined in SWAYAM Online Courses.
- Microbiology Outsourcing work (Antimicrobial testing and Culture Identification) will be done by using Research Forum Students.

OTHER ACTIVITIES OF RESEARCH FORUM STUDENTS

- 1) Department Notice Boards are maintained by Research Forum Students (Odd Semester – Girls; Even Semester – Boys).**
- 2) Ten Research forum students are selected to take care the Remedial classes for Academically weak students from classes such as I B.Sc., II B.Sc., III B.Sc. Microbiology, I and II M.Sc. Applied Microbiology.**
- 3) Microbiology outsourcing works (Antimicrobial testing, Identification) are done by using Research Forum Students.**



SACRED HEART COLLEGE (Autonomous),

Tirupattur - 635 601, Tirupattur Dist., Tamil Nadu, India
Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.31/4 at
'A+' Grade, Affiliated to Thiruvalluvar University

RESEARCH FORUM P.G. DEPARTMENT OF MICROBIOLOGY

LIST OF ACTIVITIES (2022-2023)

The department's research forum focused on providing interested Under-graduate and post-graduate students in the field of microbiology with a comprehensive overview on relevant areas where extensive research can be undertaken. In view of this Mr. K. Vijay, Research Forum Coordinator of the P.G. Department of Microbiology, conducted a screening entrance examination to select candidates for enrollment in the research forum. A total of 60 candidates appeared in the examination and 30 students have been selected based on merit list to effectively contribute for the following activities coordinated by him.

1. Publication

Students were taught the importance of book chapter and article publication. Several under-graduate and post-graduate students have been preparing book chapters, research articles and review articles for publication in SCI/SCOPUS indexed book series and peer-reviewed journals with open access. In addition, ten students have contributed eight article in our college magazine.

Book chapters published

Register No.	Name	Article Reference/Web-link
BP211517	A. SUDHA	Plant-growth promoting and biocontrol metabolites produced by endophytic <i>Pseudomonas fluorescens</i> Press: Springer Link: https://link.springer.com/chapter/10.1007/978-3-031-07559-9_18
BP211509	V. SALOMI	Evolving concepts of Biocontrol of Phytopathogens by endophytic <i>Pseudomonas fluorescens</i> Status: Accepted Press: Springer

Book chapters under preparation by students for CRC press

Register No.	Name	Titles of chapters
BP221504 BP221526	R. KEERTHIVASAN, YUSHRA KHANAM	TECHNOLOGICAL ADVANCEMENTS FOR THE CHEMICAL CHARACTERIZATION OF ESSENTIAL OILS
BP221503 BP221529	E. PRIYA, L.YUVALAKSHMI, S. SWETHA, R. RITHIKA	PHARMACOLOGICAL APPLICATIONS OF <i>Lavandula</i> sp. ESSENTIAL OILS
BP211509 BP211503 BP211523	V. SALOMI, M. NIVETHA, J. JOYCE ANGEL, M. S. SWETHA	THERAPEUTIC PROPERTIES OF <i>Copaifera</i> sp. ESSENTIAL OILS
BP211522 BP211510 BP211521	M. MONISHA, T. M. SADIQUA JABEEN M. DEEPAK KANNAN	ESSENTIAL OILS: A POTENTIAL ANTIMICROBIAL AGENT AGAINST MICROBIAL DISEASES
BP221517 BP221509	R. JOHN AVINASH, R. SNEKA	ROLE OF ESSENTIAL OILS IN DRUG DELIVERY SYSTEM
BP221517 BP221506	R. JOHN AVINASH, J. THULASINATHAN	ESSENTIAL OILS FOR TREATING VARIOUS HUMAN DISORDERS
BP211517 BP211508 BP221510	A. SUDHA, N. MATHAN, S. JOTHIDHARSHINI K. GAYATHRI	PHARMACOLOGICAL POTENTIAL OF <i>Mentha</i> sp. ESSENTIAL OILS
BP211513 BP211519	R. JAYAPRIYA D. VIGNESHWARI	MEDICINAL PROPERTIES OF <i>Origanum</i> sp. ESSENTIAL OILS

2. Attended/ Presented in the Conferences

As part of the research form, a total of eight students have attended a National conference on “CONTAGION 2022-Current Trends & Challenges In Viral Mutant Variants” conducted by Department of Microbiology, Prof. Dhanapalan College of Science and Management (Co. Ed) on 17th September, 2022.

A total of three UG students from our department were selected for the Third Student Research Congress in the theme: Innovations in Health Care held during 28 – 30 September 2022 hosted by University of Mumbai. Ms. K. Gayathri (BU201513), III-B.Sc. Microbiology received 2nd place in the UG category at

national level. She presented in the conference on the title “Pharmacological screening of medicinal plant *Tinospora cardifolia* and its silver nanoparticles against Urinary Tract Infection causing bacteria. One PG student, Mrs. A. Sudha (BP211517) was selected out of 156 participants across the country and presented her paper.

1st Prize - Rohit Pal, Jalpa Jakhotra, Priya Patel
(Department of Pharmaceutical Sciences,
Saurashtra university, Rajkot, Gujarat)

2nd Prize - K. Gayathri, P. Saranraj
(Sacred Heart College, Tirupattur, Tamil Nadu)

2nd Prize - Krishna Butani, Ashish S. Thanki, Priya Patel
(Department of Pharmaceutical Sciences,
Saurashtra University, Rajkot, Gujarat)



A total of 21 UG and PG students from the Department of Microbiology were selected to attend an International Conference on 'Exoplanets and the search for life in the Universe', delivered by Nobel laureate in Physics (2019) Prof. Didier Queloz, FRS, conducted by the Indian Institute of Technology, Madras on 20th October, 2022. The conference provides a great zeal scientific interest in aerobiology and search for life in aerospace and other planets. He clearly pointed out the presence of water and evidence for the existence of life in exoplanets which paved the path for our students with new avenues for future research possibilities.



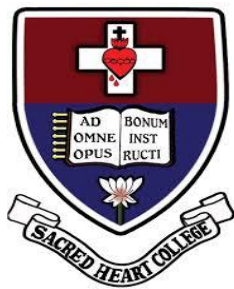
3. Scientific Lab visits

A total 21 students from UG and PG gone for one-day lab visit in the research laboratories of Don Bosco Agriculture college at Sahayathottam, Uriyur – 631151, Vellore, Tamil Nadu



4. Organization of Scientific Events

Our research forum students contributed to their manpower in organizing the science exhibition event Sacred Heart Budding Innovator Award-2022 (SHBIA-2022). They are also preparing their scientific exhibits for the future event Sacred Heart Young Innovator Award (SHYIA 2023) conducted in our college annually.



Sacred Heart College (Autonomous)

Tirupattur - 635601

Research Forum Report - 2022-23

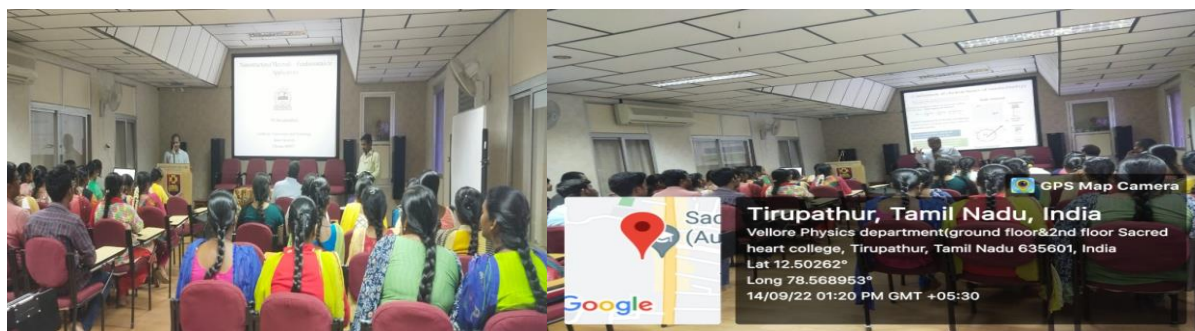
PG and Research department of Physics (Shift - II)

The Faculties from Department of Physics constantly taking effort to ensure/motivate the young minds towards teaching and research. During this academic year 2022-23, During the month of August an invited talk was organized on 30.08.2022 (Tuesday) in Mother Teresa Hall. The resource person Dr. S. Reena Devi, Assistant Professor of Physics, Auxilium College (Autonomous), Vellore. The resource person, Dr. S. Reena Devi, delivered a talk on “James Webb Space Telescope – A new vision of the universe” for about one hour. After the presentation, five students asked for a few clarifications on the topic. It was a meaningful and highly interactive.



The Invited talk is held on 14-09-2022 Wednesday at DMT hall from 01:00 pm to 01:45 pm. Dr. M. Jose(Head of PG shift-2) PG-Department of Physics welcomed the gathering and introduced honorable chief guest Dr.M.ARIVANANDHAM (Associate Professor center of nanoscience and nanotechnology anna university Chennai). The session started with the topic

of "NANOSTRUCTURED MATERIALS-FUNDAMENTALS AND APPLICATION" and he explain the fundamentals of nanotechnology. The session went interactively. the students are very active during the session and interact with the resource person. In the end, chifff guest gives his experience in his current field and work.



A one-day "National conference on Advances in Materials Research" was organized by the PG and Research department of Physics on 30th September 2022. The inaugural session of the conference was held at 10:00 am at Carreno Hall. Rev.Dr.G.Theophil Anand, SDB welcomed the gathering, and Rev. Dr.John Alexander, Rector & Secretary, Sacred Heart College(Autonomous), Inaugurated the National conference by lighting kuthu vilaku and gave the presidential address and he appreciated the department of Physics for grandly organizing such an event. The topic entitled " Natural radioactivity and the associated radiation hazards" Was given by Dr.A.Chandrasekaran, Assistant Professor, SSN College of Engineering, Chennai-10. The topic " Indigenous crystal growth from solutions " was given by Dr.J.Senthil Selvan, Assistant Professor, Department of Nuclear Physics, University of Madras, Chennai-25. The topic entitled " Photon upconversion nanomaterials and their multifunctional applications" by Dr.P.Vikek, Assistant professor, Sri Sankara Arts and Science, Enathur, Kancheepuram-631 561. students gained knowledge about research activity. It was very useful to the students.





SACRED HEART COLLEGE (Autonomous),

Tirupattur - 635 601, Tirupattur Dist., Tamil Nadu, India
Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.31/4 at
'A+' Grade, Affiliated to Thiruvalluvar University

RESEARCH FORUM P.G. & RESEARCH DEPARTMENT OF SOCIAL WORK

LIST OF ACTIVITIES (2022-2023)

The department's research forum focused on providing interested post-graduate students in the field of social work with a comprehensive overview on relevant social work topics where extensive research can be undertaken. In view of this Dr. Clayton Michael Fonceca, Research Forum Coordinator of the P.G. & Research Department of Social Work, coordinated the following activities.

1. Article Publication:

Students were taught the importance of publication. Three post-graduate students have published their research in peer-reviewed journals with open access.

Register No.	Name	Article Reference/Web-link
AP200633	VELANKANI CATHERINE A	Velankani, C.A. and Clayton, M.F. 2022. Employee stress and its impact on their job performance. J. Acad. Indus. Res. 10(3): 34-38. Link: http://jairjp.com/VOLUME%2010%20ISSUE%203%20FEBRUARY%20TO%20MAY%202022/03%20VELANKANI%20RESEARCH%20ARTICLE-JAIR.pdf
AP200626	VENMANI N R	Venmani, N.R., Nidhin George, K. and Fonceca, C.M. 2022. Socio-demographic variables and its impact on the emotional intelligence of employees. J. Acad. Indus. Res. 11(2): 20-25. Link: http://jairjp.com/VOLUME%2011%20ISSUE%202%20OCTOBER%202022%20TO%20JANUARY%202023/01%20VENMANI%20RESEARCH%20ARTICLE-JAIR%20GALLEY%20PROOF.pdf

Register No.	Name	Article Reference/Web-link
AP200631	ANN LOUISA PAUL J	<p>Louisa Paul, J.A. and Fonceca, C.M. 2022. Attrition and retention practices in healthcare sector: Perception of staff nurses during covid-19 pandemic. J. Acad. Indus. Res. 11(1): 11-15.</p> <p>Link: https://jairjp.com/VOLUME%2011%20ISSUE%201%20JUNE%202022%20TO%20SEPTEMBER%202022/03%20ANN%20RESEARCH%20ARTICLE-JAIR.pdf</p>

2. Attending Workshops

As part of the research form, a total of 38 II-MSW students from the Department of Social Work were motivated to attend a ‘One Day National Workshop on SPSS’, conducted by the P.G. & Research Department of Commerce, Sacred Heart College (Autonomous), Tirupattur on 21st October 2022. The workshop provided students with the opportunity to use SPSS (Statistical Package for the Social Sciences); a software program that researchers from a variety of fields use to conduct quantitative analyses on complex data. Rev. Dr. G. Theophil Anand, Vice Principal (Admin. Shift - I), distributed the certificates to the students who participated in the workshop.

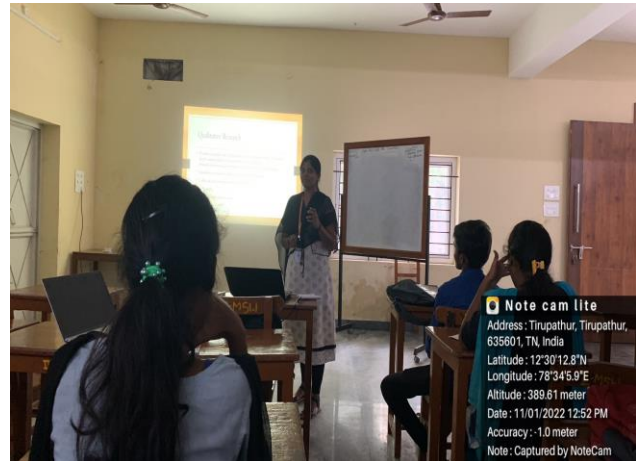


Note cam lite
 Address : Tirupathur, Tirupathur,
 635601, TN, India
 Latitude : 12°30'14.3"N
 Longitude : 78°34'5.9"E
 Altitude : 391.45 meter
 Date : 11/09/2022 08:36 AM
 Accuracy : 1.51 meter
 Note : Captured by NoteCam



3. Qualitative Research

Qualitative research is critical in research studies because it answers "how" and "why" research questions and allows for a more in-depth knowledge of experiences, phenomena, and context. To understand human experience, qualitative research allows researchers to pose questions that cannot be easily answered numerically. As a result, students learned the value of qualitative research. Regardless of the fact that this was an elective, students were urged to handle seminars on the subject. The main focus of this exercise was on various qualitative research methods and their application in the field of social work.



4. Data Collection - (Depression, Anxiety & Stress among Higher Secondary School Students)

II MSW students participated in a large data collection drive using the DASS instrument (Depression, Anxiety, and Stress Scale) to gather data from Higher Secondary School Students in order to examine their levels of depression, anxiety, and stress as part of a data collecting exercise. So far, a total of 591 samples have been gathered. The acquired data would be subjected to numerous statistical analyses, revealing new insights into the study. The findings would be remarkable to the research community and would be published in a reputable online-open access journal (Preferably: in Scopus or WoS indexed).

Copy of the DASS Assessment tool.

Dear Students

I would be obliged if you fill in this questionnaire for the study. I promise that the data given by you will be kept confidential and will be used for academic purposes only; please answer all the questions truly and objectively.

Age					
Domicile	Rural	1	Urban	2	
Gender	Male	1	Female	2	
Department	Comp. Science	1	Bio-Maths	2	Commerce
				3	Science
				4	Others
				5	
No. of family members					
School Type	Govt.	1	Private	2	
School Board	CBSE	1	Matric.	2	ICBSE
				3	State Board
				4	Others
				5	
School Location					
School Mode	Boys	1	Girls	2	Co-Ed
				3	

The rating scale is as follows:

0 Did not apply to me at all

1 Applied to me to some degree, or some of the time

2 Applied to me to a considerable degree or a good part of time

3 Applied to me very much or most of the time

Item	0	1	2	3
1 (s) I found it hard to wind down / breath	0	1	2	3
2 (a) I was aware of dryness of my mouth	0	1	2	3
3 (d) I couldn't seem to experience any positive feeling at all	0	1	2	3
4 (a) I experienced breathing difficulty (e.g. excessively rapid breathing, breathlessness in the absence of physical exertion)	0	1	2	3
5 (d) I found it difficult to work up the initiative to do things	0	1	2	3
6 (s) I tended to over-react to situations	0	1	2	3
7 (a) I experienced trembling (e.g. in the hands)	0	1	2	3
8 (s) I felt that I was using a lot of nervous energy	0	1	2	3
9 (a) I was worried about situations in which I might panic and make a fool of myself	0	1	2	3
10 (d) I felt that I had nothing to look forward to	0	1	2	3
11 (s) I found myself getting agitated	0	1	2	3
12 (s) I found it difficult to relax	0	1	2	3
13 (d) I felt down-hearted and blue	0	1	2	3
14 (s) I was intolerant of anything that kept me from getting on with what I was doing	0	1	2	3
15 (a) I felt I was close to panic	0	1	2	3
16 (d) I was unable to become enthusiastic about anything	0	1	2	3
17 (d) I felt I wasn't worth much as a person	0	1	2	3
18 (s) I felt that I was rather touchy	0	1	2	3
19 (a) I was aware of the action of my heart in the absence of physical exertion (e.g. sense of heart rate increase, heart missing a beat)	0	1	2	3
20 (a) I felt scared without any good reason	0	1	2	3

DASS-21 Scoring Instructions

The DASS-21 should not be used to replace a face to face clinical interview. If you are experiencing significant emotional difficulties you should contact your GP for a referral to a qualified professional.

Depression, Anxiety and Stress Scale - 21 Items (DASS-21)

The Depression, Anxiety and Stress Scale - 21 Items (DASS-21) is a set of three self-report scales designed to measure the emotional states of depression, anxiety and stress.

Each of the three DASS-21 scales contains 7 items, divided into subscales with similar content. The depression scale assesses dysphoria, hopelessness, devaluation of life, self-deprecation, lack of interest / involvement, anhedonia and inertia. The anxiety scale assesses autonomic arousal, skeletal muscle effects, situational anxiety, and subjective experience of anxious affect. The stress scale is sensitive to levels of chronic non-specific arousal. It assesses difficulty relaxing, nervous arousal, and being easily upset / agitated, irritable / over-reactive and impatient. Scores for depression, anxiety and stress are calculated by summing the scores for the relevant items.

The DASS-21 is based on a dimensional rather than a categorical conception of psychological disorder. The assumption on which the DASS-21 development was based (and which was confirmed by the research data) is that the differences between the depression, anxiety and the stress experienced by normal subjects and clinical populations are essentially differences of degree. The DASS-21 therefore has no direct implications for the allocation of patients to discrete diagnostic categories postulated in classificatory systems such as the DSM and ICD.

Recommended cut-off scores for conventional severity labels (normal, moderate, severe) are as follows:

	Depression	Anxiety	Stress
Normal	0-3	0-7	3-14
Mid	10-11	8-8	15-18
Moderate	14-20	10-14	19-25
Severe	21-27	15-18	26-31
Extremely Severe	28+	20+	34+

NB Scores on the DASS-21 will need to be multiplied by 2 to calculate the final score.

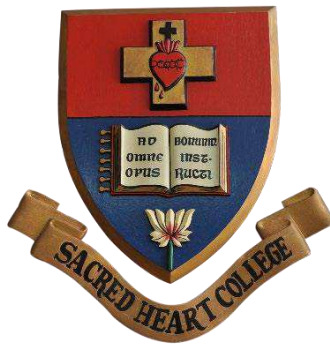
DEPRESSION	3, 5, 10, 13, 16, 17, 21
ANXIETY	2, 4, 7, 9, 15, 19, 20
STRESS	1, 6, 8, 11, 12, 14, 18

RESEARCH FORUM REPORT



PG & RESEARCH DEPARTMENT OF MANAGEMENT STUDIES

Sacred Heart College (Autonomous), Tirupattur - 635601
Tirupattur Dist, Tamil Nadu



Submitted To

Research Director
Sacred Heart College (Autonomous), Tirupattur Tirupattur Dist,
Tamil Nadu

SACRED HEART COLLEGE (Autonomous)

TIRUPATTUR - 635601

RESEARCH FORUM - (2022 - 2023)

1. Department Name : PG and Research Department of Management Studies

2. Staff In-Charge : Dr. J. Sasiganth

Program Details

S. NO	PROGRAMME	Session
1	Introduction to the Research	Dr. R. Arockiamary
2	Writing a Literature Review	Mr. Alexander
3	Session on Research Methodology (SPSS)	Mr. Lawrence
4	Session on Research Methodology	Dr. Sasikumar
5	Technical Session on Research Methodology (MS-Excel-for Data Analysis)	Dr. J. Sasiganth
6	Project Report Writing	Mr. G. Lawrence
7	SPSS Training	Dr. Ananth Anthonisamy
8	Projects for SHYIA	Dr. J. Sasiganth
9	MS-Excel-for Data Analysis Certificate Course – IMBA	Dr. J. Sasiganth & Mr. Lawrence
10	Summer Internship Project – I MBA	All department Faculty
11	Project Work – II MBA	All department Faculty

Research Forum Reports

1. Workshop on SPSS

Event : Workshop
Topic : SPSS Basics
Date : 23/08/2022
Resource Person : Dr. Ananth Anthonisamy, Faculty in Accounting and Finance Department of Business Studies University of Technology and Applied Sciences, IBRA, Sultanate of Oman



- PG & Research Department of Management Studies, Sacred Heart College (Autonomous), Tirupattur, organized one day workshop on “SPSS Basics” for the II MBA students on 23/08/2022.

2. CERTIFICATE PROGRAM ON MS- EXCEL FOR DATA ANALYSIS

Event : **CERTIFICATE PROGRAM**
Topic : **MS- EXCEL FOR DATA ANALYSIS**
Date : **23/08/2022**
Resource Person : **Dr. J. Sasiganth, and Mr. G. Lawrence**



- PG & Research Department of Management Studies, Sacred Heart College (Autonomous), Tirupattur, organized certificate course on “MS-Excel-for Data Analysis” for the I MBA.

3. SHYIA

- **ALL the IMBA students (60) participated & presented projects in Sacred Heart Young Innovator Award (SHYIA) 2023.**
- Ms.Divya, Ms.Mincy, Ms.Deepika, Ms.Sneha and Mr.Muddasir presented a project on **SMART HELMET** has won **second** prize in Sacred Heart Young Innovator Award (SHYIA).




Principal