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Every Good Work

SACRED HEART COLLEGE (AUTONOMOUS)

Tirupattur – 635 601, Tamil Nadu, S.India

Resi : (04179) 220103

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Fax : (04179) 226423

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

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2.2. Catering to Students Diversity

Programmes for Advanced Learners

Research Forum - 2020 - 2021

**Annual Report
on the
Activities of the
Research Forum
2020-21**

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

Research Forum – Commerce Department - Shift 1 – 2020-2021

Coordinator: Dr. G. Prakashraj (9994982102, prakashraj@shcpt.edu)

Student Member List:

Class: Second year

| SI. No. | Name | Register number |
|---------|------------------------|-----------------|
| 1 | Lakshmi Narasimhan N | AU190105 |
| 2 | Santhi P | AU190106 |
| 3 | Poovizhi P | AU190110 |
| 4 | Marshell Samuel Rich S | AU190112 |
| 5 | Sudhakar N | AU190124 |
| 6 | Akila S | AU190134 |
| 7 | Rosario Maria Lauren K | AU190148 |
| 8 | Tembo Nicholas | AU190150 |
| 9 | Williams B | AU190155 |
| 10 | Yogesh S | AU190162 |

Class: Third year

| SI. No. | Name | Register number |
|---------|------------------|-----------------|
| 1 | Aadhira U | AU180101 |
| 2 | Santhosh Kumar M | AU180103 |
| 3 | Priyanka A | AU180107 |
| 4 | Princeton S | AU180109 |
| 5 | Daisykavipriya J | AU180110 |
| 6 | Sugalya R | AU180124 |
| 7 | Tom Cruze S | AU180130 |
| 8 | Monisha V | AU180133 |
| 9 | Jason Leon Gomes | AU180134 |
| 10 | Obathiya A | AU180135 |
| 11 | Alexpijo C | AU180137 |
| 12 | Balaji L | AU180141 |
| 13 | Rathinavel K | AU180144 |
| 14 | Manickavel C | AU180151 |
| 15 | Rama Chandran P | AU180153 |
| 16 | Narmadha K | AU180171 |
| 17 | Saran T | AU180177 |

Department of Commerce

Report of the activities of the Research Forum 2020-2021

We are happy to present the activities of the research forum of our Department during the Academic year 2020-2021.

Our students have participated in the online competitions conducted by the Department of Commerce of various colleges and enriched their knowledge and competence. The Following are the events participated.

DG Vaishnava College, Chennai.

Date of the event: 1.12.2020 to 02.12.2020

Names of the students participated:

AU180107 – Priyanka

AU180109 – Princeton

AU180124 – Sugalya

AU180126 – Ashish Raja

AU180134 – Jason Leon Gomes

AU180149 – Rex Anto Kumar

Ramakrishna College, Coimbatore

Date of the event – 13.02.2021

Names of the students participated:

AU180107 – Priyanka

AU180134 – Jason Leon Gomes

AU180135 - Obathiya

AU180149 – Rex Anto Kumar

The following prizes were won by our students in the events

Ramakrishna College:

Event Name – ‘Find if you can’ – First place by Obathiya

Event Name – ‘Panel Discussion’ – 1st Place by Jason Leon Gomes

Event Name – ‘Open Box Challenge’ – 3rd place by Rex Anto Kumar

DG Vaishnava College:

Event Name – ‘Brain Wars’ – First place by Jason Leon Gomes

Event Name – ‘DG_Biz_Som’ – 1st Place by Jason Leon Gomes

Event Name – ‘Quiz’ – 2nd place by Princeton

Panel Discussion on Union Budget 2021-22

The students of Research Forum have participated as audience in the Panel discussion on the Union Budget 2021-22 organized by the Department of Economics, Sacred Heart College. Dr. G. Prakashraj the research forum coordinator has also participated in the event as a panelist and discussed the impact of the Budget on the Tax regime

Importance of Language in Today’s World

A seminar on “**Importance of Language in Today’s World**” on **20/02/2021** was presented by **Dr. Perumal Kittusamy Asst. Prof. in Linguistics Tamil University, Thanjavur, Tamilnadu.**

The students of the research forum had a very engaging session with Dr. Perumal during which students presented him with various queries to which he answered them in an apt way.

Online Webinar on the Awareness of Investment

An active webinar on the “**Importance of Investing and Awareness of Various Investment Avenues**”, on **03/03/2021** was presented by **Ms. Esther Ravi, Dr. Hepzibah Gnana Sinthiya** headed by **Ms. Gayathri Joshi.**

The webinar was on the awareness on investing and the gains of having invested in other sources to earn a passive income. The webinar invoked the inner investor of every student who attended the session and was filled with many areas of investing prospects and how a person should invest. The active session was useful to all the students and their queries were well answered. The students were all presented with an e-Certificate.

Department of B.Com (CA)-Shift-II -2020-21

Coordinator: Name: Dr.D. Valarmathi,

Mobile No : 9344143262

E-mail : valarmathi@shcpt.edu

Student Member List:

Class: Second Year

| Sl. No. | Name | Register number |
|----------------|-------------------|------------------------|
| 1 | PRIYADHARSHINI. P | BU191202 |
| 2 | JAYARAJ.K | BU191215 |
| 3 | SUBIKSHA.R | BU191230 |
| 4 | SUMITHRA .R | BU191244 |
| 5 | EDISON.D | BU191254 |
| 6 | VINCENT .A | BU191265 |
| 7 | MUDDASSIR. A | BU191267 |
| 8 | HARSAVARTHINI | BU191272 |

Class: Third year

| Sl.No | Name | Register number |
|--------------|--------------------|------------------------|
| 1 | THIRUMALAIM | BU181202 |
| 2 | SRIHARIHARAN.M | BU181203 |
| 3 | SELCIA SENZINY.A | BU181205 |
| 4 | HARINISHREE.S | BU181216 |
| 5 | MARIA JOSEPH .L | BU181222 |
| 6 | SESHATHRIRAM | BU181227 |
| 7 | BHAGYA DHARSHINI.K | BU181234 |
| 8 | MONIKA.K | BU181261 |

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

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

Annual Plan for the Academic Year 2020 - 2021

Staff In-charge: Dr. D.Valarmathi

| S.No | Month | Programmes |
|-------------|--------------|--|
| 1 | July | Inauguration of Research Forum |
| 2 | August | Research forum students meet & Discussion on Research through online platform |
| 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 etc through online |
| 4 | October | Discuss about Preparation of questionnaire Explain about primary and secondary data sources |
| 5 | December | Attending conferences, seminar, workshops etc... through online and encouraging students to prepare the papers |
| 6 | January | Invited talk on analyzing the data collection by using different types of tools |
| 7 | February | Evaluation of Research Forum activities |

Sacred Heart College (Autonomous), Tirupattur
DEPARTMENT OF B. COM (CA)
RESEARCH FORUM
Report- 2020-2021

Inter and Intra programme Participation details

- Research Forum students attended the presentation on Research Methods through Google meet link: <https://meet.google.com/zrs-dmiy-age>. organised by Research Forum in-charge Dr. D. Valarmathi on 07.09.2020.

In that meeting the following topics were explained

- Meaning of Research
 - Types of Research
 - Advantages of Research
 - Research process
 - Identifying Research Gap
-
- Three of our Research Forum Students are participated in the National level Webinar on Designing Alternative assessment and Evaluation Models during COVID -19, On 12.06.2020 organized by Department of Commerce (Accounting and Finance), Women's Christian College, Chennai
 - Three of our Research Forum Students are participated in the Webinar 'Job Skills to Succeed in a Post COVID-19 World on 13.06.2020 organised by Department of Commerce, Anna Adharsh College for women, Chennai
 - 12 of our Research forum students are participated in the National Webinar On the Issues And Implications Of Covid-19 On The Banking and Financial Sector on 04.07.2020 organised by Department of B.Com(CA)
 - Research Forum Students are participated Webinar on Qualities of Successful Entrepreneur" on 30.07.2020 organised by Women Entrepreneurship Development Cell, Marudhar Kesari Jain College for women, Vaniyambadi
 - Our Research Forum students are attended in the National Level Webinar on TAX PLANNING FOR INDIVIDUALS" on 30.07.2020 Department of Commerce, Marudhar Kesari Jain College for women, Vaniyambadi,

- Research Forum Students are participated in the webinar on Education Policy 2020- Challenges and prospects on 17.08.2020 organised by Department of Commerce , Acheriya Institute of Graduate Studies, Bangaluru
- One of our Research Forum student attended the Webinar On Self Transformation through Meditation on 22.08.2020 organised by Department of Value Education, Tamil Nadu Teachers Education
- One of our Research Forum student attended the Webinar On Human Energy Center- Kundalini yoga on 23.08.2020 organised by Department of Value Education, Tamil Nadu Teachers Education
- National level webinar on Digital Marketing on 10.10.2020 organised by Esteemz Foundation, Karnataka
- National Level Webinar on ‘Career Opportunities in Tally and Features of New Tally Prime on 10.02.2021 organised by Department of Commerce, Rev. Jacob Memorial Christian College, Dindigul

Research Forum meeting organized through Google meet link:
<https://meet.google.com/bpa-npjm-egp> on 25th January 2021

In the meeting explain about the following topics

- Research problem
- Data collection
- Tools used for analysis
- Report writing
- Apart from this our Research Forum Students are actively attended many number of Quiz conducted by various colleges through online and got the certificate.

RESEARCH FORUM

Best Students

| S.No | Reg. No | Name |
|-------------|----------------|--------------------------------------|
| 1 | BU181234 | BHAGYA DHARSHINI K, - III B.Com (CA) |
| 2 | BU171267 | MUDDASSIR. A - II B.Com (CA) |

Student 1- she is participated in more than 10 National Level webinars and Quiz through online.

Student 2 - He is attended 6 National level webinar, 1 workshop and quiz

Research Forum Students Participation details for the Academic Year 20-21

| S.No | Organizer | Date | Topic | No of students |
|-------------|--|-------------|---|-----------------------|
| 1 | Department of Business Administration, SHC, Tpt | 09.06.2020 | Accounting for Managers | 1 |
| 2 | Department of Commerce (Accounting and Finance), Women's Christian College, Chennai | 12.06.2020 | Webinar on Designing Alternative assessment and Evaluation Models during Covid -19 | 2 |
| 3 | Department of Commerce, Anna Adharsh college for women, Chennai | 13.06.2020 | The Webinar 'Job Skills to Succeed in a Post COVID-19 World' | 3 |
| 4 | Department of B. Com (CA), SHC, Tpt | 30.06.2020 | National Level Online Quiz on Commerce & Accountancy | 4 |
| 5 | Department of Commerce (CA), SHC, TPT | 04.07.2020 | National Webinar On Issues And Implications Of Covid-19 On The Banking And Financial Sector | 12 |
| 6 | Department of Business Administration , SHC,Tpt | 08.07.2020 | Quiz on national Level Banking and Insurance | 7 |
| 7 | Marudhar Kesari Jain College for women, Vaniyambadi | 30.07.2020 | Qualities of Successful Entrepreneur" | 3 |
| 8 | Department of Commerce, Marudhar Kesari Jain College for women, Vaniyambadi, | 30.07.2020 | National Level Webinar on TAX PLANNING FOR INDIVIDUALS" | 3 |
| 9 | Department of Statistics, Dr. Ambedkar Government Arts College, Vyasarpadi, Chennai. | 05.08.2020 | E-Quiz on DATA SCIENCE | 5 |
| 10 | Department of Commerce , Acheriya Institute of Graduate Studies, Bangaluru | 17.08.2020 | Education Policy 2020- Challenges and prospects | 1 |
| 11 | Tamil Nadu Teachers Education | 22.08.2020 | Webinar On Self Transformation through Meditation | 1 |
| 12 | Department of Value Education, Tamil Nadu Teachers Education | 23.08.2020 | National Webinar on "Human Energy Center- Kundalini yoga | 1 |
| 13 | Women's Cell, SHC, Tpt | 05.09.2020 | How SHG could help women in the COVID -19 | 5 |

| | | | | |
|----|---|------------|--|---|
| 14 | Esteemz Foundation, Karnataka | 10.10.2020 | National level webinar on Digital Marketing | 1 |
| 15 | Department of Commerce, Rev. Jacob Memorial Christian College, Dindigul | 10.02.2021 | National Level Webinar on 'Career Opportunities in Tally and Features of New Tally Prime | 2 |

Department of Business Administration
Sacred Heart College (Autonomous), Tirupattur

Research Forum 2020-2021

Coordinator: Dr. A. Arockia Mary - Contact Number (9789247349)

Student Secretary: A.J. Gokul (BU180704) – Final Year BBA

Final Year Students

| | |
|-------------------------|----------|
| Roobashree. B | BU180710 |
| Vinothini. S | BU180717 |
| C. Divya Ruby Shekhinah | BU180749 |
| A.J. Gokul | BU180704 |
| M. Arockia Felix | BU180745 |
| C. Nithya Shree | BU180712 |
| B. Jenifer | BU180719 |

Second Year Students

| | |
|----------------------|----------|
| Faizan. I | BU190703 |
| Uktha. R | BU190738 |
| Kampingu Vitarina. S | BU190755 |
| Mulenga Paul | BU190756 |

Department of Business Administration
Sacred Heart College (Autonomous), Tirupattur

Research Forum 2020-2021

Coordinator: Dr. A. Arockia Mary - Contact Number (9789247349)

Student Secretary: A.J. Gokul (BU180704) – Final Year BBA

Year plan of BBA., Department - Research forum 2020-2021

| MONTH | ACTIVITY | RESOURCE PERSON |
|--------------|--|----------------------------|
| Aug.2020 | Introduction about research | Dr.A.Arockia Mary - Online |
| Sep.2020 | Identifying the research problem | Dr.A.Arockia Mary - Online |
| Oct.2020 | Collection of review from books and journals | Dr.A.Arockia Mary - Online |
| Nov.2020 | Formulation of objectives | Dr.A.Arockia Mary - Online |
| Dec.2020 | Data collection | Dr.A.Arockia Mary - Online |
| Jan.2021 | Workshop on SPSS | Dr.A.Arockia Mary - Online |
| Jan. 2021 | Interpretation, Suggestion & Conclusion | Dr.A.Arockia Mary - Online |
| Feb.2021 | Completion of article - Publication | Dr.A.Arockia Mary |

Department of Business Administration
Sacred Heart College (Autonomous), Tirupattur

Research Forum 2020-2021

Coordinator: Dr. A. Arockia Mary - Contact Number (9789247349)

Student Secretary: A.J. Gokul (BU180704) – Final Year BBA

Activity carried out through online from Aug. to Dec.2020

| MONTH | ACTIVITY | RESOURCE PERSON |
|--------------|--|----------------------------|
| Aug.2020 | Introduction about research | Dr.A.Arockia Mary - Online |
| Sep.2020 | Identifying the research problem | Dr.A.Arockia Mary - Online |
| Oct.2020 | Collection of review from books and journals | Dr.A.Arockia Mary - Online |
| Nov.2020 | Formulation of objectives | Dr.A.Arockia Mary - Online |
| Dec.2020 | Data collection | Dr.A.Arockia Mary - Online |

Department of Business Administration
Sacred Heart College (Autonomous), Tirupattur

Research Forum 2020-2021

Coordinator: Dr. A. Arockia Mary - Contact Number (9789247349)

Student Secretary: A.J. Gokul (BU180704) – Final Year BBA

Research done by Research forum students

| Name & Reg.No. | Topic |
|-------------------------------|--|
| 1. A.J. Gokul - BU180704 | A Study on Customer Satisfaction towards SGIR real estate groups in Krishnagiri District. |
| 2. Vinothini. S - BU180717 | A study on Online Vs Traditional teaching - Students perception during pandemic period. |
| 3. Roobashree. B - BU180710 | A customer buying behaviour towards Two-Wheeler in Jolarpet, Tirupattur district. |
| 4. Ranjith kumar A – BU180714 | A study on customer satisfaction, experience and opinion about e-shopping with special reference to Amazon in Krishnagiri district. |
| 5. Nithyashree.C – BU180712 | The Behavioral and Techo stress of using Smart phones among young adults in Tirupattur districts. |

Research paper completed by research forum students

S.NO:1

A Study on Customer Satisfaction towards SGIR real estate groups in Krishnagiri District.

A.J. Gokul

Dr.A.Arockia Mary

-
- A.J. Gokul. Final Year BBA,
Sacred Heart College (Autonomous), Tirupattur.
E-mail: gokulannadurai5740@gmail.com
 - Dr.A.Arockia Mary Assistant Professor,
Department of BBA,
Sacred Heart College (Autonomous), Tirupattur.
E-mail: arockiamary@shcpt.edu
-

Introduction

Real estate is the property which consist of land and building on it and also with its natural resources namely, crops, minerals, water, immovable property i.e., building or house in general. The journey of quality life begins with a convenient house. Buying a house is a dream of every Indian wants to be fulfilled.

While studying consumer buying behaviour, we need to think that, every consumer is not the same. Each one differ in taste, preference, needs and according to which they buy the property. Hence, the firm should follow different type of strategy to attract and retain them.

In Spanish real estate means royal. So, it can also interpreted as Royal estate. Real estate can be classified as, Residential estate (for housing), Industrial estate (for warehouse, power plants, and factories), Commercial estate (for office, theatres, hotels, shops and car parks) , Agricultural estate (for farms, orchards) and some special purpose estates (for schools, hospitals etc.,)

Due to rapid growth in population, raising income, decreased household size and need of luxurious house, house shortage leads the demand for residential estate.

The real estate sector comprises of four sub-sectors namely housing, retail, hospitality and commercial. Due to growth of company's corporate sector and demand for office space and accommodation of urban and semi-urban population, leads more demand for real estates.

Review

Linqi Wang (2013) in his topic, “Consumer Buying Behaviour towards real estate on China Vanke co. Ltd.,” identified the following significant factors namely location, price, quality of real estate affects the buying behaviour. Especially, price has the strong negative effect on the willingness of buying real estate products.

The respondents were most satisfied with the location, quality, and affiliated facilities by China Vanke co. Ltd., Through internet and advertisement in TV respondents were aware of the China Vanke co. Ltd, real estate.

Prof. Kavitha Kamath, Dr. Madhura Jagtap (2018), found that, most of the respondents purchase flats for residential purpose and they prefer loan facility from public sector banks to buy the flats.

Advertisement through internet and other media has been used as the main source of creating awareness. The respondents expect the following amenities i.e., swimming pool & club house followed by pathways, Amphitheater with guest parking etc.,

There were few studies found on this topic but that too fails to address the Krishnagiri district. Hence, the researcher had thirst in choosing this topic for the research purpose.

Methodology

For the purpose of this study, the researcher used convenience sampling method. The researcher approached the SGIR real estate group owner and got previous permission for pilot study and pre-test of samples. To collect data, the researcher gathered the name list, contact details of the customers and met them in person & also through mobile interview collected data. The researcher collected only one hundred samples. Everything found in order and nothing has been rejected. The researcher used primary and secondary data. The questionnaire was used to collect primary data. The secondary data was collected from book, journals from library, e-journals, conference preceding etc.,

Objective

To study the customer satisfaction towards SGIR real estate in Krishnagiri district.

Limitations

The researcher concentrated only SGIR real estate groups prevails in Krishnagiri district. Due to short duration of time and completion of course work the researcher approached only 100 customers. Hence, sample size is restricted to only hundred.

DATA ANALYSIS AND INTERPRETATION

I. Personal Profile

| | Particulars | | |
|---|---------------------------|-----------------|------------|
| 1 | Gender | Male | 100% |
| | | Total | 100% |
| 2 | Age | Below 30 | 4% |
| | | 30-40 | 65% |
| | | 41-50 | 22% |
| | | Above 51 | 9% |
| | | Total | 100% |
| 3 | Location | Rural | 43% |
| | | Urban | 57% |
| | | Total | 100% |
| 4 | Marital Status | Married | 97% |
| | | Unmarried | 3% |
| | | Total | 100% |
| 5 | Educational Qualification | SSLC | 2% |
| | | HSC | 9% |
| | | UG | 58% |
| | | PG | 19% |
| | | Diploma | 12% |
| | | Total | 100% |
| 6 | Occupation | Professionals | 85% |
| | | Business People | 13% |
| | | Farmer | 2% |
| | | Total | 100% |
| 7 | Monthly Salary | Below 20000 | 12% |
| | | 21,000-30,000 | 56% |
| | | 31,000-40,000 | 24% |
| | | 41,000-50,000 | 6% |
| | | Above 51,000 | 2% |
| | | Total | 100% |

It is evident from the above table that, 65% of the respondents were between the age group of 30-40 years; 57% of the respondents were belong to urban area; 97% of the respondents were married; 58% of the respondents have completed UG degree; 85% of the respondents were professionals; and 56% of the respondents earn Rs.21000-Rs. 30000.

II. Customer Satisfaction towards SGIR real estate groups

| S.No | Particulars | Variables | Percentage |
|------|---|-----------------------------------|------------|
| 1. | Intention to buy plots | Yes | 100% |
| | | Total | 100% |
| 2. | Real estate plots of SGIR | Very strong | 23% |
| | | Strong | 37% |
| | | Some extent | 39% |
| | | Not at all | 1% |
| | | Total | 100% |
| 3. | The most selling points of SGIR plots | Location | 26% |
| | | Quality | 16% |
| | | Affiliates | 17% |
| | | Design and Style | 21% |
| | | Competitive price | 20% |
| | | Total | 100% |
| 4. | The media which they know about SGIR | News paper | 3% |
| | | Word of Mouth | 24% |
| | | TV | 17% |
| | | Internet | 19% |
| | | Real estate fair | 28% |
| | | Outdoor advertisement board | 9% |
| | | Total | 100% |
| 5. | The purpose of buying plots | For investment | 11% |
| | | For self-living | 30% |
| | | For Improving the living standard | 27% |
| | | Currently do not have own house | 12% |
| | | For the convenience to work | 20% |
| | | Total | 100% |
| 6. | Is this your time of buying plots | Yes | 90% |
| | | No | 10% |
| | | Total | 100% |
| 7. | The way they buy the plots | By loan | 19% |
| | | By cash | 81% |
| | | Total | 100% |
| 8. | The main factors of consideration of buying plots | Location | 28% |
| | | Environment | 8% |
| | | Affiliated facilities | 19% |

| | | |
|--|----------------|------|
| | Transportation | 5% |
| | Design | 18% |
| | Price | 22% |
| | Total | 100% |

100% of the respondents were interested in buying plots; 39% of the respondents agreed that, at some extent the real estate plots of SGIR were appealing to them; 26% of the respondents agreed that, location is the most selling points of SGIR; 28% of the respondents know about SGIR through real estate fair; 30% of the respondents buy plots for the purpose of self-living; 90% of the respondents feels that it is the best time to buy plots; 81% of the respondents uses ready cash method to buy plots; 28% of the respondents made an investment due to the factors of considerations of buying plots.

III. Agreement Towards the following statements

1-Strongly agree, 2-Agree, 3-Neither agree nor disagree, 4-Disagree

| S.No | Particulars | 1 | 2 | 3 | Total |
|------|---|------------|-----|------------|-------|
| 1 | The plots of SGIR are really good, it is the symbol of one's social status. | 68% | 28% | 4% | 100% |
| 2 | Willingness to buy the real estate plots of SIGR | 61% | 29% | 10% | 100% |
| 3 | The higher the real estate plots of SGIR the lesser intention you will show in buying it | 65% | 25% | 10% | 100% |
| 4 | Buying the real estate of SGIR because the price of SGIR will increase. | 60% | 32% | 8% | 100% |
| 5 | People are interested in real estate plots of SGIR because they believe in the Quality Control of SGIR. | 73% | 21% | 6% | 100% |
| 6 | You come to visit the sales centre of SGIR because the promotion of the company has expressed you. | 56% | 30% | 14% | 100% |
| 7 | Willingness you will show in buying the real estate of SGIR | 48% | 25% | 33% | 100% |
| 8 | The existence of affiliated facilities nearby can increase the willingness of the | 20% | 10% | 70% | 100% |

| | | | | | |
|---|--|-----|-----|----|------|
| | buying real estate SGIR. | | | | |
| 9 | SGIR is trustworthy than the other real estate considering there are many other real estates | 77% | 16% | 7% | 100% |

The above table indicates that, 68% of the respondents were strongly agree to the concept that, the plots of SGIR are really good, it is the symbol of one in social status; 61% of the respondents were strongly agree to the concept of “The better location of the real estate will increase in their willingness to buy the real estate plots of SGIR.”; 65% of the respondents were strongly agree to the concept of the “higher the real estate price of SGIR the less intention will show in buying it.”; 60% of the respondents were strongly agree to the concept of “buying the real estate plots of SGIR, because the price of SGIR will increase” 73% of the respondents were strongly agree to the concept of “I am interested in real estate plots of SGIR because they believe the quality control of SGIR plots is good”; 56% of the respondents were strongly agree to the concept of “I have interest to visit the sales centre of SGIR because the promotion of the company has expressed me”; 48% of the respondents were strongly agree to the concept of “the better the quality of external environment, the more willingness I will show in buying the real estate of SGIR,”; 70% of the respondents were strongly disagree to the concept of “the existence of affiliated facilities nearby can increase willingness of buying real estate of SGIR”; 77% of the respondents were strongly agree to the concept of “SGIR is most trustworthy that the other estate”

Findings, Suggestions and Conclusion

The researcher found that, there were good rapport found among the customers of SGIR real estate prevails in the midst of Krishnagiri district. Most of interested parties were married people, doing professionals jobs and between 30-40 years of age group. This SGIR real estate group attract potential customers by way of getting feedback from existing ones and rectifying the grievances and also keep in touch with them in regular intervals.

The following suggestions were made by the researcher, not only selling the plots but also SGIR real estate groups try to concentrate on the activities like construction of building based on customer’s taste and preference.

Before making purchase of plots, customers were asked to check the following details namely, EC, Land registration details, NOC from government, Government Land value, Location, Registration fee, Commission fee, Document fee etc., So, that they may not be misguided.

To conclude, everyone in the world should try to live in their own house.

For this purpose, Once in a life time, customers knock the door of the real estate companies / groups for purchase of plots in Urban areas.

In such case, the companies should give detailed information to the customers but the agent should not misuse or misguide the customers. Once if they give good guidance, the customer become consumer and they will bring more potential customers in to the organisation. This way real estate business will grow.

Reference:

1. Linqi Wang (2013), "Consumer Buying Behaviour towards real estate on China Vanke co. Ltd";
2. Prof. Kavitha Kamath, Dr. Madhura Jagtap (2018), "Consumer Behaviour for real estate sector in Pune."

S.NO:2

A study on Online Vs Traditional teaching - Students perception during pandemic period

*Vinothini. S

** Dr.A.Arockia Mary

*Vinothini.S, Final year BBA, Sacred Heart College (Autonomous) Tirupattur.

e-mail: vinothiniagalya@gmail.com

** Dr.A.Arockia Mary, Assistant professor, Department of BBA, Sacred Heart College (Autonomous) Tirupattur. e-mail: arockiamary@shcpt.edu

Abstract

In this modern life, the use of technology plays an indispensable part in every one's life. The young generations of today were called digital Natives or net generation because they spent much of their time playing games, using YouTube, WhatsApp, Facebook, Telegram, Instagram etc., So, they are the biggest consumer of this new technology. During this pandemic situation, the use of the mobile phone drastically changes not only for non – academic purpose but also academic purpose. The researcher reviewed the international and national level journals and found few studies related to the topic, but that too does not study the perception of students during the pandemic period. So, the researcher had thrusts in studying this topic and found that the respondents feel that online teaching is cost effective and it helps them to gain knowledge through searching subject related matters on their own. But, they feel stressed by not meeting friends/colleagues. Due to internet problems i.e., network problems, some of them felt difficult in writing tests, sending assignments etc., for this research purpose, the researcher used a frequency table.

Key words: Online teaching, Traditional teaching

Introduction

In this modern life, the use of technology plays an indispensable part in every one's life. The young generations of today were called as digital Nations or net generation because they spent much of their time playing games, using YouTube, WhatsApp, Facebook, Telegram, Instagram etc., So, they are the biggest consumer of this new technology. During this pandemic situation, the use of the mobile phone drastically changes not only for non – academic purpose but also academic purpose. At present i.e. Students have stayed in their home for more than 10 months, they are studying through online. Before the pandemic period, they had undergone traditional classes. They had face-to-face interaction with teachers / professors. They had personal touch with their colleague's, teachers/professors. But, during the pandemic, they move themselves into online learning. Teachers/professors were asked to teach through online, irrespective of whether they knew or not; whether they had the required gadget or not. So, the researcher had thrust in studying the perception of Tenth, Twelfth, UG & PG students about the Online Vs Traditional teaching.

Review

Zeynab Behzadi, Azam ghaffari (2011) highlighted the pros and cons of online education. they explained that, through Online education students enjoy greater flexibility, saves their time and money, it is less expensive, and saves nature. At the same time, online

mode of education gives more freedom to the students, hence, they need self-discipline. Next, students miss their campus life. The great disadvantage is internet connection.

Udeni Jayasinghe (2015) concluded that, in the traditional education system the students' performance can be evaluated on informal and formal wages, but in online the students will not be able to get the chance of receiving feedback from teachers.

The researcher reviewed the international and national level journals and found few studies related to the topic, but that too does not study the perception of students during the pandemic period. Hence, this study was carried out by the researcher.

Methodology

For the purpose of the present study, the researcher used a convenient sampling method. The required data was collected from the respondents who under going tenth, twelfth, UG & PG studies. This research study was carried out during the pandemic period. So, the researcher used 'google form' to collect a list which is found in her mobile phone. The questionnaires were sent through the WhatsApp groups, telegram Instagram groups. The researcher requested the participants to circulate the same among their contact groups. Within a short period of time, the researcher received One hundred and twenty five responses. Nothing found incomplete. Hence, All the responses were found suitable for the present study. The researcher restricted the responses to "Only one response". So, everyone can attend only one time. The researcher used only a frequency table for the purpose of completion of the course work at undergraduate level.

Limitations

The researcher used only frequency and percentage analysis because the researcher would like to meet the requirement of academic coursework. The information given by the respondents found bias because researchers were unable to collect the data in person due to a pandemic situation. Due to the very short period of time, the researcher was able to collect only 125 responses. The researcher found very difficult framing questionnaires through google form.

Data Analysis and Interpretation

I. Personal Profile

| S.No. | Particulars | Variable | Frequency | % |
|-------|-------------|----------------------|------------|------------|
| 1. | Gender | Male | 52 | 41.6% |
| | | Female | 73 | 58.45% |
| | | Total | 125 | 100 |
| 2. | Age | Below18years(school) | 46 | 36.8% |
| | | 18-21 years (UG) | 48 | 38.4% |
| | | 21-25years (PG) | 31 | 24.8% |
| | | Total | 125 | 100 |
| | | Below Rs.10,000 | 38 | 30.4% |

| | | | | |
|---|------------------------|----------------------|------------|------------|
| 3 | Parents Monthly Income | Rs.10,000 -Rs.15,000 | 35 | 28% |
| | | Rs.15,000-Rs.20.000 | 28 | 22.4% |
| | | Above Rs.20,000 | 24 | 19.2% |
| | | Total | 125 | 100 |

The researcher would like to highlight the following finding i.e., 38.4% of respondents were between 18 to 21 years of age; (58.45% of them were female members); 30.4% of respondents parents earn below Rs.10,000.

II. Agreement Towards Traditional Vs Online Teaching

[1-Strongly disagree 2- Neither agree nor disagree 3-Strongly agree]

| S.No | Particulars | Variable | Variable | | | Total |
|------|---|-----------|----------|----|----|------------|
| | | | 1 | 2 | 3 | |
| 1. | In class room teaching teacher explain the concept and answers doubts | Frequency | 33 | 14 | 78 | 125 |
| | | % | 26 | 11 | 63 | 100 |
| 2. | Online helps me to learn wherever I want and also at any time | Frequency | 19 | 18 | 88 | 125 |
| | | % | 15 | 14 | 71 | 100 |
| 3. | There could be unanswered doubts remains in the classroom teaching | Frequency | 83 | 18 | 24 | 125 |
| | | % | 66 | 14 | 20 | 100 |
| 4. | Through online, I can learn at my own speed and capacity | Frequency | 23 | 11 | 91 | 125 |
| | | % | 18 | 9 | 73 | 100 |
| 5. | It is not possible to pay individual attention to each students in classroom teaching | Frequency | 78 | 23 | 24 | 125 |
| | | % | 62 | 18 | 20 | 100 |
| 6. | Online address the issues by offering additional information, explanation ,through YouTube videos, and other forms of Resources | Frequency | 18 | 13 | 94 | 125 |
| | | % | 15 | 10 | 75 | 100 |
| 7. | In class room teaching we need to depend on teacher for notes and explanation | Frequency | 74 | 21 | 30 | 125 |
| | | % | 59 | 17 | 24 | 100 |
| 8. | Online, helps me to learn technical skill on my own | Frequency | 25 | 10 | 90 | 125 |
| | | % | 20 | 8 | 72 | 100 |
| 9. | In class teaching, I need to buy books for different subjects, its also costlier | Frequency | 78 | 11 | 36 | 125 |
| | | % | 62 | 9 | 29 | 100 |

| | | | | | | |
|-----|---|-----------|----|----|----|------------|
| 10. | In online, I can easily go through the content, re-read the chapters, listen to audio etc., | Frequency | 22 | 20 | 83 | 125 |
| | | % | 18 | 16 | 66 | 100 |
| 11. | Class room teaching allows students to interact with each other in and outside of the school or college | Frequency | 78 | 21 | 25 | 125 |
| | | % | 63 | 17 | 20 | 100 |
| 12. | Online reduces the dependency on teachers for notes and explanation | Frequency | 17 | 16 | 92 | 125 |
| | | % | 14 | 13 | 73 | 100 |
| 13. | There is too much of paperwork involved in traditional education | Frequency | 79 | 13 | 33 | 125 |
| | | % | 64 | 10 | 26 | 100 |
| 14 | Being social media user, interactive platform encourages us to share, like and comment on course content | Frequency | 69 | 26 | 30 | 125 |
| | | % | 55 | 21 | 24 | 100 |
| 15 | Traditional education helps us to have Face – to – Face contact and helps to raise questions | Frequency | 37 | 14 | 74 | 125 |
| | | % | 30 | 11 | 59 | 100 |
| 16 | I can submit my test assignments online and teachers can view the answers and evaluate them at any time and anywhere. | Frequency | 25 | 18 | 82 | 125 |
| | | % | 20 | 14 | 66 | 100 |
| 17 | In traditional teaching I can have face to face interaction with my classmates | Frequency | 28 | 24 | 73 | 125 |
| | | % | 23 | 19 | 58 | 100 |
| 18 | Online helps to revisit the classes that I have missed | Frequency | 17 | 14 | 94 | 125 |
| | | % | 14 | 11 | 75 | 100 |
| 19 | In class room teaching, networking is less complicated | Frequency | 30 | 21 | 74 | 125 |
| | | % | 24 | 17 | 59 | 100 |
| 20 | | Frequency | 29 | 19 | 77 | 125 |

| | | | | | | |
|--|---|---|----|----|----|------------|
| | E-Books and materials created on software and digitally published and distributed so it is very cheaper in cost | % | 23 | 15 | 62 | 100 |
|--|---|---|----|----|----|------------|

It is evident from the above table that, 63% of respondents strongly agree that “Classroom teaching teacher explain in the concept and answers doubts”; 71% of respondents were strongly agree towards “online helps to learn” where ever they wants and also at any time they want to learn ; 66% of respondents were strongly disagree towards the concept that there could be “unanswered doubts remain in the classroom teaching” ; 73% of respondents were strongly agree with the concept that/they can though “online learn at their own speed and capacity” ; 62% of respondents were strongly disagree to the concept that, “it is not possible to pay individual attention to each students in classroom teaching” ; 75% of respondents were Strongly agree with the concept that, “online address the issue by offering additional information, explanation, through YouTube videos, E-Books and others”; 59% of respondents were strongly disagree to the concept that “In class teaching they need to depend on teacher for notes and explanation”; 72% of respondents were strongly agree that “Online helps me to learn technical skill my own”; 62% of respondents were strongly disagree to the concept that, “In class teaching I need to buy a books for different subjects, it's also costlier”; 66% of the respondents were strongly agree that ,“through Online, they can easily go through the content, Re-read the chapters, listen to audio etc....So there is less pressure”; 63% of respondents were Strongly disagree that, “class room teaching allows the respondents interact with each other in and outside of the school or college”; 73% of the respondents were Strongly agree to the concepts that, “online teaching reduces the dependency on teachers for notes and explanation”; 64% of respondents were strongly disagree that, “there is too much of paperwork involved in traditional education”;

Findings, suggestion & conclusion

Overall, the researcher found the following information during the present study. There was a positive perception found towards online teaching. Really the respondents realized the difference between online and traditional teaching. The respondents feel that online teaching is cost effective and it helps them to gain knowledge through searching subject related matters on their own. But, they feel stressed by not meeting friends/colleagues. Due to internet problem i.e., network problem, some of them felt difficult in writing test, sending assignments etc.,

The following were the suggestions made by the researcher. To keep in touch with the online teaching, after pandemic period, the staff should motivate the students to participate in online quiz, to encourage them to see subject related YouTube videos, to read e-book, to subscribe Kalvi channels etc.,

During regular class hours, the staff should spent minimum of 10 to 15 minutes towards explaining the web sources available for the subject by giving links, website names etc.,

To encourage the students, staff should assign the work like debates, postural presentation etc., So that students should share their knowledge. By all these ways a combination of traditional as well as online teaching makes students participate energetically.

To conclude, the present generation were very familiar with using electronic gadgets, especially mobile phones. During this pandemic period, they were trained to use the same for educational purposes. So, it is written or advised to combine both online and offline methods for teaching in schools and colleges during class hours, staff can motivate the students by

giving links, website names, e-books, e-material names etc., To have an active mode of teaching & learning, both the methods of teaching are necessary.

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S.NO:3

A customer buying behaviour towards Two-Wheeler in Jolarpet, Tirupattur district.

*Roobashree. B

** Dr.A.Arockia Mary

* Roobashree. B, Final year BBA, Sacred Heart College (Autonomous) Tirupattur.

** Dr.A.Arockia Mary, Assistant professor, Department of BBA, Sacred Heart College (Autonomous) Tirupattur. e-mail: arockiamary@shcpt.edu

Introduction

Consumer behaviour is the study of what people consume, where, how often, under what condition they consumer the product. It refers to the act of individuals who are directly involved in obtaining and using the goods and services which leads them to made purchase/ buying decision. Buying is the process it starts when the buyer recognizes the problem or need. Based on the internal and external stimuli, the need can be converted into wants. Hence, purchase/buying takes place. Before making final decision about purchase, a customer need to gather maximum information about the brand, model, price etc., Now-a-days, through internet and social networking sites, feedbacks, online reviews, availability of lastest can be models etc,seen. At present i.e., pandemic situation leads even the poor to afford the two wheeler. Hence, the researcher is thurst in studying What factor motivates them to buy two wheeler? And which brand they prefer? What is the reason for choosing that brand? need of the hour. So, the researcher choose this topic for research purpose.

Review of literature

Sathish.M et.al.,(2011) suggested that, before buying the two wheeler , the customer at first, need to consider their budget ,(purchasing power) their needs, price and then attributes of the product i.e., mileage, availability of spare parts, safety and comfort aspects before buying. They concluded that, majority of the consumers like costly bikes because of the new features, value addition and aesthetic value attracts them. So, To attract more customers, the manufacturers need to do constant research for the purpose of development of new design.

Sheetal Soni et.al.,(2012) concluded that, the consumer made the brand preference based on the mileage, price, maintenance cost and road conditions, friends and spouse plays a major role in making purchase decision. In case of marketing, advertisement plays a major role in marketing automobiles.

Dr.Col Tajammul Hoda (2015), found that majority of the male respondents bough Bajaj brand of bikes; they prefer style and colour as their main priority; mileage and outlook, self start etc ., consider as next priority.

Methodology

The researcher collected one hundred and fifty samples through google from during the pandemic period. Everything found suitable for the study, nothing has been rejected. The researcher adopted convenient sampling method because the prepared questionnaire has been sent through whatsapp group found in the researcher contact list. The researcher restricted the response to 'only one response'. The study area is Jolarpet in Tirupattur district.

Limitation

The present study has the following limitation, the researcher conducted the research with very short duration i.e,Pandemic period. So, samples restricted to only 150 and to meet the academic course work, the researcher used only frequency and percentage analysis.

Data analysis

I. Personal Profile

| S.No. | Particulars | Variable | Frequency | % |
|-------|------------------------------|-----------------------|------------|------------|
| 1. | Gender | Male | 82 | 55 |
| | | Female | 68 | 45 |
| | | Total | 150 | 100 |
| 2. | Age | Less than 20 | 36 | 24 |
| | | 20-30 years | 67 | 45 |
| | | 31-40 years | 34 | 23 |
| | | Above 40 | 13 | 8 |
| | | Total | 150 | 100 |
| 3. | Marital Status | Married | 65 | 43 |
| | | Unmarried | 85 | 57 |
| | | Total | 150 | 100 |
| 4. | Occupation | Business people | 37 | 25 |
| | | Salary Employee | 61 | 41 |
| | | Professional | 52 | 34 |
| | | Total | 150 | 100 |
| 5. | No. Of members in the Family | Up to 3 | 30 | 20 |
| | | 3-5members | 92 | 61 |
| | | More than 5 | 28 | 19 |
| | | Total | 150 | 100 |
| 6. | Monthly Income | Less than Rs.10,000 | 38 | 25 |
| | | Rs.10,000 - Rs.20,000 | 61 | 41 |
| | | Rs.20,001- Rs.30.000 | 42 | 28 |
| | | Rs30,001- Rs.40,000 | 4 | 3 |
| | | Above 40,000 | 5 | 3 |

| | | | | |
|----|------------------------------------|--------------|------------|------------|
| | | Total | 150 | 100 |
| 7. | Two wheeler the respondents bought | Yahama | 42 | 28 |
| | | TVS | 35 | 23 |
| | | Honda | 34 | 23 |
| | | Hero | 20 | 13 |
| | | Bajaj | 19 | 13 |
| | | Total | 150 | 100 |

From the above table, the researcher found that,

55% of respondents were male members; 45% of respondents were belong to the age group of 20-30 years; 57% of respondents were unmarried; 41% of respondents were salaried; 61% of respondents has 3-5 members in their family; 41% of respondents were Rs.10,000-20,000 per month; 28% of respondents were using Yamaha and 23% of respondents were using TVS brands.

II. Factor influence the buying behaviour

| S.No. | Particulars | Variable | Frequency | % |
|-------|--|----------------------------------|------------|------------|
| 1. | Factors that influence to make purchase decision | Advertisement in social Media | 65 | 43 |
| | | Friends influence | 70 | 47 |
| | | Promotion by show room employees | 15 | 10 |
| | | Total | 150 | 100 |
| 2. | Mode of purchase | By ready cash | 105 | 70 |
| | | By instalment | 45 | 30 |
| | | Total | 150 | 100 |
| 3. | Opinion about the price | Costly | 71 | 47 |
| | | Reasonable one | 79 | 53 |
| | | Total | 150 | 100 |

It is evident from the above table that,

47% of respondents known through their friends influence ; 70% of respondents bought the bike by ready cash and 30% of respondents bought through instalment and 53% of respondents opined that the cost of the bike is reasonable one.

**III. Satisfaction level towards Two wheeler
[1-Highly Dissatisfied, 2- Neutral , 3-Highly Satisfied]**

| S.No | Component | Variable | 1 | 2 | 3 | Total |
|------|-----------------------------------|-----------|----|----|-----|------------|
| 1. | Feeling comfortable while driving | Frequency | 14 | 25 | 111 | 150 |
| | | % | 9 | 17 | 74 | 100 |
| 2. | Outlook | Frequency | 9 | 29 | 112 | 150 |
| | | % | 6 | 19 | 74 | 100 |
| 3. | Engine capacity | Frequency | 11 | 31 | 118 | 150 |
| | | % | 7 | 21 | 72 | 100 |
| 4. | Colour of the bike | Frequency | 10 | 20 | 120 | 150 |
| | | % | 7 | 13 | 80 | 100 |
| 5. | After Sales Services | Frequency | 12 | 36 | 102 | 150 |
| | | % | 8 | 24 | 68 | 100 |
| 6. | Maintenance Cost | Frequency | 15 | 34 | 101 | 150 |
| | | % | 10 | 23 | 67 | 100 |
| 7. | Mileage & Performance | Frequency | 13 | 34 | 103 | 150 |
| | | % | 9 | 23 | 68 | 100 |
| 8. | Quality of the bike | Frequency | 13 | 28 | 109 | 150 |
| | | % | 8 | 18 | 72 | 100 |
| 9. | Resale Value | Frequency | 22 | 27 | 101 | 150 |
| | | % | 14 | 18 | 67 | 100 |
| 10. | Availability of spare parts | Frequency | 20 | 28 | 102 | 150 |
| | | % | 13 | 19 | 68 | 100 |
| 11. | Warranty Period | Frequency | 9 | 29 | 112 | 150 |
| | | % | 6 | 19 | 75 | 100 |

The above table reveals the satisfaction level towards the two wheeler brands i.e.,

74% of respondents were highly satisfied with the comfortable driving; 74% of respondents were highly satisfied with the outlook of the two wheeler; 72% of respondents were highly satisfied with the engine capacity; 80% of respondents were highly satisfied towards the colour of the bike. 68% of respondents were highly satisfied with the after sales service; 67% of respondents were highly satisfied with maintenance cost; 68% of respondents were highly satisfied with the mileage and performance; 72% of respondents were highly

satisfied with the quality of the bike; 67% of respondents were highly satisfied with the resale value ; 68% of respondents were highly satisfied with the availability of spare parts and Finally, 75% of respondents were highly satisfied with the warranty period.

IV. General opinion about the Two wheeler.

| S.No. | Particulars | Variable | Frequency | % |
|-------|--|---------------|------------|------------|
| 1. | Average monthly expenditure made by the respondents | Up to Rs.1000 | 25 | 16 |
| | | Rs. 1001-2000 | 85 | 57 |
| | | Rs. 2001-3000 | 33 | 22 |
| | | Above Rs.3001 | 7 | 5 |
| | | Total | 150 | 100 |
| 2. | Average distance covered by the respondents during the month | 0-100 Km | 15 | 10 |
| | | 101-200 Km | 24 | 16 |
| | | 201-300Km | 73 | 49 |
| | | 301- 400 Km | 18 | 12 |
| | | Above 401 Km | 20 | 13 |
| | | Total | 150 | 100 |
| 3. | Respondents agreement towards the recommendation of the two-wheeler to their friends and relatives | Yes | 133 | 89 |
| | | No | 17 | 11 |
| | | Total | 150 | 100 |

57% of respondents were spending Rs.1,001-2,000 per month as monthly expenditure fuel.49% of respondents cover in between 201-300 km of distance per month. 89% of respondents were ready to recommend the two-wheeler brand they have or they use at present to others.

Findings, Suggestion and Conclusion

The researcher found the following i.e,

In India, Two wheeler industry plays a very dominating role in automobile industry because of its suitability, price, mileage, maintenance cost and so on. Now-a-days, Everyone can afford the two wheeler. In this present study, friends influence and advertisement motivates people to buy two wheeler. Majority of the respondents showed their highly satisfaction level towards all the components namely, feeling comfortable, outlook, engine capacity, colour, after sales service, maintenance cost, mileage, quality, Resale value, availability of spare parts and finally warranty period.

The following suggestion were made by the researcher i.e ,

- Based on customers preference, company should introduce new model of bikes, at the same time, through proper advertisement, the company should

communicate or create awareness among its customers about the innovation/ improved features.

- Mileage consider as the main element or motivating factor among two wheeler industry. So, the company should incorporate new technology to enhance better mileage capacity of the engine.
- To increase the satisfaction among the regular customers, the company should uphold the brand image and introduce well equipped means of after sales services.

To conclude, consumer protection Act and consumerism emphasize the importance of consumers. Due to the heterogeneity among the consumers taste and preference , their behaviour leads producers to bring new innovation in the existing products. In this two wheeler industry, new innovation like electric bike, solar bikes etc.,introduced with less affordable price, everyone can buy it and use it in near future.

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S.NO:4

A study on customer satisfaction, experience and opinion about e-shopping with special reference to Amazon in Krishnagiri district.

***Ranjith Kumar.A**

**** Dr.A.Arockia Mary**

***Ranjith Kumar.A**, Final year BBA., Department of BBA., Sacred Heart College (Autonomous), Tirupattur. e-mail id:ranjithagrs2123@gmail.com

**** Dr.A.Arockia Mary**, Assistant professor, Department of BBA, Sacred Heart College (Autonomous) Tirupattur. e-mail: arockiamary@shctpt.edu

Abstract

Shopping become online because most of the people interested to purchase the product due to innovativeness, attractiveness in products, less price compared to traditional markets, saves shopping time, when search products within the budget, comparison can be made with features extra service offered, delivery cost etc., So, New trend in marketing brings birth to e-shopping under the name e-shops, e-web stores, Online store, virtual shop etc., For the purpose of the present study the researcher used frequency table and found that Amazon has highly satisfied customers with nice shopping experience their overall view/opinion is also good.

Keywords: Online shopping, e-shopping, e-stores

Introduction

At present pandemic period, shopping become online because most of the people interested to purchase the product due to innovativeness, attractiveness in products, less price compared to traditional markets, saves shopping time, when search products within the budget, comparison can be made with features extra service offered, delivery cost etc., So, New trend in marketing brings birth to e-shopping under the name e-shops, e-web stores, Online store, virtual shop etc.,

The American e-commerce company founded by Jeff Bezos in July 5th 1994 is now none other than Amazon. It is the second-largest retailer in the world in the term of sales. The aim of online marketing companies is to stay high in the competitive market by the way of cutting marketing cost to reduce the price of the product and services. Through internet companies disseminate the information collects feedback and satisfaction surveys. Customers use the internet not only to buy the products but also to compare the price, features of products and after-sales service facilities provided by the companies. The advantages of online shopping are the availability of a variety of products, global reach, 24 × 7 buying & selling, cheapest, price, variety of offers to etc., So, the researcher tries to conduct customer satisfaction survey by adding customer satisfaction surveys by adding their opinion and experience about e-shopping website namely Amazon.

Review

Dr C.Vijay Vishnu Kumar et.al.,(2019),” suggested that customers need to be educated about the online shopping procedures with proper steps and also the company should give the greater care for the customer’s review and amazon should try to provide a variety of products to attract the customers.

Tanzeel Hussain et. al.,(2020), Concluded that majority of the respondents were highly satisfied with the product and service offered by Amazon. This satisfaction gained by the customers not only the price of the product but also the discount offers, on-time delivery, easy return & exchange, Secured transaction etc.,

A.Lakshmanan (2016), in his paper, made a suggestion that to boost the among existing and online shoppers, the government should provide an adequate legal framework to banks by ensuring the security of transactions, Usage of credit cards by collaborating with banks in terms maintaining online accounts directly.

Methodology

Objectives

Limitations

Data analysis and interpretation

I . Personal profile

| S. No | Particulars | Variables | No. of Respondents | Percentage |
|-------|-------------|----------------|--------------------|------------|
| 1. | Gender | Male | 65 | 47% |
| | | Female | 60 | 53% |
| | | Total | 125 | 100% |
| 2. | Age | Below 25 years | 47 | 37% |
| | | 25 to 35 years | 38 | 31% |
| | | 36 to 45 years | 30 | 24% |
| | | Above 45 years | 10 | 8% |
| | | Total | 125 | 100% |
| 3. | Occupation | Self-employed | 47 | 36% |
| | | Professional | 61 | 49% |
| | | Housewife | 17 | 15% |
| | | Total | 125 | 100% |

| | | | | |
|----|----------------|---------------------|-----|------------|
| 4. | Marital status | Single | 70 | 55% |
| | | Married | 55 | 45% |
| | | Total | 125 | 100% |
| 5. | Monthly income | Less than 10,000 | 40 | 32% |
| | | Rs.10,000 to 25,000 | 25 | 20% |
| | | Rs.25,000 to 40,000 | 45 | 36% |
| | | Above 40,000 | 15 | 12% |
| | | | 125 | 100% |
| 6. | Residence | Rural | 60 | 48% |
| | | Urban | 65 | 52% |
| | | Total | 125 | 100% |

The above table reveals that 53% of the respondents were female; 37% of the respondents belonged to 25 years; 49% of the respondents were professional; 55% of the respondents were single.36% of the respondents earn 25,000 to 40,000; 52% of the respondents were from the urban area.

II – Consumer behaviour towards Amazon

| S.No | Particulars | Variables | No. of Respondents | Percentage |
|------|--|------------------------|--------------------|------------|
| 1. | Frequency of buying the product in Amazon | Occasionally | 35 | 28% |
| | | Frequently | 51 | 41% |
| | | Once in a month | 39 | 31% |
| | | Total | 125 | 100% |
| 2. | Factors that influence to purchase in Amazon | Quality | 29 | 23% |
| | | No hidden cost | 40 | 32% |
| | | No travel to shop | 34 | 27% |
| | | Wide range of products | 22 | 18% |
| | | Total | 100 | 100% |
| | Reason to purchase in Amazon | Best price | 38 | 30% |
| | | Brand | 51 | 41% |

| | | | | |
|----|-----------------------------|------------------------------|-----|------|
| 3. | | Convenience and time savings | 36 | 29% |
| | | Total | 125 | 100% |
| 4. | Items purchased from Amazon | Books | 32 | 25% |
| | | Gifts | 28 | 23% |
| | | Garments | 26 | 21% |
| | | Glossaries | 20 | 16% |
| | | Electronic items | 19 | 15% |
| | | Total | 125 | 100% |
| 5. | Mode of payment | Net banking | 46 | 37% |
| | | Swiping machine | 45 | 36% |
| | | Cash on delivery | 34 | 27% |
| | | Total | 125 | 100% |

It is the evidence from the above table 41% of the respondents were buying product frequently in Amazon; 32 % of the respondents purchase for no hidden cost; 41% of the respondents purchase only in branded items; 25% of the respondents purchase the book from amazon; 37 % of the respondents were paying via net banking; 36% of them use swiping machines for payments.

II – Consumer experience towards Amazon

1 – Strongly disagree, 2 – Neither agree nor disagree, 3 - Strongly agree

| S. No | Particulars | Variables | 1 | 2 | 3 | Total |
|-------|------------------|-----------|-----|-----|-----|-------|
| 1. | Price | Frequency | 30 | 30 | 55 | 125 |
| | | % | 32% | 24% | 44% | 100% |
| 2. | Payment | Frequency | 47 | 24 | 54 | 125 |
| | | % | 38% | 20% | 42% | 100% |
| 3. | Payment security | Frequency | 42 | 25 | 68 | 125 |
| | | % | 26% | 19% | 55% | 100% |
| 4. | Ordered products | Frequency | 38 | 23 | 64 | 125 |
| | | % | 31% | 18% | 51% | 100% |
| | Cost of delivery | Frequency | 46 | 25 | 54 | 125 |

| | | | | | | |
|----|--------------------------|-----------|-----|-----|-----|------|
| 5. | | % | 37% | 20% | 43% | 100% |
| 6. | Wide variety of products | Frequency | 41 | 21 | 63 | 125 |
| | | % | 32% | 17% | 51% | 100% |
| 7. | Desired products | Frequency | 43 | 22 | 60 | 125 |
| | | % | 35% | 17% | 48% | 100% |

The above table reveals the respondents' agreement towards amazon terms and conditions i.e, 46% of the respondents were strongly agreed with the price charged to the product found cheaper in amazon; 42% of the respondents strongly agreed with the payment procedure is convenient in amazon; 55% of the respondents strongly agreed with the Payment procedure is secured in Amazon; 51% of the respondents are agreed that ordered products and supplied products are same in amazon; 42% of the respondents have disagreed with the cost of delivery in Amazon;51% of the respondents were strongly agreed with the wide variety of product is available in Amazon, and finally 48 % of the respondents are agreed that the desired products are available in amazon; 28% of the respondents are agreed online shopping saves time and money.

IV. Consumer opinion/view towards amazon

| S.No | Particulars | Variables | Frequency | % |
|------|--------------------------------------|---------------------------|------------|-------------|
| 1. | Influencing factor | Word of mouth | 40 | 32% |
| | | Advertisement | 32 | 26% |
| | | Blogs | 27 | 22% |
| | | Links from other websites | 14 | 11% |
| | | Promotional mails | 12 | 9% |
| | | Total | 125 | 100% |
| 2. | Overall trustworthy on Amazon | Excellent | 38 | 31% |
| | | Good | 53 | 42% |
| | | Bad | 34 | 27% |
| | | | | |
| | Overall satisfactory level on Amazon | Excellent | 50 | 40% |
| | | Good | 45 | 36% |

| | | | | |
|----|--|-------|-----|------|
| 3. | | Bad | 30 | 24% |
| | | Total | 125 | 100% |

The above table reveals that 32% of the respondents said they aware about amazon website through word of mouth of promotion. 42% of the respondents were feel good in trustworthy of amazon; 40% of the respondents have graded Excellent towards the overall satisfaction of the amazon website.

Findings, Suggestions and Conclusion

Based on the result of the analysis, the researcher found that Amazon has highly satisfied customers with nice shopping experience their overall view/opinion is also good.

The following suggestion is made by the researcher, Amazon is the largest online store with a huge range of products hence to meet rural customers need the delivery service need to improve by selecting appropriate currier service, by selecting appropriate courier service. If product found out of stock necessary steps should be taken as soon as possible to retain the customers. In this study, the female was very familiar with using amazon website for shopping. So little care should be given to attract male prospective customers.

To conclude satisfied customers were the assets of the business satisfy themselves a customer perceive many thing before purchasing the product. If the company meets their expectation then they will be satisfied customer satisfaction in the keyfor the customer retention.

Reference

1. Dr. C .Vijay kumar et:al., R.Gopinath , 2019, “A study on customer satisfaction towards amazon”,JEITR, Volume6 ,Issue 2, February 2019.
2. Tanzeel Hussain et:al., Shivani Gour, 2020, “Customer Satisfaction of shopping experience on Amazon”, International Journal of Advanced Science and Technology Vol. 29, No. 7s, (2020), pp. 3888-3899.
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S.NO:5

The Behavioral and Techo stress of using Smart phones among young adults in Tirupattur districts.

*Nithyashree.C

**Dr. A. Arockia mary

*Nithyashree.C , final year BBA, Sacred Heart college (Autonomous) Tirupattur. E-mail id : nithuvasugi@gmail.com

**Dr.A.Arockia Mary, Assistant Professor & Research Supervisor, PG & Research Department of Commerce, Sacred Heart college (Autonomous) Tirupattur. E-mail id:arockiamary@shcpt.edu

Abstract

Smartphones play an alternative role as mobile computers. It replaces the notebook or desktop due to the advanced technology found in it, and smartphones play a significant role among the students. India becomes the second largest market for smartphones because of its amazing features. ts. There were many free apps available online, which helps to download and use it for academic and non-academic purposes. The researcher used frequency table and percentage analysis for the purposes of the present study. The researcher found that,majority of the respondents use their smartphone for banking services ,sms, social networking, hear music and online purchase. Towards the behavioural techo stress among the young adults, majority of them feer frustrated without the position of s/p;they anticipate that next usage of s/p;they get angry if someone interrupts them while using s/p;they feel that they lost their eyesight,they miss their regular exercises etc.,

Keywords: Smartphone

Introduction

Smartphones play an alternative role as mobile computers. It replaces the notebook or desktop due to the advanced technology found in it, smartphone plays a significant role among the student .India becomes the second largest market for smartphones because of its amazing features. ts. There were many free apps available online, which helps to download and use it for academic and non-academic purposes. Now-a-days, the ownership of smartphones among young adults (i.e., college going students) has been consistently raised. They use their smartphone for the purpose of entertainment, social networking, search for knowledge, use as a health guide etc., smartphone provides one step solution to all the customer’s basic needs. It also used for buying and selling products which leads m-commerce. The behaviour of the young adults towards using smart phone gets drastic change due to unawareness of needs and wants of information. If they do not know how to control the usage, they will become more addicted to it. As a result, they lost focus and become less socialize in their life. This leads to technostress and the position of keeping the device all the time wherever they receive communication or not. This study will help us to understand the behaviour of young adults and their technostress of using smartphone

Review

Nisha Arora et. Al., (2016), found that the respondents use their smartphone to navigate life on the campus. They use their smartphone for social networking, listening music, playing games etc., they found some gender bias i.e.Boys tend to download more apps and replace their smartphone frequently than girls.

Sophia Johnso et. Al., (2016) concluded that there is a positive effect found among the respondents i.e., students use their smartphone for academic purposes i.e., simple reading, browsing and downloading academic material and also submission of assignment on time.

Jisha. K and Dr. C. Jebakumar (2018) found that female respondents feel that this device plays a helping platform to enrich their knowledge, helps to update their knowledge and meets the academic purpose. This device fulfills the respondents information and communication needs.

The researcher found few research topics in this study, that too may not concentrate the behavioural and techo stress of using smartphones among young adults.Hence, this study is important at present scenario.

Methodology

Sampling method to collect the required data. The framed questionnaire was inserted in 'good form' and sends through the researcher's contact group through Whatsapp and also asked the respondents.The present study was conducted during the pandemic period. The researcher is convenient to circulate among their contacts. The required data was collected from only college going students. There were one hundred and fifty responses received within the short period of time. Nothing found incomplete so, all the responses found suitable for the present study. One person can give only one response. To meet the academic coursework the researcher used only frequency and percentage analysis.

Objective

The objective of the present study is to know the Behavioral and Techostress of using Smartphones among young adults in Tirupattur districts.

Limitation

Being an undergraduate, the researcher found difficulty in framing questionnaire through google form. Due to the very short period the researcher received only 150 responses. On the analysis part, the researcher used only frequency table and percentage analysis for the purpose of meeting academic requirements i.e., completing coursework.

Data analysis and interpretation

I . Personal profile

| S. No | Particulars | Variables | Frequency | % |
|-------|-------------|-----------|-----------|--------------|
| 1. | Gender | Male | 59 | 39.3% |
| | | Female | 91 | 60.7% |
| | | Total | 150 | 100% |

| | | | | |
|----|------------------------|------------------------|-----|--------------|
| 2. | Marital status | Married | 58 | 38.7% |
| | | Unmarried | 92 | 61.3% |
| | | Total | 150 | 100% |
| 3. | Parents Monthly income | Less than Rs.10,000 | 39 | 26% |
| | | Rs.10,000 to Rs.15,000 | 52 | 34.7% |
| | | Rs.15,000 to Rs.20,000 | 42 | 28% |
| | | Above Rs.20,000 | 17 | 11.3% |
| | | Total | 150 | 100% |
| 4. | Degree | Arts | 84 | 56% |
| | | Science | 66 | 44% |
| | | Total | 150 | 100% |

From the above table, it is clearly shown, 60.7% of respondents were female; 61.3% of them were unmarried; 34.7% of respondents parents monthly income falls in between Rs.10,000 to Rs.15,000; 56% of respondents belong to arts stream and 44.5 of respondents belong to science curriculum.

II – Usage of smartphone

| S. No | Particulars | Variables | Frequency | % |
|-------|--------------------------------------|-----------------|-----------|--------------|
| 1 | For e-mail | Daily | 36 | 24% |
| | | Once in week | 41 | 27.3% |
| | | Once in 15 days | 31 | 20.7% |
| | | Once in a month | 42 | 28% |
| | | Total | 150 | 100% |
| 2 | Usage of mobile banking service | Yes | 85 | 56.7% |
| | | No | 65 | 43.3% |
| | | Total | 150 | 100% |
| 3 | Usage of short message service (sms) | Yes | 115 | 76.7% |
| | | No | 35 | 23.3% |

| | | | | |
|---|---|-------|-----|--------------|
| | | Total | 150 | 100% |
| 4 | Using social networking, like twitter, facebook, Instagram, youtube, telegram, ect. | Yes | 115 | 76.7% |
| | | No | 35 | 23.3% |
| | | Total | 150 | 100% |
| 5 | Using smartphone for to hear music through windows itunes, kannna, spotify, ect., | Yes | 88 | 58.7% |
| | | No | 62 | 41.3% |
| | | Total | 150 | 100% |
| 6 | Using mobile for online purchase like amazon, flipkart, snapdeal, ect., | Yes | 83 | 55.3% |
| | | No | 67 | 44.7% |
| | | Total | 150 | 100% |
| 7 | Using smartphone for playing games like pubg , angry bird, subway surfer etc., | Yes | 87 | 58% |
| | | No | 63 | 42% |
| | | Total | 150 | 100% |

It is evident from the above table, 28% of respondents use their smartphone once in a week to check their mail; 56.7% of respondents use their smartphone for banking services; 76.7% of them use their smartphone for sending short message service; 76% of respondents used their smartphone for social networking; 58.7% of respondents use their smartphone to hear music; only 55.3% of respondents use their smartphone to make purchase through online; 58% of respondents play games like pubg, angry bird, subway surfer etc., in their smartphone

III – agreement towards behavioural and techo stress among young adults

1 – Strongly disagree, 2 – Neither agree nor disagree, 3 - Strongly agree.

| S. No | Particulars | Variables | 1 | 2 | 3 | Total |
|-------|---|-----------|-------|-------|-------|-------------|
| 1. | The first thing that the respondents do each morning is to check their mobile phone for missed calls or messages. | Frequency | 31 | 44 | 75% | 150 |
| | | % | 20.6% | 29.3% | 50% | 100% |
| 2. | It's hard to control my mobile phone use. | Frequency | 33 | 44 | 73% | 150 |
| | | % | 22% | 29.3% | 48.6% | 100% |
| 3. | Feeling lost and frustrated without mobile phone | Frequency | 37 | 45 | 68% | 150 |
| | | % | 24.7% | 30% | 45.4% | 100% |

| | | | | | | |
|-----|---|-----------|-------|-------|-------|-------------|
| 4. | It risks an important relationship, an academic opportunity or a career development opportunity because of overuse of the mobile phone. | Frequency | 34 | 32 | 84% | 150 |
| | | % | 22.7% | 21.3% | 56% | 100% |
| 5. | Often anticipate their next use of mobile phone. | Frequency | 37 | 41 | 72% | 150 |
| | | % | 24.7% | 27.3% | 48% | 100% |
| 6. | They often get angry if someone interrupts them during mobile phone use. | Frequency | 41 | 36 | 73% | 150 |
| | | % | 27.3% | 24% | 48.6% | 100% |
| 7. | Respondents can't concentrate on studying because of mobile phone use. | Frequency | 48 | 35 | 67% | 150 |
| | | % | 32% | 23.3% | 44.6% | 100% |
| 8. | Checking for missed calls and messages all time the respondents awake. | Frequency | 43 | 30 | 77% | 150 |
| | | % | 28.7% | 20% | 51.3% | 100% |
| 9. | Losing eye sites due to over usage of smartphones. | Frequency | 39 | 34 | 77% | 150 |
| | | % | 26% | 22.7% | 51.4% | 100% |
| 10. | Not doing regular exercise, mediation etc, because of over usage of smartphones. | Frequency | 40 | 31 | 89% | 150 |
| | | % | 26.6% | 20.7% | 52.7% | 100% |
| 11. | Smartphones help to learn better. | Frequency | 23 | 25 | 102% | 150 |
| | | % | 25.4% | 16.7% | 68% | 100% |
| 12. | By comparing traditional classes the respondents feel happy to learn online. | Frequency | 29 | 28 | 93% | 150 |
| | | % | 19.3% | 18.7% | 62% | 100% |

The above table, clearly shows that, 50% of respondents were strongly agree that, they check mobile phone for missed call or message at each morning ; 46.6 of respondents were strongly agree to the concept that, they feel very hard to control the mobile phone use; 45.4% of respondents were strongly agree that, they feel lost and frustrated without mobile phone; 56% of respondents strongly agree to the concept that “they risk an important relationship, an academic opportunity or a career development opportunity because of the overuse age of mobile phone; 48% of respondents were often they anticipate the next use of mobile phone; 48.6% of respondents were strongly agree that, they get angry if someone interrupts during use of mobile phone; 44.6% of respondents were strongly agree that “ they can't concentrate in study because of mobile phone use”; 51.3% of respondents were strongly agree that “they awake all the time to check missed calls usage of smartphone; 51.4% of respondents were strongly agree that, they feel eye site is lost due to over usage of smartphone; 52.7% of the respondents not doing their regular exercises, meditation because of the over usage of smartphone; 68% of the respondents strongly agree that they use their smartphone for learning purpose and finally; 62% of the respondents strongly agree that, they feel happy to learn in online mode.

Findings, Suggestion and Conclusion

The researcher found that, majority of the respondents use their smartphone for banking services ,sms, social networking, hear music and online purchase. Towards the behavioural techo stress among the young adults, majority of them feel frustrated without the position of s/p;they anticipate that next usage of s/p;they get angry if someone interrupts them while using s/p;they feel that they lost their eyesight,they miss their regular exercises etc., Finally,they use their smartphone for academic purposes and also they feel happy learning through online due to the pandemic period.

The researcher would like to place the following suggestion namely , to avoid problem, the user need to balance their needs and wants of information. If the user does not control smartphone usage of smartphone, they will become more addicted to it and they lose focus ,they become less socialized in their life. The over usage of smartphones will lead to indulge in criminal activities and it creates more social problems.

To conclude, now -a -days, (during this pandemic period), it is a need to educate the students on “how to use smartphones for academic purpose”. the over usage of smartphone brings behavioural changes and leads techo stress among the young adults

Reference

1. Nisha Arora , Neetu Singh and Parvesh Taneja (2016), “Smartphone usage pattern : a study of college students”, International journal of knowledge management and practices,vol.4,Issue.2,pp-33 to 36.
2. Sophia Johnson , N. Radhakrishnan (2016), “Academic use of Smartphones among the students of business schools in UAE - A study”, KIIT Journal of library and information management , Vol-4 ,issue .1, Jan.2017 pp-32 to 36.
3. Jisha.k and DR.C.Jebakumar (2018), “A study on the usage of Smartphones among the female college students in Coimbatore”, International Journal of Scientific Research ,Vol.7, Issue .6 June-2018,pp-32-33.

Date: 16/04/2021

Place: Tirupattur

Note: Papers are ready for publication. It is in the process. Due to insufficient fund, publication is pending.

DEPARTMENT OF COMPUTER APPLICATIONS (UG)

RESEARCH FORUM – 2020 - 2021



SACRED HEART COLLEGE (AUTONOMOUS)

Accredited by NAAC (3rd Cycle) With 'A' Grade [3.31/4]

TIRUPATTUR, VELLORE – 635 601.

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| 5. | How to read research articles? |
| 6. | Publication of Scientific Research Papers |
| 7. | Recent trends in Computer Science |
| 8. | Students Seminar |
| 9. | Certificates |

DEPARTMENT DETAILS

Head of the Department : Mr. A. John Martin

Staff Incharge : Dr. J. Merlin Florence

Student President : KESAV S S (BU181055)

Vice President : THILEEP S (BU191015)

Student Member List

Class: Second year

| SI. No. | Name | Register number |
|----------------|-------------------|------------------------|
| 1 | DEV ANAND A | BU191002 |
| 2 | FORAM N | BU191003 |
| 3 | VIYANISELVA J | BU191013 |
| 4 | THILEEP S | BU191015 |
| 5 | M. THEJESH | BU191005 |
| 6 | SONIL VARGHEESE A | BU191048 |

Class: Third year

| SI. No. | Name | Register number |
|----------------|------------------|------------------------|
| 1 | JANE JESUS J | BU181001 |
| 2 | GOKULAKRISHNAN K | BU181007 |
| 3 | RAMYA R | BU181013 |
| 4 | AISHWARYA S | BU181026 |
| 5 | SURYA M | BU181029 |
| 6 | VINITHA R | BU181032 |
| 7 | KESAV S S | BU181055 |

MEETING 1

ORIENTATION ON RESEARCH

Date: 21/7/2020

Mode: Online Mode - MOODLE

Time: 11.30 am - 12.30 pm

First meeting was arranged to help the students to understand the research forum activities. All the students actively participated in that meeting. The following suggestions and discussions were made during this meeting.

Discussion:

1. To help the students to understand the research forum activities
2. To encourage the students to read, write and publish research papers
3. To motivate the students to participate in various activities like webinar, online courses, workshops etc.
4. Informed about separate Moodle platform for research forum.

Suggestions:

1. Asked the students to share their which they gained from various webinars that they have attended
2. Shared a Google sheet link with the students to update their participation details.

Members Present:

| Sl. No. | Name | Register number |
|---------|-------------------|-----------------|
| 1 | DEV ANAND A | BU191002 |
| 2 | FORAM N | BU191003 |
| 3 | VIYANISELVA J | BU191013 |
| 4 | THILEEP S | BU191015 |
| 5 | M. THEJESH | BU191005 |
| 6 | SONIL VARGHEESE A | BU191048 |
| 7 | JANE JESUS J | BU181001 |
| 8 | GOKULAKRISHNAN K | BU181007 |
| 9 | RAMYA R | BU181013 |

| | | |
|----|-------------|----------|
| 10 | AISHWARYA S | BU181026 |
| 11 | SURYA M | BU181029 |
| 12 | VINITHA R | BU181032 |
| 13 | KESAV S S | BU181055 |

MEETING 2

WHAT IS REASERACH?

Date: 28/8/2020

Mode: Online Mode - MOODLE

Time: 11.30 am - 12.30 pm

The Research Coordinator of RF arranged the meeting. Moodle credentials were shared with the students for their access. Students were informed about the inauguration of Research forum activities for the academic year 2020-2021. Students are asked to register themselves using the given link. A brief introduction was given on “What is Research?” by Dr. J. Merlin Florence. Students are encouraged to ask questions and their doubts are clarified.

Members Present:

| Sl. No. | Name | Register number |
|----------------|-------------------|------------------------|
| 1 | DEV ANAND A | BU191002 |
| 2 | FORAM N | BU191003 |
| 3 | VIYANISELVA J | BU191013 |
| 4 | THILEEP S | BU191015 |
| 5 | M. THEJESH | BU191005 |
| 6 | SONIL VARGHEESE A | BU191048 |
| 7 | JANE JESUS J | BU181001 |
| 8 | GOKULAKRISHNAN K | BU181007 |
| 9 | RAMYA R | BU181013 |
| 10 | AISHWARYA S | BU181026 |
| 11 | SURYA M | BU181029 |
| 12 | VINITHA R | BU181032 |
| 13 | KESAV S S | BU181055 |

MEETING 3

HOW TO READ RESEARCH ARTICLES?

Date: 11/9/2020

Mode: Online Mode - MOODLE

Time: 11.30 am - 12.30 pm

The Research Coordinator of RF arranged the meeting. The coordinator gave a lecture on “How to read research articles?” She taught the students to access Google Scholar and explain the structure of research articles. Students are given work to read and present recent research articles.

Members Present:

| SI. No. | Name | Register number |
|---------|-------------------|-----------------|
| 1 | DEV ANAND A | BU191002 |
| 2 | FORAM N | BU191003 |
| 3 | VIYANISELVA J | BU191013 |
| 4 | THILEEP S | BU191015 |
| 5 | M. THEJESH | BU191005 |
| 6 | SONIL VARGHEESE A | BU191048 |
| 7 | JANE JESUS J | BU181001 |
| 8 | GOKULAKRISHNAN K | BU181007 |
| 9 | RAMYA R | BU181013 |
| 10 | AISHWARYA S | BU181026 |
| 11 | SURYA M | BU181029 |
| 12 | VINITHA R | BU181032 |
| 13 | KESAV S S | BU181055 |

MEETING 4

PUBLICATION OF SCIENTIFIC RESEARCH PAPERS

Date : **10/2/2021**
Time : **11.30 am**
Venue : **Department Hall**

The seminar started with a prayer. Dr. J. Merlin Florence, Research Forum coordinator has been a resource person. She gave a talk on publishing research articles. She explained how to find research articles, what are the databases are available, what is the norms of UGC in publishing research articles. She explained the hierarchy of research journals in computer science and applications. The students asked doubts in software project management and he clarified all their doubts.

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

MEETING 5
STUDENTS' SEMINAR

Date: 18/8/2020

Time: 11.30 am - 12.30 pm

Mode: Google Meet - <https://meet.google.com/vdc-sgop-ypk>

The Research Coordinator of RF arranged the meeting. Students are asked to present a research article. Gokulakrishnan K from 3rd BCA presented a research article on Search Engine Optimization.

Members Present:

| Sl. No. | Name | Register number |
|----------------|------------------|------------------------|
| 1 | VIYANISELVA J | BU191013 |
| 2 | THILEEP S | BU191015 |
| 3 | JANE JESUS J | BU181001 |
| 4 | GOKULAKRISHNAN K | BU181007 |
| 5 | AISHWARYA S | BU181026 |
| 6 | SURYA M | BU181029 |

Note: Due to network issues others were unable to join.

CERTIFICATES

SACRED HEART COLLEGE (AUTONOMOUS)
Accredited by NAAC(4th cycle-under RAF) with CGPA of 3.31/4 at 'A+' Grade
Tirupattur District -635 601, Tamilnadu, India.04179-220553 |www.shctpt.edu

Certificate Of Participation

This is to certify that

GOKULAKRISHNAN K.

has participated in the National Level Webinar on
Cloud Security
organised by
the Department of Computer Science on 20th August 2020.


Prof. A. J. Sahaya Mala
Convener


Rev. Dr. D. Maria Antony Raj, SDB
Principal

Sacred Heart College (Autonomous),
Tirupattur - 635 601, Tirupattur Dt.
(Affiliated to Thiruvalluvar University)
Accredited by NAAC (4th Cycle - RAF) with CGPA of 3.31/4 at 'A+' Grade

Certificate of Participation

This is to certify that Dr./ Mr./ Ms. **GOKULAKRISHNAN K.**
from **Sacred Heart College(Autonomous), Tirupattur District**
has participated in the National Level Webinar on **How SHGs could Help Women in the COVID-19 & Post COVID Scenario - Let's Learn from the Leader**, organized by Women's Cell - Shift-II, Sacred Heart College (Autonomous), Tirupattur, Tirupattur District held on 5th August 2020.


Rev. Dr. K.A. Maria Arokiaraj SDB
Addl. Principal


Ms. S. Savitha
Dean of Women Students (Shift-II)



SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR

(AFFILIATED TO THIRUVALLUVAR UNIVERSITY, VELLORE)
ACCREDITED BY NAAC (4TH CYCLE - UNDER RAF) WITH CGPA OF 3.31/4 AT 'A+' GRADE

DEPARTMENT OF COMPUTER APPLICATIONS (UG)

Online Training on Android App Development CERTIFICATE

GOKULAKRISHNAN K.

has completed online training on **Android App Development**
held on 06-06-2020.

DR. J. MERLIN FLORENCE
CONVENOR

MR. A. JOHN MARTIN
HoD

REV. DR. D. MARIA ANTONY RAJ, SDB
PRINCIPAL



Sacred Heart College (Autonomous)

Tirupattur Dist. 635 601, Tamil Nadu

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



RESEARCH FORUM & DEPARTMENT OF CHEMISTRY

Certificate

Certificate id: IZQWIG-CE000046

This is to certify that **S S Kesav**, Student from BCA, Sacred Heart College has participated in the webinar on "Perspectives on Renewable Energy Materials" conducted by Research Forum & Department of Chemistry, Sacred Heart College on 29.07.2020.

Principal
Rev Dr. D Maria Antony Raj

Head of the Department
Dr. S. R. Xavier Rajarathinam

Convener
Dr. R. Jude Vimal Michael

Research Forum-Department-Shift-I/II-2020-21

Department : Department of Computer Applications(UG) (BCA) – Shift - II

Coordinator: Dr. J. Merlin Florence

Mb. 8608491550

Email – merlinflorence@shctpt.edu

Student Member List:

Class: Second year

| SI. No. | Name | Register number |
|---------|-------------------|-----------------|
| 1 | DEV ANAND A | BU191002 |
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| 5 | DINESH P | BU191038 |
| 6 | SONIL VARGHEESE A | BU191048 |

Class: Third year

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| 5 | SURYA M | BU181029 |
| 6 | VINITHA R | BU181032 |
| 7 | KESAV S S | BU181055 |

Annual Research Forum Report (2020-2021)

Department of Counselling Psychology, Sacred Heart College (Autonomous)

| S. No | Date | Programmes/Activities | Experts/Involved |
|-------|------------|--------------------------------------|---------------------|
| 1. | 18/09/2020 | Writing a Research Paper | Fr. Sanjay |
| 2. | 02/02/2021 | Descriptive Analysis using SPSS | Mr. Arul Prabakaran |
| 3. | 10/03/2021 | Inferential Analysis using SPSS | Mr. Arul Prabakaran |
| 4. | 16/04/2021 | Citation and Reference in APA format | Fr. Sanjay |

For the academic year 2020-21 we organized four research forum sessions. The primary purpose of these sessions was basically to introduce the students to research and research related concepts. During the first seminar on Writing a research paper, Fr. Sanjay explained the basic content of the research paper. He explained the more on how to identify the gap and generate literature review. The second program was on Descriptive analysis using SPSS. Through this seminar students had hands on training in descriptive analysis. Prof. Arul Prabakar apart from the seminar he also gave students home work. As a continuation of the second session, the third session was conducted on inferential analysis. During the seminar prof. Arul introduced the students to basic concepts related to inferential statistics such as correlation and ANOVA. Students learnt how to use SPSS for these analysis. The last seminar was on Citation ad Reference. During the seminar Fr. Sanjay elaborately explained how to cite in a research paper and he also expounded on how to write in the reference. All the above sessions helped the students to do their research adhering to the APA 7th Edition.

Challenges

- Conducting programs online
- Lack of sufficient English knowledge
- Lack of motivation among students

Research Forum-Department-Shift-I/II-2020-21

Coordinator: P. Karthik Depart of CS – SHIFT II, 9629075022,karthikp@shcpt.edu

Student Member List:

Class: Second year

| SI. No. | Name | Register number |
|---------|-------------------|-----------------|
| 1. | B. Faizudeen | BU190523 |
| 2. | P. Vivek Wilson | BU190526 |
| 3. | L. Jeffrin Britto | BU190532 |
| 4. | A. F. Mathivanan | BU190545 |
| 5. | S. Manikandan | BU190551 |

Class: Third year

| SI. No. | Name | Register number |
|---------|-------------------|-----------------|
| 1. | S. B. Devanand | BU180505 |
| 2. | R. Ajith | BU180508 |
| 3. | S. Abirami | BU180511 |
| 4. | G. Vijayalakshmi | BU180516 |
| 5. | P. Nivethalakshmi | BU180520 |

Research Forum- PG Department of Computer Science 2020-21

Coordinator: Name/Mobile no. (Telegram app/WhatsApp. no.)/email

Mr. R. Denis, 9787369928, denis@shcpt.edu

Student Member List:

Class: M.Sc., Computer Science

| SI. No. | Name | Register number |
|----------------|--------------------|------------------------|
| 1 | JAYADURGA J | BP190501 |
| 2 | AAISHA FARHEEN G N | BP190510 |
| 3 | FRANKLIN JOSEPH J | BP190512 |
| 4 | SOWMINI S | BP190518 |
| 5 | GEETHASHREE S | BP190521 |
| 6 | VENGATESAN K | BP190524 |

Research Forum- PG Department of Computer Science 2020-21

Report on Career Landscape of a Software Developer by LinkedIn's Sr. Software Engineer

Date: 29/10/2020

Time: 07:00 PM (IST)

Venue: Zoom

Report:

On the above date we had a meeting on **Career Landscape of a Software Developer by LinkedIn's Sr. Software Engineer**. The program started exactly at 07:00 pm of IST.

Mr. Vishwa Mohan from Bihar gave his value presence for the program or meeting.

He explained about how to get placement in IT field and what all should we prepare for IT companies. In that he gave 3 valuable points that are shown below.

- Good in anyone language. (He suggest JAVA)
- Data Structures an Algorithm
- Data Storage or DataBase

And then we had a Questions section in that he clarified our doubts to uptain our carrier to IT sector. And finally the meeting ended exactly at 08:00 pm of IST.

Research Forum- PG Department of Computer Science 2020-21

Report on Web Designing Workshop- 3.0

Date: 19/10/2020

Time: 05.00 p.m to 8 p.m (IST)

Venue: Google Meet

Report:

The LEEDS Academy has organized an Workshop 19.10.2020 in the topic “Web Development without Coding “The expert speaker Mr. Pankaj Kumar, CEO ,Emporis Software Solutions,Pvt , Ltd., was welcomed and given brief introduction.

The Workshop was organized for the CSE students and the students participated in the Workshop. The following topics were briefly explained by the Expert speaker – how to develop web page without coding, various Tools used for creation of Web Pages. Followed by Hand on Training for the students.

Research Forum- PG Department of Computer Science 2020-21

Report on Blockchain and Its Real-life Applications

Date: 06/11/2020

Time: 5.00 p.m to 7 p.m (IST)

Venue: Google Meet

Report:

Universities Press, Hyderabad organized a webinar on “Blockchain and Its Real-life Applications” on Friday, 06 November 2020 from 5.00 pm to 7.00 pm for a discussion on the fundamentals of blockchain and its applications across various domains such as Banking and Finance, Education, Healthcare, Real estate and Manufacturing. Panelists: Chandramouli Subramanian, Associate Director, Cognizant Technology Solutions; Asha A George, Certified Blockchain and Cryptocurrency Expert, PPM and Strategy Consultant, Verbat Technologies; Abhilash K A, Solution Architect, 6d Technologies; and Meena Karthikeyan, Enterprise Solutions Consultant and former Vice President, Cognizant Technology Solutions.

The students of the research forum participated and interacted with the experts.

Research Forum- PG Department of Computer Science 2020-21

Report on Blockchain and Its Real-life Applications

Date: 30/11/2020

Time: 4.00 p.m to 6 p.m (IST)

Venue: Google Meet

Report:

Dr. Vishal Jain, School and Engineering and Technology, Shardha University had a discussion on “Role of AI in the Education 4.0”. The students of the research forum have participated and interacted with the expert.

The topics discussed are:

How AI Transforms the Learning Experience

1. Learning: Acquiring and processing the new experience, creating new behavior models
2. Self-correction: Refining the algorithms to ensure the most accurate results
3. Reasoning: Picking up the specific algorithms to resolve a specific task

Roles Of AI In Education

1. Personalize Education
2. Produce Smart Content
3. Contribute To Task Automation
4. Do Tutoring
5. Ensure Access To Education For Students With Special Needs

Finally he discussed about the Benefits Of AI For Students

The main advantage of AI is the possibility to train it to perform a long list of tasks, offering in such a way a personalized approach to education. It's a universal solution to get a set of tools tailored to the specific needs of learners and educators to optimize their routine, increase efficiency, improve accessibility, and scale the processes.

Research Forum- PG Department of Computer Science 2020-21

Report on 7 Steps of Academic Writing

Date: 06/03/2021

Time: 5.00 p.m to 6 p.m (IST)

Venue: Google Meet

Report:

Dr. Muhammed Imran Qureshi gave a webinar on Systematic Literature Review and Meta-Analysis.

The topics discussed are:

Formulate a question.

Develop protocol.

Conduct search.

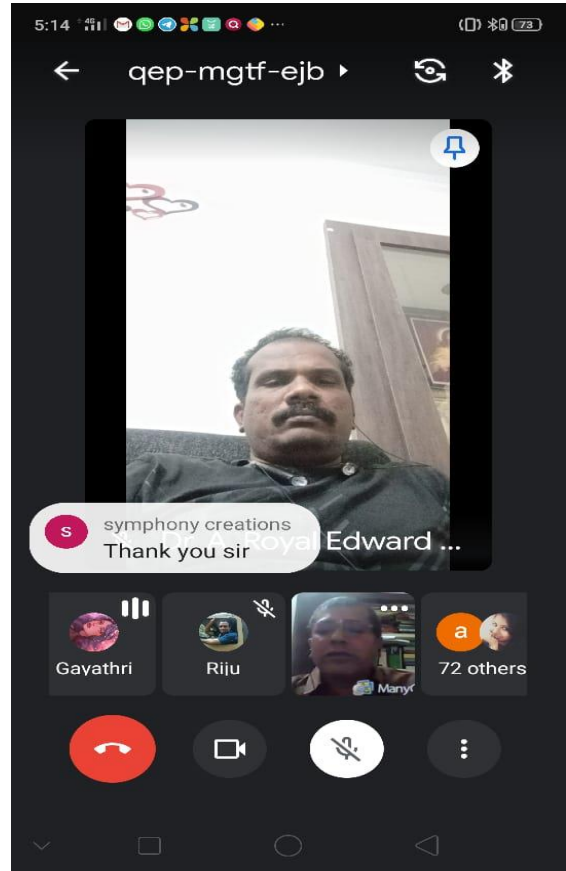
Select studies and assess study quality.

Extract data and analyze/summarize and synthesize relevant studies.

Interpret results.

Economics Research forum (Shift – I)

Ms. S. Kaviya (P.G. Secretary) and Ms Tharani (U.G. Secretary) were elected as office bearers of Economics Research Forum for the academic year 2020-21. Voluntaries Economics Research forum voluntaries jointly with secretary's were made a active efforts in organizing the programs this academic year. The Resource persons for this academic year were Prof. G. Lawrence, Dr. Preetham Balakrishnan, Dr. C. R. Cristi Anandan., Dr. V. Collins Arun Prakesh, Dr. S.A. Martin Britto Dhas and Mrs. S. Aarthi Priya, Assistant Professor, Govt. Law College, Tirucharappalli. The above mentioned resource person addressed the students on various segment (with the given task) in the virtual platform (G-Meet). Dr. A. Prabu, faculty of Tamil discipline emphasise the importance of Geographical Indications in IPR and Dr. S A Martin Britto Dhas Nodal Officer, IPR Cell of SHC unit, highlighted with how to file the GI and other service under IPR Cell in SHC. On The students are performing active role in recording the short films on social issues and it was presented in the first week of February 2020.





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- [Profile picture] [Muted icon] 20 others

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- [Video camera icon]
- [Muted icon]
- [More options icon]



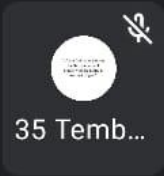
⋮ Assistant Professor Christy...



You



AU1904



35 Temb...

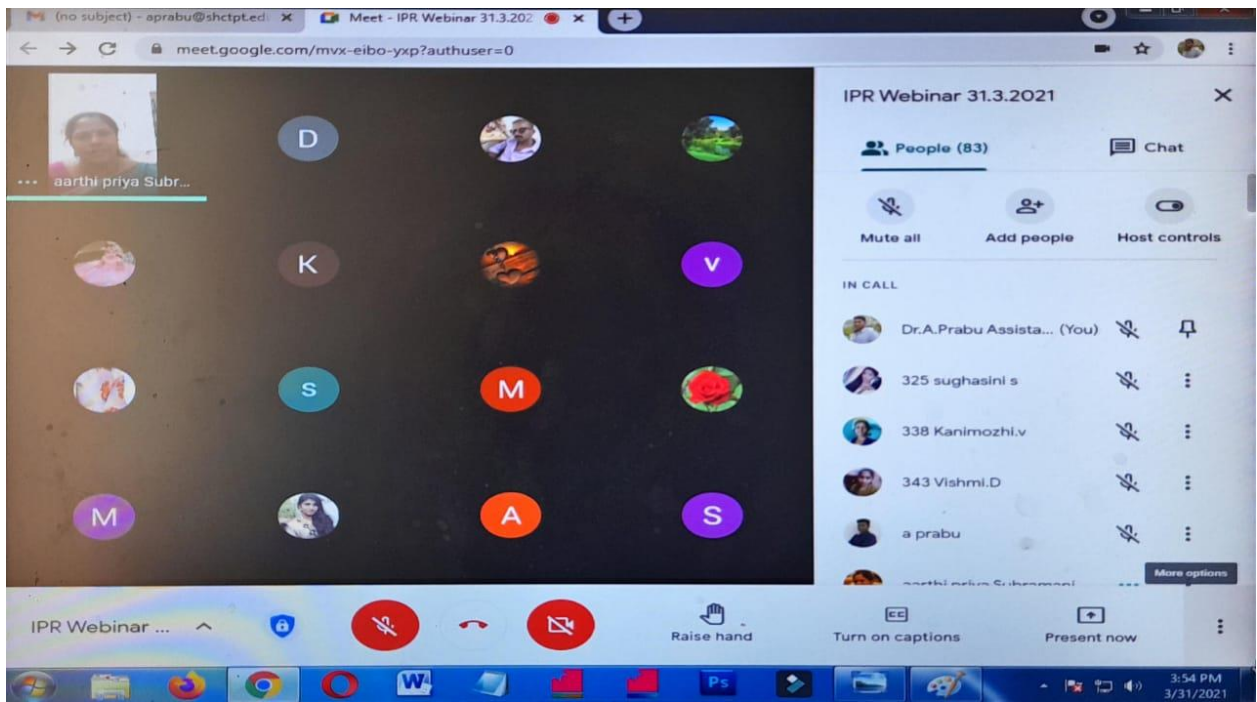
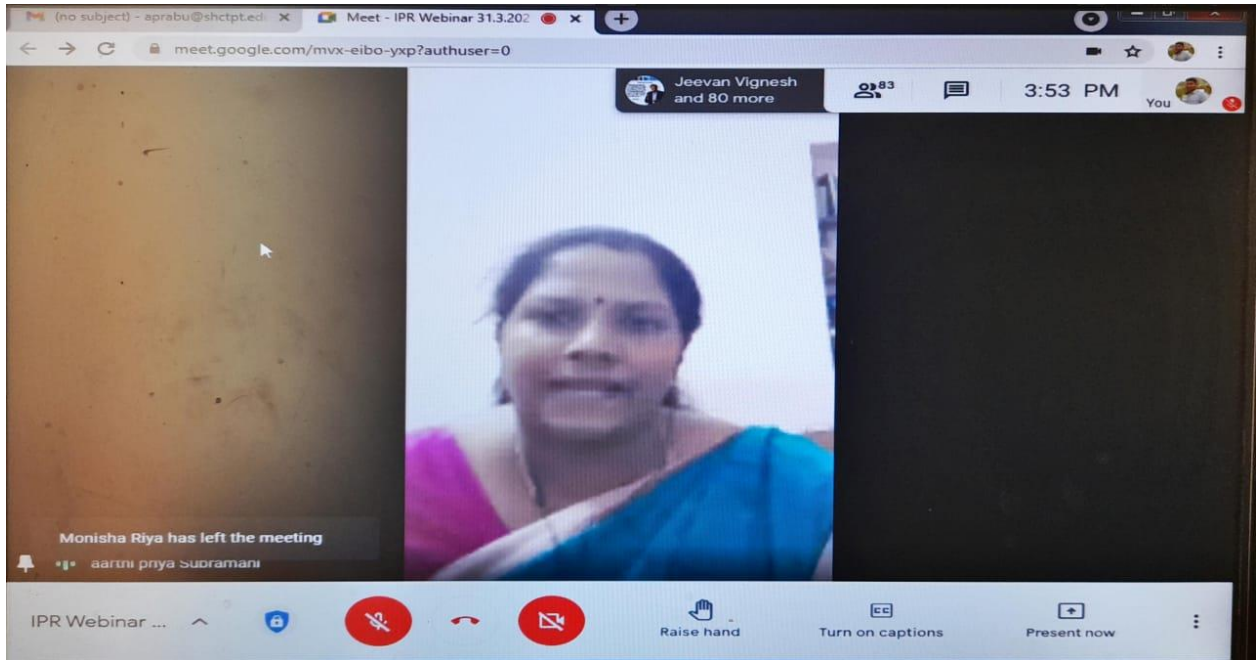


16 others









Research Forum-**Department-Shift-I/II-2020-21**

Head of the Department: Mrs. N. Arul Doss

Coordinator: S. Alphonsa Mary /Mobile no. 9003656604 alphonsa@shcpt.edu

Department: English Shift I

Student Member List: A.Dhivya / M. Kathiravan

Class: Second year

| SI. No. | Name | Register number |
|---------|-------------------|-----------------|
| 1 | V. Hemavathi | AU191156 |
| 2 | S. Varshini | AU191170 |
| 3 | M. Keerthanapriya | AU191112 |
| 4 | M. Kathiravan | AU191104 |
| 5 | R. Arul Kumar | AU191125 |
| | | |

Class: Third year

| SI. No. | Name | Register number |
|---------|---------------------------|-----------------|
| 1 | V. Hemalatha | AU181128 |
| 2 | A. Dhivya | AU181130 |
| 3 | N. Nafiya Naaz | AU181153 |
| 4 | L. Ambrish Richard Pascal | AU181125 |
| 5 | V. Sriram | AU181108 |

RESEARCH FORUM [SHIFT II] – DEPARTMENT OF ENGLISH (2020-2021)

Coordinator : **S. PRABHAKARAN**

Mobile & Whatsapp : **+91-7010527656**

Email : **prabhakaransvm11@gmail.com**

Student Member List:

II MA English

| S.NO | NAME | REGISTER NO |
|-------------|----------------------|--------------------|
| 1 | A. S. Arunagiri | BP191132 |
| 2 | M. Manigandan | BP191110 |
| 3 | P. Hoideiniang | BP191102 |
| 4 | Shibani | BP191106 |
| 5 | Ch Sekenai | BP191101 |
| 6 | A. Suji Yuvanchaline | BP191103 |
| 7 | Melody Knoivein Th | BP191108 |
| 8 | Ankita Tirkey | BP191107 |
| 9 | M. S. Doibila Susana | BP191136 |
| 10 | N. Yamin Ruvidha | BP191104 |
| 11 | G. Ida Hepzepha | BP191126 |
| 12 | S. Durga Devi | BP191117 |

III BA English

| S.NO | NAME | REGISTER NO |
|-------------|-------------------|--------------------|
| 1 | S. Nazia Thabasum | BU181113 |
| 2 | B. Thabusum Banu | BU181106 |
| 3 | J. Casmir Joseph | BU181101 |
| 4 | T. Punitha | BU181154 |
| 5 | R. Pradeep Kumar | BU181124 |

II BA English

| S.NO | NAME | REGISTER NO |
|-------------|-----------------|--------------------|
| 1 | A Ebenezer Ruth | BU191156 |
| 2 | A Karishma | BU191104 |
| 3 | S Arul Kumar | BU191107 |
| 4 | J Husna | BU191120 |
| 5 | A Eugin Clinton | BU191165 |

1. 30.01.2021 - Lecture on Translation: Theory and Practice

Prof. V. Madhan Kumar has delivered a lecture on the topic **Translation: Theory and Practice**. He has given a clear picture of the scope of Translation for the English Literature students. He came with his Translated book and explained the difficulty he faced while translating the book. He also stressed the importance of translation in the modern scenario to the students. His lecture was well received and very much appreciated by the students

2. 08.02.2021 - Talk on Literary Criticism

An intellectual talk was given by Prof. A. Sangeeth Kumar on the topic “Literary Criticism”. Sir has spoken about story telling techniques in postmodern novels. He addressed postmodern literature as a form of literature which is marked, both stylistically and ideologically, by a reliance on such literary conventions as fragmentation, paradox, unreliable narrators, often unrealistic and downright impossible plots, games, parody, paranoia, dark humor and authorial self-reference

Apart from these two invited talks, students were encouraged to attend as many as 15 webinars. Students were also asked to attend e-quiz. All the students have participated and benefited out of these programs and got certificates as well.

SACRED HEART INSTITUTE OF MANAGEMENT STUDIES(SHIMS)

SACRED HEART COLLEGE(Autonomous),TIRUPATTUR

Co-Ordinator: Dr.Arockiamary.R (MBA)

Mobile & Whatsapp number: 995267036

e-mail ID: arockiamaryr@shcpt.edu

RESEARCH FORUM STUDENTS NAME LIST FOR THE

ACADEMIC YEAR 2020-2021

| S.no | Reg.no | Names | Mobile no/whatsapp umber | E-mail id |
|-------------|---------------|----------------------|---------------------------------|--|
| 1 | BP190703 | Jaiman Minj | 7086131997 | jaimonminj28@gmail.com |
| 2 | BP190704 | Larancevijay S | 6380113707 | larancevijay2603@gmail.com |
| 3 | BP190706 | A. Wilbert Sagayaraj | 9751955078 | wilbertraj10@gmail.com |
| 4 | BP190709 | Alphonisha. J | 8525862435 | alphonisha@gmail.com |
| 5 | BP190720 | Raslina Minj | 8011638934 | roselinaminj@gmail.com |
| 6 | BP190727 | Priety Soreng | 6001594981 | preitysoreng2016@gmail.com |
| 7 | BP190729 | Dhayalan. P | 9787387547 | alandhaya9@gmail.com |
| 8 | BP190732 | Diana haiden P.S | 7845825082 | dianastell.98@gmail.com |
| 9 | BP190746 | Kadar Basha.T | 6380113707 | kadharp12@gmail.com |

Annual Report on the Activities of the Research Forum

Department of Mathematics (Shift – 1)

President: Dr. S. Kalaiarasi.

Secretary: Alentheop G G, II- M.Sc, Mathematics.

Joint Secretary: Kishor C, III- B, Sc, Mathematics.

| S.NO | Date | Activites |
|------|------------------|---|
| 1 | 03 October 2020 | Fresher's Day |
| 2 | 28 October 2020 | Invited talk Resource person: Dr. L. Sujatha (Assistant Professor), Auxilium college, Vellore. |
| 3 | 24 November 2020 | Invited talk Resource Person: D. Sathiya, Assistant Professor, Department of Mathematics, Voorhees College, Vellore |
| 4 | 28 November 2020 | Invited talk Resource Person: M. Meganathan (Assistant Professor), Department of Mathematics, Don Bosco College, Yelagiri Hills |
| 5 | 22 January 2021 | Invited talk Resource person: Dr. A. Ponmana Selvan. |
| 6 | 20 February 2021 | Invited talk Resource Person: Dr.P.Balaganesan, Associate professor, Department of mathematics, AMET university, Chennai. |

Fresher's Day

The Fresher's day Meeting held On Saturday (03/10/2020) through Virtual Mode. The Meeting Started At 11:00 am through Google Meet. Prayer Song Was Presented By Dr. A Mercline Anita. Welcome Speech Was Given by Prof. Dr. S Kalayarasi. Our PG Head of the Department Dr. A. George Maria Selvam gave introduction About Our Department and about Our Professors. He Presented the History Of Our Department. Our UG Head of the department Dr. R Murali explained About Our course and its Uses. Dr. D Ajay explained about Moodle platform and its usage. Vote of thanks was proposed by Dr. S Kalayarasi. The Meeting Ended by (11:45 AM). The fresher's day meeting was well organized by Dr. S Kalayarasi and our department president Dr. Balaji under the guidance of our Heads of the Department.

Invited talk

- **Resource Person: Dr. L. Sujatha**
 - **Topic: Fuzzy Relations and its Applications**
-

The Covid-19 pandemic situation restricted us from all our normal activities but our quest for knowing and learning mathematics can never be restricted or stopped. The department of mathematics organized a webinar on **FUZZY RELATIONS AND ITS APPLICATIONS**, through virtual mode. The sessions began at 4.30 pm with a prayer song. Dr. S. Kalaiarasai, welcomed the gathering and introduced the resource person, Dr. L. Sujatha, Assistant Professor, Auxilium college, Vellore, who is specialized in this topic. The session began on Fuzzy Relation with the presentation of Dr. L. Sujatha. The students found, it was useful and interesting to know the subject well. She presented the topic very clearly with relevant examples and graph. Finally, the session was concluded by vote of thanks given by D. Rozario (2nd M.Sc Maths). A special word of appreciations to Dr. S. Kalaiarasi, the president of research forum, for organizing this webinar under the guidance of the Heads of the Department.



SACRED HEART COLLEGE (AUTONOMOUS)

TIRUPATTUR - 635 601

DEPARTMENT OF MATHEMATICS

RESEARCH FORUM

Cordially welcomes you for this Webinar

Topic: Fuzzy Relations and it's Applications

Platform



Resource person:

Dr. L. Sujatha

**Assistant Professor,
Auxiliam College, Vellore.**

**Date: 28-10-2020
Time: 2 pm to 3 pm**

To describe the fuzzy relation, first we describe relation by an example of daily life using discrete fuzzy sets. Relationship is described between the colours of a fruit X and the grade of maturity Y. Crisp set X with three linguistic terms is given as

$X = \{\text{green, yellow, red}\}$

Similarly the grade of maturity for the other set Y will be

$Y = \{\text{verdant, half-mature, mature}\}$

1. If the colour of the fruit is green then the fruit is verdant.
2. If the colour of the fruit is yellow then the fruit is half-mature.
3. If the colour of the fruit is red then the fruit is mature.

| | Verdant | Half-mature | Mature |
|--------|---------|-------------|--------|
| Green | 1 | 0 | 0 |
| Yellow | 0 | 1 | 0 |
| Red | 0 | 0 | 1 |



(51)

S

Sujatha L

Also in the meeting (47)

J

202 Jothika S

M

202 Mellina R

(51)

K

Kalaiarasi S Assistant Pr...

S

Sujatha L

A

AI1190272 AI1190272

227 - Rozario. D

K
You

(53)

Thank you mam

203 Janani Now

Thank you mam for your wonderful presentation

AU190 263 RITHIKA S Now

thank you mam.. That was awesome

$\Lambda = \{(a, 1.0), (b, 0.0), (c, 0.5), (d, 0.25)\}$

(51)

K

Kalaiarasi S Assistant Pr...

Assistant Professor...

Assistant Professor...

Sujatha L

Sujatha L

Invited Talk

- **Resource Person:** D. Sathiya
- **Topic: Applications of Calculus**

PG and Research department of Mathematics organized a webinar for the research forum students and also extended the invitation for all. The programme began with the prayer song after which Prof. S. Kalaiarasi introduced the resource person. It was well organized and around 50 students took part in the webinar. The **Resource person D. Sathiya**, Assistant Professor, Department of Mathematics, Voorhees College, Vellore-632001 taught the students with relevant examples on the **Topic: Applications of Calculus**. She explained the concept well in such a way that the students were able to grasp the ideas well. Finally, the session was concluded with the vote of thanks given by Mr. Rozario D from II M.Sc. Maths.



SACRED HEART COLLEGE (AUTONOMOUS)

TIRUPATTUR - 635 601

P.G. AND RESEARCH DEPARTMENT OF MATHEMATICS (SHIFT - I)

RESEARCH FORUM

Cordially welcomes you for this Webinar

Topic: Applications of Calculus

Platform



Resource Person:


D Sathiya

**Assistant Professor
Department of Mathematics
Voorhees College, Vellore - 632001**

Date: 24-11-2020

Time: 5 pm

koa-rinb-jos ▶



Sathiya D

232-Dee... 204 - M... 39 others

Call controls: End call, Mute, Microphone

koa-rinb-jos ▶

Application in Medicine

- Calculus is also extremely helpful in **Medicine**.
- Doctors use calculus to help determine the rate of growth of tumors. This can be done by the following procedure.
- Imagine that a patient has a tumor of a small size, and doctor wants to know the rate of progression or degeneration of a tumor.
- The mathematical model used for modeling the growth of a tumor can be an exponential function with respect to time.

Sathiya D

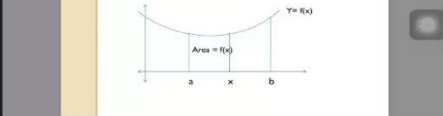
Participants: You, 232-Dee..., 207- M..., 40 others

Call controls: End call, Mute, Microphone

koa-rinb-jos ▶

Integral Calculus

- An integral is a mathematical object that can be interpreted as the area under a curve.



Sathiya D

Participants: You, Assista..., 207- M..., 38 others

Call controls: End call, Mute, Microphone

koa-rinb-jos ▶

Applications in Various fields

Application in Credit card companies

- Credit card companies use calculus to set the minimum payments due on credit card statements at the exact time the statement is processed by considering multiple variables such as changing interest rates and a fluctuating available balance.

- Lawyers** use calculus to help build the discipline necessary for solving complex problems, such as planning a prosecution case.

- The field of epidemiology** — the study of the spread of infectious disease — relies heavily on calculus. It can be used to determine how far and fast a disease is spreading where it may have originated from and how to best treat it.

Sathiya D

Participants: You, 232-Dee..., 204 - M..., 40 others

Call controls: End call, Mute, Microphone

ABOUT THIS CALL

| People | Info |
|--------------------|------|
| 207- MOHAMM... | |
| 209 Nandhini B | |
| 209-Raga | |
| 210 amalorpava ... | |
| 211-Priyanga Sh... | |
| 212- Abirami Na... | |
| 215 - KARTHIGA... | |
| 218 - SATHYA S | |
| 220-Gnaneswar... | |

Invited Talk

- **Resource Person: M. Meganathan**
- **Topic: Applications of Laplace Transform using Difference Equation**

The Covid-19 pandemic situation restricted us from all our normal activities but our quest for knowing and learning mathematics can never be restricted or stopped. The department of mathematics organized a webinar on **Applications of Laplace Transform using Difference Equation**, through virtual mode. The sessions began at 5 pm with a prayer song. Dr. S. Kalaiarasai, welcomed the gathering and introduced the resource person, **M. Meganathan**, Assistant Professor, Department of Mathematics, Don Bosco College, Yelagiri Hills, who is specialized in this topic. The session began on Laplace Transform with the presentation of M. Meganathan. The students found, it was useful and interesting to know the subject well. He presented the topic very clearly with relevant examples and graph. Finally, the session was concluded by vote of thanks given by G.G. Alentheop (2nd M.Sc Maths). A special word of appreciations to Dr. L. Kalayarasi, the president of research forum, for organizing this webinar under the guidance of the Heads of the Department.



SACRED HEART COLLEGE (AUTONOMOUS)

TIRUPATTUR - 635 601

P.G. AND RESEARCH DEPARTMENT OF MATHEMATICS (SHIFT - 1)
MATHEMATICS ASSOCIATION AND RESEARCH FORUM

Cordially welcomes you for this Webinar

Topic: Applications of Laplace transform using difference equation

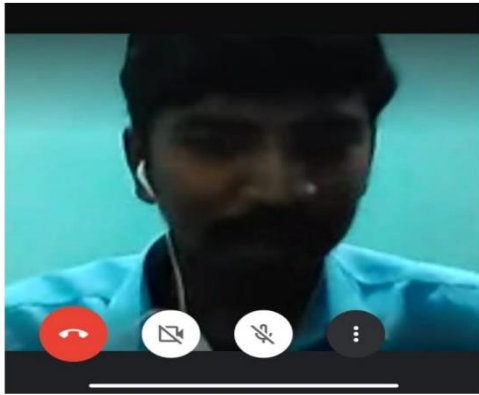
Platform




Resource Person:

M. Meganathan
Assistant Professor
Department of Mathematics
Don Bosco College(Co-Ed)
Yelagiri Hills.

Date: 28-11-2020
Time: 5 pm



atician



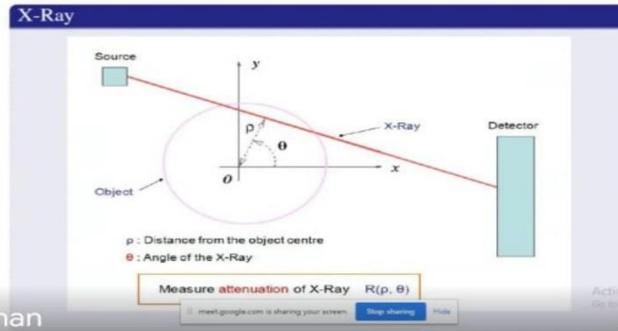
[December 22, 1887 - April 26, 1920]
 contributed to mathematical analysis, number theory, infinite series and continued fractions.

Clarification and Discussion

Thank You



Applications



You


K

215 - KART...

S

38 others

X-Rays cast a shadow



GOOD for looking at bones
 BAD for look

Scale

ne scale is an arbitrary nonempty closed subset of the real numbers. Here, we use the time scale on $h\mathbb{Z} = \{hk, k \in \mathbb{Z}\}, h > 0$.

me that $u(t)$ is defined on $\mathbb{N}_{a,b}$. Then, the generalized delta discrete Laplace transform of u is defined by

$$h[u(t)](s) = \int_a^{\infty} h\tilde{e}_{\ominus s}(t, a)u(t)\Delta_h t$$

$$= \int_a^{\infty} h\tilde{e}_{\ominus s}(t, a)u(t)\Delta_h t = \int_a^{\infty} \left(\frac{1}{1+hs}\right)^{\frac{t-a}{h}+1} u(t)\Delta_h t. \quad (2)$$

Generalized Difference Equations and its Application

Generalize Polynomial Factorial:

$k^{(1)} = k$

$k^{(2)} = k \cdot (k - h)$

$k^{(3)} = k \cdot (k - h) \cdot (k - 2h)$

$k^{(n)} = k \cdot (k - h) \cdot (k - 2h) \cdots (k - (n-1)h)$

Invited Talk

- **Resource Person:** Dr. A. Ponmana Selvan
 - **Topic: Numbers and Its Beautiful properties**
-

PG and Research department of Mathematics organized a webinar for the research forum students and also extended the invitation for all. The programme began with the prayer song after which Prof. Kalaiarasi introduced the resource person. It was well organized and around 50 students took part in the webinar. The resource person Dr. A. Ponmana Selvan taught the students with relevant examples on the **Topic: Numbers and Its Beautiful properties**. He explained the concept well in such a way that the students were able to grasp the ideas well. Finally, the session was concluded with the vote of thanks given by Miss. Merlin from third B.Sc Maths.



SACRED HEART COLLEGE (AUTONOMOUS)

TIRUPATTUR- 635 601

**P.G. AND RESEARCH DEPARTMENT OF MATHEMATICS (SHIFT - 1)
RESEARCH FORUM**

Cordially welcomes you for this Webinar

Topic: Numbers and it's Beautiful Properties

Resource Person:

Dr. A. Ponmana Selvan,
Assistant Professor,
Department of Mathematics,
Sri Sairam Institute of Technology,
West Tambaram,
Chennai - 44, Tamil Nadu

Platform



**Date:22/01/2021
Time: 2:30 pm to 3:30 pm**

Examples:

| | |
|---------------------------|--------------------------------------|
| (i) $112 + 21 = 33$ | 33- Palindromic Number |
| (ii) $25 + 52 = 77$ | 77- Palindromic Number |
| (i) $45 + 54 = 99$ | 55, 99- Palindromic Numbers |
| (ii) $23 + 32 = 55$ | |
| (i) $87 + 78 = 165$ | 4884 is a Palindromic Number. |
| (ii) $165 + 561 = 726$ | |
| (iii) $726 + 627 = 1353$ | |
| (iv) $1353 + 3531 = 4884$ | |

PONMANA SELVAN A

pvv-otwj-njh

Palindromic Numbers

The number which when we read from left and right are the same is known as Palindromic numbers.

Example:-

22, 101, 484, 93739, etc...

are palindromic numbers.

Amicable Numbers

Two integers x and y are said to be Amicable numbers if each of them can be expressed as the sum of all the divisors of the other, except that number.

NUMBERS

- ✓ Numbers play a very important role in our life.
- ✓ Numbers are very great gift of God to mankind.
- ✓ There is no word - there is no speech in the world.
- ✓ Similarly, if there is no numbers - there is no transaction in the world.

PONMANA SELVAN A

shka J joined

You 277 Marilyn PONMANA SE... 63 others

Share joining information

206--Alen Theop G G (You)

204 - M.PAVITHRA

205 Shylla

206 Pety metilda.A

207- MOHAMMED MASOOD ALAM R

208 Nancy Navotana A

209 Yamuna D

211 Pavithra D

211-Priyanga Shanmugam

214Vanmathi Seenu

215 - KARTHIGA SIVA

220 Beбето

220-Snapswari G

Invited Talk

- **Resource Person: Dr. P. Balaganesan**
 - **Topic: Applications of Differential Equations in Marine Engineering**
-
- The chief guest's introduction and welcome speech was given by Dr. V. Balaji . The webinar on **Applications of Differential Equations in Marine Engineering** was presented by **DR.P.BALAGANESAN**, which was so innovative, interactive and his presentation was in depth of the topic along with his knowledge. It was really an awesome session and very useful for us. At last the webinar was ended with a vote of thanks which was given by Sr.G.Maria (Ist M.Sc.Mathematics). The program was organized in a well manner along with the Principal and Head of the Department of Mathematics.

Application of Differential Equation in Marine Engineering

Dr. P. Balaganesan
Associate Professor
Department of Mathematics
Academy of Maritime Education and Training (AMET)
Kannathur
Chennai 603112



Based on derivative:

- Ordinary Differential Equation:**
It's a differential equation which depends on a single independent variable.
$$\frac{dy}{dx} = 5x + 5y$$
- Partial Differential Equation:**
It's a differential equation which depends on more than one independent variable.
$$\frac{\partial y}{\partial x} + \frac{\partial y}{\partial z} = x^2 - z^2$$

(51)

Dr.V.Balaji

Dr.Balaganesan Maths-As...

Dr.Balaganesan Maths-As...

(50)

Dr.V.Balaji

Dr.Balaganesan Maths-As...

Dr.Balaganesan Maths-As...

(48)

Dr.Balaganesan Maths-As...

Dr.V.Balaji

Order of the Differential Equation:

The order of a DE is an integer which is the highest differential coefficient (derivative) involved in the differential equation is known as the order of the differential equation.

$$x^2 \frac{d^2 y}{dx^2} + 5 \frac{dy}{dx} - 3y = 0$$

Here, the order = 2 as the order of highest derivative involved is 2.

- 1st Order Differential Equation: $\frac{dy}{dx} = y - 6$
- 2nd Order Differential Equation: $\frac{d^2 y}{dx^2} + 5 \frac{dy}{dx} - 3y = 0$ and so on.

Order of the Differential Equation:

The order of a DE is an integer which is the highest differential coefficient (derivative) involved in the differential equation is known as the order of the differential equation.

$$x^2 \frac{d^2 y}{dx^2} + 5 \frac{dy}{dx} - 3y = 0$$

Here, the order = 2 as the order of highest derivative involved is 2.

- 1st Order Differential Equation: $\frac{dy}{dx} = y - 6$
- 2nd Order Differential Equation: $\frac{d^2 y}{dx^2} + 5 \frac{dy}{dx} - 3y = 0$ and so on.

Degree of the Differential Equation:

The degree of a differential equation is the exponent of the highest order derivative involved in the differential equation.

$$x^2 \frac{d^2 y}{dx^2} + 5 \frac{dy}{dx} + 4y^2 = 1$$

Here, the degree = 1 as the highest order of derivative is 2.

$$\frac{d^2 y}{dx^2} + 5 \left(\frac{dy}{dx} \right)^2 + 4y^2 = 1$$

Here, the degree = 1 as the highest order of derivative is 2.

(50)

Asho Mary

Assistant Professor Balaji V

(47)

Dr.Balaganesan Maths-As...

Dr.V.Balaji

(49)

277 Manilyn Jili Chelsea V

278 Vishnu Priya

Assistant Professor Balaji V

3. Application:

3.1 First and Second Order

- $P = P(t)$ = Population at time t in a year.
- Suppose the Population of Tinsappur is 5,00,000 in the year 1st Jan 2000 (consider $t = 0$)
- The rate of change of Population is
 - $\frac{dP}{dt} =$ People born - People die + People moved in(2000) - People moved out(1000).
 - People born in 3% of Population - People died in 1% of Population + net Changes (2000 - 1000 = 1000)

Assistant Professor Balaji V

1. Introduction

Definition: DE is an equation, involving derivatives. The derivative may be ordinary derivative (OD) or Partial derivative (PD).
DE can be classified into
(i) ODE
(ii) PDE

(54)

Dr.Balaganesan Maths-As...

211 Pavithra D

(55)

Assistant Professor Balaji V

dineesh kumar

Dr.V.Balaji

(49)

Dr.V.Balaji

Dr.Balaganesan Maths-As...

Dr.Balaganesan Maths-As...

SACRED HEART COLLEGE, DEPARTMENT OF MATHEMATICS
RESEARCH FORUM ACTIVITIES FOR THE ACADEMIC YEAR 2020 – 2021

President: Dr. S. Kalaiarasi

Secretary: G.G.Allen , II M.Sc Mathematics

Joint Secretary: C.Kishore, II B.Sc Mathematics

Events Organized

| Date | |
|-------------|---|
| 03.10.2020 | Fresher's Meeting for I M.Sc. Mathematics |
| 28.10.2020 | Invited talk Resource person: Dr. L. Sujatha , Assistant Professor, Auxilium college, Vellore, Topic: FUZZY RELATIONS AND ITS APPLICATIONS |
| 24.11.2020 | Invited talk Resource Person: D. Sathiya, Assistant Professor, Department of Mathematics, Voorhees College, Vellore Topic: Applications of Calculus. |
| 28.11.2020 | Invited talk Resource Person: M. Meganathan Assistant Professor, Department of Mathematics, Don Bosco College, Yelagiri Hills Topic: Applications of Laplace Transform using Difference Equation. |
| 22.01.2021 | Invited talk Resource person: Dr. A. Ponmana Selvan , Assistant Professor, Department of Mathematics, Sri Sairam Institute of Technology Topic: Numbers and Its Beautiful properties. |
| 20.02.2021 | Invited Talk Resource Person: DR.P.BALAGANESAN, Associate professor, Department of mathematics, AMET university, Chennai Topic: APPLICATION OF DIFFERENTIAL EQUATION IN MARINE ENGINEERING |

RESEARCH FORUM- DEPT OF MATHEMATICS- SHIFT-I (2020-21)

Coordinator: Dr. S .KALAIARASI

Student Member List:

Class: II-M.Sc.Mathematics.

| SL.NO | NAMES | REGISTER NUMBER |
|--------------|----------------------|------------------------|
| 1 | ROSARIO.D | AP190227 |
| 2 | ROOHL.S | AP190229 |
| 3 | MONIKA.S | AP190230 |
| 4 | ANTO JOEL.L.P | AP190231 |
| 5 | DEEPA.M | AP190232 |
| 6 | VANI SHREE.J | AP190237 |

Class: I-M.Sc.Mathematics.

| SL.NO | NAMES | REGISTER NUMBER |
|--------------|--------------------------------|------------------------|
| 1 | YAMUNA.D | AP200209 |
| 2 | PAVITHRA.D | AP200211 |
| 3 | KOSALAI | AP200224 |
| 4 | GAYATHRI.V | AP200227 |
| 5 | ABISHEK | AP200228 |
| 6 | RENUGA.A | AP200229 |
| 7 | INTHU MATHI.P | AP200235 |
| 8 | DOLPHIN LYDIA JOVITHA.D | AP200236 |
| 9 | ABIRAMI.V | AP200238 |

| SL.NO | NAMES | REGISTER NUMBER |
|--------------|-------------------------------|------------------------|
| 1 | NAVEEN KUMAR .J | AU180202 |
| 2 | NANDHINI . B | AU180209 |
| 3 | PETER JOHN PAL .A | AU180212 |
| 4 | SOWMIYA . A | AU180213 |
| 5 | BABY SHALINI .D | AU180214 |
| 6 | KISHOR. C | AU180217 |
| 7 | KAMAR TAJ. D | AU180222 |
| 8 | GOKUL .S | AU180242 |
| 9 | MEENA .D | AU180250 |
| 10 | ELAVARASAN. R | AU180260 |
| 11 | BHARATH .S | AU180271 |
| 12 | THANIGAIVEL .N .S | AU180274 |
| 13 | RADHIKA.K | AU180276 |
| 14 | MARILYN JILL CHELSEA.V | AU180277 |

Class: III-B.Sc.Mathematics

| SL.NO | NAMES | REGISTER NUMBER |
|--------------|------------------------|------------------------|
| 1 | ANBARASU.R.K | AU190236 |
| 2 | VEDHACHALAM.B | AU190269 |
| 3 | RADHAKRISHNAN.P | AU190272 |
| 4 | SABITHA.K | AU190263 |
| 5 | RITHIKA.S | AU190271 |

Class: II-B.Sc.Mathematics

Research Forum-Department of Mathematics-Shift-II-2020-21

Coordinator: Dr. B. Chandrasekar, WhatsApp No. 9965302011

Student Member List:

Class: II B.Sc Mathematics

| Sl.No | Name | Register Number |
|-------|----------------|-----------------|
| 1. | S. SOMIYA | BU190201 |
| 2. | B. JEEVITHA | BU190206 |
| 3. | M. VIJAYAN | BU190224 |
| 4. | R. PRADEEP RAO | BU190252 |
| 5. | R. NANDAKUMAR | BU190265 |

Class: III B.Sc Mathematics

| Sl.No | Name | Register Number |
|-------|-----------------|-----------------|
| 1. | S. JOTHIKA | BU180202 |
| 2. | T. SUBASH | BU180207 |
| 3. | S. VINOOTHINI | BU180213 |
| 4. | T. NARENSHAKTHI | BU180217 |
| 5. | S. SANJAI | BU180219 |
| 6. | J. MATHAVAN | BU180233 |
| 7. | E. SWETHA | BU180263 |

Class: II M.Sc Mathematics

| Sl.No | Name | Register Number |
|-------|----------------------------|-----------------|
| 1. | R. MELLINA | BP190202 |
| 2. | T. JANANI | BP190203 |
| 3. | M. AGNALO PRINCE BABILONNE | BP190204 |
| 4. | S. HEMALATHA | BP190209 |
| 5. | C. VIDHYA | BP190210 |
| 6. | S. NAVEENA | BP190212 |
| 7. | S. SOUNDARYA | BP190214 |

SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR
DEPARTMENT OF MATHEMATICS - (SHIFT II)
RESEARCH FORUM - STUDENTS NAME LIST (2020 – 2021)

Class: II B.Sc Mathematics

| Sl.No | Name | Register Number |
|--------------|----------------|------------------------|
| 1. | S. SOMIYA | BU190201 |
| 2. | B. JEEVITHA | BU190206 |
| 3. | M. VIJAYAN | BU190224 |
| 4. | R. PRADEEP RAO | BU190252 |
| 5. | R. NANDAKUMAR | BU190265 |

Class: III B.Sc Mathematics

| Sl.No | Name | Register Number |
|--------------|-----------------|------------------------|
| 1. | S. JOTHIKA | BU180202 |
| 2. | T. SUBASH | BU180207 |
| 3. | S. VINOOTHINI | BU180213 |
| 4. | T. NARENSHAKTHI | BU180217 |
| 5. | S. SANJAI | BU180219 |
| 6. | J. MATHAVAN | BU180233 |
| 7. | E. SWETHA | BU180263 |

Class: II M.Sc Mathematics

| Sl.No | Name | Register Number |
|--------------|----------------------------|------------------------|
| 1. | R. MELLINA | BP190202 |
| 2. | T. JANANI | BP190203 |
| 3. | M. AGNALO PRINCE BABILONNE | BP190204 |
| 4. | S. HEMALATHA | BP190209 |
| 5. | C. VIDHYA | BP190210 |
| 6. | S. NAVEENA | BP190212 |
| 7. | S. SOUNDARYA | BP190214 |

SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR
DEPARTMENT OF MATHEMATICS - (SHIFT II)
RESEARCH FORUM – ANNUAL REPORT (2021 – 2021)

President: Dr. B. CHANDRASEKAR

Secretary: M. AGNALO PRINCE BABILONNE (BP190204 - II M.Sc. Mathematics)

| S. No | Date | Activities |
|-------|------------|--|
| 1 | 29.07.2020 | Research Forum Meeting |
| 2 | 29.07.2020 | Participation webinar on “Recent Trends in Research” organized by the PG and Research Department of Chemistry, SHC, Tirupattur. |
| 3 | 28.09.2020 | Special lecture on “ $e_n(x)$ Theory in Difference and Differential Equations” by Dr. G. Britto Antony Xavier , Associate Professor, Department of Mathematics, Sacred Heart College (Autonomous), Tirupattur |
| 4 | 16.10.2020 | Participation National webinar on “Research Ethics” organized by the Research Advisory Committee of St. Joseph’s College, Tiruchiapalli.. |
| 5 | 28.10.2020 | Special lecture on “Fuzzy Relation and its Applications” by Dr. L. Sujatha , Asst. Prof. of Mathematics, Auxillium College, Vellore |
| 6 | 07.11.2020 | Participation webinar on “Group Theory” organized Department of Mathematics in Association with Maths Club, Sai Ram Engineering College, West Tambaram, Chennai - 44. |
| 7 | 11.01.2021 | Student seminar on ‘Application of Mathematics’. |
| 8 | 13.02.2021 | Invited talk on “Numerical and semi-Analytical techniques for wave-structure interaction problems” by Dr. Harekrushna Behera , Research Assistant Professor, Department of Mathematics, S.R.M. Institute of Science and Technology, Chennai |
| 9 | 26.02.2021 | Invited talk on “Sets and its Functions” by Dr. Manimaran, Assistant Professor, Department of Mathematics, VIT University, Vellore |

SACRED HEART COLLEGE (AUTONOMOUS), TIRUPATTUR
DEPARTMENT OF MATHEMATICS - (SHIFT II)
RESEARCH FORUM
BEST STUDENTS FOR THE ACADEMIC YEAR 2020-2021

1. **T. JANANI** (II M.Sc., Mathematics)

❖ Presented a paper in the Student Seminar at SHC and won first place.

2. **M. AGNALO PRINCE BABILONNE** (II M.Sc., Mathematics)

❖ Presented a paper in the Student Seminar at SHC won third place

SACRED HEART COLLEGE (AUTONOMOUS) TIRUPATTUR

DEPARTMENT OF MATHEMATICS (Shift-II)

RESEARCH FORUM – ANNUAL REPORT (2020 – 2021)

The Department of Mathematics (Shift II) commenced our Research Forum Activities by conducting Research Forum Meeting on 27th of July 2020.

On 27th July 2020, some of our Research Forum students Participated webinar on “Recent Trends in Research” organized by the PG and Research Department of Chemistry, SHC, Tirupattur.

A webinar on “ $e_n(x)$ Theory in Difference and Differential Equations” was organized on 28th September 2020 through Google Meet application by **Dr. G. Britto Antony Xavier**, Associate Professor, Department of Mathematics, Sacred Heart College (Autonomous), Tirupattur

On 16th October 2020, some of our Research Forum students Participated National webinar on “Research Ethics” organized by the Research Advisory Committee of St. Joseph’s College, Tiruchiapalli

The Department of Mathematics (Shift-II) Research Forum organizing a webinar on 16th October 2020 through Google Meet application. **Dr. L. Sujatha**, Asst. Prof. of Mathematics, Auxillium College, Vellore was the resource person, who delivered a talk on “Fuzzy Relation and its Applications” to our research forum students.

On 07th November 2020, some of our Research Forum students Participated webinar on “Group Theory” organized Department of Mathematics in Association with Maths Club, Sai Ram Engineering College, West Tambaram, Chennai - 44.

On 11th January 2021, two of our Research Forum students presented papers in the Student seminar on ‘Application of Mathematics’ organized by the PG and Research Department of Mathematics(Shift II), Sacred Heart College, Tirupattur.

We invited **Dr. Harekrushna Behera**, Research Assistant Professor, Department of Mathematics, S.R.M. Institute of Science and Technology, Chennai, to deliver a lecture on “Numerical and semi-Analytical techniques for wave-structure interaction problems” on 13th February 2021 for the Research Forum students.

Dr. Manimaran, Assistant Professor, Department of Mathematics, VIT University, Vellore, delivered a talk on “Sets and its Functions” to the UG and PG research forum students on 26th February 2021 was organized by Mathematics Department.





Research Forum
PG and Research Department of Computer Applications - Shift-I
2020 – 21

Coordinator:

Name: K. SARAVANAPRIYA

Mobile no: 9965814162

Email: priya@shctpt.edu

Student Member List:

Class: Second year: Nil

Class: **Third year**

| SI. No. | Name | Register number |
|---------|---------------|-----------------|
| 1 | NIVETHA G | BP191002L |
| 2 | PAVITHRA V | BP191006L |
| 3 | DEEPA R | BP191012L |
| 4 | KEERTHIKA S | BP191013L |
| 5 | KEERTHANA S | BP191014L |
| 6 | THENDRAL P | BP191016L |
| 7 | GEETHANJALI K | BP191024L |
| 8 | SANGEETHA S | BP191025L |
| 9 | MONISHA S | BP191039L |
| 10 | KAYALVIZHI G | BP191040L |
| 11 | NAVEENA S | BP191053L |

Sacred Heart College (Autonomous)

Research Forum (2020-21)

PG and Research Department of Physics (Shift-I)

Consolidated Report

The research forum students in the PG and research department of Physics (Shift-I), Sacred Heart College (Autonomous) were given exposure to different research programs during the year 2020-2021. Due to covid-19 pandemic only few programs were conducted. About nine programs were conducted during the academic year 20-21. All students participated in various programmes such as lectures, students' seminars, movie show and quiz competitions. The first research forum program was about enlightening the students regarding recent advances in research and it was conducted on 19th January 2021 by the research forum staff in-charge Dr. A. Dhayal Raj. A clear picture about the topic was provided to the students and the importance of research in the society was pointed out. It was an eye opening session for students who don't have an insight about research. On 22st January 2021 the research forum students were enlightened about writing project proposals and their importance. Dr. A. Dhayal Raj handled this session. This session made the students to understand the importance of research projects in this epoch. The research forum students were encouraged to prepare and give seminars on topics like Michelson's Interferometer, Pyrheliometer and pH meter. This was the third program of this academic year and was conducted on 28th January 2021.

On 1st February 2021, Dr.R. Mangalam from the PSG institute of Technology, Coimbatore presented a webinar on " Physics in modern world" after the webinar, the research forum students were provided time to interact with the speaker. She clarified all the doubts raised by the students and interacted actively with the research forum students. Thereby she was able to improve the research interest as well as science knowledge of the research students. On 10th February 2021 Dr. A. Dhayal Raj gave a lecture on the importance of selecting a research problem. The research forum students understood clearly the selection criteria and choosing of research problems.

Mr. Deepan Jayakumar and Mr. Amalan delivered lectures on the gravitational waves and the principle behind working of Drones on 13th Feb 2021. The presentation was very clear and all the students appreciated them. Science fiction movie was screened to the research forum students on 15th Feb 2021 to enhance the research interest in students. A quiz competition was conducted for the students of research forum on 22nd Feb 2021. The students enjoyed the quiz to maximum extent, at the same time they inferred knowledge on basic physics concepts and physics scientists. The Staff in-charge Dr. A. Dhayal Raj congratulated the winners and was happy to see the increase of knowledge about research among students. The last programme was conducted on 23rd Feb 2021. It was students seminar. Mr. Surya of III B.Sc Physics and Miss. Immaculate of II B.Sc Physics, shared their knowledge about online services and Borewell rescue machine (Borot Devices). Mr. Mariya Joseph of III B.Sc Physics prepared a demo model on steps to charge and he explained the construction and working principle of this device.

Sacred Heart College (Autonomous)

Research Forum (2020-21)

PG and Research Department of Physics (Shift-I)

Activities conducted during the year (2020-2021)

| S.No. | Programme | Date |
|-------|---|------------|
| 1. | Session on Recent Advances in Scientific Research | 19-01-2021 |
| 2. | Input session on Project proposal writing and its importance | 22-01-2021 |
| 3. | Students seminar on Michelson's Interferometer, Pyrheliometer and pH meter | 28-01-2021 |
| 4. | Webinar on Physics in Modern world | 01-02-2021 |
| 5. | Session on the importance of selecting a research problem | 10-02-2021 |
| 6. | Seminar on "Gravitational waves & their discovery" and "working Principle behind Drone" | 13-02-2021 |
| 7. | Science fiction-based movie show | 15-02-2021 |
| 8. | Quiz competition | 22-02-2021 |
| 9. | Students seminar | 23-02-2021 |

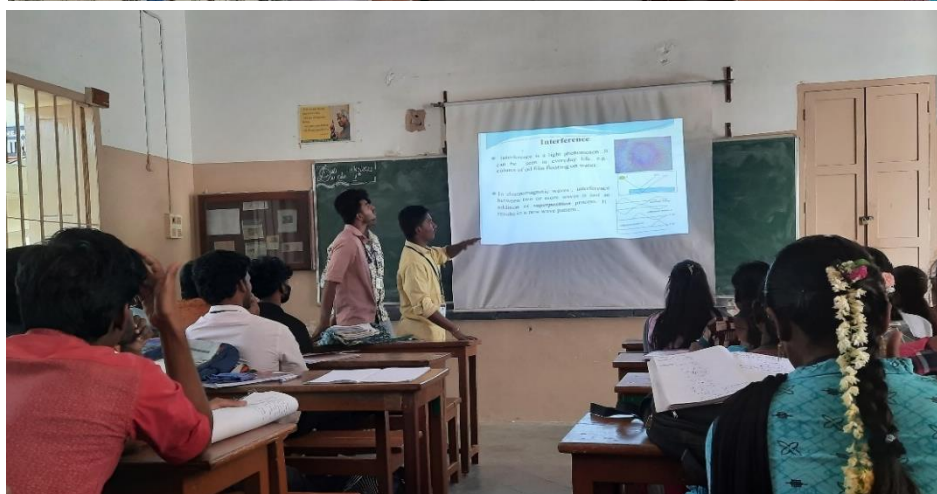
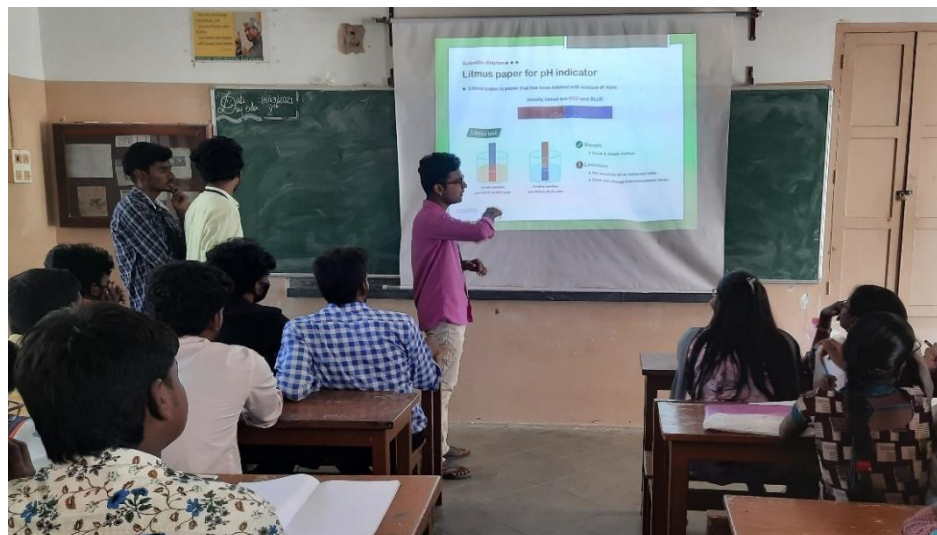
Session on Recent Advances in Scientific Research- 19-01-2021



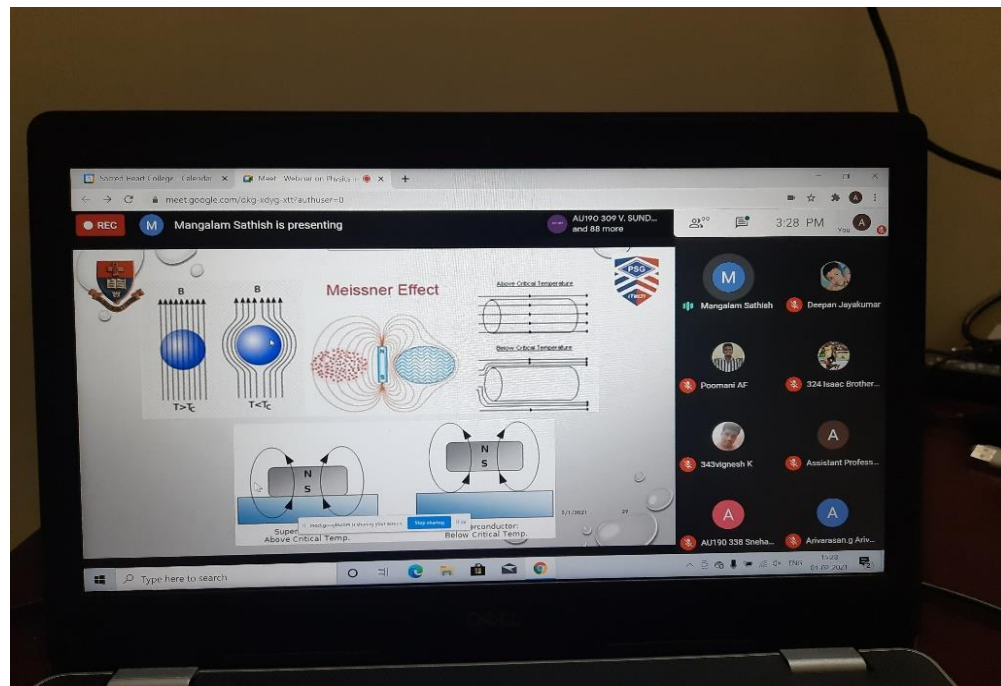
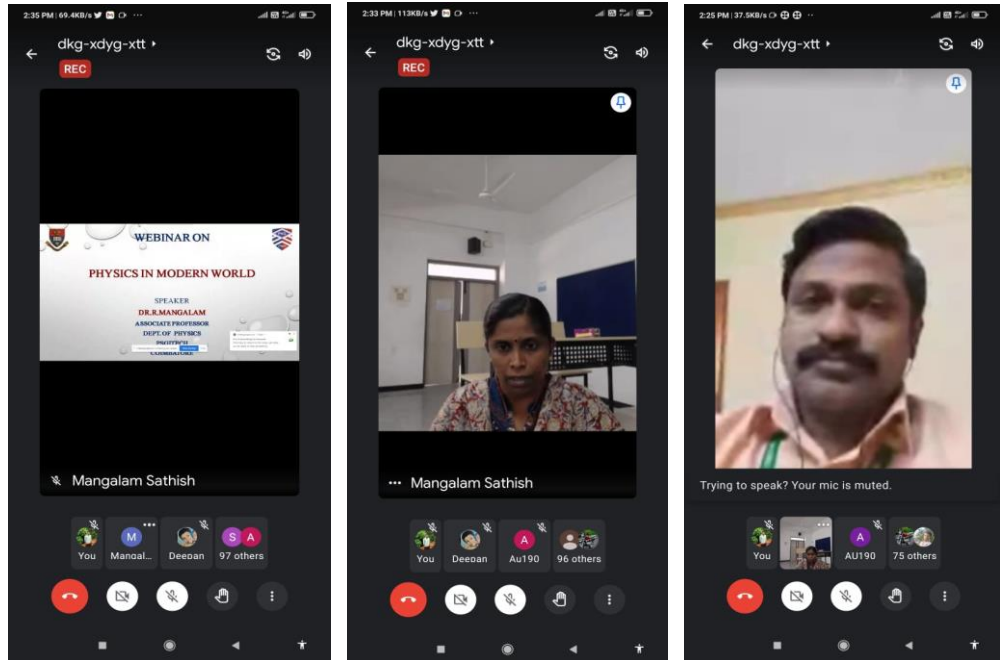
Input session on Project proposal writing and its importance – 22-01-2021



Students seminar on Michelson's Interferometer, Pyrheliometer and pH meter – 28-01-2021



Webinar on Physics in Modern world - 01-02-2021



**Session on the importance of selecting a research problem
On 10-02-2021**



Seminar on “ Gravitational waves & their discovery “ and “ working Principle behind Drone” 13-02-2021



Science fiction-based movie show on 15-02-2021



Quiz competition 22-02-2021



Students seminar on 23-02-2021





Sacred Heart College, Tirupattur 635 601.
PG & Research Department of Physics (Shift- I)
Research Forum

Secretary : Deepan. J (AU180348)
Joint Secretary : Selvakumar. S (AU190347)

II B.Sc. Physics

| S. No | Reg. No | Name |
|-------|----------|----------------------|
| 1. | AU190303 | Ester Baveena. R |
| 2. | AU190305 | Gopika. K |
| 3. | AU190311 | Deepika. D |
| 4. | AU190314 | Surya. M |
| 5. | AU190322 | Priyadharshini. U. P |
| 6. | AU190323 | Ronishailanto. R |
| 7. | AU190325 | Immaculate. J |
| 8. | AU190342 | Danush. M |
| 9. | AU190344 | Monish. V |
| 10. | AU190345 | Mithra. P |
| 11. | AU190347 | Selvakumar. S |
| 12. | AU190350 | Sneha. G |
| 13. | AU190351 | Keerthika. A |
| 14. | AU190352 | Ragul. D |
| 15. | AU190354 | Siva. A. K |

III B.Sc. Physics

| S. No | Reg. No | Name |
|-------|----------|--------------------|
| 1. | AU180303 | Raj Kumar K |
| 2. | AU180320 | Aravindhan S |
| 3. | AU180329 | Sathish. M |
| 4. | AU180330 | Poomani A F |
| 5. | AU180331 | Nithish Kumar C |
| 6. | AU180333 | Mariya Joseph A |
| 7. | Au180339 | Surya V |
| 8. | AU180342 | Celestine Amalan P |
| 9. | AU180346 | Heman Kumar K |
| 10. | AU180348 | Deepan J |

Department of Physics(Shift-I)

Research Forum (2020-'21)

Coordinator: Dr. A. Dhayal Raj

(Mobile & whatsapp no: 9865263035

E mail : dhayalraj03@gmail.com)

Name list of students who are members of Research forum during the academic year 2020-'21

Class: II B. Sc. Physics

| S. No. | Name | Reg. No. |
|--------|--------------------|----------|
| 1 | ESTHER BAVEENA.R | AU190303 |
| 2 | GOPIKA.K | AU190305 |
| 3 | DEEPIKA.D | AU190311 |
| 4 | SURIYA.M | AU190314 |
| 5 | PRIYADHARSHINI.U.P | AU190322 |
| 6 | RONISHAILANTO.R | AU190323 |
| 7 | IMMACULATE.J | AU190325 |
| 8 | DHANUSH.M | AU19342 |
| 9 | MONISH.V | AU190344 |
| 10 | MITHRA.P | AU190345 |
| 11 | SELVAKUMAR.S | AU190347 |
| 12 | SNEHA.G | AU190350 |
| 13 | KEERTHIKA.A | AU190351 |
| 14 | RAGUL.D | AU190352 |
| 15 | SIVA.A.K | AU190354 |

Class: III B. Sc. Physics

| S. No. | Name | Reg. No. |
|---------------|--------------------|-----------------|
| 1 | RAJ KUMAR K | AU180303 |
| 2 | ARAVINDHAN S | AU180320 |
| 3 | SATHISH. M | AU180329 |
| 4 | POOMANI A F | AU180330 |
| 5 | NITHISH KUMAR C | AU180331 |
| 6 | MARIYA JOSEPH A | AU180333 |
| 7 | SURYA V | Au180339 |
| 8 | CELESTINE AMALAN P | AU180342 |
| 9 | HEMAN KUMAR K | AU180346 |
| 10 | DEEPAN J | AU180348 |

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

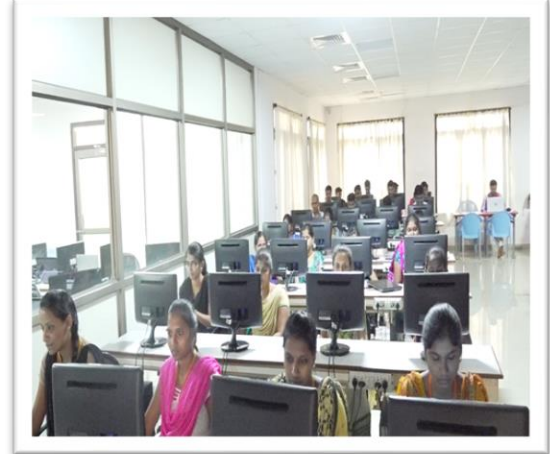
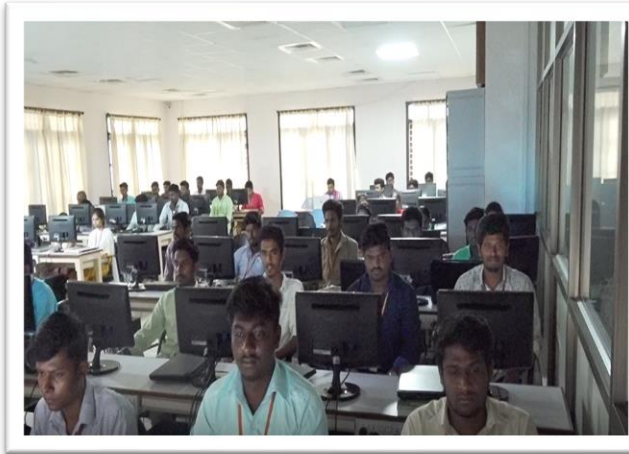
Event : Workshop
Topic : SPSS Basics
Date : 23/08/2022
Resource Person : Dr. Ananth Anthonisamy, Faculty in Accounting and Finance Department of Business Studies University of Technology and Applied Sciences, IBRA, Sultanate of Oman



- 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).





ஆய்வு மன்ற ஒருங்கிணைப்பாளர் : முனைவர் ஆ. சந்திரன்

| வ. எ | நாள் | தலைப்பு | உரையாளர் |
|------|--|--|---|
| 1 | 21.10.2020 புதன்கிழமை மாலை 6 - 7 | பெருமழைப் புலவர் பொ.வே.சோமசுந்தர னாரின் உரைநூட்பம் | முனைவர் வே. கார்த்திக் தொகுப்பாளர்இ செந்தமிழ்ச் சொற்பிறப்பியல் அகரமுதலித்திட்ட இயக்ககம்இ தரமணிஇ சென்னை. |
| 2 | 23.10.2020 வெள்ளிக்கிழ மை மாலை 6 -7 | பெண்ணியக் கோட்பாடுகள் வழி நவீன பெண் கவிதைகள் | கவிஞர் முபீன் சாதிகா விமர்சகர்இ சென்னை. |
| 3 | 28.10.2020 புதன்கிழமை மாலை 6 -7 | தொல்காப்பிய அகக்கோட்பாடுகள் | பேராசிரியர் த. பாண்டியன் காஞ்சி கிருஷ்ணா கலை அறிவியல் கல்லூரி காஞ்சிபுரம் |
| 4. | 30.10:2020 வெள்ளிக்கிழ மை மாலை 6 -7 | தொல்காப்பிய அகமரபு வழி அகநானூற்றில் தலைவன் | முனைவர் ஆ. பூபாலன் தமிழ்த்துறைத் தலைவர் லட்சுமி பங்காரு கலை மற்றும் அறிவியல் கல்லூரி மேல்மருவத்தூர். |
| 5 | 02:11:2020 திங்கள் மாலை 6 -7 | நாட்டுப்புறத் தெய்வ வழிபாடும் சமூக உறவுகளும் | முனைவர் மு. ஏழுமலை உதவிப் பேராசிரியர் தமிழிலக்கியத்துறை துவாரகதாஸ் கோவர்தன்தாஸ் வைணவக் கல்லூரி அரும்பாக்கம் சென்னை |
| 6. | 03:11:2020 செவ்வாய் மாலை 6 - 7 | ஒப்பீட்டு நோக்கில் தமிழ் - தெலுங்கு இலக்கியங்கள் | முனைவர் பொருளை க. மாரியப்பன் உதவிப் பேராசிரியர் தமிழ் மொழி மற்றும் மொழிபெயர்ப்பியல் துறை திராவிடப் பல்கலைக்கழம் குப்பம்இ ஆந்திர மாநிலம். |
| 7 | 04:11:2020 புதன்கிழமை மாலை 6 - 7 | நெய்தல் நிலம்:ஆய்வுத் தேடலும் ஆய்வுப் பரப்பும் | முனைவர் பி.பாலசுப்பிரமணியன் தமிழ்த்துறைத் தலைவர் - (பிரிவு - ஐஐ) தமிழ் முதுகலை ஁ ஆய்வுத்துறை துயநெஞ்சக் கல்லூரி (தன்னாட்சி) திருப்பத்தூர் மாவட்டம் - 635 601. |

Class: II MA Tamil

| Sl. No. | Name | Register number |
|---------|--------------|-----------------|
| 1 | D. SHARMILA | BP190801 |
| 2 | E. KANIMOZHI | BP190802 |

| | | |
|---|-------------------|----------|
| 3 | A. KALAIYARASI | BP190803 |
| 4 | M. ANANDHI | BP190804 |
| 5 | C. HEPZIBA | BP190805 |
| 6 | S. SARALA | BP190806 |
| 7 | K. SANTHOSH KUMAR | BP190807 |
| 8 | M. DHASARATHAN | BP190808 |

Class: **I MA Tamil**

| Sl. No. | Name | Register number |
|---------|----------------------|-----------------|
| 1 | S. Sathish | BP200801 |
| 2 | K. Anbarasan | BP200802 |
| 3 | S. Jafar | BP200803 |
| 4 | B. Sriram | BP200804 |
| 5 | K. Sowmiya narayani | BP200805 |
| 6 | V. Senthamizh selvan | BP200806 |
| 7 | N. Karthick | BP200807 |
| 8 | C. Vaishnavi | BP200808 |
| 9 | A. Thenmozhi | BP200809 |

Class: **III BA Tamil**

| Sl. No. | Name | Register number |
|---------|-------------------|-----------------|
| 1 | M. MONISHA | BU180802 |
| 2 | U. ANJALI | BU180806 |
| 3 | M. AANANDHI | BU180805 |
| 4 | S. NAVEEN | BU180808 |
| 5 | E. NANDHAKUMAR | BU180807 |
| 6 | M. JAYASURIYA | BU1808011 |
| 7 | S. KARVENDAN | BU180825 |
| 8 | B. JASHWANTHRAGUL | BU180843 |
| 9 | A. GOKUL | BU180832 |
| 10 | M. TAMILARASAN | BU180844 |

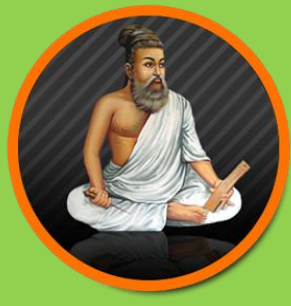
| | | |
|----|-------------------|----------|
| 11 | R. SREENIVASAN | BU180845 |
| 12 | P. SUNDARAMOORTHY | BU180837 |
| 13 | P. POVIYARASI | BU180812 |
| 14 | B. KAVIYA | BU180818 |
| 15 | N. SRIMATHI | BU180824 |
| 16 | S. MAHALAKSHMI | BU180851 |
| 17 | A. SATHIYA | BU180877 |

Class: **II BA Tamil**

| Sl. No. | Name | Register number |
|---------|------------------|-----------------|
| 1 | T.Poovizhi | BU190817 |
| 2 | A .Deepika | BU190828 |
| 3 | N. Perithika | BU190813 |
| 4 | P.Banupriya | BU190842 |
| 5 | S. Bharathkumar | BU190847 |
| 6 | T. Ajay siddarth | BU190859 |
| 7. | V. Navish | BU1908 |



துய நெஞ்சக் கல்லூரி (தன்னாட்சி)
NAAC (4th Cycle - under RAF) with CGPA of 3.31/4 at 'A+' Grade
திருப்பத்தூர் மாவட்டம் - 635 601
தமிழ் முதுகலை & ஆய்வுத்துறை
ஆய்வுமன்றம் (Research forum)



21.10.2020

புதன்கிழமை

மாலை 6 - 7

ஆய்வுமன்ற (Research forum)
இணையவழிக் கருத்தரங்கம்

பெருமழைப் புலவர் பொ.வே.சோமசுந்தரனாரின் உரைநூட்பம்

தலைமை

முனைவர் கே. ஏ. மரிய ஆரோக்கியராஜ் ச.ச.,
கூடுதல் முதல்வர் (பி - II)

முனைவர் ஜா.தியோஃபில் ஆனந்த் ச.ச.,
துணை முதல்வர் (பி - II)

முன்னிலை

முனைவர் பி.பாலசுப்பிரமணியன்
தமிழ்த்துறைத் தலைவர் - (பிரிவு - II)

அறிமுகவுரை

மு. ஜெயசூர்யா

III இளங்கலைத் தமிழ்

நிகழ்ச்சித் தொகுப்பு

சை.ஜாபர்

I முதுகலைத் தமிழ்

நன்றியுரை

த. பூவிழி

II இளங்கலைத் தமிழ்



நிகழ்வு google meet
செயலி வமி ஈடைபெறும்.

முனைவர் வே. கார்த்திக்

தொகுப்பாளர்,

செந்தமிழ்ச் சொற்பிறப்பியல் அகரமுதலித்திட்ட இயக்ககம்,

தரமணி, சென்னை.

நிகழ்ச்சி ஒருங்கிணைப்பு: முனைவர் ஆசந்திரன் ஆய்வுமன்றத் தலைவர்



துய நெஞ்சக் கல்லூரி (தன்னாட்சி)
NAAC (4th Cycle - under RAF) with CGPA of 3.31/4 at 'A+' Grade
திருப்பத்தூர் மாவட்டம் - 635 601
தமிழ் முதுகலை & ஆய்வுத்துறை
ஆய்வுமன்றம் (Research forum)



23.10.2020

வெள்ளிக்கிழமை

மாலை 6 -7

ஆய்வுமன்ற (Research forum)
இணையவழிக் கருத்தரங்கம்

ஆய்வுரைத் தலைப்பு
பெண்ணியக் கோட்பாடுகள் வழி நவீன பெண் கவிதைகள்

தலைமை

முனைவர் கே. ஏ. மரிய ஆரோக்கியராஜ் ச.ச.,
கூடுதல் முதல்வர் (பி - II)

முனைவர் ஜா.தியோஃபில் ஆனந்த் ச.ச.,
துணை முதல்வர் (பி - II)

முன்னிலை உரை

முனைவர் பி. பாலசுப்பிரமணியன்
தமிழ்த்துறைத் தலைவர் - (பிரிவு - II)

அறிமுக உரை

முனைவர் ஆ.சந்திரன்
ஆய்வுமன்றத் தலைவர்



நிகழ்வு google meet
செயலி வழி நடைபெறும்.

கவிஞர் முபீன் சாதிகா

விமர்சகர், சென்னை.

நிகழ்ச்சி ஒருங்கிணைப்பு: முதுகலைத் தமிழ் II ஆண்டு மாணவர்கள்



துய நெஞ்சக் கல்லூரி (தன்னாட்சி)

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

திருப்பத்தூர் மாவட்டம் - 635 601

தமிழ் முதுகலை & ஆய்வுத்துறை
ஆய்வுமன்றம் (Research forum)



28.10.2020

புதன்கிழமை

மாலை 6-7

ஆய்வுமன்ற (Research forum)
இணையவழிக் கருத்தரங்கம்

ஆய்வுரைத் தலைப்பு
தொல்காப்பிய அகக்கோட்பாடுகள்

தலைமை

முனைவர் கே. ஏ. மரிய ஆரோக்கியராஜ் ச.ச.,
கூடுதல் முதல்வர் (பி - II)

முனைவர் ஜா.தியோஃபில் ஆனந்த் ச.ச.,
துணை முதல்வர் (பி - II)

முன்னிலை உரை

முனைவர் பி.பாலசுப்பிரமணியன்
தமிழ்த்துறைத் தலைவர் - (பிரிவு - II)

அறிமுக உரை

முனைவர் ஆ.சந்திரன்
ஆய்வுமன்றத் தலைவர்

நிகழ்ச்சித்தொகுப்பு

கா. அன்பரசு

ஆய்வுமன்ற இணைச் செயலாளர்

நன்றியுரை

க.சௌமியநாராயணி

I முதுகலைத் தமிழ்



 Google

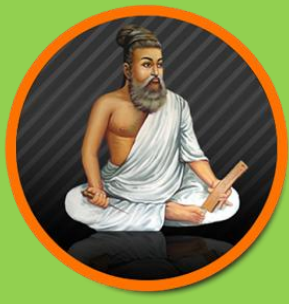
நிகழ்வு google meet
செயலி வழி நடைபெறும்.

பேராசிரியர் த. பாண்டியன்
காஞ்சி கிருஷ்ணா கலை அறிவியல் கல்லூரி
காஞ்சிபுரம்

நிகழ்ச்சி ஒருங்கிணைப்பு: முனைவர் ஆ.சந்திரன் ஆய்வுமன்றத் தலைவர்



துய நெஞ்சக் கல்லூரி (தன்னாட்சி)
NAAC (4th Cycle - under RAF) with CGPA of 3.31/4 at 'A+' Grade
திருப்பத்தூர் மாவட்டம் - 635 601
தமிழ் முதுகலை & ஆய்வுத்துறை
ஆய்வுமன்றம் (Research forum)



30:10:2020

வெள்ளிக்கிழமை

மாலை 6 -7

ஆய்வுமன்ற (Research forum)
இணையவழிக் கருத்தரங்கம்

ஆய்வுரைத் தலைப்பு
தொல்காப்பிய அகமரபு வழி அகநானூற்றில் தலைவன்

தலைமை

முனைவர் கே.ஏ. மரிய ஆரோக்கியராஜ் ச.ச.,
கூடுதல் முதல்வர் (பி - II)

முனைவர் ஜா.தியோஃபில் ஆனந்த் ச.ச.,
துணை முதல்வர் (பி - II)

முன்னிலை உரை

முனைவர் பி.பாலசுப்பிரமணியன்
தமிழ்த்துறைத் தலைவர் - (பிரிவு - II)

அறிமுக உரை

சி. சதீஷ்

I முதுகலைத் தமிழ்

நன்றியுரை

கா. அன்பரசு

I முதுகலைத் தமிழ்



 Google

நிகழ்வு google meet
செயலி வழி நடைபெறும்.

முனைவர் ஆ. பூபாலன்

தமிழ்த்துறைத் தலைவர்
லட்சுமி பங்காரு கலை மற்றும் அறிவியல் கல்லூரி
மேல்மருவத்தூர்.

நிகழ்ச்சி ஒருங்கிணைப்பு: முனைவர் ஆ.சந்திரன் ஆய்வுமன்றத் தலைவர்



துய நெஞ்சக் கல்லூரி (தன்னாட்சி)

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

திருப்பத்தூர் மாவட்டம் - 635 601

தமிழ் முதுகலை & ஆய்வுத்துறை
ஆய்வுமன்றம் (Research forum)



02:11:2020

திங்கள்

மாலை 6 - 7

ஆய்வுமன்ற (Research forum)
இணையவழிக் கருத்தரங்கம்

ஆய்வுரைத் தலைப்பு

நாட்டுப்புறத் தெய்வ வழிபாடும் சமூக உறவுகளும்

தலைமை

முனைவர் கே. ஏ. மரிய ஆரோக்கியராஜ் ச.ச.,
கூடுதல் முதல்வர் (பி - II)

முனைவர் ஜா. தியேனீபில் ஆனந்த் ச.ச.,
துணை முதல்வர் (பி - II)

முன்னிலை உரை

முனைவர் பி. பாலசுப்பிரமணியன்
தமிழ்த்துறைத் தலைவர் - (பிரிவு - II)

அறிமுக உரை

க. பூஷிதி

II இளங்கலைத் தமிழ்

நன்றியுரை

சா. எம்.ஷீபா

II முதுகலைத் தமிழ்

நிகழ்ச்சித் தொகுப்பு

அ. கோகுல்

III இளங்கலைத் தமிழ்



முனைவர் மு. ஏழுமலை

உதவிப் பேராசிரியர்
தமிழிலக்கியத்துறை
துவாரகதாஸ் கோவர்தன்தாஸ் வைணவக் கல்லூரி
அரும்பாக்கம்
சென்னை



<https://meet.google.com/mcf-vywb-ahc>

நிகழ்ச்சி ஒருங்கிணைப்பு: முனைவர் ஆ.சந்திரன் ஆய்வுமன்றத் தலைவர்



துய நெஞ்சக் கல்லூரி (தன்னாட்சி)
NAAC (4th Cycle – under RAF) with CGPA of 3.31/4 at 'A+' Grade
திருப்பத்தூர் மாவட்டம் - 635 601
தமிழ் முதுகலை & ஆய்வுத்துறை
ஆய்வுமன்றம் (Research forum)



03:11:2020

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ஆய்வுரைத் தலைப்பு
ஒப்பீட்டு நோக்கில் தமிழ் – தெலுங்கு இலக்கியங்கள்

தலைமை

முனைவர் கே.ஏ. மரிய ஆரோக்கியராஜ் ச.ச.,
கூடுதல் முதல்வர் (பி - II)

முனைவர் ஜா.தியோஃபில் ஆனந்த் ச.ச.,
துணை முதல்வர் (பி - II)



முன்னிலை உரை

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அறிமுக உரை

த.சர்மிளா
II முதுகலைத் தமிழ்

நிகழ்ச்சித் தொகுப்பு

ந.கார்த்திக்
I முதுகலைத் தமிழ்

நன்றியுரை

ர.சீனிவாசன்
III இளங்கலைத் தமிழ்



<https://meet.google.com/knv-smxj-wnh>

முனைவர் பொருநை க. மாரியப்பன்

உதவிப் பேராசிரியர்
தமிழ் மொழி மற்றும் மொழிபெயர்ப்பியல் துறை
திராவிடப் பல்கலைக்கழம்
குப்பம், ஆந்திர மாநிலம்.

நிகழ்ச்சி ஒருங்கிணைப்பு: முனைவர் ஆசந்திரன் ஆய்வுமன்றத் தலைவர்



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தமிழ் முதுகலை & ஆய்வுத்துறை
ஆய்வுமன்றம் (Research forum)



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நெய்தல் நிலம்: ஆய்வுத் தேடலும் ஆய்வுப் பரப்பும்

தலைமை
 முனைவர் கே. ஏ. மரிய ஆரோக்கியராஜ் ச.ச.,
 கூடுதல் முதல்வர் (பி - II)

முனைவர் ஜா. தியேனீபில் ஆனந்த் ச.ச.,
 துணை முதல்வர் (பி - II)



அறிமுக உரை
 ஆ. தேன்மொழி
 I முதுகலைத் தமிழ்

நன்றியுரை
 வெ. செந்தமிழ்செல்வன்
 I முதுகலைத் தமிழ்

நிகழ்ச்சித் தொகுப்பு
 சி. சரளா
 II முதுகலைத் தமிழ்

முனைவர் பி. பாலசுப்பிரமணியன்
 தமிழ்த்துறைத் தலைவர் - (பிரிவு - II)
 தமிழ் முதுகலை & ஆய்வுத்துறை
 துயநெஞ்சக் கல்லூரி (தன்னாட்சி)
 திருப்பத்தூர் மாவட்டம் - 635 601



<https://meet.google.com/fde-vutm-wtk>

நிகழ்ச்சி ஒருங்கிணைப்பு: ஆய்வுமன்ற மாணவர்கள்



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ஆய்வுமன்றம் (Research forum)



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கடவுள் வாழ்த்தும் உலகக் கவிதை மரபும்

தலைமை

முனைவர் கே. ஏ. மரிய ஆரோக்கியராஜ் ச.ச.,
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துணை முதல்வர் (பி - II)

முன்னிலை உரை

முனைவர் பி.பாலகப்பிரமணியன்
தமிழ்த்துறைத் தலைவர் - (பிரிவு - II)

அறிமுக உரை

மு.ஆனந்தி
II முதுகலைத் தமிழ்

நிகழ்ச்சித் தொகுப்பு

ந.கார்த்திக்
I முதுகலைத் தமிழ்

நன்றியுரை

மு.ஆனந்தி
III இனங்கலைத் தமிழ்



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<https://meet.google.com/zcp-equa-ery>

முனைவர் ந.சோழன்

உதவிப்பேராசிரியர்

தமிழ் முதுகலை & ஆய்வுத்துறை
துய நெஞ்சக் கல்லூரி (தன்னாட்சி)
திருப்பத்தூர் மாவட்டம் - 635 601

நிகழ்ச்சி ஒருங்கிணைப்பு: முனைவர் ஆசந்திரன் ஆய்வுமன்றத் தலைவர்

Principal