

Research Forum 2015-16

To encourage and inculcate research aptitude among students St. Mary's College Thrissur introduced research forum and departments actively encouraged students to participate in various research oriented programs and also to present their works in various seminars. College conducted research motivational talks to the students. Third year degree students and post graduate students from science and arts participated in various research oriented programs.

DEPARTMENT OF MATHEMATICS

Department of Mathematics encouraged students to participate in various seminars and presentations to improve the research attitude. Department also provided NET coaching to the students.

1. List of seminars participated by students

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|---|-------------|-----------------------------------|---|-------------------------|-----------------------------|
| 1 | MATHEMATICS | Graph theory and its applications | SN college, Kolappully on | 29/10/2015 – 30/10/2015 | 2 ND PG students |
| 2 | MATHEMATICS | History and Evolution of Numbers | St.Marys College, Thrissur(as a part of Department association inauguration) | 7/7/2015 | 150 students |



Dr V Rajendran Lectured on the topic “History and evolution of numbers on 7/7/2015

2. List of student presentation inside and outside college

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| 09/11/2015 | <ul style="list-style-type: none">I PG student Jomely presented a paper on Graph theory |
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3. Details of net coaching-

2015-2016(December-May)

Resource Persons: Ms. Neethu T.S , Mr.Jaison Joseph , Mr. Vaishakh , Ms. Sukanya K P

| SL.NO | NAME OF THE STUDENT |
|-------|----------------------|
| 1 | Sreeja Santhoshkumar |
| 2 | Jomlin Jose |
| 3 | Vidya Muraleedharan |
| 4 | Reshm Ravindran |
| 5 | Viniya VG |
| 6 | Lakshmy S |
| 7 | Sreedevi B |
| 8 | Sunila K |
| 9 | Abdul Vasih C |
| 10 | Riya Vinoop |
| 11 | Reshma K M |
| 12 | Athira John |
| 13 | Nisha Mathew |
| 14 | Raji R |
| 15 | Steffi Jose |

Department of Microbiology:

1. List of seminars participated by students

| NO | NAME OF STUDENT | DEPT AND CLASS | SEMINAR TOPIC | DATE AND VENUE | INTERNATIONAL/NATIONAL/ STATE/REGIONAL |
|----|-----------------------|------------------------|--|---|--|
| 1. | Sneha K S | II MSc Microbiology | Emerging Trends in Herbal Technology | 7-9 October 2015, St Thomas College,Thrissur. | National |
| 2. | Nusrath Noorudheen | II MSc Microbiology | Emerging Trends in Herbal Technology | 7-9 October 2015, St Thomas College,Thrissur. | National |

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|----|----------------------|------------------------|--|--|-------|
| 3. | Akshara K | I M Sc Microbiology | KSCSTE sponsored Workshop on Advances in fermentation technology and downstream processing | 17-21 August 2015, Sahradaya College of Engineering and Technology ,Kodakara. | State |
| 4. | Chandini Nandilath | I M Sc Microbiology | KSCSTE sponsored Workshop on Advances in fermentation technology and downstream processing | 17-21 August 2015, Sahradaya College of Engineering and Technology ,Kodakara. | State |
| 5. | Jeeshma Wilson C | I M Sc Microbiology | KSCSTE sponsored Workshop on Advances in fermentation technology and downstream processing | 17-21 August 2015, Sahradaya College of Engineering and Technology ,Kodakara. | State |
| 6. | Jesthistha A Thattil | I M Sc Microbiology | KSCSTE sponsored Workshop on Advances in fermentation technology and downstream processing | 17-21 August 2015, Sahradaya College of Engineering and Technology ,Kodakara. | State |

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|----|-------------------|------------------------|--|--|-------|
| 7. | Liviya Joy | I M Sc Microbiology | KSCSTE sponsored Workshop on Advances in fermentation technology and downstream processing | 17-21 August 2015, Sahradaya College of Engineering and Technology ,Kodakara. | State |
| 8. | Rose Meldril John | I M Sc Microbiology | KSCSTE sponsored Workshop on Advances in fermentation technology and downstream processing | 17-21 August 2015, Sahradaya College of Engineering and Technology ,Kodakara. | State |
| 9. | Shincy Francis | I M Sc Microbiology | KSCSTE sponsored Workshop on Advances in fermentation technology and downstream processing | 17-21 August 2015, Sahradaya College of Engineering and Technology ,Kodakara. | State |

List of student presentation inside and outside college

| NO | NAME OF STUDENT | DEPT AND CLASS | SEMINAR TOPIC | DATE AND VENUE | TITLE OF THE PAPER | NATIO NAL/ST ATE/RE GIONA L |
|----|-----------------|----------------|---------------|----------------|--------------------|---|
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|----|-----------------------|------------------------|--|--|---|----------|
| 1. | Sneha K S | II MSc Microbiology | Emerging Trends in Herbal Technology | 7-9 October 2015, St Thomas College, Thrissur. | Study on the phytochemical ,antibacterial and antioxidant activities of <i>Simarouba glauca</i> | National |
| 2. | Nusrath Noorudheen | II MSc Microbiology | Emerging Trends in Herbal Technology | 7-9 October 2015, St Thomas College, Thrissur. | Effect of ethanolic extract of <i>Phyllanthus emblica</i> on Captan induced oxidative stress invivo. | National |

Several research relevant activities were also conducted by the department

| Sl.No | Activity | Resource person | Date |
|-------|---|--|---------------------------|
| | Talk on Monsoon Diseases: Prevention and Treatment' | Dr. Uma Maheswari Thankachi, Epidemiologist, District Medical Office, Thrissur | 5 th June 2015 |
| | Exhibition on prevention and treatment of Monsoon diseases | | 12/June/2015 |
| | Awareness Classes for school students on the topic Monsoon diseases at Holy Family Higher Secondary School, Chembukkavu and Pamphlet distribution on topic 'Precautions during Monsoon Season' by P G students | | 15/June/2015 |
| | Awareness Classes for school students on the topic | | 18/June/2015 |

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|--|---|---|---------------------------------|
| | Monsoon diseases at Sacred Heart School, Thrissur and Pamphlet distribution on topic 'Precautions during Monsoon Season' by P G students | | |
| | Industrial visit to CMFRI, Cochin | | 30/June/2015 |
| | Invited talk on The talk was on "Basic science to drug discovery: Development of small molecule inhibitor in blood cancer | bDr John Anto Pulicken, Post-Doctoral Associate, Massachusetts Medical School, United States. | 7/September/2015 |
| | Invited talk on "Family Organic Farming | Dr. K.E.Usha, Professor, Central Nursery, Kerala Agricultural University, Vellanikkara | 12-10-2015 |
| | Three day Hands on Training Programme on 'Biocontrol agents and Biofertilizers' at Banana Research Station (BRS), Kannara | | 27-01-2016 to 29-01-2016 |
| | Invited talk on General awareness on women cancer | Dr Chitrathara, MD, M Ch, FAIS; Surgical Oncologist & Urologist, Lakeshore Hospital, Cochin | 1st Feb 2016 |
| | Invited talk on the topic " Uterine and | Dr Neetha George, Gynaecologist, Jubilee Mission Medical College & | 3-Feb-2016 |

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| | ovarian cancer in Women”. | Research Centre, Trichur, | |
| | An exhibition on “Cancer among Women: Prevention & Treatment Strategies” was conducted | | 5-Feb-2016 |
| | Workshop on Bioinformatics | Mr Syam, UC College, Aluva. | 1-March-2016 & 2-March-2016 |



Invited talk on “Basic science to drug discovery: Development of small molecule inhibitor in blood cancer” and “Academic opportunities abroad



Institutional visit to CMFRI, Cochin

Department of Botany

Research oriented talks organized

| Date | Activity/Title and Topic | Resource person | Designation and Address |
|----------|---|------------------------------|--|
| 8-6-15 | Invited lecture-Plant vivilizer-Fish amino | Julie P.Lazar | Asst.Professor &HOD, Dept. Of Economics, St.Mary's College, Thrissur |
| 8-6-15 | Invited lecture-Waste management | Indira Gopinath | Palliative Care member |
| 10-6-15 | Invited lecture-Nutrient deficiency in plants | Sushma P.K. | Professor &Head, Dept. of soil science and agricultural chemistry, College of Horticulture, Vellanikkara, Kerala Agricultural university |
| 14-9-15 | Invited Lecture-Need for the conservation of soil and its measures | Mariamamma K.George | District soil conservation officer, Thrissur |
| 30-11-15 | Invited lecture - Conservation and management of RET plants of southern Western Ghats | P.A. Jose | Scientist, KFRI , Peechi |
| 14-12-15 | One day workshop on systematic Botany | Prof. Jacob Abraham Pulikkal | Assoc. Professor, Dept. Of Botany, st.Thomas college, Thrissur |
| 7-1-15 | One day workshop on Bioinformatics | Shyam Mohan | Asst. Professor, Dept. Of Biochemistry, Union Christian college, Aluva |
| 02-02-16 | “Wetland resources of Kerala with special reference to Mangrooves” | Dr. Vidyasagaran | Dean, Department of Forestry, Vellanikkara |
| 02-02-16 | “Wetlands for our future” | Jain Theratil, | Assistant Professor, Department of Zoology, St. Aloysius College, Eluthuruth |
| 02-02-16 | Fish diversity of future | Swapna Johny | HOD, Assistant Professor, Department of Zoology, Little Flower College, Guruvayoor |

PAPER PRESENTATIONS BY STUDENTS

| Name | Date | Title | Venue | Level | Intercollegiate /State/National /International |
|----------------|------------|-------------------|-----------------|-------|--|
| Whylgreen Jose | 29-10-2015 | PPT presentation- | Carmel College, | I | Intercollegiate |

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|----------------------------------|------------|---|-----------------------|----|-----------------|
| | | Abortion-course on Humanity | Mala | | |
| Athira Krishnan | 29-10-2015 | PPT presentation- Abortion-course on Humanity | Carmel College, Mala | I | Intercollegiate |
| Blessy Santhosh and Amritha M.S. | 2-2-16 | Paper presentation | Carmel college, MAAla | II | Intercollegiate |

Seminar attended by students – Inside campus

| Name | Topic | Venue & Date |
|----------------|---|---|
| Whylgreen Jose | Sr Rani George Endowment lecture on “Women Empowerment” | St. Marys College, Thrissur 24 th -Dec-2015 |

1. Seminar attended by students – Outside campus

| Name | Topic | Venue & Date |
|-----------------|---|---|
| Whylgreen Jose | Sr Rani George Endowment lecture on “Women Empowerment” | St. Marys College, Thrissur 24 th -Dec-2015 |
| Athira Krishnan | International Conference on Biodiversity and Evaluation | Sree Sankara College, kalady 2-12-2015 |
| I M.Sc students | National Semianr on Species the Passion | St. Thomas College, Thrissur 7-10-2015 |

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| II M.Sc students | Seminar on Western Ghats Biogeography-challenges in conservation | Govt. Victoria College, Palakkad 3-4 /Dec/2015 |
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Department of Vocational Studies (B.Voc)

1. List of seminars participated by students

| No: | Name of the student | Seminar/ workshop | Date & Venue | International/National/State /Regional |
|-----|---------------------|---------------------------------|------------------------|--|
| 1 | Nimisha Devassy | Data mining and cloud computing | 8/10/2015 Jubilee hall | National seminar |
| 2 | Aswathy Anandth | | | |
| 3 | Anagha M R | | | |
| 4 | Divya Jose | | | |
| 5 | Sini M M | | | |
| 6 | Aswathy.N.V | | | |

PSYCHOLOGY Department

List of seminars participated by students

| Sl No: | Name of the student | Seminar/workshop (subject oriented) | Date and Venue | International/national/state/regional |
|--------|---------------------|-------------------------------------|--|---------------------------------------|
| 1 | Farshana. P | Cognitive Behaviour Therapy | 16-19/12/2015 Carmel Santi Dham Institute of Counselling Psychology, Thrissur | Regional |
| 2 | Hena Joy | Cognitive Behaviour Therapy | 16-19/12/2015 Carmel Santi Dham Institute of Counselling Psychology, Thrissur | Regional |
| 3 | Jasmin.V | Cognitive Behaviour Therapy | 16-19/12/2015 Carmel Santi Dham Institute of Counselling Psychology, Thrissur | Regional |

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|----|-------------------|-----------------------------|--|----------|
| 4 | Kamila Thasneem.T | Cognitive Behaviour Therapy | 16-19/12/2015 Carmel Santi Dham Institute of Counselling Psychology, Thrissur | Regional |
| 5 | Mazna Majeed | Cognitive Behaviour Therapy | 16-19/12/2015 Carmel Santi Dham Institute of Counselling Psychology, Thrissur | Regional |
| 6 | Rinitha.M.H | Cognitive Behaviour Therapy | 16-19/12/2015 Carmel Santi Dham Institute of Counselling Psychology, Thrissur | Regional |
| 7 | Theresa Ouseph | Cognitive Behaviour Therapy | 16-19/12/2015 Carmel Santi Dham Institute of Counselling Psychology, Thrissur | Regional |
| 8 | Vindhuja.V | Cognitive Behaviour Therapy | 16-19/12/2015 Carmel Santi Dham Institute of Counselling Psychology, Thrissur | Regional |
| 9 | Betty Paul | Cognitive Behaviour Therapy | 16-19/12/2015 Carmel Santi Dham Institute of Counselling Psychology, Thrissur | Regional |
| 10 | Hiba | Cognitive Behaviour Therapy | 16-19/12/2015 Carmel Santi Dham Institute of Counselling Psychology, Thrissur | Regional |
| 11 | Jebin Jacob K | Cognitive Behaviour Therapy | 16-19/12/2015 Carmel Santi Dham Institute of Counselling Psychology, Thrissur | Regional |
| 12 | Litty Anto | Cognitive Behaviour Therapy | 16-19/12/2015 Carmel Santi Dham Institute of Counselling Psychology, Thrissur | Regional |
| 13 | Nidhimol K.J | Cognitive Behaviour Therapy | 16-19/12/2015 Carmel Santi Dham Institute of Counselling Psychology, Thrissur | Regional |

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|----|----------------------|--------------------------------|--|----------|
| 14 | N.R.Dhilsha Rajan | Cognitive Behaviour Therapy | 16-19/12/2015 Carmel Santi Dham Institute of Counselling Psychology, Thrissur | Regional |
|----|----------------------|--------------------------------|--|----------|

Student presentation inside and outside college

| Sl No | Name | Title of the Paper | Event | Date | Venue |
|-------|------------------|--|---|------------|------------------------------------|
| 1 | Jebin Jacob K | Noise Pollution And Psychological Disturbances | Sr. Dr. Rani George Endowment Lecture & Paper Presentation Competition | 11/12/2015 | St. Mary's College, Thrissur |

Research relevant talks and activities

| Sl. No | Name of the Resource Person | Designation | Purpose of Visit | Date of Visit |
|--------|-----------------------------|---|------------------------------|---------------|
| 1 | Mr.Deepak.K.S | Asst.Professor, Department of Community Medicine, Government Medical College, Palakkad | An Orientation on SPSS | 13/06/2016 |



Practical Exposure to Observation Method in Research

As part of the practical exposure to one of the research methods- Observation, The students of second year MSc psychology, visited Sacred Heart convent L.P School, Thrissur, for five consecutive days from 4 to 8 January 2016 .The students spend one hour each day with K.G.Section Children From 2:15pm to 3:15pm. They observed the nervousness behavior of nursery school children.



Journal presentations

| Sl. No | Date | Name of the Student | Class | Topic |
|--------|------------|---------------------|-------------------------------|--|
| 1 | 09/06/2016 | Farshana P | 2 nd PG Psychology | To Analyze The Death Rates Published In Malayala Manorama Newspaper, Within A Period Of Six Months (March 2015- August 2015) |
| 2 | 09/06/2016 | Hena Joy | 2 nd PG Psychology | To Study The Nervousness Pattern Of Nursery School Boys And Girls During Their Play Time Using Systematic Observation |
| 3 | 16/06/2016 | Jasmin V. | 2 nd PG Psychology | To Study whether shyness Affects Social Interaction Among Adolescents Using Interview Method |

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|---|------------|----------------------|-------------------------------|---|
| 4 | 16/06/2016 | Kamila Thasneem T.E. | 2 nd PG Psychology | To Analyze the Content of 'Front Page Articles' Published in Malayala Manorama Newspaper within a Period of Six Months (March 2015- August 2015) |
| 5 | 23/06/2016 | Mazna Majeed | 2 nd PG Psychology | To Analyze the Content of Letters to The Editor Published in Malayala Manorama Newspaper within a Period of Six Months (April 2015- September 2015) |
| 6 | 23/06/2016 | Rinitha M.H. | 2 nd PG Psychology | To Analyze the Content of Advertisements Published in the Front Page of Malayala Manorama Newspaper within a Period of Six Months (March 2015- August 2015) |
| 7 | 30/06/2016 | Theresa V.O. | 2 nd PG Psychology | To Analyze the Content of Magazine 'Vanitha' within a Period of one Year (September 2014 – September 2015) |
| 8 | 30/06/2016 | Vinduja V. | 2 nd PG Psychology | To Analyze the Content of Editorial Column Published in Mathurbhumi Within a Period of Six Months (April 2015- September 2015) |

Department of Commerce

List of seminars participated by students

| Sl No | Dept And Class | Seminar Topic | Date And Venue | International/ National/ State/Regional/intercollegiate | No. of students participated |
|-------|----------------|---|---|---|------------------------------|
| 1. | Commerce | Issues, challenges and strategies in technical education with reference to science and humanities | 4/2/2016, Jyothi Engineering College, Cheruthuruthy | Regional | 19 |
| 2. | Commerce | Dynamics of finance profession in industry | 10/2/2016, Sree Kerala Varma College, Thrissur | Regional | 4 |
| 3. | Commerce | contemporary issues in capital | Sree Narayana College, Nattika | National | 2 |

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|--|--|---------------------------------|-----------------------|--|--|
| | | and Derivatives market in india | /10&11 December, 2015 | | |
|--|--|---------------------------------|-----------------------|--|--|

List of student presentation inside and outside college

| SI No | Name Of Student | Dept And Class | Seminar/Program me Topic | Date And Venue | Title Of The Paper | International/ National/ State/Regional/intercollegiate |
|-------|-------------------|----------------|--|--|---|---|
| 1. | Aghila Santhosh | Com merce | Emerging trends in finance | 6&7/11/2015, MES College, Kodungallur | A study on investors attitude towards LIC | International |
| 2. | Ann Joseph | Com merce | Contemporary issues in capital and derivative markets in India | 10&11/12/2015, S.N.College, Nattika | Current Issues of Stock indices in India | National |
| 3. | Reshmy.N.S | Com merce | Contemporary issues in capital and derivative markets in India | 10&11/12/2015, S.N.College, Nattika | Financial literacy among rural women | National |
| 4. | Lubna Jainney | Com merce | Contemporary issues in capital and derivative markets in India | 10&11/12/2015, S.N.College, Nattika | Impact of social media on banking industry | National |
| 5. | Femy Moni | Com merce | Contemporary issues in capital and derivative markets in India | 10&11/12/2015, S.N.College, Nattika | Impact of social media on banking industry | National |
| 6. | Lakshmi P Pradeep | Com merce | Emerging trends in Finance and Management | 26&27 November ,2015MES Asmabi college | Customer brand awareness with special reference to thrissur | International |
| 7. | Lakshmi P Pradeep | Com merce | Contemporary issues in capital and derivative markets in India | 10&11/12/2015, S.N.College, Nattika | Evolution of life insurance corporation in India | National |

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| | | | | | - An analysis | |
| 8.. | Denna Davis | Com merce | Emerging trends in finance | 6&7/11/2015, MES College, Kodungallur | Evolution of life insurance corporation in India - An analysis | International |
| 9. | Femil Paulson | Com merce | Emerging trends in finance | 6&7/11/2015, MES College, Kodungallur | E-BANKING PROSPECTS AND PROBLEMS | International |
| 10. | Arpana Jose C | Com merce | Emerging trends in finance | 6&7/11/2015, MES College, Kodungallur | E-BANKING PROSPECTS AND PROBLEMS | International |
| 11. | TeenaBabu | Com merce | Emerging trends in finance | 6&7/11/2015, MES College, Kodungallur | Emerging trends in banking. | International |
| 13. | Sumitha.K.S | Com merce | Contemporary issues in capital and derivative markets in India | 10&11/12/2015, S.N.College, Nattika | Financial literacy among rural women | National |
| 14. | Manju Unnikrishnan P | Com merce | Contemporary issues in capital and derivative markets in India | 10&11/12/2015, S.N.College, Nattika | Financial literacy among rural women | National |
| 15 | Sreeragi.M | Com merce | Contemporary issues in capital and derivative markets in India | 10&11/12/2015, S.N.College, Nattika | Initial Public Offering | National |
| 16 | Femy Moni | Com merce | Innovative practices in environmental conservation | 11/12/2015, St.Mary's College, Thrissur | Study on human and environment relationship | Regional |

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|----|-------------------|-----------|--|---|---|----------|
| 17 | Lakshmi P Pradeep | Com merce | Infrastructure and economic development: present scenario, challenges and future options | 15&16,september, 2015, St. Mary's college, Thrissur | Infrastruct ure and economic developm ent | National |
| 18 | Denna Davis | Com merce | Infrastructre and economic development: present scenario, challenges and future options | 15&16,september, 2015, St. Mary's college, Thrissur | Infrastruct ure and economic developm ent | National |
| 19 | Femil paulson | Com merce | Infrastructre and economic development: present scenario, challenges and future options | 15&16,september, 2015, St. Mary's college, Thrissur | Infrastruct ure and economic developm ent | National |