



ST. TERESA'S COLLEGE (AUTONOMOUS) ERNAKULAM

TERESIAN RESEARCH AND CONSULTANCY CELL (TRACC)

REPORT OF ACTIVITIES: 2019-20

Teacher In-charge

Dr. Lizzy Mathew

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Dr. Jaya T. Varkey

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ACTIVITIES

Teresian Research and Consultancy Cell (TRACC) of St. Teresa's College (Autonomous) was formed in 2011 to coordinate and promote research activities of the institution. In its venture to achieve excellence in research, this year TRACC convened a Conference on 13th December 2019 for the Research guides and the faculty members who are pursuing research in various research centers of the Institution. Two faculty members retiring after contributing their meritorious contributions to research and ten research scholars from various disciplines who carried out their research in the Research Centers of this College and awarded Ph.D. from Mahatma Gandhi University during the year 2018-19 were felicitated during the inaugural session of the conference. The details of Conference Programme is as given below.

PROGRAMME SCHEDULE

Session I

9.00 am – 9.30 am: Registration

9.30 am – 10.15 am: Inaugural Session

- Prayer: Smt. Mary Sruthy Melbin, Assistant Professor, Dept. of Commerce
- Welcome Address: Dr. Lizzy Mathew, TRACC Coordinator
- Presidential Address: Dr. (Sr.) Vinitha, Director, St. Teresa's College (Autonomous)
- Presentation of Report: Dr. Leena Leon, Assistant Professor, Dept. of Home Science.
- Inauguration & Inaugural address: Dr. Joseph Koiypally Joseph
- Principal's Address: Dr. Sajimol Augustine M., Principal, St. Teresa's College (Autonomous)
- Honoring the Achievers: Dr. Kala M. S.
- Vote of Thanks: Dr. Latha R. Nair, Associate Professor, Dept of English.

10.15 am: Tea Break

Technical Sessions

Session I: Trans-disciplinary Research – Applicability and Prospects in Higher Research

Session II: Talks by subject experts on "*Improved Methodologies towards Higher Research*" on the respective disciplines. This was followed by presentation of research progress by Research Scholars.

The experts in various disciplines were

1. Dr. Sibi Mathew Physics Sacred Heart College, Thevara
2. Dr. Jyothimol P. English Baselious College, Kottayam
3. Dr. Rajesh M Nair English Sacred Hear College, Thevara
4. Dr. Ashitha Varghese English Bharathidasan University
5. Dr. Sheelamma Jacob Home Science Retd. St. Teresa's College, Ernakulam
6. Dr. L. Jose Botany Research Supervisor, Dept. of Botany, St. Albert's College, Ernakulam.
7. Dr. Martin Patrick Economics Maharaja's College, Ernakulam

Presentation of brief review of work by research scholars.

The conference was held on 13th December 2019 at 9.30 am in the AV Room of the Science Block. TRACC coordinator Dr. Lizzy Mathew welcomed the gathering and Dr. (Sr.) Vinitha, Director, St. Teresa's College (Autonomous) delivered the Presidential Address. The conference was inaugurated by Dr. Joseph Koiyppally Joseph, Associate Professor, Central University, Kasargode, Kerala and the Principal Dr. Sajimol Augustine M., felicitated the gathering.



Welcome Address by Dr. Lizzy Mathew, Associate Professor & Research Guide, Department of Botany (TRACC Coordinator)



Welcoming the Chief Guest - Dr. Joseph Koyipally Joseph



Presidential Address by Dr (Sr.) Vinitha, Director, St. Teresa's College(Autonomous),



Participants of the one day National Conference on Trans-disciplinary Research



Presentation of TRACC Report by Dr. Leena Leon, Assistant Professor Department of Home Science



Dr. Sajimol Augustine delivering Principal's address.



Felicitation of Ph.D. awardees by Dr. Kala M.S., Associate Professor, Department of Physics



Honouring Dr. Pearly Antony of Economics Department for being awarded Ph.D. from Mahatma Gandhi University



Dr. Susan Cherian awarded Ph.D. from Mahatma Gandhi University in Home Science being presented with memento.



Inaugural address by Dr. Joseph Koyipally Joseph, Associate Professor, Central University, Kasargode.



Vote of Thanks by Dr. Latha R. Nair, Associate Professor and Research Guide Department of English

This was followed by a Tea break after which the Lecture series of Inaugural Session continued. The Keynote address was delivered by Dr. Joseph Koyipally Joseph, Associate Professor, Central University, Kasargode on “**Trans-disciplinary Research – Applicability and Prospects in Higher Research.**”

SESSION II

During the Second Session there were talks on “**Improved Methodologies towards Higher Research**” in various disciplines by the experts in respective fields. The talks on different disciplines were conducted at different venues. The presentation of the Research scholars for Botany, Home Science, Physics, Economics and English were conducted in the Botany UG Practical Hall, AV Room of Home Science department, Physics Seminar Hall and PG classes of the Chemistry department respectively in the Science Block departments respectively.

Talk on Research Advances in Botany Venue: UG Practical Hall, Department of Botany

Five Research scholars presented their research progress before the panel consisting of the External, Dr. L. Jose, Dr. Liza Jacob, Research Guide Dr. Sheela D. and Tracc Member Dr. Leena Leon of Home Science department as observer. It was a highly interactive session and several valuable suggestions and innovative ideas were given by the External examiner to the scholars and the faculty members of the department.



Resource Person: Dr. L. Jose, Associate Professor, Department of Botany, St. Albert's College, Ernakulam

Talk on Research Advances in Home Science Venue: AV Room, Department of Home Science

Eighteen Research scholars presented their progress of research before the panel consisting of the External, Dr. Lizmitha Godwin, Department of Home Science Morning Star College Angamaly and Tracc Member Dr. Jaya T. Varkey of Chemistry department as observer. The session was an interactive and useful to the scholars with several significant suggestions that were given by the External examiner to the scholars and the Research Guides of the department.



Resource person: Dr. Sheelamma Jacob, Retd. Professor, Department of Home Science, St. Teresa's College, Ernakulam

Talk on Research Advances in Physics Venue: Seminar Hall - 2 (Physics Department)

Five Research scholars presented their progress of research before the panel consisting of the External, Dr. Sibi Mathew, HOD, Dr. Tessy Joseph, Research Guide and TRACC member, Dr. Kala M.S. and TRACC Member Dr. Jaya T Varkey of Chemistry Department as observer. It was an interactive session and critical comments and suggestions were given by the External examiner to the scholars and the Research Guides.



Resource Person: Dr.Sibi Mathew, Associate Professor and Research Guide, Department of Physics, Sacred Heart College, Thevara

Talk on Research Advances in English Venue: Room No. 1 (Chemistry Department)

Five Research scholars presented their progress of research in the first venue for English before the panel consisting of the External, Dr. Rajesh S. Nair, Dr. Latha R. Nair Associate Professor in English who chaired the session and TRACC member Dr. Priya K Nair of Botany department as observer. It was an interactive session and critical comments and significant suggestions were given by the External examiner to all the research scholars.

Talk on Research Advances in English Venue: Room No. 2 (Chemistry Department)

Six Research scholars presented their progress of research in the second venue for English before the panel consisting of the External, Dr. Jyothimol P., and TRACC member Dr. Pressy P Prakasia of Botany Department as observer. It was an interactive session and significant suggestions were given by the External examiner to all the research scholars regarding the compilation of thesis.



Resource Person: Dr. Rajesh S. Nair, Associate Professor and Research Guide, Department of English, TM Jacob Memorial Govt. College, Kuthatukulam

Talk on Research Advances in English Venue: Room No. 3 (Chemistry Department)

Six Research scholars presented their progress of research in the second venue for English before the panel consisting of the External, Dr. Ashitha Varghese., and TRACC member Ms. Ottina Treasa Mendez of Commerce Department as observer. It was an interactive session and significant suggestions were given by the External examiner to all the research scholars regarding the compilation of thesis.

Talk on Research Advances in Economics Venue: PG class Room, Department of Botany

Seven Research Scholars presented their progress of research before the panel consisting of the External, Dr. Martin Patrick, HOD, Dr. Nirmala Padmanabhan and Dr. N. Dhanya of Home

Science Department as observer. It was an interactive session and critical comments and suggestions were given by the External examiner to the scholars.



Resource Person: Dr. Martin Patrick, Former Head and Research Guide, Department of Economics, Maharaja's College, Ernakulam

The conference provided the faculty members of the institution an opportunity to facilitate discussions so as to disseminate research findings and to keep abreast of the newer developments, theories and techniques in the field of research. The ten Ph.D. awardees from Mahatma Gandhi University were felicitated during the programme. Altogether 69 faculty members and research scholars from various disciplines participated in the conference that enabled intellectual interactions between researchers and experts that could promote interdisciplinary research for the benefit of the society at large.