

ANNUAL REPORT

**TERESIAN RESEARCH AND
COUNSULTANCY CELL**

TRAAC

2024-25

DUTY LIST- 2024-25

TERESIAN RESEARCH & CONSULTANCY CELL (TRACC)	
TRACC COORDINATORS	Dr. Ushamani M Dr. Priya K. Nair Dr. Vinitha Paulose
COURSEWORK DIVISION	Dr. Dhanya N. Dr. Leela P.U.
RESEARCH ETHICS	Dr. Shilpa Jose Dr. Arya P.Mohan
MARG	Dr. Tania Mary Vivera Dr. Mariyam Thomas
PATENTS TRADEMARKS AND COPYRIGHTS	Dr. Jisha John Dr. Frincy Francis Dr. Tintu Jose Manicketh
INDUSTRIAL LINKAGE AND CONSULTANCY	Dr. Saritha Chandran A Dr. Jency Treasa Dr. Sunitha T.R. Dr. Shanty A A Ms. Abhina B.
RESEARCH PUBLICATIONS AND PROJECTS	Dr. Elizabeth Kuruvila Dr. Mariyam Thomas Dr. Nisha T.P. Dr. Frincy Francis Dr. Shaharban U. Dr. Mary Liya C.A.
ACCOUNTS, WEBSITE UPDATE AND DOCUMENTATION	Dr. Priya Parvathy Ms. Raji S.Pillai

St. Teresa's College (Autonomous) has seven research centres recognised by the Mahatma Gandhi University. The Departments of Botany, Chemistry, Economics, English, Home Science, Physics and Sociology are research centres and there are 42 approved research guides. The college hosts a total of 130 research scholars, including 59 part-time scholars.

COURSE WORK REPORT

In the current academic year, 16 new scholars enrolled in the Ph.D. programme. The coursework for these scholars was conducted from 15th January 2024 to 15th July 2024. As part of the coursework, six training programmes were organized to enrich the research aptitude of the scholars.

As part of the PhD Course Work for the 2023–2024 batch at St. Teresa's College, Ernakulam, a series of academic enrichment sessions and workshops were organized to equip research scholars with the knowledge, tools, and ethical awareness essential for conducting high-quality research. These sessions covered a wide range of topics including publication practices, research ethics, plagiarism detection, AI tools for research, and opportunities for scholarly exchange.

RESEARCH GUIDES- DETAILS

Sl. No	Name of Guide	Date of Registration of guideship	Total No of Guides	No of guides from the Dept	No. of Retired Guides	No. of Guides from other colleges	Area of Research
BOTANY			4	0	3	1	
1	Dr. Lizzy Mathew	5.1.2009					Plant taxonomy, phytochemistry
2	Dr. Elsam Joseph	26.02.2014					Biochemistry
3	Dr. Romily Margaret Mendez	02.09.2017					Microbiology
4	Dr. Krishnaraj M.V	10.02.2021					Plant systematics
HOME SCIENCE			11	6	3	2	
1	Dr. Betty Rani Isaac	28.04.2017					Food and Nutrition
2	Dr. Anu Joseph	16.02.2018					Food and Nutrition

3	Dr. Shilpa Jose	04.05.2017					Food and Nutrition
4	Dr. Dhanya N	17.06.2017					Child Development
5	Dr. Nisha Vikraman	22.06.2018					Extension Education
6	Dr. Leena Leon	19.08.2013					Family Resource Management
7	Dr. Rashmi H. Poojara	08.11.2023					Food and Nutrition
8	Dr. K.S Kumari	1998					Food and Nutrition
9	Dr. Anooja Thomas	02.05.2006					Food and Nutrition
10	Dr. Kavitha M.S	26.08.2010					Food and Nutrition
11	Dr. Thara Sebastian	30.08.2017					Child Development

	SOCIOLOGY		5	3	0	2	
1	Dr. Leela P.U	23.05.2019					Sociology of religion, Kerala society and Sociology of Indigenous knowledge system
2	Dr. Reeja P.S	29.11.2021					Suicidology and gender studies
3	Dr. Sajitha J. Kurup	23.05.2019					Gender studies and social psychology
4	Dr. Suresh Babu	18.09.2020					Sociology of health
5	Dr. Lebia gladis NP	09.01.2023					Geriatric sociology, sociology of ageing
	PHYSICS		3	2	1	0	
1	Dr. Kala M.S	23.10.2008					Nanomaterials
2	Dr. Santhi A	25.11.2016					Non linear optics and nanophotonics
3	Dr. Mariyam Thomas	12.12.2024					Materials science
	CHEMISTRY		5	4	1	0	
1	Dr. Ushamani M.	04.12.2015					Nanomaterials, Polymers for optical recording
2	Dr. Jaya T. Varkey	15.10.2014					Organic polymer chemistry
3	Dr. Saritha Chandran A.	12.01.2021					Polymer science, nanotechnology
4	Dr. Elizabeth Kuruvila	27.07.2021					Organic chemistry, bioorganic and biophysical chemistry
5.	Dr.Shanty A.A.	28.05.2025					Inorganic chemistry, bio organic, Analytical chemistry, sensor development
	ENGLISH		9	5	3	1	
1	Dr. Jeena Ann Joseph	04.11.2022					Post modern studies, Postcolonial studies, Narratology

2	Dr. Tania Mary Vivera	04.11.2022					Cognitive linguistics, multimodal narraties, digital literature, gender studies
3	Dr. Preethi Sreenivasan	09.01.2023					Life writing, multimodal narratives, gender studies, Gandhian literature, cinema
4	Dr. R Anitha	18.09.2020					Modern poetry, film studies, Indian aesthetics
5	Dr. Priya K. Nair	15.10.2014					Culture studies, gender studies
6	Dr. Jisha John	11.02.2024					Global studies, post colonial literature, gender
7	Dr. Tessy Anthony	20.06.2013					Post colonial studies, American literature, cultural studies, gender studies, popular culture
8	Dr. Celine E	21.05.2007					Culture studies
9	Dr. Latha R. Nair	21.05.2007					Gender studies, ELT, Literary theory
	ECONOMICS		5	3	1	1	
1	Dr. Anupa Jacob	17.01.2023					Export competetiveness, labour market
2	Dr. Nirmala Padmanabhan	19.08.2013					IT sector
3	Dr. Thushara George	07.02.2019					Financial market
4	Dr. swathy Varma PR	17.01.2023					Insurance
5	Dr. Renu Susan Samuel	06.06.2023					Banking
	TOTAL		42	23	12	7	

No	<u>DETAILS OF RESEARCH SCHOLARS</u>								
	Department	Botany	Chemistry	Sociology	Economics	English	Physics	Home Science	Total
1	Total number of PhD scholars	14	6	16	12	37	6	39(6 Discontd)	130
2	Number of part time scholars	6	5	5	7	19	1	16	59
3	Number of full time scholars	8	1	11	5	18	5	17	65
	Category of research scholars								
4	General	9	3	9	5	24	4	25	79
5	SC	0	0	2	0	3	2	0	7
6	ST	0	0	1	0	0	0	0	1
7	OBC	5	3	4	5	10	0	6	33
8	OEC	0	0	0	0	0	0	2	2
	Fellowships:								
9	JRF	1	1	4	0	6	0	4	16
10	SRF	2	0	2	0	0	2	0	6
	Other fellowship :								
11	University fellowship	4	0	2	2	5	0	3	16
12	Aspire	1	0	0	0	0	0	0	1

Report on The Session on Publication as part of PhD Course Work 2024

Title of the programme: Session on Publication

Date: 19/4/2024

Venue : Online Google meet

Resource Person: Mr. V Sriram

Participants: 17

Activity Description : On April 19th, 2024, an online session on writing and publishing research articles was organized by Dr. Dhanya N, Associate Professor in the Department of Home Science, St. Teresa's College. The session aimed to enlighten Research Scholars about various aspects of research publication. It was facilitated by Mr. V Sriram, a seasoned professional in library and information science.

Session Overview: The session commenced at 9:00 am with an introduction by Dr. Dhanya N, highlighting the significance of research publications in academia and society. Mr. V Sriram then took the floor as the resource person for the day, guiding participants through a series of discussions on pertinent topics related to research publications.

Key Topics Covered:

1. **Open Access Publications:** Mr. Sriram elucidated the concept of open access publications, emphasizing their role in democratizing access to knowledge and fostering global collaboration in research.
2. **Self-Archiving:** Participants gained insights into the importance of self-archiving as a means to increase the visibility and impact of their research outputs, while adhering to copyright and licensing requirements.
3. **Predatory Publications:** Mr. Sriram shed light on the prevalence of predatory publications and provided strategies to identify and avoid them, safeguarding the integrity of scholarly communication.
4. **Finding the Right Journal:** Practical tips were shared on how researchers can navigate the vast landscape of academic journals to identify suitable outlets for their research, considering factors such as scope, impact, and reputation.
5. **Obligations of Researchers:** The session underscored the ethical responsibility of researchers to contribute meaningfully to society by making their knowledge accessible through writing for the wider audience, fostering knowledge dissemination and societal progress.

Outcome of the activity : The session concluded at 12:45 pm with a recap of key takeaways and expressions of gratitude to Mr. V Sriram for his insightful contributions. Participants left with a deeper understanding of research publication practices and a renewed commitment to upholding scholarly integrity in their academic endeavors.

Overall, the research publications session proved to be a valuable platform for knowledge dissemination and capacity building, aligning with the overarching goals of promoting excellence in research and advancing scholarly communication.

Photos :

 **ST TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM** 
Re-Accredited by NAAC with A++ Grade in the fourth cycle
College with Potential for Excellence-UGC
(Affiliated to Mahatma Gandhi University)

TERESIAN RESEARCH AND CONSULTANCY CELL (TRACC)

ORGANISES

SESSION ON RESEARCH PUBLICATIONS

RESOURCE PERSON

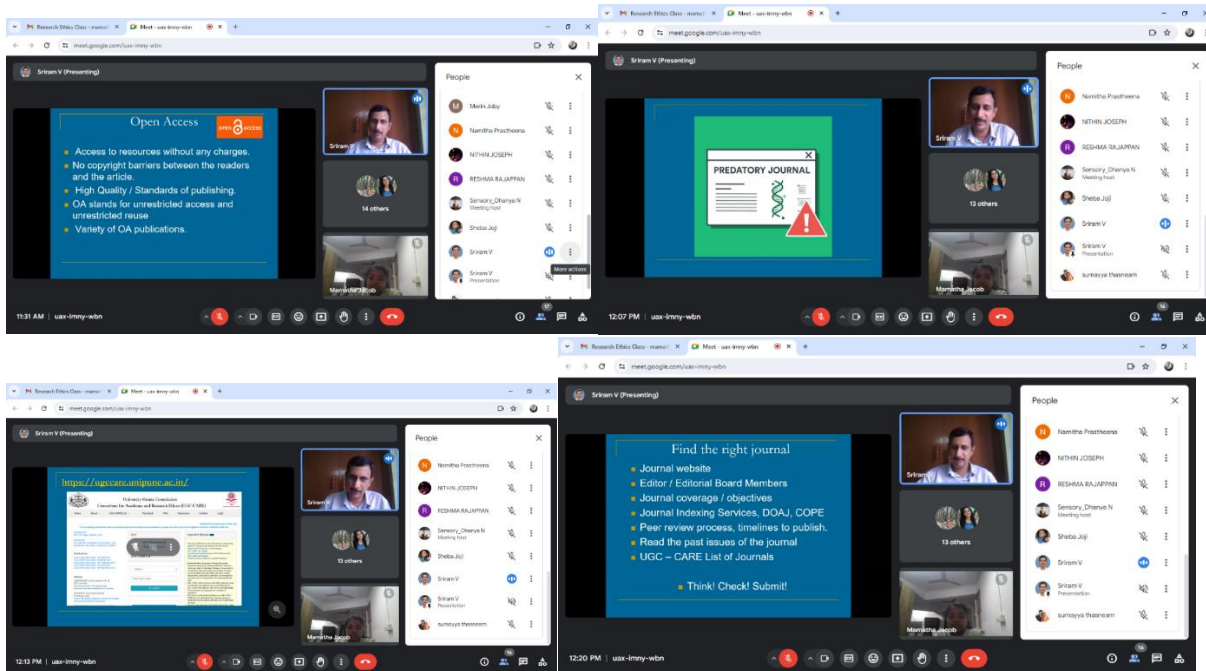


MR. V SRIRAM
CHIEF LIBRARIAN
K. N. RAJ LIBRARY,
CENTRE FOR DEVELOPMENT STUDIES,
THIRUVANANTHAPURAM

DATE - APRIL 19, 2024
TIME - 9 AM

PLATFORM - GOOGLE MEET

Faculty Coordinator
Dr. Dhanya. N
Associate Professor
Department of Home Science and Centre for Research



Report on Research and Publication Ethics Session

Title of the programme: Research and Publication Ethics Session

Date: 30/4/2024

Venue: Science Block, AV Room

Resource Person: Ms. Savithri T K

Participants: 14

Activity Description: The session commenced with an introduction to the importance of research ethics and the significance of adhering to publication standards. Ms. Savithri T K elaborated on the ethical considerations involved in conducting research and emphasized the responsibility of researchers to maintain integrity and credibility throughout the research process.

Key Areas Discussed:

1. **Sources for Credible Literature Review:** Participants were guided on identifying reliable sources for literature review, emphasizing the importance of peer-reviewed journals, academic databases, and reputable online repositories. Strategies for effective literature search and critical evaluation of sources were also discussed.
2. **Open Access:** The concept of open access publishing was elucidated, highlighting its role in promoting the dissemination of research findings and enhancing accessibility to scholarly content. The advantages and challenges associated with open access journals were deliberated upon.
3. **Publication Cycle and Process:** An overview of the publication cycle, including manuscript submission, peer review, revision, and publication, was provided. Participants gained insights into the various stages involved in getting their research published and the importance of understanding journal guidelines and formatting requirements.
4. **Identifying Quality Publications:** Strategies for discerning quality publications from predatory journals were explored. Participants learned to evaluate factors such as journal impact factor, peer review process, editorial board reputation, and indexing status to gauge the credibility of publications.
5. **Citation Databases:** The significance of citation databases in tracking scholarly impact and citation analysis was emphasized. Participants were introduced to popular citation databases like Scopus, Web of Science, and Google Scholar, along with tips for effective usage.
6. **Research Matrices:** The major research matrices employed in publishing and ensuring quality control were introduced and explained to the scholars. The UGC Care List, Impact Factor, h-Index, Cite Score, SNIP, Scimago Rank Indicator etc. were highlighted.

Outcome of the Activity : The Research and Publication Ethics session proved to be informative and insightful, equipping participants with essential knowledge and skills to conduct ethical research and navigate the publication process effectively. The guidance provided by Ms. Savithri enabled a deeper understanding of research ethics and publication standards, empowering participants to uphold integrity and excellence in their scholarly pursuits.

Photos :

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TERESIAN RESEARCH AND CONSULTANCY CELL (TRACC)

ORGANISES A SESSION ON

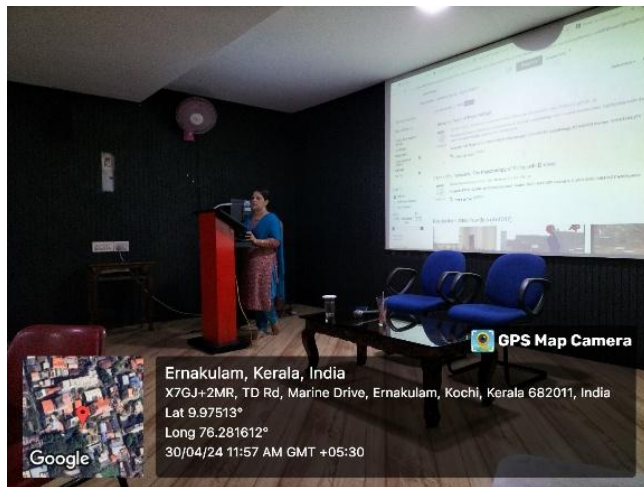
RESEARCH AND PUBLICATION ETHICS

APRIL 30, 2024
9.20 AM
AV ROOM, SCIENCE BLOCK

RESOURCE PERSON

MS. SAVITHRI T K
LIBRARIAN
MGU SCHOOL OF BEHAVIORAL SCIENCE

Faculty Coordinator
Dr. Dhanya N
Associate Professor
Department of Home Science and
Centre for Research



REPORT on an Online Session on Software tools for checking Plagiarism

Title of the programme: Online Session on Software tools for checking Plagiarism

Date: 4/5/2024

Venue: Online Google meet

Resource Person: Mr. V Sriram

Participants: 13

Activity Description: The session began at 11:00 am.

Mr. Sriram familiarised the audience with some 1 software's for checking plagiarism – Eg: Turnitin, Urkund/ Ouriginal, Drill Bit. Each tool was evaluated based on its features, usability, and effectiveness in detecting plagiarism. The speaker elaborated on the key features such as text comparison, citation analysis, and percentage matching capabilities offered by these tools. The limitations of free plagiarism detection tools, and their inability to detect certain types of plagiarism, were also mentioned. A discussion on methods to avoid plagiarism followed by introduction to different reference management software's was also there. Participants actively engaged in discussions throughout the session. Personally, the expert talk provided valuable insights into the evolving landscape of plagiarism detection tools. Understanding the functionalities and limitations of these tools is crucial for maintaining academic integrity and producing original content in today's digital age. In conclusion, the online session on software tools for checking plagiarism was informative and insightful, offering participants a comprehensive overview of available tools and their practical applications. The talk underscored the importance of using these tools responsibly to uphold academic standards and promote originality in scholarly work.

Photos :

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TERESIAN RESEARCH AND CONSULTANCY CELL (TRACC)

ORGANISES A SESSION ON

SOFTWARE TOOLS FOR CHECKING PLAGIARISM

RESOURCE PERSON
MR. V SRIRAM
CHIEF LIBRARIAN,
K. N. RAJ LIBRARY,
CENTRE FOR DEVELOPMENT STUDIES,
THIRUVANANTHAPURAM

DATE- MAY 4TH , 2024
TIME- 11 AM

PLATFORM- GOOGLE MEET

Faculty Coordinator
Dr.Dhanya.N
Associate Professor
Department of Home Science and Centre for Research

Plagiarism issues

- Taking other peoples words and pass off as one's own
- Plagiarism instances
 - Copying a large portion
 - Failing to put quotation marks / indentation
 - Missing out citations / references
 - Copying and changing words here and there
 - Self plagiarism / text recycling

Sriram is presenting

NITHIN
Sriram
Mamatha
You
Sensory_D...
arc 8 others

Report On One Day Workshop on AI Tools for Research

Title of the programme : One Day Workshop on AI Tools for Research

Date: 8/6/2024

Venue: Science Block , AV Room

Resource Person: Ms. Sangeetha

Participants: 14

Activity Description: The primary objectives of the workshop were:

- To provide a comprehensive overview of AI and its significance in modern research.
- To introduce participants to various AI tools and techniques.
- To demonstrate real-world applications of AI in different research domains.
- To encourage interdisciplinary collaboration by integrating AI into diverse research projects.

Key Ideas discussed

- **Importance of AI Tools in Research:** An overview of the importance of AI in Research including automation, speed, scalability, simulation, modelling, interdisciplinary approaches, and automated reporting were provided. Participants gained insights on AI's relevance and benefits in Research.
- **AI Applications in Research:** An introduction to Applications in Research was provided where participants gained knowledge about various applications and tools of AI that would aid them in the Research process.
- **Hands-on discussion on AI Tools:** This tremendously aided the participants in how to use the AI Tools relevant to each discipline. The discussed search engines and databases include Google Scholar, SciHub, Research Rabbit, Litmaps, Scopus, Web of Science, PubMed, IEE xplore, JSTOR, and Arxiv. Other discussed AI Tools include Kaggle, Web Scraping Tools, Github, Draw.io. Reference Management Software was also on board in the session where hands-on training was given on using Mendley and Zotero. Writing Tools like Grammarly, Overleaf, Quillbot, Word Tune, and PDF Drive were also discussed and practically used.
- **Literature Review:** A discussion on the literature review comprehended the participants and made them aware of the PRISMA Model, the most accepted way of writing a literature review. The display of various PRISMA Model writings aided the participants in clearly understanding it.
- **PATENTS:** A very informative session on the introduction to Patent and how to achieve a Patent were discussed very comprehensively by Ms.Sangeetha. It thrilled the participants to gain more information on it. She introduced 'inPASS' and its official sites and

how to check the integrity of one's works through searching on this site.

Outcome of the Activity The event fostered an environment of learning and collaboration, paving the way for future advancements in AI-driven research

Brochure/Photos:

ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
College with Potential for Excellence-UGC
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Teresian Research and Consultancy Cell (TRACC)
conducts
One day workshop on AI TOOLS FOR RESEARCH

08/07/2024
9.00am - 4.00pm
AV Room, Science Block, St. Teresa's College, Ernakulam

Resource Person

SANGEETHA CHANDRAN
Research Scholar
Department of Computer Applications
CUSAT

Coordinator
Dr. Dhanya N
Associate Professor
Department of Home Science and Centre for Research
Ph: 9446655577



Report on Biannual Research Meet

Title of the programme: Biannual Research Meet

Date: 06-08-2024

Venue: St.Teresa's College (Autonomous) Ernakulam

No. of Beneficiaries: 147

Activity Description:

The biannual research meet of the college organized by the Teresian Research and Consultancy Cell was held on August 6th 2024. Dr. Vani Kesari, Director of Prof. N. R. Madhava Menon Interdisciplinary Centre for Research Ethics and Protocols, CUSAT was the key note speaker. Speaking to the research scholars and PG students, Dr. Vani Kesari emphasized that research ethics in writing and publishing is essential to maintaining the integrity and credibility of scholarly work.

Recent Ph.D awardees, Dr. Minu Pius from the department of physics and Dr. Elizabeth Joseph from the department of home science were honoured in the programme.

After the morning session, half yearly research presentations by research scholars were conducted in the respective departments in the presence of external subject experts.

Brochure:

ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
College with Potential for Excellence
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Ranked 41st in NIRF 2023

100
PROGRESS
4 QUALITY EDUCATION

PROGRAMME SCHEDULE

Prayer
Welcome Address : Dr. Priya K. Nair
Assistant Professor, Department of English
Presidential Address : Rev. Sr. Dr. Vinitha CSST
Provincial Superior & Manager
Principal's Address : Prof. Alphonsa Vijaya Joseph
Keynote Address : Dr. Vani Kesari A
Director, Prof.N.R.Madhava Menon Interdisciplinary Centre
for Research Ethics and Protocols
Cochin University of Science and Technology
Honouring Ph.D Awardees
Vote of thanks : Dr. Vinitha Paulose
Assistant Professor, Department of Fashion Designing
Presentation by Research Scholars

TERESIAN RESEARCH AND CONSULTANCY CELL (TRACC) BIENNIAL RESEARCH MEET 2024-25

6th August 2024 Arts Block Auditorium 9.00 a.m

Keynote Speaker

Dr. Vani Kesari A
Director, Prof.N.R.Madhava Menon Interdisciplinary Centre
for Research Ethics and Protocols
Cochin University of Science and Technology

Registration @ 8.30 am

Patrons
Rev. Sr. Dr. Vinitha CSST
Provincial Superior & Manager
Rev. Sr. Emeline CSST
Director
Prof. Alphonsa Vijaya Joseph
Principal

Programme Convenors:
Dr. Ushamani M.
Dr. Priya K. Nair
Dr. Vinitha Paulose

Programme Coordinators:
Dr. Dhanya N.
Dr. Leela P. U.


Organising Committee:
Dr. Shilpa Jose
Dr. Priya Parvathy Ameena Jose
Dr. Mary Liya C.A.
Dr. Jisha John
Dr. Saritha Chandran A.
Dr. Tania Mary Vivera
Dr. Jency Treesa
Dr. Mariyam Thomas
Dr. Elizabeth Kuruvi

Ms. Raji S Pillai
Dr. Nisha T.P.
Dr. Frincy Francis
Dr. Arya P Mohan
Dr. Shanty A.A.
Dr. Shaharban U.H.
Dr. Tintu Jose Manicketh
Dr. Sunitha T.R.
Ms. Abina B.


Ernakulam- 682011, Kerala, India. Ph : 0484 2351670, 2381312
Fax : 0484 2352525 Email : tracc@teresas.ac.in www.teresas.ac.in



Another Biannual Research Meet was held on February 17th, 2025, providing scholars with an opportunity to present ongoing research and exchange interdisciplinary ideas with peers and faculty.



ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
Affiliated to Mahatma Gandhi University, Kottayam
 Re-Accredited by NAAC with A++ Grade in Fourth Cycle
 NIRF Ranking 46 (2024) | KRF Ranking 3 (2024)



TERESIAN RESEARCH AND CONSULTANCY CELL (TRACC)

Half Yearly Progress Report Presentation

Of Ph. D Scholars


TIME
9:30 am onwards

DATE
17th & 18th February 2025

Coordinators

Dr. Dhanya N
 Dr. Leela PU
 Dr. Priya Parvathy

tracc@teresias.ac.in www.teresias.ac.in



INSTITUTIONAL ETHICS COMMITTEE REPORT

I. ANNUAL MEETING OF INSTITUTIONAL RESEARCH ETHICS COMMITTEE (IREC)

Institutional Research Ethics Committee at St.Teresa's College (Autonomous), Ernakulam is an independent review board or committee comprising of medical / scientific and non-medical / non-scientific members whose responsibility is to ensure that the researchers adhere to ethical standards and guidelines. The basic responsibility of Institutional Research Ethics Committee (IREC) is to ensure a competent review of all ethical aspects of the project proposals received by it in an objective manner. IREC will provide advice to the researchers on all aspects of the welfare and safety of the research participants after ensuring the scientific soundness of the proposed research .

The annual meeting of Institutional Research Ethics Committee (IREC) of 2024-25 was conducted on 30th Jan 2025 in Council room of St.Teresa's College. The following members were present for the Institutional Research Ethics Committee (IREC) meeting :

- 1.Dr. Prathapan Nair P. – Chairman (Emeritus Professor and Senior Medical Administrator, Amrita Institute of Medical Sciences, Kochi)
- 2.Edward Edezhath –Member (Syndicate Member,Sree Sankaracharya University, Kalady)
- 3.Prof. A. A Mohamed Hatha – Member (Cochin University of Science and Technology, Department of Marine Biology, Microbiology, and Biochemistry)
- 4.Mr. Gopinath M.P. –Member (Dean, Mathrubhumi Media School, Kochi)
- 5.Prof. Alphonsa Vijaya Joseph- Principal
- 6.Prof. Ushamani M - TRACC Co ordinator
- 7.Dr. Susan Mathew Panackal - IQAC member
- 8.Dr. Shilpa Jose - Member Secretary
- 9.Dr. Arya P Mohan - Alternate member secretary

Agenda of meeting was as follows-

- 1.Evaluate procedures and study details by Institutional Research Ethics Committee
- 2.Discussion of ethical considerations related to the proposed study
- 3.Recommendations for approval or further revisions

The meeting commenced with a formal introduction and welcome by Dr. Shilpa Jose, Member Secretary of the Institutional Research Ethics Committee (IREC), followed by a presentation by researchers. There were 20 research presentations of which 15 were by Ph. D scholars, 3 PG students and 2 presentations based on funded projects. Scholars submitted Synopsis of their research work and informed consent forms and made a presentation of their proposed research work.

The panel members discussed the methodology in detail and gave suggestions to scholars. The committee reviewed proposals to ensure they followed ethical guidelines, focusing on participant safety and data integrity. Members stressed the importance of informed consent, transparency, and following regulations. Experts gave suggestions to avoid ethical oversight and promote responsible research.

It was decided to give ethical consent for 18 studies. Revisions were proposed for two studies before ethical clearance could be provided. For a study by Shakeela K, Ph. D scholar, Dept. of Home Science on Auto immune disorders, the committee proposed getting ethical committee clearance from the hospital concerned before the committee clearance could be provided. For a study by Dinu K, Ph. D scholar, Dept. of Sociology on religious matters the candidate was asked to present the court order regarding the new religious movement the study was referring to, before clearance could be provided.. The IREC meeting concluded by 3 pm. Vote of thanks was proposed by Dr. Ushamani M., TRACC Coordinator.

The list of applicants who applied and presented to the Ethics Committee for 2024-2025 is given in the table below. A total of 20 participants presented their work to the committee, including 2 projects, 15 PhD candidates, and 3 postgraduate students. The IREC's decision includes 18 approvals and 2 projects pending revision.

Sl. No.	Name/Major Project	Title	Department	Degree	Principal Investigator/ Supervisor/ Guide	Decision of the IREC
1.	ICSSR Project	Impact Assessment of Multiple Food Security Interventions to Mitigate Micronutrient Malnutrition among Women and Children in Coastal areas of Central Kerala	Home Science	Project	Dr. Shilpa Jose	Approved

2	Elizabeth Varghese Anthikkat	Dietary Diversity Indicators and Nutritional Status of 3-5 year old Children and Design of Nutrition Education Strategies	Home Science	Ph.D	Dr. Shilpa Jose	Approved
3.	Abirami A K	Food Environment and their Influence on Nutritional Status of Early Adolescent in Kochi ,Kerala	Home Science	Ph.D	Dr. Reshmi H Poojara	Approved
4.	Kavitha Vijayan	Development of Edible Value Added Coconut Products and its Popularisation	Home Science	Ph.D	Dr. Anu Joseph	Approved
5.	Sreelekshmi A. R.	Theatre as Therapy : The Impact of Applied Theatre Process on Students from Shelter Homes	English	Ph.D	Dr. Latha Nair R.	Approved
6.	Shakeela K	Study on the Spectrum of Autoimmune Diseases and their Relation to Nutrition in Calicut and Malapuram District	Home Science	Ph.D	Dr. Reshmi H Poojara	Pending revision
7.	Anand K.	Learner Autonomy and LMS : An Experiential Study on Multimedia/Mobile Assisted Teaching-Learning Pedagogy & Collaborative Learning in Kerala	English	Ph.D	Dr. Latha Nair R.	Approved
8	Dinu K	Religious conversion & Identity: Understanding the Determinants & Impact of Dalit & Non Dalit conversion to PRDS	Sociology	Ph.D	Dr. Leela P.U	Pending revision
9.	Sumayyam M Thasneam	Digital Marketing and Women Micro Entrepreneurs: A Comparative Analysis of Users and Non Users	Economics	Ph.D	Dr. Renu Susan Samuel	Approved

10	Elizabeth Joseph	Effectiveness of Indigenous Iron Supplements and Nutrition Education Among Anemic College Girls 18-23 Years in Kottayan District	Home Science	Ph.D	Dr. Betty Rani Issac	Approved
11	Lara R.N	Exploring Professional Dignity and Job Satisfaction of Millennial Nurses in Clinical Work Places	Sociology	Ph.D	Dr. Suresh Babu P.	Approved
12.	Sheba Sukumaran	Evolving Strategies for Lifestyle Enhancement and Academic Enrichment of Adolescents with Learning Disabilities	Home Science	Ph.D	Dr. Dhanya N	Approved
13.	Athira Sugathan	Marumakkathayam to Makkathayam in Malabar Region: A structural Analysis	Sociology	Ph.D	Dr. Leela P.U	Approved
14.	Lenus Deepa Francis	Development and Implementation of Age Appropriate Activities for Fundamental stage of Education in Accordance with NEP 2020	Home Science	Ph.D	Dr. Betty Rani Issac	Approved
15.	Alphonsa Kurian	Women Empowerment In Latin Fishing Community: A study on the role of Caste, Geography and Social work	Sociology	Ph.D	Dr. Leela P.U	Approved
16.	DST Seed Project	Menarche to Menopause: Health, Nutrition and Metabolic Profile	Home Science	Project	Dr. Reshmi H Poojara	Approved
17.	Mohan Mathew	The changing Agrarian Social Structure and Social Relations in Kuttanadu	Sociology	Ph.D	Dr. Leela P.U	Approved

18	Alka Manoj.	Impact of Premenstrual Syndrome (PMS) on the Nutritional Status of College Students	Clinical Nutrition and Dietetics	PG	Namitha Prastheena Joseph	Approved
19	Shoyal P.S	Food Habits and Economic Burden of Non-Communicable Diseases	Clinical Nutrition and Dietetics	PG	Dr.Samja Sabu	Approved
20	Sneha Maria Elizabeth	Inter relationship between Gut Health and NCD's	Clinical Nutrition	PG	Surya M. Kottaram	Approved

Brochure/Photos:

ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
 Affiliated to Mahatma Gandhi University, Kottayam
 Re-Accredited by NAAC with A++ Grade in Fourth Cycle
 NIRF Ranking 46 (2024) | KIRF Ranking 3 (2024)

100
 1924-2024
 The Spirit of the Future

TERESIAN RESEARCH AND CONSULTANCY CELL (TRACC)

Ethics Committee Meet 24-25

TIME
 10: 00 am

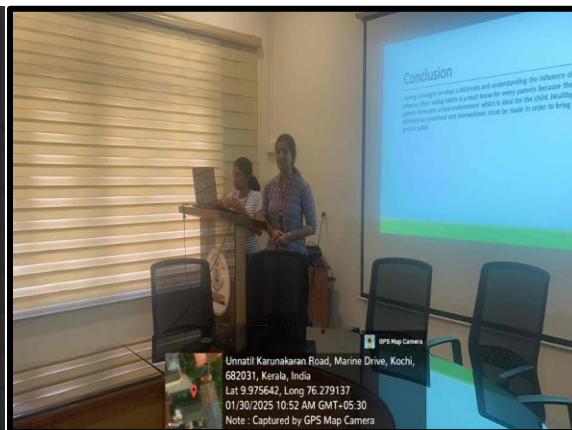
DATE
 30th January 2025

VENUE
 Council Room, Arts Block

Registration at 9:30 am

Coordinators
 Dr. Shilpa Jose
 Dr. Arya P. Mohan

tracc@teresas.ac.in | www.teresas.ac.in



II. FORMULATION OF INSTITUTIONAL RESEARCH ETHICS POLICY (IREP)

An **Ethics Policy** entitled **INSTITUTIONAL RESEARCH ETHICS POLICY (IREP)** has been **formulated** for St. Teresa's College, Ernakulam. The policy was vetted by Prof. N. R. Madhava Menon Interdisciplinary Centre for Research Ethics & Protocols (ICREP) and officially approved and has been uploaded to the college website, effect from the academic year **2024–2025**.

MANAGEMENT AIDED RESEARCH GRANT (MARG) REPORT

The Management Aided Research Grant (MARG), an initiative of CSST Management, provides financial support in the form of Seed Money to foster a culture of research among faculty members. The scheme, initiated in 2018, signifies the institution's commitment to promoting academic research. All regular and guest faculty members, either individually or through interdepartmental collaborations, are eligible to apply for funding under the MARG scheme and projects supported under the MARG scheme will have a duration of a minimum of one year and a maximum of two years.

MARG 2021-22

No.	Name	Department	Project Title	Period (Years)	Sanctioned amount in Rs.	Status
1.	Nair Supriya Damodaran	Fashion Design-SF	Development Of Clothing For Differently Abled Children Using Natural Dyed Cotton Fabrics	2	100,000/-	Completed
2.	Megha Mary Michael	Management Studies-SF	Individual differences in Hedonic – Utilitarian consumption	2	45,000/-	Discontinued
3.	Jini Justin D'costa & Ottina Treasa Mendez	Commerce SF	A Study On The Role Of Entrepreneurial Education And Incubation In Promoting Student Entrepreneurship	2	40,000/-	Completed
4.	Donna Pinheiro & Dr. Susan Mathew Panakkal	Mathematics - Aided	Geometric Algebraic Methods in Fluid Dynamics	2	50,000/-	Completed
5.	Dr. Saumya Baby	Malayalam-Aided	കേരളത്തിലെ ആദിവാസികൾ: സംസ്കാര പഠനം, ഗവേഷണ മ്യൂസിയം തയ്യാറാക്കൽ	2	100000/-	Completed

6.	Dr. Shanty A.A & Dr. Ushamani M.	Chemistry- Aided	Development Of Imine Based Sensor For Biomolecule	2	100000/-	Completed
	Incidental expenses				25,000/-	
	Total:	Rs. 4,60,000/-				

MARG 2022-23

Sl no	Name	Department	Title	Period	Sanctioned Amount in Rs.	Status
1.	Dr. Lilly C.O.	Malayalam	കത്തോലിക്കരുടെ ജീവിതത്തിൽ പോർച്ചുഗീസ് സംസ്കാരത്തിന്റെ സ്വാധീനം	2 years	50,000	Ongoing
2.	Dr. Soumya PS Varsha Clara Varghese	Clinical Nutrition & Dietetics	Development and quality evaluation of Pokkali Rice based by-products	2 years	50,000	Ongoing
3.	Divya Raichu Jacob Dr. Samja Sabu	Clinical Nutrition & Dietetics	Invitro Nutraceutical Properties of Natural Farm Products	2 years	50,000	Ongoing
4.	Priyanka PS	Food Processing Technology	Identification and Isolation of major bioactive compounds in cashew nut testa and determination of antioxidant and antimicrobial activity	2 years	1,00,000	Ongoing
	TOTAL				2,50,000/-	

MARG 2023-24

Sl no	Name	Department	Project Title	Period	Sanctioned Amount in Rs.	Status
1	Ms. Vismaya Vincent	Statistics	A Statistical Study on the Impact of Waste Mismanagement on Public Health and the Optimization of Sustainable Solutions"	1 year	1,00,000/-	Ongoing
2	Dr Shaharban U.H	Malayalam	ഭാഷാഭാവുകത്വപരിണാമം തെരഞ്ഞെടുത്ത സൈബർ കഥകളെ ആസ്പദമാക്കി ഒരു പഠനം	2 years	70,000/-	Ongoing
3	Ms. Nimmi Jacob	Home Science	Extraction of natural pigments from plant sources and its food applications	2 years	2,00,000/-	Ongoing
TOTAL					3,70,000/-	

MARG-2024-25

S no	Name	Department	Title	Period yrs	Sanctioned amount (In lakhs)	1 st installment	2 nd installment
1	Dr. Lekha Sreenivas (PI) Alphy M John	Fashion Designing	Exploring the feasibility of seaweed Bioplastic as an alternative to paper drinking cups	2	1,00,000	50,000	50,000
2.	Dr. Vinita Paulose (PI) Aneetta V.J	Fashion Designing	From rags to riches: transforming textile waste into agro textile seedling tray	2	50,000	25,000	25,000
3.	Dr. Keziya James (PI) Dr. Helvin Vincent Dr.Frincy Francis	Zoology Physics	Extraction, characterization and application of microbial pigments	1	1,00,000	50,000	50,000
4.	Dr. Chandini V K Dr. Nishitha I.K	Botany	Bryophyte diversity assessment of iringole kavu, Ernakulam district	2	1,00,000	50,000	50,000

5.	Jean Mary Joy (PI) Dr.Minu Pius	Zoology Physics	Development of nanocomposite-based films for wound dressing applications	2	1,00000	50,000	50,000
6.	Ms. Soumya K (PI) Dr. Mary Liya C A	Economics	Dissecting the gender wage disparity: A comprehensive study across key sectors in Ernakulam	1.5	1,00,000	50,000	50,000
7.	Dr. Nisha Vikraman (PI) Dr.Sheeba Gopalakrishnan U	Home science	Evaluation of mild cognitive impairment among late adults: a multi-modal approach integrating daily living, nutrition and ergonomics	2	75,000/-	45,000	30,000
	TOTAL				6,25,000/-		

INTELLECTUAL PROPERTY RIGHTS (IPR) REPORT

Policy Framework

The IPR Cell contributed to the formulation and dissemination of both the IPR Policy and the Research Policy to guide innovation and safeguard intellectual assets within the institution.

Inter-Institutional Engagement

Provided IPR consultation services to other colleges, strengthening inter-collegiate collaboration in the area of intellectual property management.

Awareness and Training Programmes

The Cell organized a series of seminars to enhance awareness among various academic stakeholders:

- 17 July 2024: Seminar for B.Voc Software Applications students.
- 14 September 2024: Seminar for teachers and students of the Science departments.
- 14 March 2025: Seminar for BSc second-year students and teachers of the Economics department.

Institutional Collaborations

Two significant Memoranda of Understanding (MoUs) were signed:

- CONCLAVIT^{IP}, Bengaluru on 4 November 2024.
- Anand & Anand, New Delhi, a prominent IP law firm, on 7 November 2024.

Patents - Granted

- Dr. Tresa P. Sindhu & Dr. Leena Leon – 28 February 2024
- Dr. Jaya T. Varkey – 21 March 2025

International Patent- granted

- Ms. Raji S. Pillai – 26 February 2025

International Design Certification

- Ms. Geethu Krishna P.G

Patents - Applied

- Dr. Vinitha Paulose – 9 February 2024

Provisional Patents-Applied

- Dr. Minu Pius and Dr. Frincy Francis
- Dr.Nisha Vikraman

Copyrights - Granted

- Dr. Shobita P. S- 8 July 2024
- Dr. Nisha Vikraman -20 August 2024

Copyrights - Applied

- Dr. Rosemary Francis – 25 March 2025
- Ms. Raji S. Pillai

ACTIVITIES OF THE PATENT CELL

Report on the “Patent Essentials: Unlocking the secrets to protect your Inventions

Title of the Programmeme: Patent Essentials: Unlocking the secrets to protect your Inventions

Date: 17th July, 2024 at 1.30 pm

Venue: Department of Computer Applications,

No: of Beneficiaries/ Participants: **62 students** (32 B.Sc Vth sem Computer applications and 30 from B. Voc Software development) and **6 staffs**

Beneficiary type: Teachers and students of Department of Computer applications and B.Voc Software Development, St. Teresa’s College (Autonomous), Ernakulam.

Activity Description: The session on “**Patent Essentials: Unlocking the Secrets to Protect Your Inventions**” was conducted by the IPR coordinators Dr. Tintu Jose Manicketh and Dr. Frincy Francis to provide participants with a foundational understanding of Intellectual Property Rights (IPR) and patent filing processes. The session aimed to equip students and researchers with the knowledge required to safeguard their innovations effectively.

The key topics covered:

Overview of IPR (Dr. Tintu Jose Manicketh)

- Introduction to Intellectual Property Rights (IPR)
- Types of IPR: Patents, Copyrights, Trademarks, and Trade Secrets
- Importance of patent protection for innovation and

Commercialization Patent Filing Process (Dr. Frincy Francis)

- Steps in patent application and filing
- National and international patent filing procedures
- Key requirements for patent eligibility
- Common challenges in patent filing and how to overcome them

Outcome of the Activity:

By participating in this session, students and researchers:

- Understood the fundamentals of IPR and its role in protecting intellectual assets.
- Gained insights into patent filing procedures at both national and international levels.
- Learned to identify patentable inventions and assess the requirements for successful patent applications.
- Developed awareness of legal and ethical considerations in securing patents.
- Enhanced their ability to navigate patent databases for research and innovation purposes.
- This activity empowered attendees to take informed steps toward safeguarding their inventions, ensuring innovation is legally protected and commercially viable.

Brochure:



ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
College with Potential for Excellence
Re-accredited by NAAC with A⁺ Grade & CGPA 3.57 (4th Cycle)
Ranked 41st in NIRF 2023

PATENT CELL OF TRACC organizes

**Patent Essentials:
Unlocking the Secrets to Protect
Your Inventions**

for the
**Department of Computer Applications
& B.Voc Software Development**

17th July 2024 **1.30 pm**
Dept of computer applications

Resource Persons

Dr. Frincy Francis
Assistant Professor,
Dept. of Physics, St Teresa's College, Ernakulam

Dr. Tintu Jose Manicketh
Assistant Professor,
Dept. of Botany, St Teresa's College, Ernakulam



Report on the “Patent Essentials: Unlocking the secrets to protect your Inventions”

Title of the Programmeme: Patent Essentials: Unlocking the secrets to protect your Inventions

Date: 4th September, 2024

Venue: AV room, Science Block, St. Teresa’s College (Autonomous), Ernakulam

No: of Beneficiaries/ Participants: 28 staff members and 8 research scholars from Science Departments

Beneficiary type: Teachers and students from Science Departments, St. Teresa’s College (Autonomous), Ernakulam

Activity Description: The session on “**Patent Essentials: Unlocking the Secrets to Protect Your Inventions**” was conducted by the IPR coordinators Dr. Tintu Jose Manicketh and Dr. Frincy Francis focusing on the fundamental aspects of Intellectual Property Rights (IPR) and patent filing processes. The objective of the session was to provide participants with essential knowledge on how to safeguard their innovations and navigate the patent filing system effectively.

The Key Topics Covered:

Overview of IPR (Dr. Tintu Jose Manicketh)

- Introduction to Intellectual Property Rights (IPR)
- Types of IPR: Patents, Copyrights, Trademarks, and Trade Secrets
- Importance of patent protection for innovation and

commercialization Patent Filing Process (Dr. Frincy Francis)

- Steps in patent application and filing
- National and international patent filing procedures
- Key requirements for patent eligibility
- Common challenges in patent filing and how to overcome them

Outcome of the Activity:

By participating in this session, faculties and researchers:

- Gained a clear understanding of IPR and its role in protecting innovations.
- Developed knowledge of the patent filing process at national and international levels.
- Learned how to identify patentable inventions and assess their eligibility.
- Acquired skills to conduct prior art searches and navigate patent databases. Understood the legal and ethical aspects of patent filing to ensure compliance.

Brochure

ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
College with Potential for Excellence
Re-accredited by NAAC with A+ Grade & CGPA 3.87 (4th Cycle)
Ranked 41st in NIRF 2023

PATENT CELL OF TRACC
organizes

**Patent Essentials:
Unlocking the Secrets to Protect
Your Inventions**

for the
Science Departments

04th Sept 2024 **1.30 pm**
AV Room, Science Block

Resource Persons

Dr. Frincy Francis
Assistant Professor,
Dept. of Physics, St. Teresa's College, Ernakulam

Dr. Tintu Jose Manicketh
Assistant Professor,
Dept. of Botany, St. Teresa's College, Ernakulam

Ernakulam, Kerala, India
St. Teresa's College Ernakulam, Science Block Ln, Marine Drive,
Ernakulam, Kochi, Kerala 682031, India
Lat 9.975476° Long 76.27931°
04/09/24 01:46 PM

Report on the “Patent Essentials: Unlocking the Secrets to Protect Your Inventions”

Title of the Programmeme: Patent Essentials: Unlocking the Secrets to Protect Your Inventions

Date: 14 th , March ,2025 at 8:00am

Venue: AV room, Science Block, St. Teresa’s College (Autonomous), Ernakulam

No: of Beneficiaries/ Participants: 35 students from the Economics Department

Beneficiary type: Teachers and students from the Economics Department, St. Teresa’s College (Autonomous), Ernakulam

Activity Description:

The session on “Patent Essentials: Unlocking the Secrets to Protect Your Inventions” was conducted by the IPR coordinators Dr. Tintu Jose Manicketh and Dr. Frincy Francis, focusing on the fundamental aspects of Intellectual Property Rights (IPR) and patent filing processes. The objective of the session was to provide participants with essential knowledge on how to safeguard their innovations and navigate the patent filing system effectively.

Key Topics Covered:

Overview of IPR (Dr. Tintu Jose Manicketh)

- Introduction to Intellectual Property Rights (IPR)
- Types of IPR: Patents, Copyrights, Trademarks, and Trade Secrets
- Importance of patent protection for innovation and commercialization

Patent Filing Process (Dr. Frincy Francis)

- Steps in patent application and filing
- National and international patent filing procedures
- Key requirements for patent eligibility
- Common challenges in patent filing and how to overcome them

Outcome of the Activity:

By participating in this session, faculty members and students:

- ✓ Gained a clear understanding of IPR and its role in protecting innovations. ✓
- Developed knowledge of the patent filing process at national and international levels.
- ✓ Learned how to identify patentable innovations and assess their eligibility. ✓
- Acquired skills to conduct prior art searches and navigate patent databases. ✓
- Understood the legal and ethical aspects of patent filing to ensure compliance.

This session empowered researchers, students, and innovators with the knowledge required to protect their intellectual assets and take informed steps toward patenting their inventions.

Department of Economics & Centre for Research
in collaboration with IIC & TRACC

Organizes
Session on Intellectual Property Rights
Patent Essentials: Unlocking the Secrets to
Protect Your Inventions

14th March 2025 8.00 am
AV Room, Arts Block

Resource Person

Dr. Frincy Francis
Assistant Professor,
Dept. of Physics, St Teresa's College, Ernakulam

Dr. Tintu Jose Manicketh
Assistant Professor,
Dept. of Botany, St Teresa's College, Ernakulam



INDUSTRIAL LINKAGE AND CONSULTANCY CELL REPORT

The Industrial Linkage and Consultancy Cell under the Teresian Research and Consultancy Cell (TRACC) has actively engaged with departments and external stakeholders during the academic year 2024–25 to build industrial collaborations, enhance internship opportunities, and promote consultancy services across the institution. The overarching goal of the cell is to foster symbiotic relationships with industries and research institutions while encouraging faculty to extend their academic expertise beyond the classroom through consultancy.

Members of the Cell

The Cell comprised the following five members from diverse academic disciplines:

- **Dr. Saritha Chandran A** – Department of Chemistry, Team Lead
- **Dr. Jency Treesa** – Department of Commerce
- **Dr. Shanty A A** – Department of Chemistry
- **Mrs. Sunitha T R** – Department of Management Studies
- **Mrs. Abhina B** – Department of Physical Education

Each member was assigned five departments for liaison and follow-up, based on a multidisciplinary distribution, covering a total of 25 departments across arts, science, management, technology, and languages.

Member	Departments Allotted
Dr. Jency Treesa	Commerce, Sociology, English, Economics, History
Dr. Saritha Chandran A	Botany, Home Science, Mathematics & Statistics, Physics, Zoology
Mrs. Sunitha T R.	Management Studies, Food Processing Technology, Software Development, Communicative English, Clinical Nutrition and Dietetics
Mrs. Abhina B	Physical Education, Malayalam, Bharatanatyam, French, Hindi
Dr. Shanty A A	Chemistry, BCA, Commerce SF, Psychology, Fashion Designing

1. Departmental Interactions

Each member conducted one-on-one meetings with the Heads of Departments and senior faculty of their assigned departments with the following objectives:

- Identifying firms/institutes/companies for student internships
- Increasing the number of MoUs and industrial linkages for research and internship opportunities
- Spreading awareness on consultancy: defining eligible activities and explaining NAAC criteria

- Discussing the need for every department to have at least one MoU

2. Identified Departments Currently Offering Consultancy

The following departments have been identified as active in consultancy services:

- Commerce (Regular)
- Clinical Nutrition and Dietetics
- Fashion Designing
- Food Processing Technology
- Mathematics and Statistics
- Zoology

In addition, the **Teresian Instrumentation and Consultancy Centre (TICC)** continues to provide specialized services. These departments collectively represent the foundation of **Teresian Consultancy Services** and will be promoted as a unified brand to external stakeholders.

3. College-Level Orientation Session – November 11, 2024

Dr. Saritha Chandran A presented the goals, functions, and progress of the Industrial Linkage and Consultancy Cell to all faculty members of the college. The presentation included:

- Objectives of the Cell
- Summary of MoUs and consultancy projects across departments
- Activities classified as Consultancy- as any paid service outside regular teaching (e.g., external talks, setting papers, judging, evaluating, expert sessions)
- Difference between Linkages and Collaborations
- Guidelines on Consultancy Revenue Sharing:
 - 80:20 share if college resources are used
 - 100% to faculty if no institutional facilities are used
- Significance of internships in FYUGP curriculum and planning strategies
- Encouragement to offer department-based internships to outsiders
- Promoting interdisciplinary project-based internships

- **Planning UG/PG projects for post-exam continuation and CARE-listed publications:** Departments were advised to design UG and PG projects with the potential for publication in CARE-listed journals. After exams, students can be invited to continue their work for 1–2 months, earning internship certificates. This benefits students through research experience and publication opportunities, and faculty through publication credits. These activities can be documented in the AQAR, enhancing the institution’s academic and research profile.

- The necessity of documentation for AQAR and accreditation
- Need for consolidated and branded **Teresian Consultancy Services**

A brochure compiling all consultancy services offered by various departments along with **Teresian Instrumentation and Consultancy Centre (TICC)** was released during the presentation.

4. Research Scholar Outreach- November 11, 2024

In addition to the faculty orientation, a targeted presentation was conducted by Dr. Saritha Chandran A. for all research scholars of the college on November 11th, 2024. The objective of this session was to inform research scholars about the range of consultancy services offered by various departments and the Teresian Instrumentation and Consultancy Centre (TICC), which they could leverage for their own research activities. The session helped build awareness on how institutional consultancy infrastructure can support ongoing doctoral research, especially in terms of access to instrumentation, expertise, and interdisciplinary collaboration.

ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
 Affiliated to Mahatma Gandhi University, Kottayam
 Accredited with NAAC A++ Grade, 40th in NIRF Ranking 2024

CONSULTANCY SERVICES OFFERED

DEPARTMENT OF MATHEMATICS AND STATISTICS
 Statistical Consultancy Services

- Research planning
- Questionnaire preparation
- Data collection (sample size determination, questionnaire design and validity testing)
- Data cleaning
- Data analysis
- Data visualization
- Data interpretation
- Data transformation
- Report preparation
- Problem formulation
- Exploratory Data Analysis (EDA)
- Hypothesis generation
- Statistical modelling
- Model evaluation
- Insights generation

Contact Information
 Mob: +91 90612 29256, 96331 91682
 Email: tscs@teresas.ac.in

MICROBIOLOGY AND MOLECULAR BIOLOGY SERVICES

- Antibacterial analysis of 4 samples against 1 bacterium (one plate)
- Determination of coliforms in water samples
- UG Projects in Microbiology
- PG Projects in Microbiology
- PG Project in Microbiology and Molecular Biology
- Hands on training for 1 person in Microbiology (5days)
- Hands on training for a group of 10 students in Microbiology (5days)
- Hands on training for 1 person in Molecular Biology (5days)
- Hands on training for a group of 10 students in Molecular Biology (5days)
- Hands on training in Microbiology and Molecular Biology – combo (Group)
- Identification of unknown bacteria (DNA Isolation, Agarose Gel Electrophoresis & PCR amplification)
- Other services in Microbiology and Molecular Biology

DEPARTMENT OF COMMERCE (Regular) (Tax Consultancy Cell)

- Tax consultancy services – Assistance in filing income tax returns

Contact Information
 Mob: +91 77560 04600
 Email: commerce@teresas.ac.in

DEPARTMENT OF CLINICAL NUTRITION AND DIETITICS
 Diet Consultancy Services

- Online consultancy
- Direct consultancy

Contact Information
 Mob: +91 94477 11230
 Email: clinicalnutrition@teresas.ac.in

DEPARTMENT OF ZOOLOGY
 Instruments Available

- UV Visible Spectrometer
- Refrigerated Centrifuge
- PCR and Gel Documentation System

Contact Information
 Mob: +91 93498 42098
 Email: zoology@teresas.ac.in

DEPARTMENT OF FASHION DESIGNING

- Design Consultancy – Assistance with aspects of design development.
- Technical Consultancy – Consultancy for pattern development, prototype development & manufacturing process.
- Styling Consultancy – Consultancy for styling and choreography for various events.
- Academic Consultancy – Consultancy for curriculum development and infrastructure set up for fashion institutes.
- Consultancy to Media – Publish articles regarding fashion tips and trends.

Contact Information
 Mob: +91 98951 65792
 Email: fashion@teresas.ac.in

PHYTOCHEMISTRY SERVICES

- Extraction of 1 sample with 1 solvent (Soxhlet extraction)
- Extraction of one sample with successive solvents (Soxhlet extraction)
- Phytochemical screening (1 screening)
- Phytochemical screening (15 screenings) – combo
- PG Project in Phytochemistry and Microbiology

TICC Contact Information
 Mob: +91 75920 15322
 instrumentation@teresas.ac.in

DEPARTMENT OF FOOD PROCESSING TECHNOLOGY

Consultancy Provided: "Teresian Treats – Cakes & Confectioneries"

Offers delicacies like varieties of cookies, home-made chocolates, customised cakes, brownies and customised gift hampers.

TICC Contact Information
 Mob: +91 999513 39117
 Email: foodprocessingtechnology2015@gmail.com

BIOCHEMICAL SERVICES

- Antioxidant DPPH Assay
- Antioxidant ABTS Assay
- Anti Inflammatory Assay

Ernakulam- 682011, Kerala, India. | Ph - 0484 2351870, 2381312 | Fax - 0484 2352625 | Email - tracc@teresas.ac.in | www.teresas.ac.in

5. Capacity Building: Faculty Development Programmeme (FDP) Participation

Two members, **Dr. Shanty A A** and **Mrs. Sunitha T R**, attended a six-day National Faculty Development Programmeme on “*Engaging Industry Consulting Projects*” organized by DDU Kaushal Kendra, CUSAT from **4th to 9th November 2024**. Supported by the college with seed money of ₹4000 each, the programmeme covered:

- Scoping, planning, pricing, and managing consultancy projects
- Legal and ethical aspects, including NDAs and IP rights
- Use of tools like Tableau, Asana, Zoho
- Client engagement, branding, marketing, and customer satisfaction

- Application of AI, ML, and analytics in consultancy
- Assignments to prepare and present consultancy project frameworks

Outcomes and Implementation Plan:

1. Audit departmental expertise (already initiated)
2. Define services and offerings for each department
3. Create marketing materials and a dedicated webpage
4. Leverage alumni, network, and social media for outreach
5. Establish tie-ups with industry bodies
6. Promote interdisciplinary consultancy teams
7. Monitor and improve services through feedback and evaluation

6. Alignment with Emerging NAAC Criteria

To address new questions from NAAC regarding internships and MoUs, the cell proactively collected data from all departments regarding:

- Number of existing and new MoUs
- MoUs with industries and their relevance
- Internship status (batch, number of students, curriculum mandate)
- Plans for internship and research collaboration
- Whether departments have embedded internship components in their degree programmes

Based on the obtained data, the following departments were found to have **no MoUs with Industries**:

Bharatanatyam, Malayalam, Sociology, English, History, Zoology, Software Development, Communicative English, Physical Education, Hindi, BCA.

The Heads/representatives from **Bharatanatyam, Sociology, English, and Zoology** departments were called for a **meeting on 17th February 2025** with the Industrial Linkage and Consultancy Cell Head **Dr. Saritha Chandran A.** and the TRACC Coordinator **Dr. Ushamani M.** Discussions focused on strategies to initiate **industrial linkages and establish MoUs.**

7. MoU Facilitation Support

The Cell also helped in drafting MoUs for the following departments:

- **Home Science** with *Fevicryl and Shanthy Bhavan Cultural Academy for Peace*
- **Bharatanatyam** with *Nrithyasri Institute, Kadavanthara*
- **Chemistry** with:
 - *Axiom Analytical & Research Centre LLP*
 - *NIMS Centre for Genomic Medicine*
 - *Noorul Islam Centre for Higher Education, Kumaracoil, Kanyakumari, Tamil Nadu*
 - *Core Valley's Herbal Technologies Pvt. Ltd.*

Among these, the following MoUs have been signed:

- **Chemistry with Axiom Analytical & Research Centre LLP** – *10th February 2025*
- **Chemistry with Core Valley's Herbal Technologies Pvt. Ltd.** – *5th March 2025*
- **Bharatanatyam with Nrithyasri Institute** – Scheduled to be signed on *19th May 2025*

Outcomes Achieved in 2024–25

- Awareness created among all departments about MoUs, internships, and consultancy
- Orientation sessions successfully conducted for both faculty and research scholars, strengthening internal awareness and utilization of consultancy services
- Documentation systems strengthened for AQAR compliance
- A comprehensive consultancy brochure created and circulated
- Faculty expertise built through FDP participation
- Active engagement initiated for developing internship-embedded programmes
- Enhanced internal communication of consultancy resources available through the Teresian Instrumentation and Consultancy Centre (TICC)

Way Forward: Action Plan for 2025–26

- Conduct a mid-year review of consultancy and industrial linkage activities of departments
- Finalize and execute internship opportunities for second-year FYUGP students across all departments
- Track consultancy activities and consolidate into a centralized repository for branding and outreach
- Organize a **Consultancy Fair** showcasing departmental expertise
- Initiate at least **10 new industrial MoUs** with actionable deliverables (internships, collaborative projects, consultancy)
- Conduct training workshops for faculty on consulting proposal development and pricing

Conclusion

The Industrial Linkage and Consultancy Cell has made significant strides during the academic year 2024–25 by engaging with departments, participating in training, and consolidating consultancy services. The cell remains committed to advancing the college's mission by building impactful collaborations and extending the academic excellence of St. Teresa's College to the industry and society at large.

PUBLICATION & PROJECT CELL REPORT

1. INTERDEPARTMENTAL RESEARCH MEETING

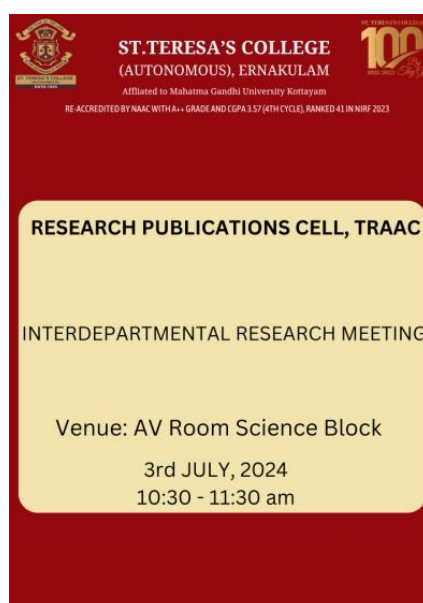
Date: July 03, 2024

Venue: AV Room, Science Block

Number of Participants: 50

Activity Description: A one day round table meeting between the different departments of the college was held in the AV room, Science block on 03.07.2024. The main goal of the meeting was to foster collaborative research among the different departments which can eventually lead to submission of joint project proposals, research publications and patents.

Activity Outcome: The meeting helped the participants to identify areas of mutual interest and initiate discussion on possible research areas.



2. ACADEMIC PUBLISHING AND WRITING

Date: July 22, 2024

Venue: AV Room, Science Block

Number of participants: 30

Activity Description: Seminar on the topic “Academic Publishing and Writing” was held on 22.07.2024. The resource person was Dr. Nisha T.P., Assistant Professor, Department of Chemistry. The participants were teachers from the self-financing department and research scholars. Different aspects of academic writing leading to successful publishing was discussed during the seminar. The participants received hands-on training on various research websites that aids in academic writing.

Activity Outcome: The participants were trained on the essentials of academic writing and publishing.



ST. TERESA'S COLLEGE
(AUTONOMOUS) ERNAKULAM

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100
PROGRESS
OF KNOWLEDGE

RESEARCH PUBLICATIONS AND
PROJECTS CELL OF TRAAC
ORGANIZES

Talk on
“Academic Publishing and Writing”

22nd July 2024, 1:30 pm, AV Room, Science Block



Resource Person
Dr. Nisha T. P
Assistant Professor
Dept. of Chemistry
St. Teresa's College

Contact: Dr. Mariyam Thomas, 9447715003
Dr. Elizabeth Kuruvilla, 6282385804



3. RESEARCH DAY

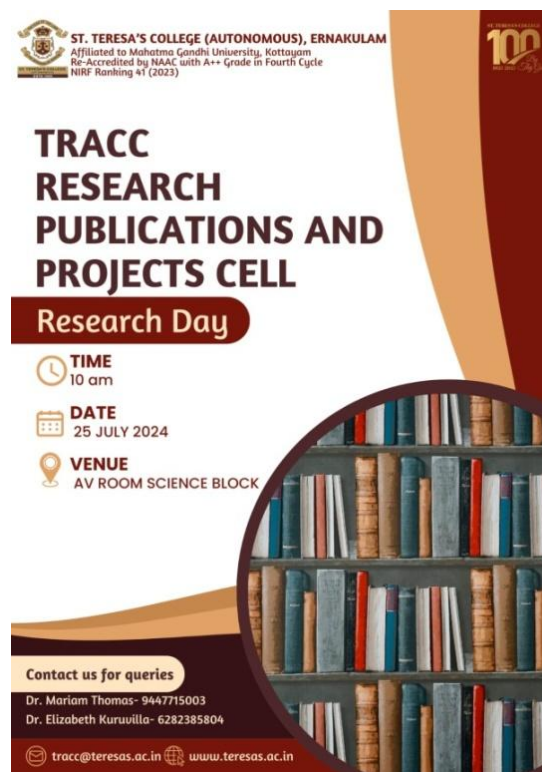
Date: July 25, 2024

Venue: AV Room, Science Block

Number of participants: 30

Activity Description: On 25.07.2024, Research Day was organised with the aim of bringing in faculties who were interested in developing collaborative research projects and encouraging them to spend a day discussing research projects. The discussions led to fruitful research collaborations which led to submission of project proposals. These initiatives aimed to highlight how successful project proposals not only contribute to the personal and professional growth of faculty members but also enhance the overall reputation and academic standing of the institution

Activity Outcome: Research collaborations were formed among faculties of different departments.



ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM
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NIRF Ranking 41 (2023)

**TRACC
RESEARCH
PUBLICATIONS AND
PROJECTS CELL**

Research Day

TIME
10 am

DATE
25 JULY 2024

VENUE
AV ROOM SCIENCE BLOCK

Contact us for queries
Dr. Mariam Thomas- 9447715003
Dr. Elizabeth Kuruwilla- 6282385804

tracc@teresas.ac.in www.teresas.ac.in



4. ESSENTIALS OF PUBLICATION

Teresian Research and Consultancy Cell in association with Department of Fashion Designing

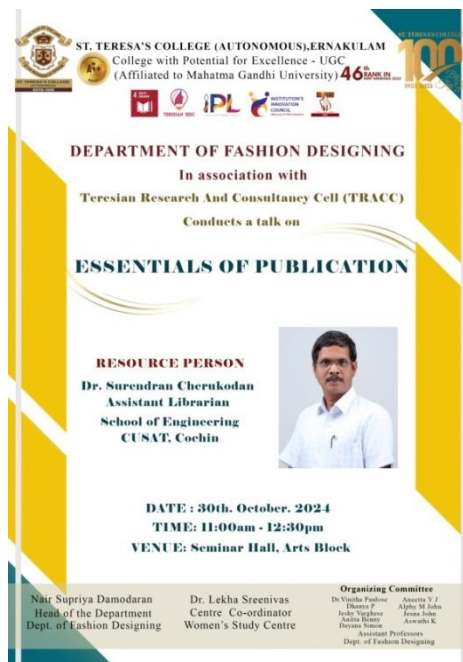
Date: October 30, 2024

Venue: Seminar Hall, Arts Block

Activity Description: The publication cell of TRACC organised a seminar on “Essentials of Publication” on 30.10.2024.

Dr. Surendran Cherukodan, Assistant Librarian, School of Engineering, CUSAT was the resource person. The topics covered included various academic publishing platforms, category of journals, journal metrics and journal indexes. Areas such as how to identify fake and predatory journals were also covered.

Activity Outcome: The participants gained understanding about journal metrics and various academic publishing platforms.



5. Sr. Marie Cecil Award for Best Research Paper

Activity Description: The publication cell assisted IQAC in identifying the Faculty for best research paper for Sr. Marie Cecil Award 2024-25. The revised guidelines and score sheet prepared was used for determining the awards. Dr. Ushamani M from the department of chemistry and Dr. Jency Treesa from the department of commerce were selected for the award from the science and arts streams respectively.

Activity Outcome: Marie Cecile Award winner

Science- Dr. Ushamani M., Associate Professor, Department of Chemistry and Centre for Research

(Publications)

1. Controlled reaction dynamics of cellulose: Revealing the dual morphology of nanocrystals; *Materials Today Sustainability* (27, 2024, 100860).
2. Transforming crustacean waste into a powerful antibacterial nanocomposite: unveiling the synergistic potential of novel copper doped zinc oxide–carbon dot nanocomposite; *Biomass Conversion and Biorefinery*; *Biomass Conv. Bioref.* (2023). <https://doi.org/10.1007/s13399-023-05189-3>.
3. Selective adsorption of anionic dyes and carbon dioxide using uncarbonized PVA aerogels incorporated with GO/PANI hybrids; *Adsorption* (2024) <https://doi.org/10.1007/s10450-024-00488-1>
4. Development of ecofriendly and sustainable bioplastics from cassava starch: Tailoring the properties using nanoparticles; *Sustainable Chemistry and Pharmacy* 37 (2024) 101377.
5. Topology structure significance on the applications of morphologically diverse molybdenum disulfide; *Journal of Environmental Chemical Engineering* 12 (2024) 112268.

Arts- Dr. Jency Treasa, Assistant Professor, Department of Commerce (Regular)

(Publication)

Does surveillance capitalism trigger the financial performance of information technology firms? A reflection from FAANG business models; *Digital Finance* (2024) 6:179–201

6. Publication Spotlight

Activity Description: The Publication Cell of TRACC was tasked with identifying research articles published by the faculty in journals indexed by Web of Science, Scopus, and UGC Care. These accomplishments were recognized through the “Research Excellence Spotlight” series, which celebrates faculty achievements. This initiative aims to encourage faculty members and research scholars to publish in indexed journals, thereby enhancing the research visibility of the college.

Activity Outcome: Over 43 UGC-Care/WoS/Scopus indexed journal articles, 19 book/book chapters, 2 patents (1 Indian and 1 Republic of South Africa), 3 copyrights and 1 registered design came under the “Research Excellence Spotlight” series.



The activities of the Project Cell have become more active and streamlined during the academic year 2024-25. The Cell is now playing a proactive role in identifying funding opportunities to the appropriate departments and faculty members. Whenever a call for new grants is announced, it is promptly communicated to the TRAAC coordinators. Thereafter, the information is officially shared in the college faculty group by the Principal. The announcement includes details of the grant as well as the specific departments targeted or eligible to apply for the funding. Following the dissemination of the grant information, the Project Cell will closely coordinate with the faculty members designated to submit proposals for the respective grants, if any.

SUMMARY OF GRANTS AWARDED DURING 2024-25

In the last academic year, the college successfully secured the following grants through the efforts of various faculty members and departments:

Name of the Principal Investigator/ Co-investigator	Title	Name of the Funding Agency	Department of PI/ Co-PI	Year of Award	Grant Amount
Dr. Alphonsa Vijaya Joseph	Consolidation of University Research for	DST	Physics, Chemistry, Botany,	2024-26	INR 1.5 Crores

(Nodal Officer – Dr. Mariam Thomas)	Innovation and Excellence (CURIE)		Zoology, HSc, FD		
Dr. Alphonsa Vijaya Joseph	FIST – Phase II	DST	Science Departments	2021-26	INR 80 Lakhs
Dr. Mariam Thomas, Dr. Jaya T. Varkey	Bioderived Antibacterial Polymeric Nanofiber for Water Decontamination	Directorate of Environment and Climate Change, Govt. of Kerala	Department of Physics, Department of Chemistry	2024-27 (36 months)	INR 25.3 Lakhs
PI: Dr. Rashmi H Poojara Co-PI: Dr. Soumya P.S, Dr. Divya Raichu Jacob, Ms. Anna Aleena, Ms. Sneha Merin	Menarche to Menopause: Health, Nutrition and Metabolic Profile	DST	Department of Home Science	2024	INR 42.14 Lakhs
Dr. Shilpa Jose	Impact Assessment of Multiple Food Security Interventions to Mitigate Micronutrient Malnutrition among Women and Children in Coastal Areas of Central Kerala	ICSSR special Call for Vision Viksit Bharat@2047	Department of Home Science	2024-27	INR 50 Lakhs
Dr. Nisha T P	"LIFE - Leveraging Integrated systems for Future Energy: Triboelectric Nanogenerators powered Electrochemical Hydrogen Production and Health Monitoring"	SPARC under Ministry of Education	Department of Chemistry	2024-26	INR 73.2 lakhs

An Initiative of TRACC- International Conference on Multidisciplinary Approaches in Environmental Sustainability-2024 from December 16-18th 2024

The International Conference on Multidisciplinary Approaches in Environmental Sustainability-2024 is a centenary initiative of St. Teresa's College, bringing together researchers and practitioners from diverse fields around the globe. Multidisciplinary approaches break down disciplinary silos and bring together knowledge from different domains. This form of an approach is instrumental to adapt to different contexts and environments. The purpose of this conference is to address current global issues, encourage creative research, and cultivate multidisciplinary collaboration. This historic event offers a forum for scholarly collaboration and stimulating conversations in a range of fields.

The event was inaugurated on 16th December 2024, in the presence of dignitaries, students and faculty held in the Platinum Jubilee Auditorium of St Teresa's college. The inauguration of the Conclave was honoured by the presence of Dr. Shubha Sathyendranath, an eminent Merit Scientist, Plymouth Marine Laboratory UK & Director, Trevor Platt Science Foundation (TPSF).

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NIRF Ranking 46 (2024)

TERESIAN CENTENARY INTERNATIONAL MULTIDISCIPLINARY CONCLAVE - 2024 (TCIMC-2024)

Conclave Dates:
December 16 - 18, 2024

Venue:
St. Teresa's College
(Autonomous)

About St. Teresa's College, Ernakulam
St. Teresa's College (Autonomous), established in 1925, proudly celebrates its centenary as a trailblazer in women's education in India. For 100 years, the college has been dedicated to empowering young women through a holistic education that fosters academic excellence, personal growth, social responsibility, and leadership. Over the past century, the institution has played a pivotal role in nation-building by shaping the futures of women from diverse backgrounds.

Park Avenue Road, Kochi-682011, Kerala, India www.teresas.ac.in

About the Conclave

The International Conference on Multidisciplinary Approaches in Environmental Sustainability-2024 is a centenary initiative of St. Teresa's College, bringing together researchers and practitioners from diverse fields around the globe.

Multidisciplinary approaches break down disciplinary silos and brings together knowledge from different domains. Such an approach helps one to adapt to different contexts and environments.

This conference aims to foster interdisciplinary collaboration, promote innovative research and address contemporary global challenges. This landmark gathering provides a platform for academic exchange and thought-provoking discussions across various disciplines.

Main Theme: Multidisciplinary Approaches in Environmental Sustainability

Sub Themes:

Arts Stream

- Traditional Ecological Knowledge (TEK) and Contemporary Sustainability
- Eco narratology, Petro fiction, Climate migrants and precarity, Discard studies, Anthropocene narratives
- Tourism and Peace
- Green practices in Business
- Responsible tourism / Sustainable tourism
- Environmental Policies and Governance for Vikasit Bharat, Sustainable Environmental Practices and Inclusive Growth
- Mental health related to Natural, Social and Organizational Environment, Sustainable organizations and its Impact
- Waste Management and Urban Sustainability, Ecological Fragility of the Western Ghats, Impact of Climate Change
- Sustainable Product Design and Innovation

Science Stream

- Climate Modeling and Atmospheric Physics
- Energy-efficient Materials
- Technology Advancement for Energy Sustainability
- Polymers and Soft Materials for Sustainability
- Integrating Nutrition and Sustainability Goals in Research
- Climate Risk Assessment through Statistical Methods
- Bioresources for Biofuels and Industrial Applications
- Environmental Sustainability
- Advanced Materials and Nanotechnology for Clean Energy
- Energy-efficient homes- Sustainable Building Design
- Sustainable Resource Management using Mathematical Optimization Techniques.
- Biodiversity and Ecological Restoration

Conclave Registration (non paper presenters/spot registration)

Please remit fees and submit the form
<https://forms.gle/LY7WnM8QJDgdk77>

PROGRAMME SCHEDULE

Day 1 16th December, 2024

09.00 a.m. - 10.15 a.m.



Inaugural Ceremony
Keynote Address
Dr. Shubha Sathyendranath
 Merit Scientist, Plymouth Marine Laboratory UK
 & Director, Trevor Platt Science Foundation (TPSF)

TECHNICAL SESSIONS

SCIENCE STREAM		ARTS STREAM			
<p>Session 1: 10.30 a.m. - 11.45 a.m.</p>  <p>Prof. Mats Andersson Matthew Finders Fellow & Director, Flinders Nanotechnology, Institute for Nanoscale and Technology, College of Science and Engineering, Flinders University, Australia</p> <p>Title: Advanced Materials for Photocatalysis and Photovoltaics</p>	<p>Session 2: 11.45 a.m. - 1.00 p.m.</p>  <p>Prof. Youhong Tang Institute for Nanoscale Science and Technology, College of Science and Engineering, Flinders University, Australia</p> <p>Title: Medical Devices Empower Aggregation Induced Emission Luminescence for Biosensing: From Design to Clinical Evaluation</p>	<p>Session 3: 1.00 p.m. - 2.00 p.m.</p>  <p>Dr. Aravindh M. A. Scientist 'D', Ministry of New and Renewable Energy, Government of India, New Delhi.</p> <p>Title: Renewable Energy in India - Policy and Current Scenario</p>	<p>Session 4: 11.45 a.m. - 1.00 p.m.</p>  <p>Ms. Mini Joseph Chief Financial Officer, CIAL Infrastructures Ltd- a wholly owned subsidiary of Cochin International Airport Ltd.</p> <p>Title: Green Initiatives of Cochin Airport</p>	<p>Session 5: 1.00 p.m. - 2.00 p.m.</p>  <p>Dr. Shaijumon C. S. Associate Professor & Head Department of Humanities and Social Sciences, Indian Institute of Space Science and Technology, Government of India, Thiruvananthapuram</p> <p>Title: The Power of Multidisciplinary Approaches in addressing Real-world Challenges: Insights from Space Economics and Neuroeconomics.</p>	<p>Session 6: 2.00 p.m. - 3.15 p.m.</p>  <p>Mr. Nithin Varghese Assistant Professor, Department of English, St. Berchman's College, Changanacherry.</p> <p>Title: Does Literature have the Power to Go Green?</p>
LUNCH BREAK					
PAPER PRESENTATIONS					
CULTURAL PROGRAMME					

TECHNICAL SESSIONS

Day 2 17th December, 2024

SCIENCE STREAM		ARTS STREAM			
<p>Session 4: 09.00 a.m. - 10.15 a.m.</p>  <p>Prof. Kadambot H.M. Siddique Hackett Professor of Agriculture Chair and Director, The UWA Institute of Agriculture, The University of Western Australia, Australia</p> <p>Title: Future Smart Crops: The Key to Improving Dietary Diversity and Fighting Hunger and Malnutrition</p>	<p>Session 5: 10.30 a.m. - 11.45 a.m.</p>  <p>Dr. Abhilash S. Department of Atmospheric Sciences, Cochin University of Science & Technology (CUSAT), Lake-side Campus, Fine Arts Avenue, Kochi.</p> <p>Title: Mathematical Modelling of Weather and Climate for Climate Action and Environmental Policy Implementation</p>	<p>Session 6: 11.45 a.m. - 1.00 p.m.</p>  <p>Dr. Ramakrishna Arkaugud Former Director, Zoological Survey of India, Kolkata</p> <p>Title: Impact of Climate Change on Biodiversity</p>	<p>Dr. Najeeb V. R. Research Coordinator and Social Scientist, UI Research Center Kozhikode</p> <p>Title: Plantations of Wayanad: The Interwoven Histories of Colonialism, Labor, Environment and Migration</p>	<p>Dr. Biju A. V. Associate Professor, Department of Commerce, University of Kerala.</p> <p>Title: The Role of Green Finance Landscape in Shaping Sustainability and Green Growth</p>	<p>Dr. Sebastian Joseph Head, Environmental History and Anthropocene Studies, Tropical Institute of Ecological Sciences, (TIES), Kottayam.</p> <p>Title: The Company, Medical Surgeons and the Question of Environmental Sustainability in Colonial India</p>
LUNCH BREAK					
PAPER PRESENTATIONS					
BACKWATER CRUISE (Charges Applicable)					




TECHNICAL SESSIONS

SCIENCE STREAM		ARTS STREAM			
Day 3 18 th December, 2024					
<p>Session 7: 09.00 a.m. - 10.15 a.m.</p>  <p>Dr. V. P. Limma Mol Assistant Professor, Department of Marine Biosciences, Faculty of Ocean Science and Technology, Kerala University of Fisheries and Ocean Studies, Kochi.</p> <p>Title: Ecological Resilience Indicators</p>	<p>Session 8: 10.30 a.m. - 11.45 a.m.</p>  <p>Dr. Jayanarayanan Kuttipurath Associate Professor, Centre for Ocean, River, Atmosphere and Land Sciences (CORAL), Indian Institute of Technology (IIT), Kharagpur</p> <p>Title: Climate Change and Environmental Sustainability in India</p>	<p>Session 9: 11.45 a.m. - 1.00 p.m.</p>  <p>Ms. Arundhati Sett Sustainability Architect and Urban Designer, Founder of EcoCollab Bangalore</p> <p>Title: Architecture Materials and Sustainability - ONE with Nature</p>	<p>Mr. Jasimudeen S. Librarian, St. Stephens College, Uzhavoor, Kottayam</p> <p>Title: AI Tools for Research</p>	<p>Mr. Jasimudeen S. Librarian, St. Stephens College, Uzhavoor, Kottayam</p> <p>Hands-on Training: AI Tools for Research</p>	<p>Dr. Nirmala Padmanabhan Dean of Extension and Incubation St. Teresa's College (Autonomous) Ernakulam</p> <p>Title: Integrating Sustainability into Research, Incubation and Extension in HEIs- The Teresian Approach</p>
LUNCH BREAK					
VALEDICTORY FUNCTION Chief Guest Dr. Jayanarayanan Kuttipurath Associate Professor, Centre for Ocean River, Atmosphere and Land Sciences (CORAL), Indian Institute of Technology (IIT), Kharagpur					



Our Patrons

- Rev. Sr. Nilima CSST
 Provincial Superior & Manager, St.Teresa's College (Autonomous)
- Rev. Sr. Emeline CSST
 Director, St.Teresa's College (Autonomous)
- Prof. Dr. Vinitha CSST
 Former Manager, St.Teresa's College (Autonomous)
- Prof. Dr. Alphonsa Vijaya Joseph
 Principal, St.Teresa's College (Autonomous)

Centenary Coordinator

Dr. Sajimol Augustine M.
 Senior Administrator
 St.Teresa's College (Autonomous)

Convenors

- Dr. Soja Louis**
 Associate Professor, Department of Zoology
 Mob: 93498 42098
- Dr. Leela P. U.**
 Assistant Professor, Department of Sociology
 Mob: 81369 33048

Coordinated by

Teresian Research and Consultancy Cell (TRACC)

ORGANISING DEPARTMENTS

- > Department of Bharathanatyam
- > Department of Botany & Centre for Research
- > Department of Cyber Security and Applied Computing
- > Department of Chemistry & Centre for Research
- > Department of Clinical Nutrition & Dietetics
- > Department of Commerce (Regular)
- > Department of Commerce (SF)
- > Department of Communicative English
- > Department of Computer Applications
- > Department of Economics & Centre for Research
- > Department of English & Centre for Research
- > Department of Fashion Designing
- > Department of Food Processing Technology
- > Department of French
- > Department of Hindi
- > Department of History
- > Department of Home Science & Centre for Research
- > Department of Malayalam
- > Department of Management Studies
- > Department of Mathematics & Statistics
- > Department of Physics & Centre for Research
- > Department of Psychology
- > Department of Sociology & Centre for Research
- > Department of Zoology

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എറണാകുളം സെന്റ് തെരേസാസ് കോളേജിൽ നടന്ന പാരിസ്ഥിതിക സുസ്ഥിര വികസനം ഇന്റർനാഷണൽ മൾട്ടി ഡിസിപ്ലിനറി കോൺക്ലേവ് വിന്യ ഡോ. ശുഭ സത്യേന്ദ്രനാഥ് തിരി തെളിക്കുന്നു. ഡോ. സജിമോൾ അഗസ്റ്റിൻ, പ്രിൻസിപ്പൽ ഡോ. അൽഫോൻസ വിജയ ജോസഫ്, ഡോ. ജി.വി.എം.ഗുപ്ത, വൈസ് പ്രിൻസിപ്പൽ ഡോ. സിസ്റ്റർ സുചിത, തുടങ്ങിയവർ സമീപം.

സെന്റ് തെരേസാസ് കോളേജിൽ രാജ്യാന്തര സമ്മേളനം നടത്തി

കൊച്ചി • എറണാകുളം സെന്റ് തെരേസാസ് കോളേജ് ശതാബ്ദി ആഘോഷങ്ങളുടെ ഭാഗമായി 'പരിസ്ഥിതി കേന്ദ്രമാക്കിയുള്ള സുസ്ഥിര വികസനം' എന്ന വിഷയത്തിൽ നടന്ന രാജ്യാന്തര സമ്മേളനം സെന്റർ ഫോർ മറൈൻ ലിവിങ് റിസോഴ്സസ് ആൻഡ് ഇക്കോളജി (സി.എം. എൽ.ആർ.ഇ) ഡയറക്ടർ ഡോ. ജി.വി.എം. ഗുപ്ത ഉദ്ഘാടനം ചെയ്തു. തെരേസിയൻ റിസർച്ച് കൺസൾറ്റന്റസി സെല്ലിന്റെ നേതൃത്വത്തിൽ 3 ദിവസമായി നടക്കുന്ന സമ്മേളനത്തിൽ 6 സെഷനുകളിലായി 260 ഗവേഷണ പ്രബന്ധങ്ങൾ അവതരിപ്പിക്കും. മികച്ച പ്രബന്ധങ്ങൾക്ക് അവാർഡുകൾ നൽകും. പ്രിൻസിപ്പൽ ഡോ. അൽഫോൻസ വിജയ ജോസഫ്, പൂർവ്വ വിദ്യാർഥിയും ശാസ്ത്രജ്ഞയുമായ ഡോ. ശുഭ സത്യേന്ദ്രനാഥ്, സിയാൽ ഇൻഫ്രാസ്ക്ട്രക്ചർസ് ലിമിറ്റഡ് ചീഫ് ഫിനാൻഷ്യൽ ഓഫീസർ മിനി ജോസഫ്, കോളേജ് മുൻ മാനേജർ സിസ്റ്റർ ഡോ. വിനിത, വൈസ് പ്രിൻസിപ്പൽ സിസ്റ്റർ ഡോ. സുചിത, സീനിയർ അഡ്മിനിസ്ട്രേറ്റർ ഡോ. സജിമോൾ അഗസ്റ്റിൻ തുടങ്ങിയവർ പ്രസംഗിച്ചു.

DETAILED REPORT OF TCIMC- 2024 IS UPLOADED IN TRACC WEBSITE