

# **IQAC ACTIVITY REPORT**

## **2022-23**

***Internal Quality Assurance Cell***  
***St. Teresa's College (Autonomous), Ernakulam***

The Internal Quality Assurance Cell (IQAC) of St. Teresa's College (Autonomous), Ernakulam has been functioning successfully for the past 18 years, since its inception in June 2004. With a focus on academic excellence to ensure quality in all operations, the core team of the IQAC include Dr. Alphonsa Vijaya Joseph, Principal of the College as the IQAC Chairperson, Dr. Kala M S as the Coordinator, Dr. Ushamani M and Dr. Mary Liya as the Joint Coordinators.

The fourth cycle of Accreditation in the revised framework earned us the highest grade of A++ with a CGPA of 3.57 in 2019 (9<sup>th</sup> August 2019). The college was also ranked 37<sup>th</sup> under the National Institutional Ranking Framework (NIRF) 2022.

The IQAC of the college is keen on ensuring the quality of education and pioneering development initiatives for the students, faculty, non-teaching staff, and the college. All the activities and efforts of the IQAC team are designed with a vision towards the progress and refinement of the institution.

## **COMPOSITION OF IQAC**

The Internal Quality Assurance Cell (IQAC) of St. Teresa's College (Autonomous), Ernakulam has been reconstituted for the academic year 2022-23. Following are the members of the newly inducted IQAC.

- Dr. Alphonsa Vijaya Joseph, Principal - Chairperson
- Dr. Sr. Vinitha, CSST, Manager - Member from the Management
- Dr. Kala M. S. – IQAC Coordinator

### **Nominated Members**

1. Dr. Sajimol Augustine	Senior Administrator
2. Smt. Betty Joseph	Vice Principal
3. Dr. Reema Kuriakose	Controller of Examinations
4. Sr. Divina Rosiline D'Silva	Librarian
5. Dr. Ushamani M.	Joint Coordinator
6. Dr. Mary Liya C. A.	Joint Coordinator
7. Dr. Sajitha J. Kurup,	IQAC Member
8. Dr. Mary Sruthy Melbin	IQAC Member
9. Dr. Helvin Vincent	IQAC Member
10. Dr. Jaya T. Varkey	Associate Professor, Department of Chemistry
11. Dr. Saritha Chandran A.	Assistant Professor, Department of Chemistry
12. Dr. Anu Joseph	Associate Professor, Department of Home Science
13. Dr. Lebia Gladis N. P.	Assistant Professor, Department of Sociology
14. Dr. Susan Mathew Panakkal	Assistant Professor, Department of Mathematics
15. Sri. Jerin K. P	Junior Superintendent, Administrative Officer
16. Smt. Neena Unnikrishnan	Parent Representative
17. Ms. Elizabeth Susan Koshy	Alumni representative (Armed Police Inspector, Govt. of Kerala)
18. Arathy Krishna (I BA Economics)	Student Representative
19. Minnu Elizabeth George (II B.Com.)	Student Representative

## External Members



Prof. Dr. N. Jayasankaran,  
Former Vice Chancellor,  
Kanchi University



Dr. S. V. Sudheer  
Director- UGC Human Resource  
Development Centre,  
Trivandrum



Dr. K. P. Vijayakumar,  
Former Head & Associate Professor  
Department of Library and Information Science,  
University of Kerala



Sri Sudheer Mohan  
Director, Wipro Digital



Ms. Gracy Babu Jacob  
Councilor, Cochin Corporation

## **IQAC ACTIVITY REPORT 2022-23**

This report includes the activities conducted under the leadership of the IQAC of St. Teresa's College (Autonomous), Ernakulam during the academic year 2022-23.

### **Activities of the IQAC**

#### ***Submission of KSHEC Survey 2021-22 data***

The college submitted the data for All Kerala Higher Education survey (AKHES) conducted by the Kerala State Higher Education Council (KSHEC) on September 1, 2022. The survey is conducted for the academic year 2021-22 under the following broad items - Institution's Basic Details, Details of the Teachers, Details of Non-Teaching Staff, Programme conducted under various Faculties/Schools and Departments/Centres, Students enrolled in these Programmes, Examination results, Financial Information, Availability of Infrastructure, Scholarships, Loans and Accreditation.

#### ***Submission of NIRF 2023 data***

The data for the National Institutional Ranking Framework (NIRF 2023) submitted on 9<sup>th</sup> January 2023 by manager Rev. Dr. Sr. Vinitha.

#### ***Submission of AISHE data 2021-22***

The IQAC submitted the data for All India Survey on Higher Education for the year 2021-22 conducted by the higher education department, Ministry of Education, Government of India on 15<sup>th</sup> February 2023.

#### ***Submission of AQAR 2021-22***

The Annual Quality Assurance Report (AQAR) for the academic year 2021-22 submitted to NAAC on 11<sup>th</sup> April 2023 by the IQAC coordinator Dr. Kala M. S.

#### ***Timely submission of data to government and non-government institutions / organizations***

IQAC is responsible for the collection and timely submission of data and reports requested by government and non-government institutions and organizations like RUSA, the Directorate of

Higher Education, the Higher Education Council, Mahatma Gandhi University, State Legislative Assembly etc.

### ***Handling of Google Meet and Zoom accounts***

The IQAC handles the google meet and Zoom account of the college, providing access to these accounts for the conduction of common classes and webinars to departments, clubs and cells.

### ***Academic and Administrative Audit***

The academic and administrative audit was planned during last year. Academic audit was conducted during 2021-22 academic year and the report was published on June 2, 2023 during the faculty orientation programme. The administrative audit comprising the audit of examination cell, administrative office and library was conducted in the beginning of the academic year 2022-23. Dr. Suresh kumar, Former Controller of Examinations, Maharajas College, Ernakulam, audited the examination cell, Adv. P. S. Najeeb, retired Accounts officer of Deputy Director of Collegiate Education, Ernakulam was the auditor of administrative office and Mr. Cherian, Librarian, UC College, Aluva, audited the library. The suggestions as mentioned in the report was intimated to the concerned departments.

### ***Faculty Orientation Programme on Syllabus Restructuring***

With the conferment of autonomy, every three years, the college restructures the syllabuses to bring out more constructive and dynamic curriculum for the students. With the aim of creating awareness among the faculty regarding the rules and regulations to be followed while restructuring the syllabus and the crucial items related to the academic documentation, the Internal Quality Assurance Cell of the college has conducted an orientation session on 15<sup>th</sup> September 2022 at 2.30 p.m. at the college auditorium. Dr. Kala M. S., IQAC Coordinator, St. Teresa's College (Autonomous) was the resource person. 200 faculties from all departments attended the session.



ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM  
Reaccredited by NAAC in the 4<sup>th</sup> cycle with A++ (CGPA 3.57)

## FACULTY ORIENTATION PROGRAMME ON SYLLABUS RESTRUCTURING

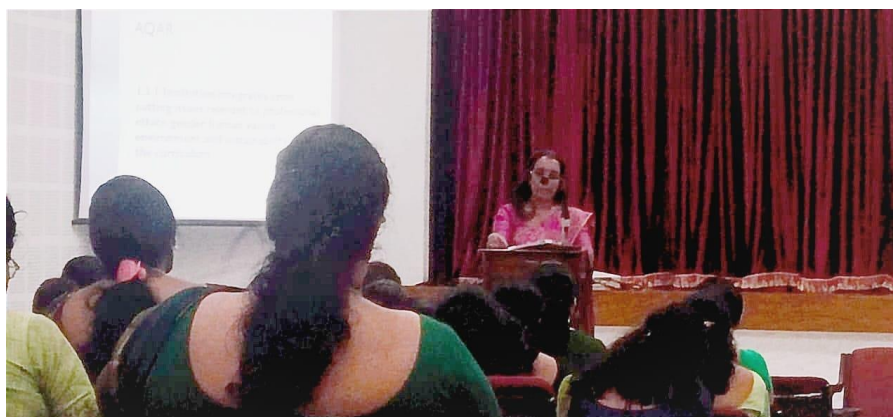
**15 September 2022**

Organized by  
**THE INTERNAL QUALITY ASSURANCE CELL (IQAC)**

**Resource Person**

**Dr. Kala M. S.**

IQAC Coordinator  
St. Teresa's College (Autonomous)



### ***Faculty Orientation Programme on website update***

A hands-on Faculty Training Programme on Website Update was organised by IQAC on 20<sup>th</sup> September 2022 and 22<sup>nd</sup> September 2022. Two sessions were conducted for arts block departments and science and central block departments. Ms. Caroline Elizabeth Loyed, website in-charge, was the resource person for the workshop. She demonstrated in detail the steps to be followed while adding and editing department events to the website. Altogether 28 faculties participated in the workshop.

### ***Student Orientation Programme***

To impart the vision and mission, values and culture of the institution, code of conduct, to introduce the students to the various clubs, activities and opportunities for personal growth and development of talents, to familiarize them with the graduate attributes and expectations the institution has of them and to enable a smooth induction and assimilation of the newly admitted students into the very fabric of the College, every year we conduct student orientation programme – ‘Deeksharambh’. This year, the orientation programme for the UG students was held across 3 days - 24<sup>th</sup>, 25<sup>th</sup> and 26<sup>th</sup> August 2022, in the Arts Block Auditorium.

An introductory session on the mission, vision of the college and a guide to ‘Purpose Driven Life’ was led by Dr. Beena Job. She spoke to them on their being created for a purpose and said that they would find peace and joy only if they lived out this purpose/call. In the next session, senior faculty came together for panel sharing on the same topic- Dr. Usha Nair, Dept of Hindi and Dr. Leena Leon, Department of Home Science. They inspired students by sharing their personal and professional experiences about finding the purpose of their lives. All the sessions were informative, life changing and uplifting for the new students.



### ***NAAC Sponsored Two-Day National Seminar***

The IQAC organized a two-day NAAC Sponsored National Seminar on ‘Implementation of NEP in Higher Education Institutions’ on the 17<sup>th</sup> and 18<sup>th</sup> of January, 2023. The themes for the seminar include NEP with regard to Higher Education Institutions, Reframing Curriculum, Academic Bank of Credits, Challenges in Implementation, NSQF Aligned Courses, Online Accreditation and its Methodology in Revised Accreditation framework etc. The resource persons for the seminar were pre-eminent members of Education Department and Administration, such as Dr. Manisha Priyam (Department of Education Policy, National



University of Education Planning and Administration, New Delhi), Dr. Chetan Singai (Chief Consultant on National Curriculum Framework from the Ministry of Education, Government of India), Dr. Anej Somaraj (Head-Curriculum, NSQF and Accreditation at ASAP, Kerala), Dr. Priya Narayanan (Assistant Advisor to NAAC), Prof. Amruth G Kumar (Department of Education, Central University of Kerala), Dr. Syed Wajeed (Former IQAC Coordinator and Associate Professor, Department of Microbiology, St. Joseph's University, Bengaluru), Dr. Kavitha K.R. (Registrar, Nrupathunga University, Bengaluru), Dr. Suma Singh (Dean of Humanities and Associate Professor, Department of Economics Mount Carmel College, Autonomous, Bengaluru), Dr. Priya K. Nair (Research Officer, The Kerala State Higher Education Council, Thiruvananthapuram) and Dr. Bindiya M. Varghese (Dean, Computer Science, Rajagiri College of Social Sciences, Kalamassery, Kerala). Around 230 participants from different parts of the country were the beneficiaries. Online and offline paper presentation sessions were also conducted during the two-day seminar. The proceeding of the seminar was also released in the valedictory function of the seminar.



## **Activities conducted under the AQAR criteria**

### ***Curricular Aspects***

The curriculum team of IQAC works towards ensuring a vision-driven curriculum, assuring quality in curriculum design and restructuring of syllabuses based on feedback from stakeholders.

The institution, under the leadership of IQAC, envisages formulating an Outcome Based Education (OBE) for all the programmes offered according to UGC guidelines. We have completed implementing OBE for all the six semesters of UG courses. Also, we collaborate with other institutions and mentor them regarding the implementation of the OBE.

#### ***Structured feedback system***

The curriculum team makes certain that the curricula offered for various programmes are in keeping with the demands of the time. A systematic procedure is followed to maintain the standard of the courses. The feedback forms were collected from students, teachers, employers, alumni and it addressed the curriculum and its learning-related issues in terms of quality, competence, skills and professionalism. The feedback collected from various stakeholders is monitored and evaluated by the curricular aspects team for the quality of performance on curriculum and curriculum related issues.

#### ***Documentation***

- The final corrected OBE documents of all the courses up to semester VI of all U.G. Programmes of St. Teresa's College, Ernakulam were finalized and uploaded on the college website.
- Entered the CO statements and mapping of all the courses of the semester V of all U.G. Programmes in the Digna software as a requisite for the course attainment calculation.
- Course attainment of all the courses of Undergraduate programme from semesters 1-V were made available in Digna portal.

### ***Workshop on ‘OBE Implementation ‘at Marthoma College, Thiruvalla***

Dr Ushamani M, Ms. Mary Sruthy Melbin and Ms. Minu Pius of the curriculum team conducted a workshop on “OBE Implementation” at Marthoma College, Tiruvalla on 11<sup>th</sup> October 2022.



### ***Survey on the implementation of OBE among faculties***

The curriculum team conducted a survey among the teachers of St. Teresa's College (Autonomous) to understand the effectiveness of the implementation of OBE in the college.

### ***Paper on ‘Implementation of Outcome Based Education – a case study’***

The Curriculum team published a paper titled "Implementation of Outcome Based Education: A Case Study" in the Proceedings of the NAAC Sponsored National Seminar on Implementation of NEP in Higher Education Institutions organized by the IQAC, St. Teresa's College (Autonomous), Kerala, on 17-18<sup>th</sup> January 2023.

### ***Scrutiny of Value-added courses***

Scrutiny of the following value-added courses syllabuses were finalized by Curriculum team before presenting in the respective Board of Studies and Academic Council.

1. Chemistry in Everyday Life- Department of Chemistry and Centre for Research
2. Sophisticated Instrumental Analysis- Department of Chemistry and Centre for Research
3. Psychotherapy Techniques for Daily Life- Department of Psychology
4. Social Entrepreneurship- Department of Psychology
5. Employability Skill Enhancement Course- Department of Management Studies
6. Computational Methods in Drug Discovery- Department of Chemistry and Centre for Research
7. Gender Inclusive Public Policy- Department of Sociology and Centre for Research
8. Food Analysis and Toxicology- Department of Food Processing Technology
9. Basic Techniques in Microbiology and Analysis of Conventional Food Adulterants - Department of Zoology
10. Medical Coding- Department of Zoology

### ***Teaching, Learning and Evaluation***

#### **Spoken Tutorials program by IIT Bombay for all II UG and II PG Students.**

Spoken tutorial is a programme initiated by IIT Bombay. It is a multi-award-winning educational content portal offering Free and Open Source Softwares (FOSS).

The Teresian Teaching Learning Centre has collaborated with Spoken Tutorial, IIT Bombay and has initiated this programme in our college by availing their annual membership. According to the terms of this association, each student or teacher in our college can do 3 courses in a semester- 6 courses in a year without paying any fee. A student can do maximum of 2 courses at a time. Our college can also conduct FDPs on the courses offered by spoken tutorial.

We offered the programme to the second year BSc and MSc students. **We offered three FOSS to each student last year. Training on 30 different FOSS were given.** Participants who passed the tests got certificates, others got participation certificates.

A team of teachers were involved in the programme. The programme was initiated in the college under the leadership of NAAC Criteria II Teaching Learning and Evaluation team. The college coordinator of the programme was Dr. Saritha Chandran A, Coordinator, Teresian Teaching Learning Centre.

There were five faculty coordinators at the college for the same-

1. Dr. Soja Louis, Head, Department of Zoology
2. Dr. Jeena Ann Joseph, Coordinator, Teresian Teaching Learning Centre and Assistant Professor, Department of English and Centre for Research
3. Dr. Mary Sruthi Melbin, Assistant Professor, Department of Commerce
4. Mrs. Raji S. Pillai, Assistant Professor, Department of Computer Applications
5. Dr. Saritha Chandran A. Coordinator, Teresian Teaching Learning Centre and Assistant Professor, Department of Chemistry and Centre for Research

Each faculty coordinator had coordinated the activities of 4 or 5 departments. **The coordinators received letters of appreciation by IIT Bombay for their efforts for the year 2021-22.** Each department had a department coordinator to conduct the trainings and tests.

The following table lists the consolidated list of FOSS offered in the two semesters in the year 2022-23.

FOSS	No: of participants	No: of participants passed and acquired certificates
Applications of GeoGebra	149	143
Avogadro	27	17
Blender	45	14
C	23	23
CellDesigner	125	81
Drupal	8	2
ExpEYES	64	46

FrontAccounting-2.4.7	176	107
GIMP	314	55
HTML	128	76
Inkscape	293	302
Introduction to Computers	112	73
Jmol Application	19	19
Joomla	60	27
LaTeX	35	29
LibreOffice Suite Base	47	25
Linux	61	51
Moodle Test for Teachers	26	1
PHP and MySQL	43	40
Python 3.4.3	97	41
QCAD	9	6
R	226	64
Scilab	105	53
<b>Total</b>	<b>2388</b>	<b>1863</b>

The rest of the participants acquired participation certificates.

A sample certificate is given below:





## Webinar on “Why Spoken Tutorials?” on March 8<sup>th</sup> 2023.

The Teresian Teaching Learning Centre organized a webinar on “Why Spoken Tutorials?” on March 8<sup>th</sup> 2023. The Spoken Tutorial is a project at IIT Bombay, an initiative of National Mission on Education through ICT, under the Ministry of Education. It aims to provide IT training through audio-video tutorials. The uniqueness of this project is that the learners can learn any Open Source Software on their own (without the need of an expert) at their convenient place and time. Spoken Tutorials provide access to 75+ Basic & Specialized Courses at a low cost.

Ms. Jessie Veluswamy, Training Manager, IIT Bombay Spoken Tutorial Project was the resource person for the session. 87 participants from various universities registered for the same. The session commenced by 2pm and the resource person spoke about the methodology, objectives, features and the potential advantages of the programme. She emphasised how it will benefit the students, faculty and educational institutions at large. She also highlighted the list of software offered by Spoke Tutorials like: Basic IT Skills, Graphic Animation, Programming languages, Web development, Database management, Specialty packages, Technical Writing etc. The session came to a close by 3.15 pm after the interactive session.

**ST. TERESA'S COLLEGE (AUTONOMOUS)**  
ERNAKULAM  
College with Potential for Excellence  
Reaccredited by NAAC with A++ grade and CGPA 3.57  
Ranked 37<sup>th</sup> in NIRF 2022

100  
Years  
1923-2023

**Teresian Teaching Learning Centre**  
Organizes

**Webinar on**  
**Why Spoken Tutorials?**

8 March, 2023  
2 pm - 3 pm

Link for Registration: <https://forms.gle/EFWBWmHiWmMDhkn7>

Resource Person : **Ms. Jessie Velusamy**  
Training Manager  
Spoken Tutorial  
IIT Bombay



Organizing Committee :  
Dr. Jeena Ann Joseph (Coordinator)  
Dr. Saritha Chandran A.  
Dr. Preethi Kumar  
Dr. Soja Louis  
Dr. Helvin Vincent  
Dr. Mary Vinaya

Spoken Tutorial is a project at IIT Bombay, an initiative of National Mission on Education through ICT, under the Ministry of Education. It aims to provide IT training through audio-video tutorials. The uniqueness of this project is that the learners can learn any Open Source Software on their own (without the need of an expert) at their convenient place and time. Spoken Tutorials provide access to 75+ Basic & Specialized Courses at a low cost.

This webinar will focus on the:

- The methodology, objectives, features and its potential advantages.
- How it will benefit the students, faculty and educational institutions at large.
- The list of software offered: Basic IT Skills, Graphic Animation, Programming Languages, Web Development, Database Management, Specialty Packages, Technical Writing etc.



**Initiated Foundation courses for UG students in collaboration with the parent departments.**

Course 1: BASICS OF FOOD AND NUTRITION (for CLINICAL NUTRITION AND DIETETICS students)

Course 2: INTRODUCTION TO LITERATURE AND MASS COMMUNICATION (for COMMUNICATIVE ENGLISH Students)

### **Global Job Readiness Program (GJRP)**

297 students from 17 different departments enrolled in the ‘Global Job Readiness Program’ (GJRP) developed by Deakin University, Australia in partnership with India’s National Skills Development Corporation (NSDC).

Deakin University, Australia has developed ‘Global Job Readiness Program’ (GJRP) in partnership with India’s National Skills Development Corporation (NSDC). The GJRP has been designed to enhance candidate capabilities across four critical soft skills, namely communication, collaboration, problem solving, and innovation. Candidates undertook a pre-program assessment and post-program assessment task, each of which comprised of 40-60 multiple choice questions related to the four skill areas. The program was offered to second year degree students of our college. 297 students from 17 different departments enrolled in the program. The program commenced on March 6<sup>th</sup>, 2023. The duration of the course was two weeks. 75 students completed the course successfully and receive a digital badge and certificate.

The course helped to enhance candidate capabilities across four critical soft skills, namely communication, collaboration, problem solving, and innovation.

The course equipped the students for a Global Job Readiness by enhancing their soft skills.





## TECHGEN

In an effort to promote computer literacy, a workshop was organized for 15 students to learn the basics of Microsoft Word and Excel. The workshop was conducted from April 1st to April 30th, 2023. The workshop aimed to give students a better understanding of how to work with Microsoft Word and Excel, two of the most commonly used applications in the world, and to promote computer literacy. After each session, the students were given an assignment to test their understanding of the concepts covered.

The classes on Microsoft Word were comprehensive and included topics such as formatting, inserting tables, and using different views. The sessions on Microsoft Excel taught students different operations, charts, and how to use the vlookup function.

Throughout the classes, the mentors kept a close eye on the progress of each student. They regularly tested the students' understanding of the concepts covered and provided clear explanations to clear any doubts.

Overall, the students gained valuable knowledge about the basic features and functions of Microsoft Word and Excel. They provided excellent feedback that the workshop helped them to develop essential computer literacy skills and work more efficiently. It was a remarkable initiative that ensured the cultivation of necessary skills for the students' career.

ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM  
RE-ACCREDITED BY NAAC WITH A++ GRADE (CGPA-3.57)

Teresian Teaching Learning Center  
in association with  
The Department of Computer Applications  
Organizes

FROM 1ST APRIL, 2023 **TECH GEN** TILL 10TH APRIL, 2023

**"BOOST YOUR OFFICE SKILLS WITH  
WORD AND EXCEL"**

TOPICS COVERED:

- MS Word Fundamentals
- Adding table of contents and references
- Basic components and formulas of MS Excel
- Adding Charts and Creating Pivot Tables
- Vlookup Function

**Registration Fee: Rs.400**

Payment by the participants can be done via  
NEFT/RTGS/IMPS/Google pay to the account mentioned below

Account No : 6903629305  
Account Name : PRINCIPAL ST.TERESAS COLLEGE (IQAC)  
IFSC Code : IDIB000E007  
Branch : Indian Bank, Ernakulam Branch

**Register Here (Till March 31, 2023)**  
<https://forms.gle/GDG4CA41Kewyv2FC9>

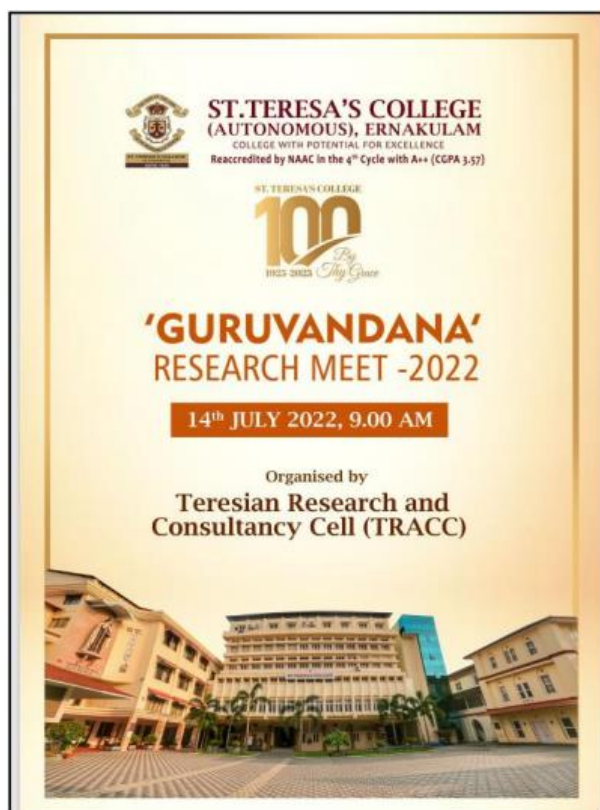
Faculty Coordinators  
Raji S Pillai: 8075825448 | Elizabeth Paul: 9544772242

## ***Research, Innovations and Extension***

The college is committed to promote a research culture among faculty and students by facilitating participation in research and related activities, providing resources and other facilities collaborating with academic, governmental and non- governmental bodies. The college has constituted a research cell –Teresian Research and Consultancy Cell (TRACC) for promoting and monitoring the research activities. The TRACC, in association with the IQAC conducts workshops, seminars, FDPs etc. on research related fields.

### ***Guruvandana – Research Meet***

The research meet held on July 14th, 2023 rendered gratitude to the eminent research guides and felicitated the 107 Ph. D. awardees from St. Teresa's College. The guests of honor were welcomed by Dr. Alphonsa Vijaya Joseph, Principal, St. Teresa's College and the Presidential address was delivered by Rev. Sr. Emeline CSST, Director of St. Teresa's College. Sister stressed the importance of enhancing research publications that would benefit in gaining University status. Guest of honour was Dr. Sabu Thomas, Vice Chancellor, M G University



### ***Webinar on IPR - “How to Turn an Idea into Patent and Patent Filing Training”***

The event, titled "How to Turn an Idea into Patent and Patent Filing Training," took place on October 19, 2022, from 1:30 p.m. to 3:30 p.m. The session was conducted on the Google Meet platform and attracted a total of 120 participants. The distinguished resource person for the event was Dr. K.T. Varughese, a retired scientist from the Central Power Research Institute and a patent agent.

**ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM**  
COLLEGE WITH POTENTIAL FOR EXCELLENCE  
Reaccredited by NAAC with 'A++' and CGPA of 3.57 in the fourth cycle  
**37<sup>th</sup> Rank in NIRF Ranking 2022**

**Inauguration of Teresian Patent Cell 2022-23**  
and talk on  
**“HOW TO TURN AN IDEA INTO PATENT AND PATENT FILING TRAINING”**  
ORGANISED BY  
**Teresian Research and Consultancy Cell (TRACC)**  
Chief Guest  
**Dr. K T Varughese**  
Retired Scientist, Founder and Director,  
Conclavit , Bangaluru

**Date: 19.10.2022 Time: 1.30– 3.30pm Platform: Google meet**  
**(For Faculty and Research Scholars)**

Registration, Click Here <https://forms.gle4qmwTwTKpaq8kU519> Join us on Google meet <https://meet.google.com/ug-qmpa-fwa>

Transforming inventions into patent applications requires a combination of knowledge and skills that can only be acquired through experience. This seminar is aimed for professors and researchers interested in learning more about the strategic use of patents in research innovations.

**DR. K T VARUGHES**  
RETIRED  
SCIENTIST (CPRI)  
AND PATENT AGENT

**PROGRAM SCHEDULE**

Prayer	: Dr. Thushara George
Welcome	: Dr. Sr. Vinitha (CSST Provincial Superior and Manager)
Presidential address	: Dr. Alphonsa Vijaya Joseph (Principal)
Felicitations	: Dr. Sajimol Augustine M. (Senior Administrator)
Inauguration of patent cell and Keynote address	: Dr. K T Varughese
Vote of thanks	: Smt. Ottina Teasa Mendez

**Organizing Committee**  
Dr. N. Dhanya, Dr. Santhi A, Dr. Leena Leon, Dr. Tania Mary Vivera, Dr. Ursala Paul,  
Dr. Mariyam Thomas, Dr. Elizabeth Kuruvila

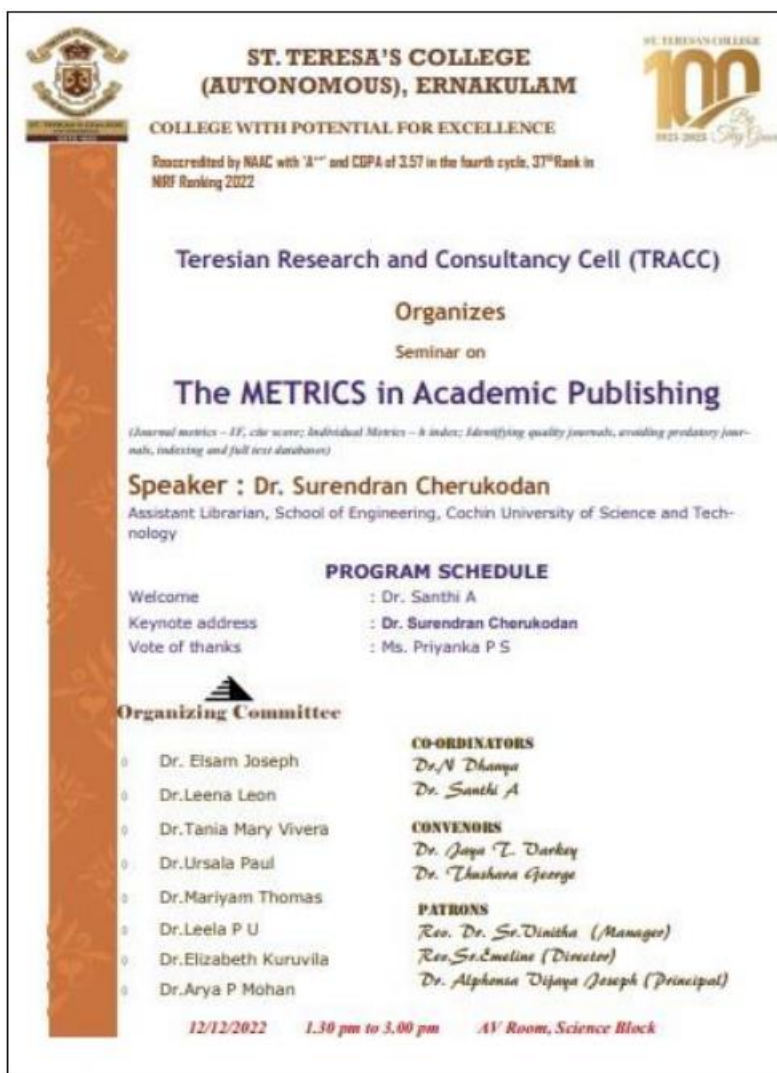
**Co-ordinators**  
Dr. Elsam Joseph  
Dr. Leela P U  
Dr. Arya P. Mohan

**Convenors**  
Dr. Jaya T. Varkey  
Dr. Thushara George

### ***Seminar on “The Metrics in Academic Publishing”***

The seminar on 'The Metrics in Academic Publishing' took place on 12-12-2022 at the Science block of St. Teresa's College. the resource person for the session was Dr. Surendran

Cherukodan, Assistant Librarian, School of Engineering, Cochin University of Science and Technology. He focused on the selection of journals for publication of research material for better visibility and advantage for the college.



**ST. TERESA'S COLLEGE  
(AUTONOMOUS), ERNAKULAM**  
COLLEGE WITH POTENTIAL FOR EXCELLENCE  
Reaccredited by NAAC with 'A++' and CGPA of 3.57 in the fourth cycle, 37<sup>th</sup> Rank in MRF Ranking 2022

**Teresian Research and Consultancy Cell (TRACC)**  
Organizes  
Seminar on  
**The METRICS in Academic Publishing**  
*(Journal metrics – IF, cite score; Individual Metrics – h index; Identifying quality journals, avoiding predatory journals, indexing and full text databases)*

**Speaker : Dr. Surendran Cherukodan**  
Assistant Librarian, School of Engineering, Cochin University of Science and Technology

**PROGRAM SCHEDULE**

Welcome	: Dr. Santhi A
Keynote address	: Dr. Surendran Cherukodan
Vote of thanks	: Ms. Priyanka P S

**Organizing Committee**

Dr. Elsam Joseph	<b>CO-ORDINATORS</b>
Dr. Leena Leon	Dr. N. Dhanya
Dr. Tania Mary Vivera	Dr. Santhi A
Dr. Ursula Paul	<b>CONVENORS</b>
Dr. Mariyam Thomas	Dr. Jaya L. Dharkey
Dr. Leela P U	Dr. Thashara George
Dr. Elizabeth Kuruvila	<b>PATRONS</b>
Dr. Arya P Mohan	Rev. Dr. Sr. Dinitha (Manager)
	Rev. Sr. Emeline (Director)
	Dr. Alphonsa Vijaya Joseph (Principal)

12/12/2022 1.30 pm to 3.00 pm AV Room, Science Block

### ***Webinar on Research Ethics***

A webinar on research ethics took place on 16-02-2023. Mr. V. Sriram, chief librarian, K.N. Library, Centre for Development studies Thiruvananthapuram was the resource person. The main contents of the webinar included Intellectual property rights, Copyrights, Open access information sources and Plagiarism checking. The resource person explained the topic very well gave insight about two types of copyright, which are Economic rights and Moral rights. Informative sites like swayam prabha and Shodhganga was also introduced.





**ST. TERESA'S COLLEGE  
(AUTONOMOUS), ERNAKULAM**



COLLEGE WITH POTENTIAL FOR EXCELLENCE

Reaccredited by NAAC 'A++' and CGPA of 3.57 in the fourth cycle,  
37th Rank in NIRF Ranking 2022

**Teresian Research and Consultancy Cell (TRACC)**  
Organizes

## **WEBINAR ON RESEARCH ETHICS**

16TH FEBRUARY 2023  
1.30PM  
Google Meet Platform

### **PROGRAMME SCHEDULE**

Welcome speech: Dr. Tania Mary Vivera

Keynote address: Mr. V. Sriram

Vote of Thanks: Dr. Leena Leon

### **ORGANIZING COMMITTEE**

Dr. Elsam Joseph  
Dr. Dhanya N  
Dr. Santhi A  
Dr. Ursala Paul  
Dr. Mariyam Thomas  
Dr. Leela P U  
Dr. Elizabeth Kuruvila  
Dr. Arya P Mohan

### **SPEAKER**



**MR. V. SRIRAM**

Chief Librarian, K. N. Raj Library,  
Centre for Development Studies,  
Thiruvananthapuram, Kerala.

### **PATRONS**

Rev. Dr. Sr. Vinitha CSST (Manager)  
Rev. Dr. Sr. Emeline CSST (Director)  
Dr. Alphonsa Vijaya Joseph (Principal)

### **TRACC COORDINATORS**

Dr. Jaya T. Varkey  
Dr. Thushara George

### **CONVENORS**

Dr. Leena Leon  
Dr. Tania Mary Vivera

## ***Infrastructure and Learning Resources***

### ***Development of Infrastructure***

The institution is always concerned about the growing need for infrastructure and other facilities as the number of programmes, students and faculties increases. The building for Radio Kochi was inaugurated this year. The new arts block auditorium is fully furnished and came to use from this year onwards. The construction of new building with improved facilities in the Central block is in progress. Advanced facilities including lifts, platforms etc. are under construction.

### ***Learning Resources***

The computer lab of the college has been renovated with latest model computers and allied equipment. 100 new computers were purchased during the year. The number of books in the library has been updated to 102900.

## ***Student Support and Progression***

The IQAC is diligent in ensuring that students are equipped with gadgets and connectivity for attending online classes. Surveys among the students about online classes, availability of gadgets and connectivity were conducted and measures were taken to ensure the availability of the gadgets and connectivity. Financially weak students given concession for payment of fees. Student support activities have been conducted both online and offline modes.

### ***Deeksharambh: Welcoming PG Students***

The orientation programme for the newly enrolled 1st Year PG batch of students was conducted on 10th August 2022. DEEKSHARAMBH is the Teresian Induction Programme aimed at familiarizing the students and parents with the ethos, core values and culture of our institution and its learning environment. The programme began with a Prayer Service led by Dr. Beena Job, Dean of Self-Financed Courses, after which Principal, Dr. Alphonsa Vijaya Joseph welcomed the gathering. Rev. Sr. Emeline, Director of the college delivered the Presidential address. The rich history and evolution of this illustrious institution was presented by Dr. Preeti Kumar, Head of the Department of English. Vice Principal, Smt. Betty Joseph delivered the vote of thanks following which Dr. Beena Job took sessions for both the parents and students.

### ***Deeksharambh: Welcoming UG Students***

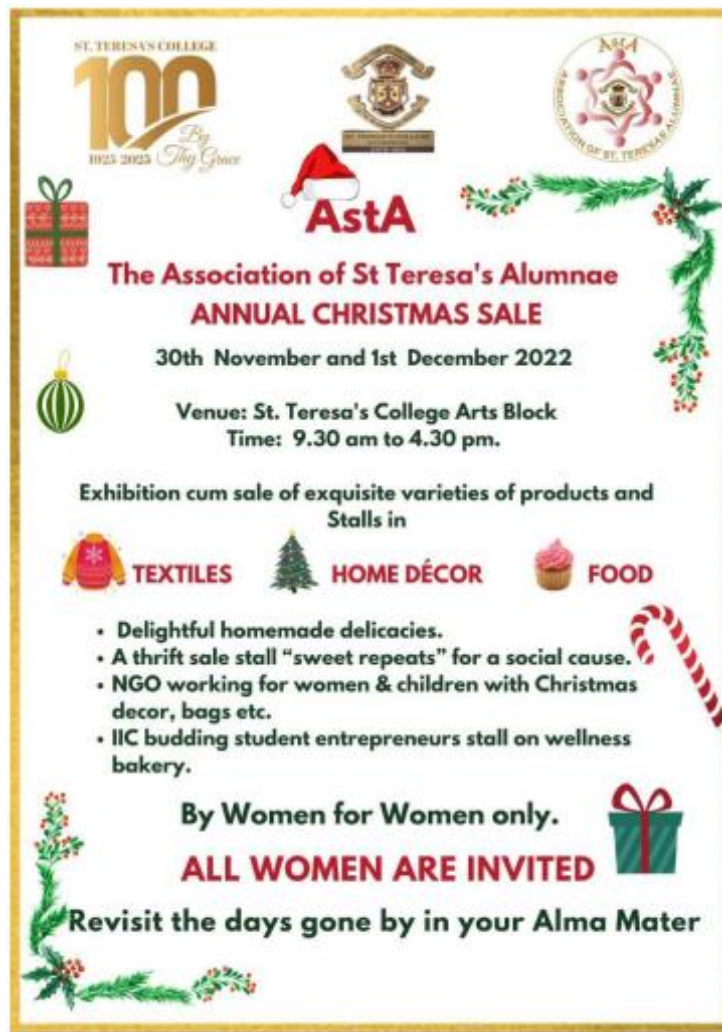
The orientation programme for the newly enrolled 1st Year UG batch of students was conducted from 24th August 2022 to 26th August 2022. Deeksharambh is the Teresian Induction Programme aimed at familiarizing the students and parents with the ethos, core values and culture of our institution and its learning environment. The programme began with a Prayer Service led by Dr. Beena Job, Dean of Self- Financing Courses, after which Principal, Dr. Alphonsa Vijaya Joseph welcomed the gathering. Rev. Sr. Emeline, Director of the college delivered the Presidential address. The rich history and evolution of this illustrious institution was presented by Dr. Preeti Kumar, Head of the Department of English. Vice Principal, Smt. Betty Joseph delivered the vote of thanks following which Dr. Beena Job took sessions for both the parents and students. The second day, a session was taken by Dr. Beena Job, Dean of Self- Financing Courses on “Purpose driven life” with panel discussions by Dr Usha Nair and Dr Leena Leon. The students were also introduced to the various clubs and cells of the college. On the last day a prayer session was led by Dr. Beena Job followed by a session by Sr.Smriti and Mr.George devasay on building confidence.

### ***Kalanjali***

Kalanjali 2022 was conducted on September 28th and 29th. Kalanjali is a program that is conducted to give a platform to the newly admitted students of St Teresa’s College to showcase their various talents. The first years showcased numerous musical performances, classical dances, group dances, poetry readings, elocution and various other activities. Over 600 students came forward to participate in the program. The Elysium hosted the on-stage art performances, and literary entries were also collected offstage.

### ***ASTA Sale - Initiative of Alumni Organization***

Every year, the alumnae association of St. Teresa’s College organizes a Christmas sale exclusive for women providing opportunities to hundreds of alumnae entrepreneurs. The sale includes textiles, food items, home decors etc. This year, the ASTA sale was conducted on 30 November, 2022 and 01 December 2022.



### ***Governance, Leadership and Management***

The management of the institution seeks to uphold the vision and mission statements at every step it takes. The faculty members of the college were always encouraged to enhance their skills by enrolling for different skill enhancement courses in different online platforms. Its broad vision and inclusive culture encourage active collaboration with other agencies for the overall growth of the faculties, non-teaching staff and the students. During 2022-23, orientation and induction programmes have been conducted for teaching and non-teaching staff under the leadership of Criterion VI.



### ***Faculty Orientation Programme***

The IQAC took the initiative of organizing a two-day orientation programme for teachers at the commencement of the academic year 2022-23. The programme was conducted on 1 and 2 June 2022 at the arts block auditorium. Prof. Dr. Zakkariya K. A. (Director of DDU KAUSHAL Kendra, CUSAT), Dr. Amruth G. Kumar (Professor, School of Education, Central University of Kerala, Kasargod), Prof. E. John Mathew (Former Principal, Baselius College, Kottayam), Rev. Dr. Sr. Chris CSST (President and Superior General), Rev. Dr. Sr. Vinitha CSST (Provincial Superior and Manager), Rev. Sr. Emeline CSST (Director) and Dr. Lizzy Mathew (Principal) were the resource persons. 201 faculties participated in the programme.





### ***Faculty Induction Programme***

The faculty induction programme for newly recruited faculties and faculties with less than five years' experience was held on 3<sup>rd</sup> June 2022 at the arts block auditorium. Dr. Nijoy P. Jose (International Head Trainer, Junior Chamber International) and Dr. Beena Job (Dean of Self-financing departments) were the resource persons. After the talks, Ms. Raji S. Pillai, Head of the Department of Computer Applications, St. Teresa's College, Ernakulam, introduced the ERP system of the college - Digna platform to the new faculties which was followed by the session to discuss the various possibilities of the Moodle-Learning Management System for the purpose of teaching and learning by Dr. Jeena Ann Joseph (Assistant Professor, Department of English, St. Teresa's College, Ernakulam).



### ***Orientation Programme for Non-teaching Staff***

Orientation programme for non-teaching staff was held on 3<sup>rd</sup> June 2022 at the arts block seminar hall. Prof. Civy Pulayath (preventive Dental Specialist cum Trainer) was the resource person. The speaker delivered a talk on “Aranu njan? Arakanam Njan? Which motivated the staff to look deep into their self, to know their strengths and appreciate one another.





## ***Institutional Values and Best Practices***

The college takes every measure possible to inculcate the values and virtues for the well-being of the society, nation and the world in the students. At St. Teresa's College, students contribute to society through various clubs and cells like Bhoomitra Sena Club, Society of Teresians for Environment Protection (STEP), Teresian Rural Outreach Programme (TROP), Initiatives towards Conservation of Nature and Energy Co-Ordinated By Teresians (ICONNECT) etc. The college strictly implemented green protocol in all events / programmes conducted. The green protocol followed by the college has been published on the website and displayed on different parts of the college to spread awareness to students and other stake holders. Class-wise awareness campaign had been conducted by members of Bhoomitra Sena Club every year.

For its continuing efforts towards green and sustainable environment, the college has been shortlisted in Swachh Toycathon which is an initiative by the Ministry of Urban Affairs, Government of India, under the National Action Plan for Toys. The college's entry has been deemed notable by the jury members. The college has received the prestigious Kerala State Renewable Energy Award from Sri. Krishnankutty, Hon. Minister for Electricity, Government of Kerala.



### ***Initiatives towards green and plastic-free campus***

- Replacement of single-use disposable cups and plates in college canteens with reusable steel glasses/cutlery, plastic straws with paper straws.
- Popularization of trendy Bhoomitram Sanchis in lieu of plastic carry bags.
- Promotion of cloth college bags instead of nonbiodegradable rexine bags.
- Avoidance of flex boards, plastic files and use of digital display boards during Seminars/Conferences
- Ban of plastic covering on student projects
- Nudges to follow green protocol through Posters all around campus and messages in the campus display board.
- Reduction of paper through e- Magazine, paperless voting etc.
- Reduction of chemical waste in labs through the practice of micro-analysis methods.
- Reduction of sanitary waste through popularization of menstrual cups.
- Reuse/Re - Cycling and Up- Cycling of waste/ Used products.
- Recyclable Non-biodegradable waste-plastics, paper etc. are segregated, collected in bins
- kept by district administration as a part of Collectors Club and handed over periodically to scrap dealers for recycling.