



# **ACADEMIC AND ADMINISTRATIVE AUDIT 2022-23**

**ST. THOMAS COLLEGE  
(AUTONOMOUS)  
THRISSUR**

**Period: 2022-23**

# **ADMINISTRATIVE AUDIT REPORT**

## **ST. THOMAS COLLEGE (Autonomous), THRISSUR**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 25-29 September 2023.

The team comprised of

- Dr. Anil George K, Vice Principal
- Dr. Sr. Alphonsa Mathew, Vice Principal
- Dr. Biju John M.
- Dr. Binoy C F
- Dr. Saju M I
- Dr. Jiju A Mathew
- Dr. Geethu Elizabeth Thomas, AAA Convenor
- Dr. Divya George, IQAC Coordinator

Prior to the visit the college submitted self-evaluative reports of each department which the team analysed. The audit team interacted with faculty members and verified all the minute books and documents of each department.

### **About the College**

St. Thomas College was founded as an educational institution in 1889 by Rt. Rev. Adolphus Edwin Medlycott, the Vicar Apostolic of Thrissur. The University of Madras gave formal affiliation to the institution in April 1919 with the institution becoming a Second Grade College, with Fr. John Palocaren as the first Principal. The College rose to the status of a First Grade College in March 1925. With the formation of Universities in Kerala, the College was affiliated to the University of Kerala in 1957 and to the University of Calicut in 1968.

The college was recognized by UGC under sections 2(f) in 1994 and 12 (B) in 2015. The college was last accredited by NAAC with 'A++' grade, CGPA of 3.7 in 2022 and became an Autonomous institution from 2014.

Vision of the college is “Transforming the youth through holistic education towards an enlightened society”.

### **ACCOLADES**

### **NAAC Accreditation**

St. Thomas College (Autonomous), Thrissur has completed its 4<sup>th</sup> cycle of NAAC accreditation with grade A++ and score 3.7 which valid from 26<sup>th</sup> October 2022 to 25<sup>th</sup> October 2027.

### **NIRF Ranking**

St. Thomas College (Autonomous), Thrissur obtained 53<sup>rd</sup> rank in NIRF India Ranking 2022

### **Institution' Innovation Council (IIC)**

Institution's Innovation Council (IIC) from MHRD (Ministry of Human Resource Development) Innovation Cell (MIC) and All India Council for Technical Education (AICTE) established in 21st November. College selected as the Mentor IIC Institution by Ministry of Education's Innovation Cell.

## **CURRICULAR AND TEACHING LEARNING ASPECTS**

- ❖ The evaluative report indicates a well-conceived, adopted and implemented OBE through a moderately flexible CBCSS across all UG and PG programmes.
- ❖ The NEP requirements are effectively included into the curriculum of St. Thomas College (Autonomous), Thrissur. All graduates take four audit courses—one each on gender studies, disaster management, intellectual property rights, and environmental studies—in addition to their usual credit-based coursework. In their final year, students have the option to choose elective papers from any discipline. Students can choose from a variety of value-added courses.
- ❖ Humanities and sciences are now being blended through the introduction of multidisciplinary programmes like the B.A. in Criminology and Police Science, B.Voc. Data Science, and B.Voc. Forensic Science
- ❖ The institution has successfully registered under the ABC, enabling credit transfer and allowing its students to profit from many entry and exits within the chosen programme.
- ❖ Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System - 38
- ❖ The number of programs revised is 2 (BA English & BA English and History)
- ❖ Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year – 731
- ❖ Number of new courses introduced across all programmes offered during the year - 7
- ❖ Value added courses has been included to cater the need of the society with the objective to provide employability – 10.

- ❖ Internships for PG students have been made mandatory. Total number of students who completed field projects / internships / student projects during the year – 1998
- ❖ Structured feedback and review of the syllabus taken annually from students, alumni, faculty and employers in five point scale. Analysis report and Action taken report published in college website.
- ❖ The marks scored in the entry level assessment test have been a significant data to classify the students at the initial level. Students are classified as slow, advance and medium learners. The college has also introduced a psycho-metric test as an additional tool to assess the multiple intelligence of the students. Programmes for Advanced Learners: NPTEL/SWAYAM Local Chapter, Google and Microsoft Certifications, Internships in industry and research labs, Research oriented Project works, Finishing School, National and International Various Online Certifications. Programmes for Slow Learners: Remedial Coaching. Programmes for All Students including Medium Learners: Induction Programmes, Career Guidance and Counselling, UGC NET /JAM Coaching and Mentoring program.
- ❖ The Number of full-time teachers against sanctioned posts during the year - 172
- ❖ Number of full-time teachers with PhD – 72
- ❖ The teaching-learning pedagogy involves Experiential Learning: Educational field trips and industry visits, Student internships at institutions and industry, Drama, Art, Theatre, Radio Mist, Publication of articles and books by students and Extension activities in the college aimed service learning. Participative Learning: Interdisciplinary projects, Hands on Workshops and Laboratory experiments, Group discussions and Peer learning, Flipped method. Problem Solving Methods: Project based learning, Quizzes, Learning through games and Assignments
- ❖ In order to strengthen the modes of effective teaching, the College has well-equipped ICT infrastructure.
- ❖ Course and work allotment to members of the faculty is decided at department level meetings held before each semester begins. Based on this, the teaching plan for each course is prepared by the respective faculty in advance. HOD reviews the progress of the teaching plans from time to time.
- ❖ The College has a calendar committee which prepares the annual Academic Calendar after taking into account the plans prepared by the departments, IQAC and the office of the Controller of Examinations. The College Council monitors the adherence to the Academic Calendar from time to time.

- ❖ Faculty evaluation by the students are carried out through the college ERP per semester. Analysis report hoisted in the college website. The performance of faculty is assessed by the Principal and Manager through the evaluation by students and self-appraisal.

## **EXAMINATION AND EVALUATION SYSTEM**

- ❖ IT integration into question paper setting, Automation of examination registration, auto generation of Hall Tickets, IT integration of Internal Assessment Process, IT integration into valuation camp, Publication of Results and Mark list generation are some of the reforms that have improved the College's Examination Management efficacy through the Academic Management System of the college.
- ❖ 'QnSmarti', an exclusive software to create a question bank repository and to generate question papers automatically in a predefined pattern, has effectively been implemented. Incorporation of Outcome Based Education paradigm into the question papers has been automated using QnSmarti.
- ❖ St. Thomas College, Thrissur, has recently implemented the OutcomeBased Education (OBE) paradigm within its curriculum and syllabi. The college has adopted a multifaceted approach to communicate its Vision, Mission, POs, PSOs, and COs.
- ❖ Attainment of Programme Outcomes (PO) and Programme Specific Outcomes (PSO) are to be computed with methods and precision. Attainment of OBE is examined based on Direct and indirect methods.
- ❖ Average pass percentage is around 96.42% for PG programs and 95.28% for UG programs
- ❖ Student Satisfaction Survey (SSS) on overall institutional performance has been conducted, analysed and results published in College website.

## **RESEARCH PROMOTION AND DEVELOPMENT**

- ❖ St. Thomas College has been a research centre affiliated to University of Calicut since 1974 and currently offers PhD degrees in ten different subject areas
- ❖ The college has well defined Research Policy which comprises of 5 different policies - Research Promotion Policy; Plagiarism Check Policy, Research Ethics Policy, Research Consultancy Policy and Santhome Research Grant Policy to promote research
- ❖ Specific Offices and Bodies established to coordinate research: 1. The Dean of Research (DOR) 2. Research and Development Cell 3. Research Advisory Committees

- ❖ Major research outcome include 15 PhD degrees awarded from 10 Research Centres, 54 indexed Research articles in Scopus/Web of Science/UGC care list/other peer reviewed journals and 32 books/chapters in edited volumes/books published, 4 Patent Applications Filed and Online Course on Research Publication and Ethics was conducted.
- ❖ Total number of Citations in Scopus during the year – 473 and an h index of Scopus during the year - 9
- ❖ The amount of seed money provided by institution to its teachers for research during the year – 1.07 lakhs
- ❖ 10 departments are recognized as Research Centre of University of Calicut  
Recognized research guides – 43; Research scholars - 140
- ❖ 4 Research projects from National Medicinal Plants Board, Kerala State Biodiversity Board, DBT-KSCSTE and DST-SERB worth 53.7 lakhs during the tenure
- ❖ Workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year - 71
- ❖ The college has conducted consultancy and has mobilized fund through it during the tenure – 5.35 lakhs. Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year – 44.59 lakhs
- ❖ Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year – 8
- ❖ Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs) – 187
- ❖ Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered) - 27

## **INFRASTRUCTURE**

- ❖ St. Thomas College, Thrissur has an eco-friendly, learning friendly and inclusive Campus that spreads over 25.48 sections of land having three Academic Blocks, and a Sports Complex with a total built up area of 31113.57

SQ. M (334782.01 SQ. FT) with a proportion of 1: 102.82 SQ. FT (average 102.82 SQ per students).

❖ Classrooms:

104 lesson rooms and 10 Investigate Rooms with ICT (114 LCD projectors, 10 LED TVs and 6 interactive boards)

3 auditoriums.

6 Seminar halls and 2 Conference Halls

Fully WIFI-enabled campus with two leased lines [BSNL 20 MBPS) and TATA (100 MBPS]

❖ Laboratories:

12 Computer Labs

One Language lab

20 Physical Labs Tissue Culture Lab

Microbiology Lab

Molecular Biology Lab

Herbarium

Media Lab

Computation and Lab Equipments :

Student-computer ratio 1: 8

XRD diffractometer

Cooling Centrifuge, PCR

Gel Documentation system

Double Beam UV Spectrometer

Stereo Zoom Dissection Microscope with Software and Camera

Licensed Software packages: Tally, Microsoft, Stream Yard, SPSS, Orell,

MATLAB, PROTOOLS 8.0, Final cut pro 10.4.6 and Mixxx 2.2.2.

LMS (MOODLE)

❖ Library

Floor Zone: 41,708.55 Sq. Ft.

Total seating capacity: 408 people simultaneously

RFID security entry ways and auto footfall counter.

80 investigate cabins/cubicles for researchers and PG students.

104 ponder carrels for personal reading.

The library is fully automated using Koha 20.11, a free and open-source integrated library management system (ILMS).

❖ Well defined IT policy Ensures proper access to and usage of IT resources and prevent their misuse.

College has 4 Servers and 435 Computers for Students, 34 for office purpose and 47 Computers for Faculties. St. Thomas Academic Management System (STAMS) is the College ERP. Moodle is used as Learning Management System.

- ❖ Internet Connection with 70 MBPS Bandwidth of dedicated Leased Line. Global Naming & IP Addressing conventions are used. College has its own domain address 'stthomas'.

## **STUDENT SUPPORT AND PROGRESSION**

- ❖ Number of students benefitted by scholarships and freeships provided by the Government (1271) and Non-government (213) during the year – 1484
- ❖ Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year – 2586
- ❖ Number of outgoing students who got placement – 282; Number of outgoing students progressing to higher education – 573
- ❖ Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year – 54
- ❖ Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year – 77
- ❖ The Old Students Association (OSA), the Alumnae Association of St. Thomas College, is a legally registered alumni association. The OSA has contributed more than 20 lakhs towards the welfare of students and alumni of the college. OSA avails 33 merit scholarships to deserving meritorious students of the college.

## **IQAC**

- ❖ A proactive IQAC organises various development programmes for teaching and non-teaching staff.
- ❖ Vision & Mission of St. Thomas College was reconstituted under the aegis of IQAC spearheaded by Management, administration and college council.
- ❖ Policy Documents were further enhanced and revised by incorporating new policies as per the requirements from the management, government, affiliating university and other statutory bodies.
- ❖ Quality audits such as gender audit and green audit was conducted



- ❖ Feedback on curriculum from the stakeholders and faculty evaluation by students were conducted, analysed and necessary action taken by IQAC
- ❖ Participation in NIRF and Data Submission for AQAR, KSHEC and AISHE was carried out
- ❖ ISO certification (ISO 9001:2015) issued on 20 November 2021 valid till 19 November 2024
- ❖ Chronicle, the college newsletter (yearly twice) and Daily Newsletter publication is commendable
- ❖ IQAC organises Student induction programs (6 days) for the first-year students and one day orientation programs for second and third year students.
- ❖ Mentor-mentee program and YES, personal counselling programs are commendable
- ❖ SCION (Student Centric Initiatives for Opportunities to Nurture) programme was initiated to build entrepreneurship and soft skills of students.
- ❖ St. Thomas- Centre of Advanced Research and Academic Excellence (CARE) was constituted in connection with implementation of NEP. Faculty members were provided various workshops to enable them to switch on to new curriculum of the four-year UG programme in future.

## **BEST PRACTICES**

- ❖ **Best Practice I: Santhome We-Care initiative**  
This initiative is aimed at sensitizing students to transform Society, to fight for Social Justice and to Restore Environment, and improve lives and communities.
- ❖ **Best Practice II: St Thomas Engage Empower and Lead (STEEL) Programme** which is aimed to train the students build confidence, provide opportunity and guidance

## **RECOMMENDATIONS**

- ❖ Student internships/projects is recommended to made mandatory for all students
- ❖ New generation courses should be included to cater the need of students
- ❖ New programs and faculty members can be introduced
- ❖ Faculty members should be encouraged to secure PhD
- ❖ Continuous evaluation pattern should be strengthened
- ❖ Research output and quality of publications should be improved

- ❖ Industry academia collaboration should be promoted
- ❖ Industry exposure / collaborations should be more effective
- ❖ More social outreach programmes should be encouraged.
- ❖ Utilize Alumni network for institutional development, placement and research
- ❖ International collaborations, student exchange and twining programmes, with foreign universities should be encouraged
- ❖ Facilitate interstate and international student enrollment
- ❖ Hostels facilities for girls and boys should be increased

Date:15-01-2024

Place: Thrissur



Dr. Anil George K.

Vice Principal



Dr. Divya George

IQAC Coordinator



Dr. Geethu Elizabeth Thomas

AAA Convenor

# **Administrative and Academic Audit (AAA)**

## **DEPARTMENT OF BOTANY**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 26<sup>th</sup> September 2023.

The team consisted of:

- Dr. Binoy C. F., Dean of Science
- Dr. Jiju A. Mathew, Dean of Planning and Affairs

### **About the Department:**

The Department of Botany started with the introduction of first batch of Natural Science in the Intermediate, in 1951. The department has been offering undergraduate programme since 1958 and the Post graduate programme since 1968. The department was elevated to the status of Research Centre of University of Calicut since 2014. There are 7 faculty members all with PhD.

### **Commendations:**

- OBE based question paper setting has been initiated
- The department offers 2 value added courses-  
Certificate Course in Horticulture  
Certificate Course in Plant Tissue Culture
- Internships have been initiated; 28 students completed internships
- Lesson plan is prepared by all the faculty members.
- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 3-4 hrs. per semester.
- The teaching-learning pedagogy involves experiential learning such as project, seminars, field visits, quizzes, industrial visits and assignments.
- ICT enable teaching pedagogy followed
- All registers updated and PTA meetings, department council and staff meetings are conducted regularly

- Research output impressive with 7 Scopus indexed and Springer publications and 1 book chapter with ISBN
- 15 research scholars pursuing PhD under 6 research guides and 4 PhDs awarded
- The faculty are competent with 8 publications, 1 patent applied and 1 award (Faculty coordinator of Swachhta activities for green activity on campus by Mahatma Gandhi National Council for Rural Education)
- The faculty are attending professional development programs regularly
- Faculty are members in academic and professional bodies
- Students are participating and excelling in sports and cultural events.
- Pass percentage for UG and PG programs (UG-97%; PG-92%) good
- Student progression is good with 3 placed and 31 pursuing higher studies
- 17 Seminars/Workshops and 7 extension activities conducted which is commendable
- Collaborative activities have been initiated with 2 MoUs
- Consultancy services have been initiated with Rs. 3500 received as revenue
- Outreach programs are conducted by the department regularly
- Seminar series “Species –The passion” conducted annually is a best practise followed by the department encouraging budding taxonomists to present their new taxa to the scientific community

#### **Recommendations:**

- Video lectures by faculty and students should be promoted
- Research output in the form of books should be improved
- Grants and funding for the department needs to be scaled up
- Make efforts to increase the number of students passing JAM/UGC-CSIR /GATE.
- Strengthen the collaborative activities through more MoUs and linkages
- Conduct events to increase peer perception and attract potential students
- Increase consultancy activities mainly training programmes to generate funds may be initiated

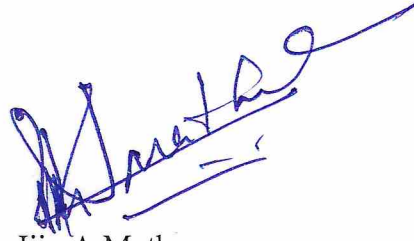
- Alumni contribution in academics should be encouraged
- Academic and Industry linkage should be encouraged



Dr. Binoy C. F.

**Dr. C. F. BINOY, Ph.D.**  
Dean of Science

Associate Professor & Head  
Research & Postgraduate Department of Zoology  
St. Thomas' College, Thrissur - 680 001, Kerala  
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Dr. Jiju A Mathew

**Dr. JIJU A. MATHEW**  
Associate Professor & Research Guide  
Department of Computer Science  
St. Thomas College (Autonomous), Thrissur

# Administrative and Academic Audit (AAA)

## DEPARTMENT OF CHEMISTRY

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 25<sup>th</sup> September 2023.

The team consisted of:

- Dr. Anil George K, Vice Principal
- Dr. Biju John M.

### About the Department:

The Department of Chemistry started with the introduction of undergraduate program in 1957. The department has been offering the Post graduate program since 1961. The department was elevated to the status of Research Centre of University of Calicut since 1978. There are 100 faculty members of which 80 has PhD.

### Commendations:

- OBE based question paper setting has been initiated
- Courses having focus on employability and skill development have been incorporated.
- Internships have been initiated; 20 students completed internships
- Lesson plan is prepared by all the faculty members.
- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 3-4 hrs. per semester.
- The teaching-learning pedagogy involves experiential learning such as project, seminars, quizzes, industrial visits, assignment and group discussions.
- ICT enable teaching pedagogy followed
- All registers updated and PTA meetings, department council and staff meetings are conducted regularly

- Research output impressive with 7 Scopus/Web of Science indexed with high impact factor
- 14 research scholars pursuing PhD under 6 research guides and 3 PhDs awarded
- Patent applied by Dr. Joseph Joly Indian Patent "CONVERTIBLE CRYSTAL STRUCTURE MODEL" is commendable
- The faculty are attending professional development programs regularly
- Faculty are members in academic and professional bodies
- Pass percentage is good for UG and PG (UG- 89%; PG- 100%)
- Students are participating and excelling in sports and cultural events.
- Student progression is good with 8 placed and 31 pursuing higher studies
- 12 events conducted which is commendable
- 2 International Research Seminar conducted which is commendable.
- Collaborative activities have been initiated with 1 MoUs and 2 linkages
- Consultancy services have been initiated with Rs. 15000 received as revenue
- Outreach programs are conducted by the department regularly

### **Recommendations:**

- Video lectures or chemistry experiment videos by faculty and students should be promoted
- Value added course only conducted for UG. New course should be initiated for PG students also.
- Research output in the form of books should be improved
- Internships need to be promoted especially for PG students
- Grants and funding for the department needs to be scaled up

- Make efforts to increase the number of students passing JAM/UGC-CSIR /GATE.
- More focus to be given for advanced learners. Activities like NET coaching, JAM coaching and guidance for competitive examinations may be executed
- Efforts may be taken to convert PG project works into paper publications
- Industrial collaborations shall be further enhanced. International Research collaborations should be strengthened.
- Strengthen the collaborative activities through more MoUs and linkages
- Conduct events to increase peer perception and attract potential students
- Increase consultancy activities mainly training programmes to generate funds may be initiated
- Alumni contribution in academics should be encouraged
- Academic and Industry linkage should be encouraged



Dr. Anil George K



Dr. Biju John M.

**DR. FR. ANIL GEORGE KONKOTH CMI**  
VICE PRINCIPAL & ASSISTANT PROFESSOR  
DEPARTMENT OF COMPUTER SCIENCE  
ST. THOMAS COLLEGE (AUTONOMOUS), THRISSUR-1

**Prof. (Dr.) BIJU JOHN M. MCom, MBA, PhD**  
Professor and Dean  
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# **Administrative and Academic Audit (AAA)**

## **DEPARTMENT OF COMMERCE**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 26<sup>th</sup> September 2023.

The team consisted of:

- Dr. Anil George K, Vice Principal
- Dr. Biju John M.

### **About the Department:**

The Department of Commerce started in 1957 with undergraduate program. The Post graduate program started in 1968. The department was elevated to the status of Research Centre of University of Calicut since 2013. There are 11 faculty members of which 4 has PhD.

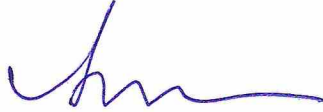
### **Commendations:**

- OBE based question paper setting has been initiated
- Courses having focus on employability and skill development have been incorporated.
- The department offers 1 value added course-Certificate Programme in ACCA
- Internships have been initiated; 40 students completed internships
- Lesson plan is prepared by all the faculty members.
- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 3-4 hrs. per semester.
- The teaching-learning pedagogy involves experiential learning such as project, seminars, quizzes, industrial visits, assignment and group discussions.
- ICT enable teaching pedagogy followed
- All registers updated and PTA meetings, department council and staff meetings are conducted regularly
- Research output with 6 journal publications of which 2 are in UGC Care list
- 11 research scholars pursuing PhD under 4 research guides and 2 PhDs awarded

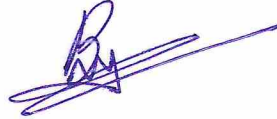
- The faculty are attending professional development programs regularly
- Faculty are members in academic and professional bodies
- Students are participating and excelling in sports and cultural events.
- Student progression is good with 58 placed and 73 pursuing higher studies
- 'Tourofest' in association with DTTC conducted annually is commendable
- Entrepreneurial activities are commendable

**Recommendations:**

- Value added course attended only by 6 students. More courses should be introduced.
- Video lectures by faculty and students should be promoted
- Research output should be improved
- Grants and funding for the department needs to be scaled up
- Make efforts to increase the number of students passing competitive examinations
- Strengthen the collaborative activities through more MoUs and linkages. Collaborations with industry/organisations/eminent institutions should be initiated
- Conduct events to increase peer perception and attract potential students
- Consultancy activities mainly training programmes to generate funds may be initiated
- Advanced Learners initiatives can be started
- Research initiatives may be enhanced-Projects, Publications, Consultancies and Collaborations
- The department should conduct more training/workshops to students
- Seminars and conferences should be conducted regularly
- Alumni contribution in academics should be encouraged
- Academic and Industry linkage should be encouraged



Dr. Anil George K



Dr. Biju John M.

**DR. FR. ANIL GEORGE KONKOTH CMI**  
**VICE PRINCIPAL & ASSISTANT PROFESSOR**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ST. THOMAS COLLEGE (AUTONOMOUS), THRISSUR-1**

**Prof. (Dr.) BIJU JOHN M. MCom, MBA, PhD**  
**Professor and Dean**  
**Dept. of Commerce**  
**St. Thomas College Autonomous**  
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**9447448568 drbijujohnm@gmail.com**

# **Administrative and Academic Audit (AAA)**

## **DEPARTMENT OF COMMERCE (SF)**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 26<sup>th</sup> September 2023.

The team consisted of:

- Dr. Sr. Alphonsa Mathew, Vice Principal
- Dr. Saju M. I

### **About the Department:**

The self-Financing Department of Commerce was started on June 15<sup>th</sup>, 2013. It aims to nurture Commerce Professionals with a high level of knowledge and competence to effectively contribute to the society with commitment and integrity. The department started three-year regular B.Com program with Finance in 2013 and three-year regular B.Com program with Taxation in 2020. There are 8 faculty members one with PhD.

### **Commendations:**

- OBE based curriculum in which PSO and CO is included
- OBE based question bank has been initiated
- Courses having focus on employability and skill development have been incorporated.
- The department offers 1 value added course-  
Certificate Programme in Capital Market Investments
- Lesson plan is prepared by all the faculty members.
- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 3-4 hrs. per semester. The teaching-learning pedagogy involves experiential learning such as project, industrial visit, assignment and group discussions.
- Internships have been initiated; 82 students completed internships/industrial visit/field project
- ICT enable teaching pedagogy followed

- All registers updated and PTA meetings, department council and staff meetings are conducted regularly
- Pass percentage of B.Com Finance (95.5%) commendable
- Student progression is good with 12 placed and 51 pursuing higher studies

**Recommendations:**

- Video lectures by faculty and students should be promoted
- Pass percentage of B.Com Taxation (76%) should be improved
- Strengthen the collaborative activities through more MoUs and linkages
- The faculty should be encouraged to attend professional development programs regularly
- Training should be provided to students to secure jobs and to pass competitive examinations
- Department must organize more training programs to equip students
- Consultancy and extension activities should be initiated

Dr. Sr. Alphonsa Mathew



Dr. Saju M. I

**Dr. SAJU M. I.**  
**Associate Professor & Research Guide**  
**Department of Mathematics**  
**St. Thomas College (Autonomous)**  
**Thrissur - 680 001**

# **Administrative and Academic Audit (AAA)**

## **DEPARTMENT OF COMPUTER SCIENCE**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 25<sup>th</sup> September 2023.

The team consisted of:

- Dr. Binoy C. F., Dean of Science
- Dr. Jiju A. Mathew, Dean of Planning and Affairs

### **About the Department:**

The Department of Computer Science started with the introduction of an undergraduate program in 2001. The department has been offering Post graduate program since 2004. There are 9 faculty members of which 4 has PhD.

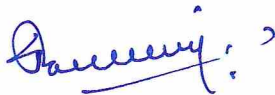
### **Commendations:**

- OBE based question paper setting has been initiated
- The department offers 2 value added courses-  
Certificate Programme in MATLAB
- Internships have been initiated; 39 students completed industrial visits/internships
- Lesson plan is prepared by all the faculty members.
- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 3-4 hrs. per semester.
- The teaching-learning pedagogy involves experiential learning such as project, seminars, field visits, quizzes, industrial visits and assignments.
- ICT enable teaching pedagogy followed
- All registers updated and PTA meetings, department council and staff meetings are conducted regularly
- Research output impressive with 5 Scopus indexed and 1 book chapter published
- 3 research scholars pursuing PhD under 2 research guides
- The faculty are attending professional development programs regularly
- Faculty are members in academic and professional bodies

- Students are participating and excelling in sports and cultural events.
- Pass percentage for M.Sc Computer Science (92%) good
- Student progression is good with 26 placed and 12 pursuing higher studies
- 2 Seminars/Workshops and 3 extension activities conducted
- Collaborative activities with Board of studies in Computer science/Application, University of Calicut which culminated in online internships (20) is commendable

**Recommendations:**

- Video lectures by faculty and students should be promoted
- Research output in the form of books should be improved
- Grants and funding for the department needs to be scaled up
- Make efforts to increase the number of students passing JAM/UGC-CSIR /GATE.
- Pass percentage of B.Sc Computer Science (76%) needs to be improved
- Strengthen the collaborative activities through more MoUs and linkages
- Increase consultancy activities mainly training programmes to generate funds may be initiated
- Alumni contribution in academics should be encouraged
- Academic and Industry linkage should be encouraged



Dr. Binoy C. F.



Dr. Jiju A Mathew

**Dr. C. F. BINOY, Ph.D.**  
 Dean of Science  
 Associate Professor & Head  
 Research & Postgraduate Department of Zoology  
 St. Thomas' College, Thrissur - 680 001, Kerala  
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**Dr. JIJU A. MATHEW**  
 Associate Professor & Research Guide  
 Department of Computer Science  
 St. Thomas College (Autonomous), Thrissur

# **Administrative and Academic Audit (AAA)**

## **DEPARTMENT OF COMPUTER APPLICATION**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 25<sup>th</sup> September 2023.

The team consisted of:

- Dr. Sr. Alphonsa Mathew, Vice Principal
- Dr. Saju M. I

### **About the Department:**

The Department of Computer Application started with the introduction of an undergraduate program in 2001. The department has been offering Post graduate program since 2004. There are 7 faculty members.

### **Commendations:**

- OBE based curriculum in which PSO and CO is included
- OBE based question bank has been initiated
- Courses having focus on employability and skill development have been incorporated.
- The department offers 2 value added course-  
OFFICE AUTOMATION TOOLS  
PYTHON PROGRAMMING
- Lesson plan is prepared by all the faculty members.
- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 3-4 hrs. per semester. The teaching-learning pedagogy involves experiential learning such as project, industrial visit, assignment and group discussions
- Internships have been initiated; 9 students completed internships
- ICT enable teaching pedagogy followed
- 7 Book chapters published
- Professional development programs are attended by faculty




- All registers updated and PTA meetings, department council and staff meetings are conducted regularly
- Pass percentage of BCA (96.42%) and M.Sc Computer Science (88.88%) commendable
- Students participated and excel in National cultural events
- Student progression is good with 17 placed and 7 pursuing higher studies

**Recommendations:**

- Video lectures by faculty and students should be promoted
- The faculty should be encouraged to attend professional development programs regularly
- Training should be provided to students to secure jobs and to pass competitive examinations
- Department must organize more training programs to equip students
- Collaborative initiatives should be started
- Consultancy services to be initiated and developed
- Department to improve on its extension activities and highlight its distinctiveness

Dr. Sr. Alphonsa Mathew

  
Dr. Saju M. I.  
**Dr. SAJU M. I.**  
Associate Professor & Research Guide  
Department of Mathematics  
St. Thomas College (Autonomous)  
Tiruvallur - 600 001

## **Administrative and Academic Audit (AAA)**

### **DEPARTMENT OF CRIMINOLOGY AND POLICE SCIENCE**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 28<sup>th</sup> September 2023.

The team consisted of:

- Dr. Sr. Alphonsa Mathew, Vice Principal
- Dr. Saju M. I

#### **About the Department:**

The department of Criminology and Police Science started, first of its kind in the entire state, was established in July 2019. The department offers a three-year Bachelor of Arts in Criminology and Police Science program with the aim of mentoring young minds about the impact of crime on society. There are 4 faculty members.

#### **Commendations:**

- OBE based curriculum in which PSO and CO is included
- OBE based question bank has been initiated
- Courses having focus on employability and skill development have been incorporated.
- Lesson plan is prepared by all the faculty members.
- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 3-4 hrs. per semester.
- The teaching-learning pedagogy involves experiential learning such as Crime scene simulations, moot court, role play, project, seminars, industrial visits, assignment and group discussions.
- PTA meetings, department council and staff meetings are conducted regularly
- Students are participating and excelling in sports and cultural events.
- Good pass percentage (86.25%)

- Student progression is good with 3 placed and 25 pursuing higher studies
- Activities done through collaboration with Law and Justice Research Foundations and Kerala Police Academy is commendable
- 4 events conducted

#### **Recommendations:**

- The faculty should be encouraged to attend professional development programs regularly
- Value added courses should be introduced
- Video lectures and online resources to be developed
- Publications in journals or books should be given more importance
- Internships/training to students should be strengthened
- Make efforts to increase the number of students passing IELTS/JAM/UGC-CSIR /GATE.
- Student's involvement in extension activities could be strengthened.
- More MoUs or linkages should be promoted
- Consultancy services to be initiated and developed
- Department to improve on its extension activities and highlight its distinctiveness

Dr. Sr. Alphonsa Mathew



Dr. Saju M. I

Dr. SAJU M. I.  
Associate Professor & Research Guide  
Department of Mathematics  
St. Thomas College (Autonomous)  
Thrissur - 680 001

## **Administrative and Academic Audit (AAA)**

### **DEPARTMENT OF ECONOMICS**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 26<sup>th</sup> September 2023.

The team consisted of:

- Dr. Binoy C. F., Dean of Science
- Dr. Jiju A. Mathew, Dean of Planning and Affairs

#### **About the Department:**

The Department of Economics started right from the time the college was recognised as a second grade college by Madras University in the year 1919. The department has been offering undergraduate programme since 1957 and the Post graduate programme since 1965. The department was elevated to the status of Research Centre of University of Calicut since 2014. There are 6 faculty members which 1 has PhD and 3 MPhil.

#### **Commendations:**

- OBE based question paper setting has been initiated
- Courses having focus on employability and skill development have been incorporated.
- The department offers 2 value added courses-
  - Basics of Research in Social Sciences
  - Basics of Research Methodology
- Lesson plan is prepared by all the faculty members.
- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 3-4 hrs. per semester. The teaching-learning pedagogy involves experiential learning such as project, seminars, industrial visits, assignment and group discussions.
- The faculty are attending professional development programs regularly

- Faculty are members in academic and professional bodies
- Student progression is good with 4 placed and 46 pursuing higher studies

**Recommendations:**

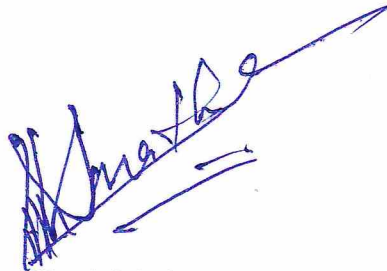
- Video lectures by faculty and students should be promoted
- Internships should be initiated
- Research output in the form of publications in journals and books should be improved.
- Grants and funding for the department needs to be scaled up
- Make efforts to increase the number of students passing competitive examinations
- Initiate collaborative activities through more MoUs and linkages
- Consultancy services to be initiated and developed
- Conduct events to increase peer perception and attract potential students
- Increase consultancy activities mainly training programmes to generate funds may be initiated
- Alumni contribution in academics should be encouraged
- Academic and Industry linkage should be encouraged



Dr. Binoy C. F.

**Dr. C. F. BINOY, Ph.D.**  
Dean of Science

Associate Professor & Head  
Research & Postgraduate Department of Zoology  
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Dr. Jiju A Mathew

**Dr. JIJU A. MATHEW**  
Associate Professor & Research Guide  
Department of Computer Science  
St. Thomas College (Autonomous), Thrissur

# Administrative and Academic Audit (AAA)

## DEPARTMENT OF ENGLISH

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 25<sup>th</sup> September 2023.

The team consisted of:

- Dr. Anil George K, Vice Principal
- Dr. Biju John M.

### About the Department:

The Department of English which came into existence with the very inception of the College in 1919. The department has been offering Post graduate programme since 1964 and a unique undergraduate programme consisting double main-English and History since 1967. The department was elevated to the status of Research Centre of University of Calicut since 1995. There are 12 faculty members of which 8 has PhD.

### Commendations:

- OBE based question paper setting has been initiated
- Courses having focus on employability and skill development have been incorporated.
- The department offers 6 value added courses-

Advanced Certificate of Proficiency in English (ACOPE)

Certificate of Proficiency in English (COPE)

German A1, A2

Portuguese A1

French A1

Spanish A1

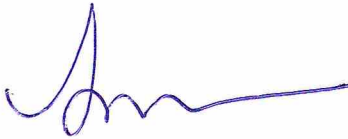
- SIIFL highly appreciated
- Internships have been initiated
- Lesson plan is prepared by all the faculty members.

- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 3-4 hrs. per semester.
- The teaching-learning pedagogy involves experiential learning such as project, seminars, quizzes, flipped classroom, assignments and group discussions.
- ICT enable teaching pedagogy followed
- All registers updated and PTA meetings, department council and staff meetings are conducted regularly
- Research output impressive with 3 journal publication and 6 books published
- 36 research scholars pursuing PhD under 10 research guides and 3 PhDs awarded
- 2 Awards achieved by faculty (Dr. Syam Sudhakar-14th Srinivas Rayaprol Poetry Prize; Dr. Anto Thomas-Fellowship, Linnaeus-Palme Foundation)
- The faculty are competent with 6 presentations/participations in seminars and acted as resource persons (19)
- ICSSR project granted
- The faculty are attending professional development programs regularly
- Faculty are members in academic and professional bodies (10)
- Students are participating and excelling in sports and cultural events.
- Student progression is good with 10 placed and 38 pursuing higher studies
- Pass percentage UG-100%, PG-100% commendable
- 16 Seminar/training program conducted. Workshop conducted for Academic writing commendable
- Collaborative activities have been initiated with 2 MoUs
- Consultancy services have been initiated

**Recommendations:**

- Video lectures by faculty and students should be promoted
- Student Internships should be promoted. Internships to be mandated for PG students and advanced learners of UG
- Grants and funding for the department needs to be scaled up
- Make efforts to increase the number of students passing competitive examinations.

- Remedial classes for slow learners should be strengthened
- Strengthen the collaborative activities through more MoUs and linkages
- Conduct events to increase peer perception and attract potential students
- Visits and collaborations with Media and publishing houses to be promoted
- Increase consultancy activities mainly training programmes to generate funds may be initiated
- Alumni contribution in academics should be encouraged
- Academic and Industry linkage should be encouraged
- Extension activities should be strengthened



Dr. Anil George K



Dr. Biju John M.

**DR. FR. ANIL GEORGE KONKOTH CMI**  
**VICE PRINCIPAL & ASSISTANT PROFESSOR**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**ST. THOMAS COLLEGE (AUTONOMOUS), THRISSUR-1**

**DR. (DR.) BIJU JOHN M. MCom, MBA, PhD**  
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Thrissur



# **Administrative and Academic Audit (AAA)**

## **DEPARTMENT OF ENGLISH (SF)**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 26<sup>th</sup> September 2023.

The team consisted of:

- Dr. Sr. Alphonsa Mathew, Vice Principal
- Dr. Saju M. I

### **About the Department:**

The Department of English, came into existence with the very inception of the self-financing section of St. Thomas College (Autonomous) in June 2007. It began to offer UG programme in English Language and Literature from 2020-21 onwards. There are 10 faculty members.

### **Commendations:**

- OBE based curriculum in which PSO and CO is included
- OBE based question bank has been initiated
- Courses having focus on employability and skill development have been incorporated.
- The department offers 1 value added course-  
English for Communication
- Lesson plan is prepared by all the faculty members.
- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 3-4 hrs. per semester. The teaching-learning pedagogy involves experiential learning such as roject, industrial visit, assignment and group discussions.
- ICT enable teaching pedagogy followed
- All registers updated and PTA meetings, department council and staff meetings are conducted regularly

### **Recommendations:**

- Video lectures by faculty and students should be promoted
- Internships should be initiated
- Strengthen the collaborative activities through more MoUs and linkages
- The faculty should be encouraged to attend professional development programs regularly
- Training should be provided to students to secure jobs and to pass competitive examinations
- Evaluation methods can include more components
- Department must organize more training programs to equip students
- Consultancy and extension activities should be initiated

Dr. Sr. Alphonsa Mathew



Dr. Saju M. I

**Dr. SAJU M. I.**  
Associate Professor & Research Guide  
Department of Mathematics  
St. Thomas College (Autonomous)  
Thirissur - 680 001

# **Administrative and Academic Audit (AAA)**

## **DEPARTMENT OF MANAGEMENT STUDIES**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 28<sup>th</sup> September 2023.

The team consisted of:

- Dr. Anil George K, Vice Principal
- Dr. Biju John M.

### **About the Department:**

The Department of Management studies started in 2013. The department is offering Bachelor in Business Administration. There are 4 faculty members.

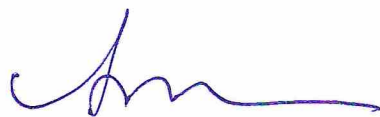
### **Commendations:**

- OBE based curriculum in which PSO and CO is included
- OBE based question bank has been initiated
- Courses having focus on employability and skill development have been incorporated.
- Value added course offered by the department
  - CAPITAL MARKET INVESTMENT
- 51 students completed internships from various institutions
- Lesson plan is prepared by all the faculty members.
- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 4-6 hrs. per semester.
- Pass percentage is good (94%)
- The teaching-learning pedagogy involves experiential learning such as project, industrial visit, assignment and group discussions.
- 3 Faculty members are pursuing PhD

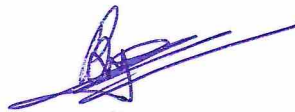
- Online resources by the faculty have been developed
- PTA meetings, department council and staff meetings are conducted regularly
- Students are participating sports and cultural competitions.
- Student progression is good with 10 students placed and 41 student pursuing higher studies
- Events organised 4 seminars/trainings and 4 extension activities
- Collaborative activities have been initiated with 3 MoUs
- MoU with Amala Institute of Medical Sciences (AIMS) for conducting outreach programs such as hair donation camps in the name 'Kesaprayan'

### **Recommendations:**

- The faculty should be encouraged to attend professional development programs regularly
- Training should be provided to students to secure jobs and to pass competitive examinations
- Evaluation methods can include more components
- Department must organize more training programs to equip students
- Grants and funding for the department needs to be scaled up
- Add latest books in the library and standard journals need to be subscribed
- Consultancy and extension activities should be strengthened
- Department to improve on its extension activities and highlight its distinctiveness



Dr. Anil George K



Dr. Biju John M.

**R. FR. ANIL GEORGE KONKOTH**  
**VICE PRINCIPAL & ASSISTANT PROFESSOR**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**THOMAS COLLEGE (AUTONOMOUS), THRISSUR**

**Prof. (Dr.) BIJU JOHN M. MCom, MBA, Ph.D**  
**Professor and Dean**  
**Dept. of Commerce**  
**St. Thomas College Autonomous**  
**Thrissur, Kerala - 680001**  
**9447448568 drbijjohnm@gmail.com**

## **Administrative and Academic Audit (AAA)**

### **DEPARTMENT OF PHYSICS**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 26<sup>th</sup> September 2023.

The team consisted of:

- Dr. Anil George K, Vice Principal
- Dr. Biju John M.

#### **About the Department:**

Department of Physics was started in 1922 within three years of the establishment of the College. The department has been offering undergraduate programme since 1951 and the Post graduate programme since 1961. The department was elevated to the status of Research Centre of University of Calicut since 2016. There are 10 faculty members of which 8 has PhD and one M.Phil.

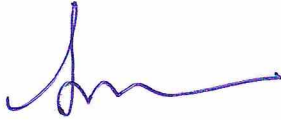
#### **Commendations:**

- OBE based question paper setting has been initiated
- Courses having focus on employability and skill development have been incorporated.
- Lesson plan is prepared by all the faculty members.
- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 3-4 hrs. per semester.
- The teaching-learning pedagogy involves experiential learning such as project, seminars, quizzes, industrial visits, assignment and group discussions.
- ICT enable teaching pedagogy followed
- Department council and staff meetings are conducted regularly. PTA meetings to be organised once a semester for every batch
- 3 articles published in Scopus indexed journals and 1 book with ISBN number
- 6 Research guides and 10 research scholars

- The faculty are competent with 14 presentations/participations in seminars and acted as resource persons (5)
- The faculty are attending professional development programs regularly
- Faculty are members in academic and professional bodies
- Students are participating and excelling in sports and cultural events.
- Student progression is good with 10 students placed and 36 students pursuing higher studies
- Active MoUs 3 in number and collaborative activities conducted regularly
- Good number of seminar/events conducted (16)
- Endowments all distributed

**Recommendations:**

- Internships have been initiated; 3 students completed internships. Internships/Trainings should be strengthened (Internships for PG students should be mandated)
- Video lectures by faculty and students should be promoted
- Certificate course for UG not conducted
- Pass percentage need to be increased for UG and PG programs (UG-88.36%; PG-81.25%)
- Grants and funding for the department needs to be scaled up
- Research outcomes should be strengthened (6 guides and 10 research scholars) as Publications, Collaborations and Projects
- Participation in Seminars/Conferences should be improved
- Students should be encouraged and supported to crack competitive examinations like NET/GATE/JAM
- Initiatives for Advanced learning should be started
- Increase consultancy activities mainly training programmes to generate funds may be initiated
- Alumni contribution in academics should be encouraged
- Academic and Industry linkage should be encouraged



Dr. Anil George K.

**DR. FR. ANIL GEORGE KONKOTH CMI**  
**VICE PRINCIPAL & ASSISTANT PROFESSOR**  
**DEPARTMENT OF COMPUTER SCIENCE**  
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Dr. Biju John M.

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**Professor and Dean**  
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**9447448568 drbijujohnm@gmail.com**

# **Administrative and Academic Audit (AAA)**

## **DEPARTMENT OF PSYCHOLOGY**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 29<sup>th</sup> September 2023.

The team consisted of:

- Dr. Sr. Alphonsa Mathew, Vice Principal
- Dr. Saju M. I

### **About the Department:**

The Department of Psychology started with the introduction of 5 year M.Sc Integrated Psychology programme in 2020. There are 3 faculty members all holding PhD.

### **Commendations:**

- OBE based curriculum in which PSO and CO is included
- OBE based question bank has been initiated
- Courses having focus on employability and skill development have been incorporated.
- 13 students completed internships from various institutions
- Lesson plan is prepared by all the faculty members.
- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 3-4 hrs. per semester.
- The teaching-learning pedagogy involves experiential learning such as project, seminars, psychological assesments, industrial visits, assignment and group discussions.
- PTA meetings, department council and staff meetings are conducted regularly
- Students are participating and excelling in sports and cultural events.
- 2 events conducted; 1 Workshop and 1 extension activity

### **Recommendations:**



- The faculty should be encouraged to attend professional development programs regularly
- Department must organize more seminars and conferences
- Video lectures and online resources to be developed
- Publications in journals or books should be given more importance
- Internships/training to students should be strengthened
- Make efforts to increase the number of students passing JAM/UGC-CSIR /GATE.
- Student's involvement in extension activities could be strengthened.
- Collaborative initiatives should be started
- Consultancy services to be initiated and developed
- Department to improve on its extension activities and highlight its distinctiveness

Dr. Sr. Alphonsa Mathew



Dr. Saju M. I

**Dr. SAJU M. I.**  
Associate Professor & Research Guide  
Department of Mathematics  
St. Thomas College (Autonomous)  
Tiruchur - 600 001

# **Administrative and Academic Audit (AAA)**

## **DEPARTMENT OF SOCIAL WORK**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 28<sup>th</sup> September 2023.

The team consisted of:

- Dr. Sr. Alphonsa Mathew, Vice Principal
- Dr. Saju M. I

### **About the Department:**

The Department of Social Work started with the introduction of an undergraduate program in 2001. The department has been offering Post graduate program since 2004. There are 5 faculty members.

### **Commendations:**

- OBE based curriculum in which PSO and CO is included
- OBE based question bank has been initiated
- Courses having focus on employability and skill development have been incorporated.
- Value added courses offered by the department
  - Working with Older Persons
  - Child Protection
- 20 students completed internships from various institutions
- Lesson plan is prepared by all the faculty members.
- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 4-6 hrs. per semester.
- Pass percentage is good (2018-19-100%; 2019-20-94.44%)
- The teaching-learning pedagogy involves experiential learning such as project, field work, community service, rural camp, assignment and group discussions.
- The faculty of the department take part in personal counselling of students

- 12 out of 20 students placed which is commendable
- The department strives in imparting practical training in various fields of Social Work
- The social extension programmes done by the students of the department is commendable.
- ASER survey conducted in association with Pratham Foundation is commendable.

**Recommendations:**

- The faculty should be encouraged to attend professional development programs regularly
- Online resources by the faculty should be developed
- Training should be provided to students to secure jobs and to pass competitive examinations
- Evaluation methods can include more components
- Department must organize more training programs to equip students
- Grants and funding for the department needs to be scaled up
- Add latest books in the library and standard journals need to be subscribed
- Consultancy and extension activities should be strengthened
- Documentation should be systematic
- Collaborative initiatives with local self-government should be strengthened

Dr. Sr. Alphonsa Mathew



Dr. Saju M. I

**Dr. SAJU M. I.**  
Associate Professor & Research Guide  
Department of Mathematics  
St. Thomas College (Autonomous)  
Thrissur - 680 001

## **Administrative and Academic Audit (AAA)**

### **DEPARTMENT OF ORIENTAL LANGUAGES**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 28<sup>th</sup> September 2023.

The team consisted of:

- Dr. Binoy C. F., Dean of Science
- Dr. Jiju A. Mathew, Dean of Planning and Affairs

#### **About the Department:**

The Department of Languages, which was formerly known as General Department, came into existence in June 2007. This department includes faculty members of Malayalam, Hindi and Sanskrit course of UG classes. There are 6 faculty members of which for have PhD.

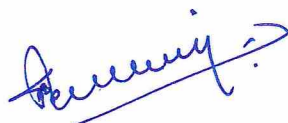
#### **Commendations:**

- OBE based curriculum in which PSO and CO is included
- OBE based question bank has been initiated
- Courses having focus on employability and skill development have been incorporated.
- Lesson plan is prepared by all the faculty members.
- Mentoring is done by the faculty for all students for about 3-4 hrs. per semester.
- The teaching-learning pedagogy involves experiential learning such as projects, assignment and group discussions.
- 11 Books/chapters with ISBN number and 2 UGC CARE list journal publications
- The faculty are attending professional development programs regularly
- Faculty are members in academic and professional bodies

- The faculty are competent with 9 presentations/participations in seminars and acted as resource persons (3)

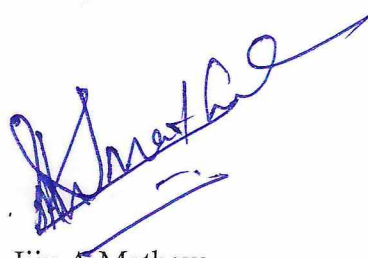
**Recommendations:**

- Video lectures by faculty and students should be promoted
- Consultancy services to be initiated and developed
- Grants and funding for the department needs to be scaled up
- Offer new courses on “Indian Knowledge Society” for the upcoming Four year undergraduate programmes
- Strengthen the collaborative activities through more MoUs and linkages
- Seminars and workshops should be conducted
- Department to improve on its extension activities and highlight its distinctiveness



Dr. Binoy C. F.

**Dr. C. F. BINOY, Ph.D.**  
Dean of Science  
Associate Professor & Head  
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St. Thomas' College, Thrissur - 680 001, Kerala  
E-mail : drcfbinoy@gmail.com



Dr. Jiju A Mathew

**Dr. JIJU A. MATHEW**  
Associate Professor & Research Guide  
Department of Computer Science  
St. Thomas College (Autonomous), Thrissur

# **Administrative and Academic Audit (AAA)**

## **DEPARTMENT OF STATISTICS**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 25<sup>th</sup> September 2023.

The team consisted of:

- Dr. Binoy C. F., Dean of Science
- Dr. Jiju A. Mathew, Dean of Planning and Affairs

### **About the Department:**

The Degree Course in B.A. Statistics was started in the year 1955 under the Dept. of Mathematics and Statistics affiliated to the University of Madras. In the year 1958 the B.A. Course was converted to three year B.Sc. course in Statistics under the University of Kerala. The Department of Statistics was established in the year 1984 and the M.Sc. course in Statistics commenced in the same year. The department was elevated to the status of Research Centre of University of Calicut since 2013. There are 8 faculty members of which 7 has PhD.

### **Commendations:**

- OBE based question paper setting has been initiated
- 48 Courses having focus on employability and skill development have been incorporated.
- The department offers 2 value added courses-
  - Statistical Computing using R
  - Statistical Computing using SPSS
- Internships have been initiated.
- Lesson plan is prepared by all the faculty members.
- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 3-4 hrs. per semester.
- The teaching-learning pedagogy involves experiential learning such as project, seminars, assignment and group discussions.

- ICT enable teaching pedagogy followed
- All registers updated and PTA meetings, department council and staff meetings are conducted regularly
- Research output impressive with 8 Scopus indexed publications and 2 book published
- 14 research scholars pursuing PhD under 5 research guides
- The faculty are competent with 18 presentations/participations in seminars and acted as resource persons (4)
- The faculty are attending professional development programs regularly
- Faculty are members in academic and professional bodies (5)
- Students are participating and excelling in sports and cultural events.
- Student progression is good with 12 placed and 15 pursuing higher studies
- 7 events conducted which is commendable (2 seminars; 1 extension activity; 4 collaborative activity)

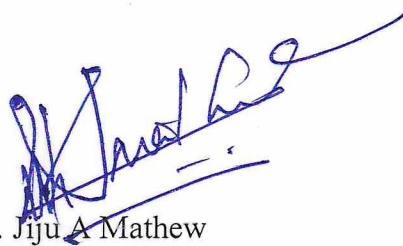
#### **Recommendations:**

- Video lectures by faculty and students should be promoted
- Pass percentage need to be increased for UG and PG programs (UG-70.37%; PG-86.66%)
- Grants and funding for the department needs to be scaled up
- Make efforts to increase the number of students passing competitive examinations.
- Strengthen the collaborative activities through more MoUs and linkages
- Conduct events to increase peer perception and attract potential students
- Increase consultancy activities mainly training programmes to generate funds may be initiated
- Alumni contribution in academics should be encouraged
- Academic and Industry linkage should be encouraged



Dr. Binoy C. F.

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Dr. Jiju A Mathew

**Dr. JIJU A. MATHEW**  
**Associate Professor & Research Guide**  
**Department of Computer Science**  
**St. Thomas College (Autonomous), Thrissur**



## **Administrative and Academic Audit (AAA)**

### **DEPARTMENT OF ZOOLOGY**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 29<sup>th</sup> September 2023.

The team consisted of:

- Dr. Anil George K, Vice Principal
- Dr. Biju John M.

#### **About the Department:**

The Department of Zoology was established in 1957. The department has been offering undergraduate programme since 1957 and the Postgraduate programme since 1969. The department was elevated to the status of Research Centre of University of Calicut since 1974. There are 9 faculty members of which 5 has PhD.

#### **Commendations:**


- OBE based question paper setting has been initiated
- Courses having focus on employability and skill development have been incorporated.
- The department offers 2 value added courses-
  - Certificate Course in Fresh water Ornamental fish culture
  - Certificate Course in Molecular Biology Laboratory Techniques
- Internships have been initiated; 56 students completed internships/field visit
- Lesson plan is prepared by all the faculty members.
- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 3-4 hrs. per semester.
- The teaching-learning pedagogy involves experiential learning such as project, seminars, quizzes, industrial visits, assignment and group discussions.  
Experiential learning conducted regularly
- Video lectures uploaded by faculty is commendable
- ICT enable teaching pedagogy followed

- All registers updated and PTA meetings, department council and staff meetings are conducted regularly
- Research output impressive with 11 Scopus/Web of Science indexed publications and 1 book chapter with ISBN published
- 14 research scholars pursuing PhD under 4 research guides and 4 PhDs awarded
- Dr. Vimala K John received 2 awards (Vanitha Ratna Puraskara by District Soil Department & Abe Raktha Dan Award by Abe Foundation Kochi)
- The faculty are attending professional development programs regularly
- Faculty are members in academic and professional bodies
- Students are participating and excelling in sports and cultural events.
- Pass percentage is good for UG and PG programs (UG-97.22%; PG-100%)
- Student progression is good with 10 placed and 28 pursuing higher studies
- 9 events conducted which is commendable; 8 workshops/training and 1 extension activity
- Collaborative activities have been initiated with 4 linkages
- Active MoUs three in number
- Consultancy services have been initiated with Rs. 9000 received as revenue

**Recommendations:**

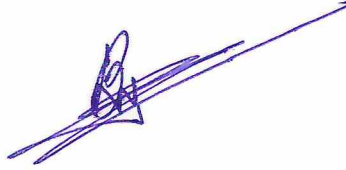
- Research output in the form of books should be improved
- Grants and funding for the department needs to be scaled up
- Make efforts to increase the number of students passing competitive examinations
- Strengthen the collaborative activities through more MoUs and linkages
- Seminar participations and presentations are to be promoted
- Workshops/Training programmes for students recommended
- Conduct events to increase peer perception and attract potential students
- Increase consultancy activities mainly training programmes to generate funds may be initiated
- Alumni contribution in academics should be encouraged

- Academic and Industry linkage should be encouraged



Dr. Anil George K

**DR. FR. ANIL GEORGE KONKOTH CMI**  
VICE PRINCIPAL & ASSISTANT PROFESSOR  
DEPARTMENT OF COMPUTER SCIENCE  
ST. THOMAS COLLEGE (AUTONOMOUS), THRISSUR-1



Dr. Biju John M.

**Prof.(Dr.) BIJU JOHN M. MCom, MBA, PhD**  
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## **Administrative and Academic Audit (AAA)**

### **DEPARTMENT OF DATA SCIENCE**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 28<sup>th</sup> September 2023.

The team consisted of:

- Dr. Anil George K, Vice Principal
- Dr. Biju John M.

#### **About the Department:**

The Department of Data Science came into existence in the year 2018 as an aided Program directly funded by UGC. The department is offering under-graduate program in Data Science. In 2021 the course was taken up by self-financing studies. There are 5 faculty members.

#### **Commendations:**

- OBE based curriculum in which PSO and CO is included
- OBE based question bank has been initiated
- Courses having focus on employability and skill development have been incorporated.
- The department offers 2 value added courses-
  - Certificate Program in AI and ML
  - Certificate Program in Python Full Stack Development
- Video lectures (82) and online resources created by faculty members is commendable
- 77 students completed internships from various institutions
- Lesson plan is prepared by all the faculty members.
- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 3-4 hrs. per semester.

- The teaching-learning pedagogy involves experiential learning such as projects, seminars, industrial visits, assignment and group discussions.
- PTA meetings, department council and staff meetings are conducted regularly
- Good pass percentage (100%)
- Student progression is good with 21 placed and 15 pursuing higher studies
- 9 Workshops/ Training Programmes conducted

**Recommendations:**

- The faculty should be encouraged to attend professional development programs regularly
- Publications in journals or books should be given more importance
- Make efforts to increase the number of students passing IELTS/JAM/UGC-CSIR /GATE.
- Student's involvement in extension activities could be strengthened.
- More MoUs or linkages should be promoted
- Consultancy services to be initiated and developed
- Department to improve on its extension activities and highlight its distinctiveness

Dr. Anil George K

Dr. Biju John M.

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## **Administrative and Academic Audit (AAA)**

### **DEPARTMENT OF FORENSIC SCIENCE**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 29<sup>th</sup> September 2023.

The team consisted of:

- Dr. Binoy C. F., Dean of Science
- Dr. Jiju A. Mathew, Dean of Planning and Affairs

#### **About the Department:**

The department of B Voc forensic science was sanctioned by UGC in the year 2018 and the course was commenced in the same year. In 2021 the course was taken up by self-financing studies. There are 5 faculty members.

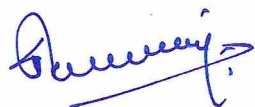
#### **Commendations:**

- OBE based curriculum in which PSO and CO is included
- OBE based question bank has been initiated
- Courses having focus on employability and skill development have been incorporated.
- 32 students completed internships from various institutions
- Lesson plan is prepared by all the faculty members.
- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 3-4 hrs. per semester.
- The teaching-learning pedagogy involves experiential learning such as Crime scene simulations, moot court, project, seminars, industrial visits, assignment and group discussions.
- PTA meetings, department council and staff meetings are conducted regularly
- Students are participating and excelling in sports and cultural events.
- Good pass percentage (90.32%)

- Student progression is good with 3 placed and 16 pursuing higher studies
- Activities done through collaboration with Kerala Police Academy is commendable
- 3 events conducted and 1 extension activity

### **Recommendations:**

- The faculty should be encouraged to attend professional development programs regularly
- Department must organize more seminars and conferences
- Value added courses should be introduced
- Video lectures and online resources to be developed
- Publications in journals or books should be given more importance
- Make efforts to increase the number of students passing IELTS/JAM/UGC-CSIR /GATE.
- Student's involvement in extension activities could be strengthened.
- More MoUs or linkages should be promoted
- Consultancy services to be initiated and developed
- Department to improve on its extension activities and highlight its distinctiveness



Dr. Binoy C. F.



Dr. Jiju A Mathew

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 Associate Professor & Research Guide  
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# **Administrative and Academic Audit (AAA)**

## **DEPARTMENT OF MEDIA STUDIES**

The Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted on 28<sup>th</sup> September 2023.

The team consisted of:

- Dr. Binoy C. F., Dean of Science
- Dr. Jiju A. Mathew, Dean of Planning and Affairs

### **About the Department:**

The department of Media Studies was established in 2008. The department has been offering Undergraduate and Postgraduate programs since 2014. There are 9 faculty members and 7 visiting faculty, one with PhD.

### **Commendations:**

- OBE based curriculum in which PSO and CO is included
- OBE based question bank has been initiated
- Courses having focus on employability and skill development have been incorporated.
- The department offers 2 value added courses-
  - Diploma in Visual Communication
  - Certificate Course in Photography
- 19 students completed internships from various institutions
- Lesson plan is prepared by all the faculty members.
- Teacher student ratio is good
- Mentoring is done by the faculty for all students for about 3-4 hrs. per semester.
- The teaching-learning pedagogy involves experiential learning such as project, documentary and short film making, Campus radio-RadioMist, seminars, industrial visits, assignment and group discussions.
- PTA meetings, department council and staff meetings are conducted regularly
- Pass percentage of PG program (100%), BA Visual Communication (100%) and BA Multimedia (100%) are good.
- The faculty are attending/presenting in seminars



- The department conducts seminars and conferences (17 events)
- 'National Documentary short film festival' is a commendable annual event conducted by Dept. Of Media Studies in association with Centre for Media Studies and International Film Festival of Thrissur.
- 'International folk film festival' conducted by Dept. of Media Studies in association with Centre for Media Studies and International Film Festival of Thrissur, Vayali and Kerala chalachitra academy is a noteworthy program.
- Anagha Jayan a faculty member was awarded the Entrepreneur Award by Govt. of Kerala which is commendable.

### Recommendations:

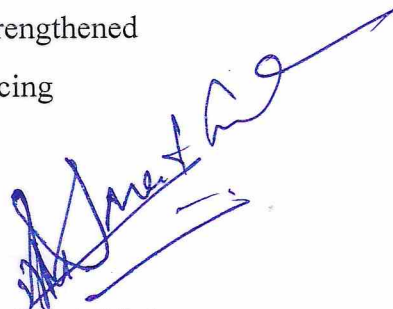
- Online resources by the faculty should be developed
- Internships/trainings to students should be strengthened
- Student progression should be improved
- Drop out should be reduced with adequate measures
- Career counselling should be given to students
- Evaluation methods can include more components
- Grants and funding for the department needs to be scaled up
- Add latest books in the library and standard journals need to be subscribed
- Collaborative initiatives should be improved
- Department to improve on its extension activities and highlight its distinctiveness
- Upgradation of the studio floor to provide portfolio services to clients
- Consultancy services should be strengthened
- Fortify Industry-Academia interfacing



Dr. Binoy C. F.

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