



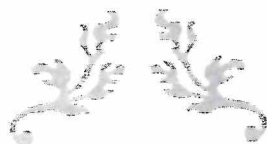
ST. THOMAS COLLEGE (AUTONOMOUS)
THRISSUR, KERALA - 680 001



NAAC 4th Cycle Accreditation

College with Potential for Excellence
NIRF Ranking 2021: 64

www.stthomas.ac.in
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ST. THOMAS COLLEGE (AUTONOMOUS), THRISSUR

ADMINISTRATIVE AND ACADEMIC REPORT



PERIOD: 2016-2018

TYPE: INTERNAL



ADMINISTRATIVE AUDIT REPORT

ST. THOMAS COLLEGE (Autonomous), THRISSUR

The Internal Administrative and Academic audit of St. Thomas College (Autonomous), Thrissur was conducted from 5-7th November 2018 for the period June 2016 to May 2018.

The team comprised of

Science departments

The Chairman : Dr. Joby Thomas K, Vice Principal
Members : Dr. Chacko V M, HoD, Department of Statistics
Dr. Anil George K, Coordinator, IQAC

Arts departments

The Chairman : Dr. Thomas Paul Kattookaran, Vice Principal
Members : Dr. Anto Thomas C, HoD, Department of English
Dr. Alphonsa Mathew, Joint Coordinator, IQAC

The audit team analysed the self-evaluative reports of each department during their visits to the departments.

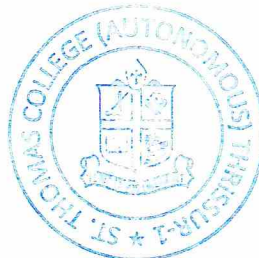
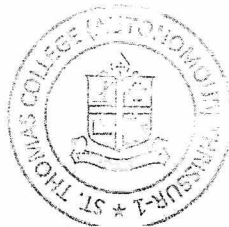
About the College

St. Thomas College was founded as an educational institution in 1889 by Rt. Rev. Adolphus Edwin Medlycott, the Vicar Apostolic of Thrissur. The 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 3.4 in 2016. Autonomy was granted in 2014.

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

The college has received CPE (College with Potential Excellence) status from UGC on April 2016

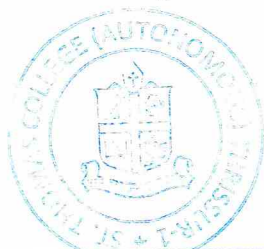
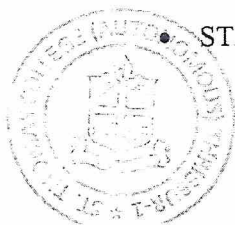


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Commendations

- The syllabus has been revised in 2016 which is in tune with the vision and mission of college.
- Courses having focus on employability and skill development have been incorporated in the curriculum.
- Value added courses to provide employability has been introduced (2016-17: 14; 2017-18: 11)
- The college conducts special programs to cater the needs of advanced and slow learners
- Feedback on curriculum taken annually from students, alumni, faculty and employers in five point scale. Analysis report and Action taken report published in college website
- The sanctioned faculty positions of aided stream are filled as per the procedures of government (111) and faculty positions of Self-financing stream are sanctioned by the management (48)
- 50 faculty members with PhD
- Examination system completely managed online. Barcode system for confidentiality.
- Average pass percentage is around 96% for PG programs and 90% for UG programs
- 9 departments are recognized as Research Centre of University of Calicut with 34 recognised guides
- 33 Research projects from UGC, DST and KSCSTE worth 67.62 lakhs during the tenure
- Seminars, workshops and training programs were conducted for the promotion of research
- The college has initiated consultancy and has mobilized fund through it during the tenure
- The college has signed 3 MoUs with Research and educational institutes
- STAMS, online Academic Management System is well maintained.



Principal

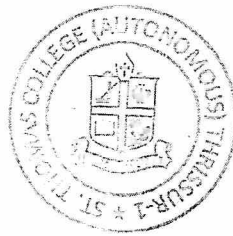
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- A proactive IQAC organises various development programmes for teaching and non-teaching staff.
- Feedback on curriculum from the stakeholders and faculty evaluation by students were conducted, analysed and necessary action taken by IQAC

Recommendations

- More need based value added course should be introduced
- Research output should be improved
- Innovation ecosystem should be developed
- Consultancy should be strengthened
- MoUs with International and National institutions should be encouraged
- ICT enabled teaching should be developed



Dr. Thomas Paul Kattookaran
Chairman

Dr. Joby Thomas K
Associate Professor

Dr. Anil George K
IQAC Coordinator



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REPORT OF INTERNAL ACADEMIC & ADMINISTRATIVE AUDIT

2016-2018

DEPARTMENT OF BOTANY

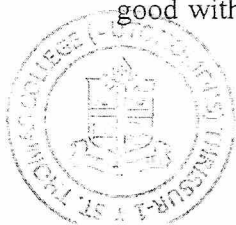
About the Department:

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 8 faculty members of which 6 has PhD.

Observations:

Curriculum is revised periodically (PG-2014; UG-2016) which is in tune with the vision and mission of college. All the faculty in the department are involved in revision of syllabi. Courses having focus on employability and skill development have been incorporated. The department offers 2 value added courses-Horticulture (UG) and Advanced pharmacognosy and phytochemistry (PG). 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 of PG program is excellent (2016-17-100%; 2017-18-90%). The teaching-learning pedagogy involves experiential learning such as project, study trips, assignment and group discussions. The faculty are competent with 19 publications, 37 presentations/participations in seminars and acted as resource persons (11). The faculty are attending professional development programs regularly. Research is actively performed in the department with 4 research guides and 10 research scholars (mostly with fellowships). Research projects funded by Government agencies are present. 1 Major and 9 Minor projects by DST, UGC and KSCSTE worth 23.25 lakhs. Students are participating and excelling in National and International sports and cultural events. 25 students cracked National level competitive examinations. Student progression is good with 14 placed and 71 pursuing higher studies. The department conducts events



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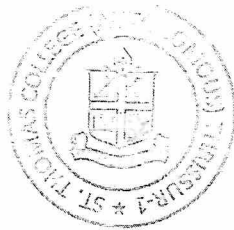
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based on environmental awareness, research and social extensions. Consultancy services has been initiated (Revenue generated-Rs. 1900). Seminar series “Species – The passion” conducted regularly is a best practise

Recommendations:

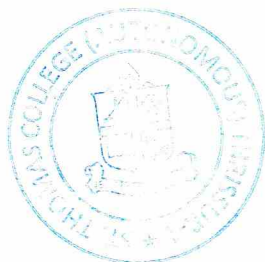
- Student diversity as well as average pass percentage (Undergraduate program 2016-17-91.67%; 2017-18-82.35%) to be improved.
- Research output to be given importance and number and quality of publications to be improved.
- Drop out should be reduced with adequate measures
- Career counselling should be given to students
- Evaluation methods can include more components
- Department must organize more seminars and conferences
- Grants and funding for the department needs to be scaled up
- Research laboratory should be improved
- Add latest books in the library and standard journals need to be subscribed
- Collaborative initiatives should be started
- Consultancy services to be improved
- Department to improve on its extension activities and highlight its distinctiveness



Dr. Joby Thomas K
Chairman

Dr. Chacko V M
HoD, Department of Statistics

Dr. Anil Georg K
IQAC Coordinator



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REPORT OF INTERNAL ACADEMIC & ADMINISTRATIVE AUDIT

2016-2018

DEPARTMENT OF CHEMISTRY

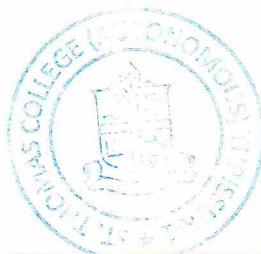
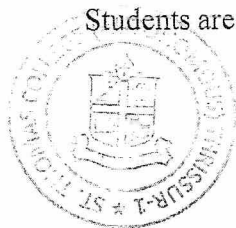
About the Department:

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 11 faculty members of which 9 has PhD.

Observations:

Curriculum is revised periodically (PG-2014; UG-2016) which is in tune with the vision and mission of college. All the faculty in the department are involved in revision of syllabi. Courses having focus on employability and skill development have been incorporated. The department offers 3 value added courses- Certificate programmes in Chemistry in everyday life & Instrumental analytical techniques; PG Diploma in Industrial Catalysis. 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 of UG (2016-17-94.44; 2017-18-97.67) and PG program (100%) are good. The teaching-learning pedagogy involves experiential learning such as project, assignment and group discussions.

The faculty are competent with 29 (paper) and 8 (book) publications, 87 presentations/participations in seminars and acting as resource persons (14). Dr. Joby Thomas K was awarded the prestigious INSA award instituted by Indian National Science Academy. The faculty are attending professional development programs regularly. Faculty members serve on academic bodies various Institutes and Universities. Research is actively performed in the department with 6 research guides and 17 research scholars (mostly with fellowships). Research projects funded by Government agencies are present. 5 Minor projects from UGC worth 19.55 lakhs. Students are participating and excelling in National and International sports and cultural




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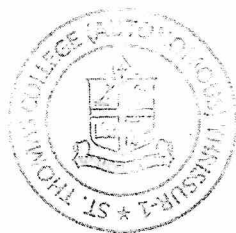
events. 9 students cracked National level competitive examinations. Student progression is good with 11 placed and 86 pursuing higher studies. Several workshops, seminars and lectures have been organized for the students each year. Consultancy is well conducted (Revenue generated-Rs. 20420).

Recommendations:

- Student diversity is to be improved.
- Research output to be given importance and number and quality of publications to be improved.
- Faculty maybe encouraged to attend more training /specialized workshops /seminars to enhance their knowledge in newer areas of chemistry.
- Career counselling should be given to students
- Evaluation methods can include more components
- Make efforts to increase the number of students passing JAM/UGC-CSIR /GATE.
- 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 started
- Department to improve on its extension activities and highlight its distinctiveness

Dr. Joby Thomas K

Chairman



Dr. Chacko V M

HoD, Department of Statistics

Dr. Anil Georg K

IQAC Coordinator



Principal

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REPORT OF INTERNAL ACADEMIC & ADMINISTRATIVE AUDIT

2016-2018

DEPARTMENT OF COMMERCE

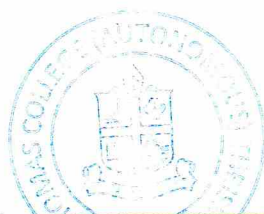
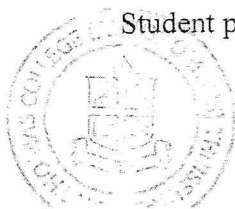
About the Department:

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 17 faculty members (16 full time; 1 visiting) of which 2 has PhD.

Observations:

Curriculum is revised periodically (PG-2014; UG-2016) which is in tune with the vision and mission of college. All the faculty in the department are involved in revision of syllabi. Courses having focus on employability and skill development have been incorporated. The department offers 2 value added courses- Tourism and Travel Management (PG) and Entrepreneurship Development Programme (UG). 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 of UG (Banking 2016-17-96.67%; 2017-18-100%; Finance 2016-17-98.28%; 2017-18-100%) and PG (2016-17-100%; 2017-18-95%) programs are excellent. The teaching-learning pedagogy involves experiential learning such as project, IV, assignment and group discussions.

The faculty are competent with 46 publications (42 journal papers; 4 edited books), 147 presentations/participations in seminars and acted as resource persons (17). The faculty are attending professional development programs regularly. Research is actively performed in the department with 2 research guides and 10 research scholars. Research projects funded by Government agencies are present. 3 minor projects from UGC worth 3.3 lakhs. Students are participating and excelling in National and International sports and cultural events. 8 students cracked National level competitive examinations. Student progression is commendable with 116 placed and 231 pursuing higher studies.



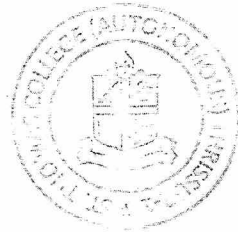
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The department conducts seminars and conferences for the students. MoU has been signed with TIME. The Department has been celebrating the World Tourism Day, 'Tourofest,' with various competitions and events.

Recommendations:

- Faculty members should be encouraged to register and complete PhD
- Research output to be given importance and quality of publications to be improved.
- 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 developed with activities
- Consultancy services to be initiated and developed
- Department to improve on its extension activities and highlight its distinctiveness. More students should be included in extension activities



Dr. Thomas Paul Kattookaran
Chairman

Dr. Anto Thomas C
Associate Professor

Dr. Alphonsa Mathew
J. Coordinator, IQAC



Principal
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REPORT OF INTERNAL ACADEMIC & ADMINISTRATIVE AUDIT

2016-2018

DEPARTMENT OF COMPUTER APPLICATION

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 6 faculty members.

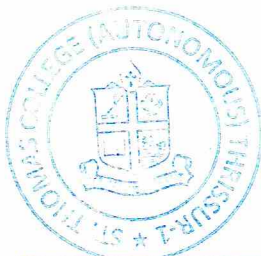
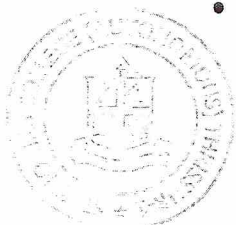
Observations:

Curriculum is revised periodically (PG-2014; UG-2016) which is in tune with the vision and mission of college. All the faculty in the department are involved in revision of syllabi. Courses having focus on employability and skill development have been incorporated. The department offers 2 value added courses- OFFICE AUTOMATION TOOLS and LATEX. 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 of PG and UG program is excellent (100%). The teaching-learning pedagogy involves experiential learning such as project, industrial visit, assignment and group discussions.

The faculty are competent with 9 publications (8 papers, 1 Book) and 13 presentations/participations in seminars. Research projects funded by Government agencies are present. One minor project from UGC worth 1.1 lakh. Students are participating and excelling in National and International sports and cultural events. Student progression is good with 19 placed and 48 pursuing higher studies. The department conducts cultural events and career counselling. A trademark programme – 'Exodus', techno-cultural fest conducted every year which includes, "Enigma" – an intercollegiate quiz competition.

Recommendations:

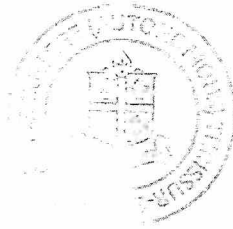
- Student diversity is to be improved.



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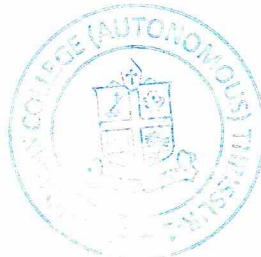
- The faculty should be encouraged to attend professional development programs regularly
- Evaluation methods can include more components
- Department must organize more seminars and conferences
- Grants and funding for the department needs to be scaled up
- Add latest books in the library and standard journals need to be subscribed
- Collaborative initiatives should be started
- Consultancy services to be initiated and developed
- Department to improve on its extension activities and highlight its distinctiveness



Dr. Joby Thomas K
Chairman

Dr. Chacko V M
HoD, Department of Statistics

Dr. Anil Georg K
IQAC Coordinator



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REPORT OF INTERNAL ACADEMIC & ADMINISTRATIVE AUDIT

2016-2018

DEPARTMENT OF COMPUTER SCIENCE

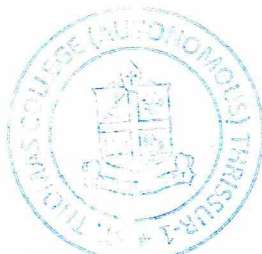
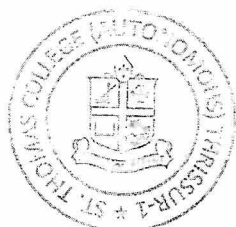
About the Department:

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 2 has PhD.

Observations:

Curriculum is revised periodically (PG-2014; UG-2016) which is in tune with the vision and mission of college. All the faculty in the department are involved in revision of syllabi. Courses having focus on employability and skill development have been incorporated. The department offers 2 value added courses- Certificate course for Software Professionals for UG and Certificate course in MATLAB for PG students. 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 of UG (2016-17-93.55%; 2017-18-96.88%) and PG (100%) programs are excellent. The teaching-learning pedagogy involves experiential learning such as project, IV, assignment and group discussions.

The faculty are competent with 11 publications, 19 presentations/participations in seminars and acted as resource persons (18). The faculty are attending professional development programs regularly. Faculty are members of Professional bodies. Research projects funded by Government agencies are present. One minor project from UGC worth 5 lakhs. Students are participating and excelling in National and International sports and cultural events. 4 students cracked National level competitive examinations. Student progression is good with 36 placed and 42 pursuing higher studies. Sufficient and good infrastructure especially with respect to computers and servers. The department conducts various events and conferences. Consultancy services has been



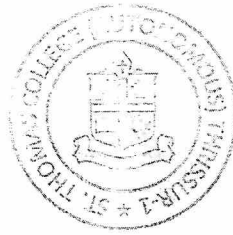
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initiated (Revenue generated-Rs. 2000). A techno-cultural festival, 'Srishti' which hosts a series of competition is conducted annually.

Recommendations:

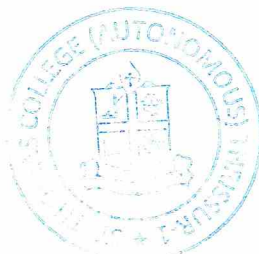
- Student diversity is to be improved.
- Research output to be given importance and number and quality of publications to be improved.
- More seminars and lectures in recent trends in computer science to be organized for students.
- Career counselling should be given to students
- Evaluation methods 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
- Faculty maybe encouraged to scale up their qualifications and pursue PhD.
- Collaborative initiatives should be improved
- Consultancy services to be initiated and developed
- Department to improve on its extension activities and highlight its distinctiveness



Dr. Joby Thomas K
Chairman

Dr. Chacko V M
HoD, Department of Statistics

Dr. Anil Georg K
IQAC Coordinator



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Thrissur - 680 001



REPORT OF INTERNAL ACADEMIC & ADMINISTRATIVE AUDIT

2016-2018

DEPARTMENT OF ECONOMICS

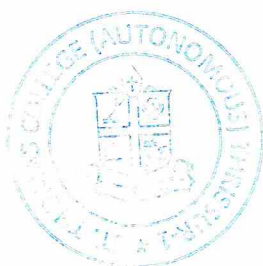
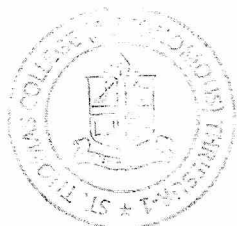
About the Department:

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 8 faculty members (Political Science-1) of which 1 has PhD and 4 MPhil.

Observations:

Curriculum is revised periodically (PG-2014; UG-2016) which is in tune with the vision and mission of college. All the faculty in the department are involved in revision of syllabi. 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 4-6 hrs. per semester. Pass percentage for PG program is good (2016-17-94.4%; 2017-18-94.7%). The teaching-learning pedagogy involves experiential learning such as project, industrial visits, assignments and group discussions.

The faculty are involved in presentations/participations in seminars (15) and as resource persons (3). The faculty are attending professional development programs regularly. Research is actively performed in the department with 2 research guides and 7 research scholars. Research projects funded by Government agencies are present. Student progression is good with 23 placed and 50 pursuing higher studies. The department conducts events such as panel discussions and seminars.

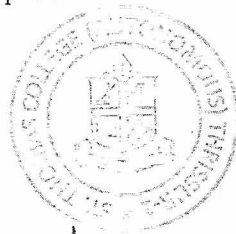


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Recommendations:

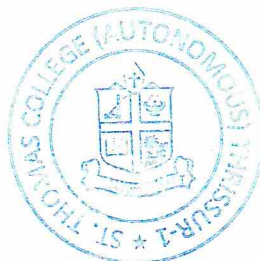
- The department may offer more value - added courses and add - on courses for imparting transferable and life skills
- Student diversity as well as average pass percentage of UG program (2016-17-83.67%; 2017-18-91.3%) to be improved.
- Faculty maybe encouraged to scale up their qualifications and pursue PhD.
- Research output to be given importance and number and quality of publications to be improved.
- Drop out should be reduced with adequate measures
- Career counselling should be given to students
- Evaluation methods can include more components
- Make efforts to increase the number of students passing JAM/UGC-CSIR /GATE.
- Department must organize more seminars and conferences
- Grants and funding for the department needs to be scaled up
- Research laboratory should be improved
- Add latest books in the library and standard journals need to be subscribed
- Collaborative initiatives should be started
- Consultancy services to be initiated and developed
- Department to improve on its extension activities and highlight its distinctiveness



Dr. Thomas Paul Kattookaran
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REPORT OF INTERNAL ACADEMIC & ADMINISTRATIVE AUDIT

2016-2018

DEPARTMENT OF ELECTRONICS

About the Department:

The Department of Electronics 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.

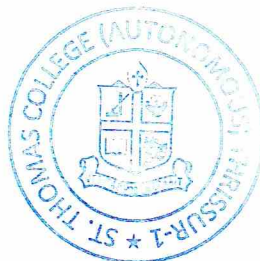
Observations:

Curriculum is revised periodically (PG-2014; UG-2016) which is in tune with the vision and mission of college. All the faculty in the department are involved in revision of syllabi. 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, industrial visit, assignment and group discussions. The faculty participates in seminars and conferences. Student progression -15 placed and 17 pursuing higher studies.

Recommendations:

- Student diversity and pass percentage of the programs (UG 2016-17-88%; 2017-18-45.16%; PG 2016-17-100%; 2017-18-83.33%) has to be improved.
- The faculty should be encouraged to attend professional development programs regularly
- Faculty should be encouraged to acquire PhD and do active research
- Evaluation methods can include more components
- Department must organize more seminars and conferences
- Grants and funding for the department needs to be scaled up



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ST. THOMAS COLLEGE (AUTONOMOUS)

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College with Potential for Excellence

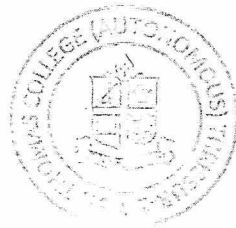
NIRF Ranking 2021: 64

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NAAC 4th Cycle Accreditation

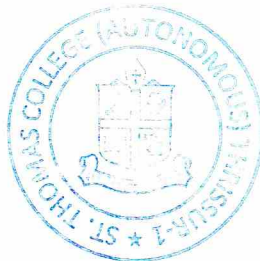
- Make efforts to increase the number of students passing JAM/UGC-CSIR /GATE.
- Student's involvement in extension activities could be strengthened.
- Add latest books in the library and standard journals need to be subscribed
- Collaborative initiatives should be started
- Consultancy services to be initiated and developed
- Department to improve on its extension activities and highlight its distinctiveness



Dr. Joby Thomas K
Chairman

Dr. Chacko V M
HoD, Department of Statistics

Dr. Anil Georg K
IQAC Coordinator



Principal
St. Thomas College (Autonomous)
Thrissur - 680 001



REPORT OF INTERNAL ACADEMIC & ADMINISTRATIVE AUDIT

2016-2018

DEPARTMENT OF ENGLISH

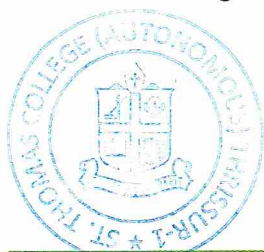
About the Department:

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 15 faculty members (English-13; History-2) of which 6 has PhD.

Observations:

Curriculum is revised periodically (PG-2014; UG-2016) which is in tune with the vision and mission of college. Special attention paid, while designing/revising & curriculum to sensitize students to issues of gender discrimination, ideals of the Indian Constitution, human rights, human values and professional ethics. All the faculty in the department are involved in revision of syllabi. Courses having focus on employability and skill development have been incorporated. The department offers 2 value added courses- Advanced Certificate Course in Professional Communication (ACCPC) (UG) and Certificate Course in English for Communication (PGCCEC) (PG). 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 of UG (2016-17-94.12%; 2017-18-90.38%) and PG (2016-17-94.12%; 2017-18-94.44%) program is excellent. The teaching-learning pedagogy involves experiential learning such as project, study trips, assignment and group discussions.

The faculty are competent with 25 publications (20 papers; 5 books), 68 presentations/participations in seminars and acted as resource persons (22). The faculty are attending professional development programs regularly. Research is actively performed in the department with 7 research guides and 24 research scholars (mostly



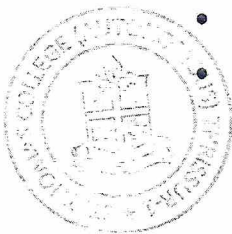
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with fellowships). 16 PhDs already awarded till date. 3 Faculties awarded National and International fellowships. Dr. Anto Thomas C secured UGC International Travel Grant to present a paper at the 23rd Biennial Congress. Dr. Raphael Joseph secured Swizz Govt's Excellence Post-Doctoral Research Fellowship for one year at Zurich University. Anu Paul got UGC-FDP to complete her PhD. Research projects funded by Government agencies are present. One minor project from UGC worth 0.7 lakh. Students are participating and excelling in National and International sports and cultural events. Student progression is good with 17 placed and 50 pursuing higher studies. The department conducts events based on research and social extensions.

Recommendations:

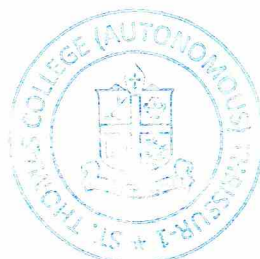
- Student diversity is to be improved.
- Research output to be given importance and number and quality of publications to be improved.
- Faculty may be encouraged to scale up their qualifications and pursue Ph.D
- Faculty empowerment strategies need to be clearly enunciated.
- Career counselling should be given to students
- Evaluation methods can include more components
- Department must organize more life skill development programs for 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
- Collaborative initiatives should be started
- Consultancy services to be initiated and developed
- Department to improve on its extension activities and highlight its distinctiveness



Dr. Thomas Paul Kattookaran
Chairman

Dr. Anto Thomas C
Associate Professor

Dr. Alphonsa Mathew
J. Coordinator, IQAC



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REPORT OF INTERNAL ACADEMIC & ADMINISTRATIVE AUDIT

2016-2018

DEPARTMENT OF MANAGEMENT STUDIES

About the Department:

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

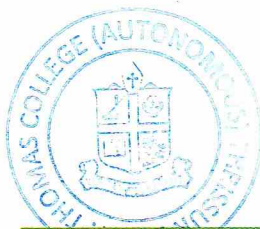
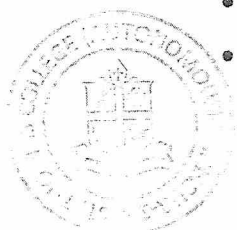
Observations:

Curriculum is revised periodically (UG-2016) which is in tune with the vision and mission of college. All the faculty in the department are involved in revision of syllabi. Courses having focus on employability and skill development have been incorporated. The department offers a value added course- Entrepreneurship Development Programme. 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 (2016-17-95.65%; 2017-18-92.62%).

The teaching-learning pedagogy involves experiential learning such as project, industrial visit, assignment and group discussions. Students are participating sports and cultural competitions. 67 student are pursuing higher studies. 'Carita calcio' is a charity football match organised by the department annually to raise fund for free dialysis for needy patients in association with Jubilee Mission Medical College.

Recommendations:

- Student diversity to be improved.
- Faculty should be encouraged to attend professional development programs
- Orientation should be given to faculty to make them equipped in research
- Career counselling should be given to students
- Evaluation methods can include more components
- Department must organize more seminars and conferences



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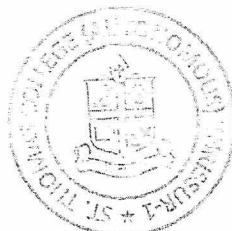
NIRF Ranking 2021: 64

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NAAC 4th Cycle Accreditation

- 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 started
- Consultancy services to be initiated\



Dr. Thomas Paul Kattookaran

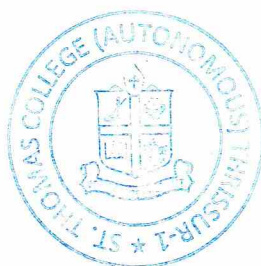
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Associate Professor

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J. Coordinator, IQAC



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REPORT OF INTERNAL ACADEMIC & ADMINISTRATIVE AUDIT

2016-2018

DEPARTMENT OF MATHEMATICS

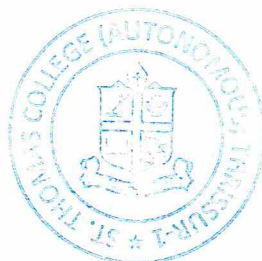
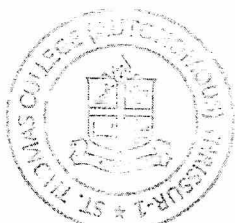
About the Department:

Department of Mathematics was started in 1926. The department has been offering undergraduate programme since 1957 and the Postgraduate programme since 1964. The department was elevated to the status of Research Centre of University of Calicut since 2015. There are 12 faculty members of which 3 has PhD.

Observations:

Curriculum is revised periodically (PG-2014; UG-2016) which is in tune with the vision and mission of college. All the faculty in the department are involved in revision of syllabi. Courses having focus on employability and skill development have been incorporated. The department offers 2 value added courses-Quantitative Aptitude for Competitive Examinations; Programming with Python. 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 3-5 hrs. per semester. The teaching-learning pedagogy involves experiential learning such as project, industrial visits, assignment and group discussions.

The faculty are competent with 9 publications, 62 presentations/participations in seminars and acted as resource persons (19). The faculty are attending professional development programs regularly. Faculty are members in academic and professional bodies. Research projects funded by Government agencies are present. A faculty (Antony John E F) received a project from UGC to launch a MOOC (9 lakhs). One minor project from UGC worth 3.5 lakhs. Students are participating and excelling in sports and cultural events. Student progression is good with 6 placed and 71 pursuing higher studies. Collaboration with Kerala Mathematical Association (KMA) is



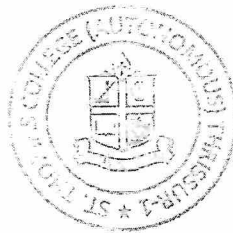
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commendable. The department conducts International Conference in association with KMA. Outreach programs are conducted by the department regularly.

Recommendations:

- Student diversity is to be improved.
- Pass percentage need to be increased (B.Sc. Mathematics Sub Statistics and Physics 2016-17-78.95%; 2017-18-73.91%; B.Sc. Mathematics Sub Statistics and Computer Science 2016-17-78.95%; 2017-18-73.91%)
- Faculty maybe encouraged to scale up their qualifications and pursue PhD.
- Research output to be given importance and number and quality of publications to be improved.
- 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
- Make efforts to increase the number of students passing JAM/UGC-CSIR /GATE.
- Collaborative initiatives should be increased
- Consultancy services to be initiated and developed



Dr. Joby Thomas K

Chairman

Dr. Chacko V M

HoD, Department of Statistics

Dr. Anil Georg K

IQAC Coordinator



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REPORT OF INTERNAL ACADEMIC & ADMINISTRATIVE AUDIT

2016-2018

DEPARTMENT OF MEDIA STUDIES

About the Department:

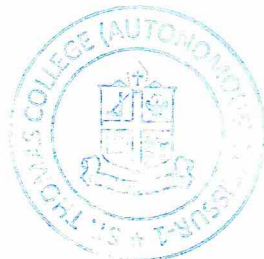
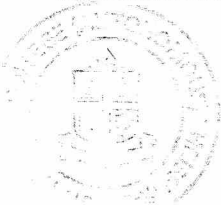
The department of Media Studies was established in 2008. The department has been offering Undergraduate and Postgraduate programs since 2014. There are 11 faculty members, one with PhD.

Observations:

Curriculum is designed in tune with the vision and mission of college. All the faculty in the department are involved in revision of syllabi. Courses having focus on employability and skill development have been incorporated. The department offers 1 value added course- Diploma in Visual 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 4-6 hrs. per semester.. Pass percentage of PG program and BA Multimedia Communication is excellent (100%).

The teaching-learning pedagogy involves experiential learning such as project, IV, assignment and group discussions. The faculty are attending/presenting in seminars (22) and acted as resource persons (3). The faculty are attending professional development programs regularly. The department has initiated consultancy services (Revenue generated-Rs. 9200). The department conducts seminars and conferences. '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.

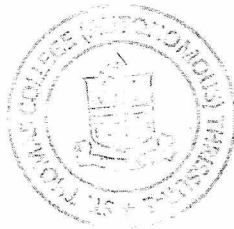
Recommendations:



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- Student diversity to be improved.
- The department should offer more Value added courses to enhance skill and employability.
- Pass percentage of BA Visual Communication (UG 2016-17-96.43% 2017-18-68%; UG 2016-17-96.43% 2017-18-68%) is to be improved
- Student progression should be improved (8 placed and 1 pursuing higher studies)
- 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



Dr. Thomas Paul Kattookaran

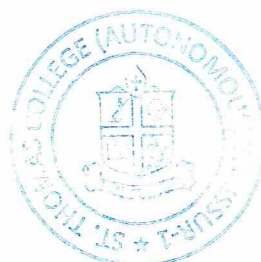
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Associate Professor

Dr. Alphonsa Mathew

J. Coordinator, IQAC



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REPORT OF INTERNAL ACADEMIC & ADMINISTRATIVE AUDIT

2016-2018

DEPARTMENT OF PHYSICS

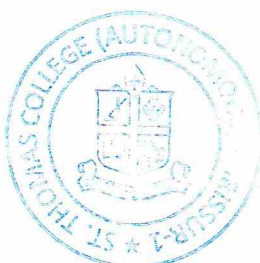
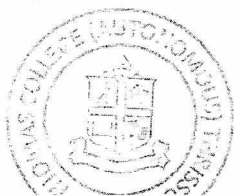
About the Department:

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 11 faculty members of which 5 has PhD.

Observations:

Curriculum is revised periodically (PG-2014; UG-2016) which is in tune with the vision and mission of college. All the faculty in the department are involved in revision of syllabi. Courses having focus on employability and skill development have been incorporated. The department offers 1 value added courses- Certificate course in Nanoscience and Technology. 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 of UG (2016-17-98.15%; 2017-18-100%) and PG (2016-17-91%; 2017-18-100%) programs are excellent. The teaching-learning pedagogy involves experiential learning such as project, industrial visits, assignment and group discussions.

The faculty are competent with 5 publications, 49 presentations/participations in seminars and acted as resource persons (15). The faculty are attending professional development programs regularly. Faculty are members in academic and professional bodies. Dr. Ann Mary K. A. has received JNCASR fellowship for research work which is commendable. Research projects funded by Government agencies are present. Students are participating and excelling in National and International sports and cultural events. 9 students cracked National level competitive examinations. Student progression is good with 9 placed and 91 pursuing higher studies. The department



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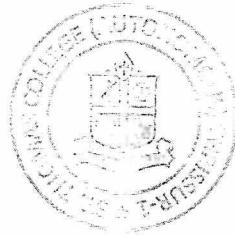


conducts programs on career counselling. 'Gravita' an exhibition conducted annually for higher secondary students is a flagship program. K S Seetharaman memorial lecture series is a commendable program conducted annually. Consultancy done by the department is commendable (Revenue generated- Rs. 20000). Extension activities like LED star making and sale is conducted.

Recommendations:

- Student diversity is to be improved.
- Value added courses with employability potential should be increased.
- Faculty maybe encouraged to scale up their qualifications and pursue PhD.
- Research output to be given importance and number and quality of publications to be improved.
- Evaluation methods can include more components
- Department must organize more seminars and conferences on emerging trends in Physics for students.
- Grants and funding for the department needs to be scaled up
- Research laboratory should be improved
- Add latest books in the library and standard journals need to be subscribed
- Collaborative initiatives should be started
- Extension activities should be strengthened

Dr. Joby Thomas K
Chairman



Dr. Chacko V M
HoD, Department of Statistics

Dr. Anil Georg K
IQAC Coordinator



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REPORT OF INTERNAL ACADEMIC & ADMINISTRATIVE AUDIT

2016-2018

DEPARTMENT OF SOCIAL WORK

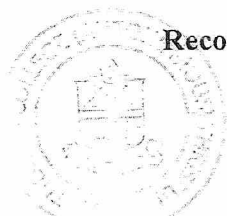
About the Department:

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 6 faculty members.

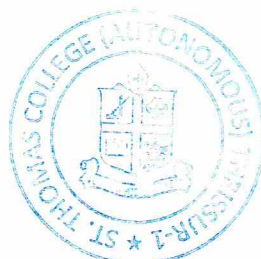
Observations:

Curriculum is revised periodically (PG-2014; UG-2016) which is in tune with the vision and mission of college. All the faculty in the department are involved in revision of syllabi. 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 4-6 hrs. per semester. Pass percentage is good (94.44%). The teaching-learning pedagogy involves experiential learning such as project, field work, community service, assignment and group discussions. Research projects funded by Government agencies are present. One minor project from UGC worth 2 lakhs.

Students are participating and excelling in National and International sports and cultural events. Student progression is good with 49 placed and 4 pursuing higher studies. The faculty of the department take part in personal counselling of students. 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. 'Karuthal' – Supportive program for tribal people, 'Bhumika' for nature conservation, 'Manjadi' for health awareness for children are few to mention



Recommendations:



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College with Potential for Excellence

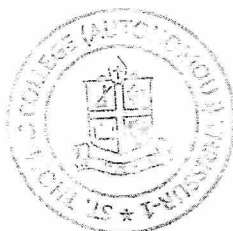
NIRF Ranking 2021: 64

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NAAC 4th Cycle Accreditation

- The department may offer more value - added courses and add - on courses for imparting transferable and life skills
- Student diversity is to be improved.
- The faculty should be encouraged to attend professional development programs regularly
- 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
- Collaborative initiatives with local self-government should be strengthened
- Consultancy services to be improved



Dr. Thomas Paul Kattookaran

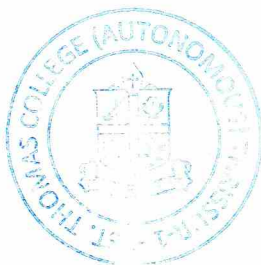
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Thrissur - 680 001



REPORT OF INTERNAL ACADEMIC & ADMINISTRATIVE AUDIT

2016-2018

DEPARTMENT OF STATISTICS

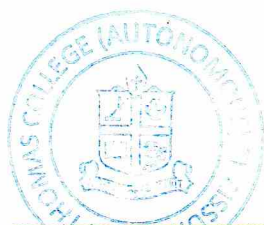
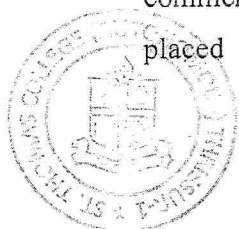
About the Department:

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 9 faculty members of which 6 has PhD.

Observations:

Curriculum is revised periodically (PG-2014; UG-2016) which is in tune with the vision and mission of college. All the faculty in the department are involved in revision of syllabi. Courses having focus on employability and skill development have been incorporated. The department offers 4 value added courses- UG Certificate Programme in Statistics; PG Certificate programme in Statistical data analysis; Certificate Programme Statistical Computing using R; Certificate Programme on Statistical Computing using SPSS. 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. The teaching-learning pedagogy involves experiential learning such as project, IV, assignment and group discussions.

The faculty are attending/presenting in seminars (51) and acted as resource persons (11). The faculty are attending professional development programs regularly. Research is actively performed in the department with 3 research guides and 4 research scholars. Research projects funded by Government agencies are present. One minor project from UGC worth 2.9 lakhs. Consultancy services carried out by the department is commendable (Revenue generated-Rs. 115000). Student progression is good with 32 placed and 22 pursuing higher studies. The department conducts seminars and



Principal

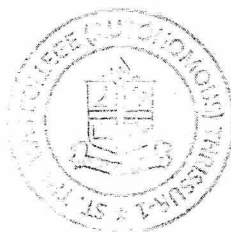
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conferences. 'Urjakiran' is a commendable program conducted regularly in association with government agencies like EMC, CED, ANERT etc. to create awareness for energy conservation among general public.

Recommendations:

- Student diversity as well as average pass percentage (UG 2016-17-86.96% 2017-18-91.49%; PG 2016-17-100% 2017-18-80%) to be improved.
- Research output to be given importance and number and quality of publications to 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
- Research laboratory should be improved
- Add latest books in the library and standard journals need to be subscribed
- Make efforts to increase the number of students passing JAM/UGC-CSIR /GATE.
- Collaborative initiatives should be started
- Department to improve on its extension activities and highlight its distinctiveness



Dr. Joby Thomas K

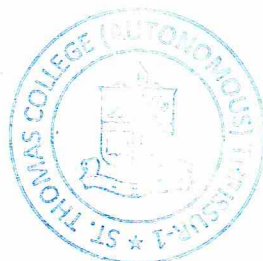
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REPORT OF INTERNAL ACADEMIC & ADMINISTRATIVE AUDIT

2016-2018

DEPARTMENT OF ZOOLOGY

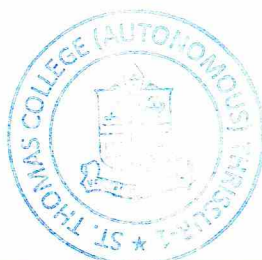
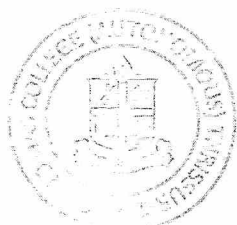
About the Department:

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 8 faculty members of which 6 has PhD.

Observations:

Curriculum is revised periodically (PG-2014; UG-2016) which is in tune with the vision and mission of college. All the faculty in the department are involved in revision of syllabi. 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. 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 of PG (100%) and UG (2016-17-93.55%; 2017-18-86.21%) programs are excellent. The teaching-learning pedagogy involves experiential learning such as project, study trips, assignment and group discussions.

The faculty are competent with 27 publications, 49 presentations/participations in seminars and acted as resource persons (10). The faculty are attending professional development programs regularly. Research is actively performed in the department with 5 research guides and 15 research scholars (mostly with fellowships). Research projects funded by Government agencies are present. 7 Minor projects by UGC and KSCSTE worth 4.51 lakhs. Students are participating and excelling in National and International sports and cultural events. 6 students cracked National level competitive examinations. Student progression is good with 9 placed and 77 pursuing higher studies. The



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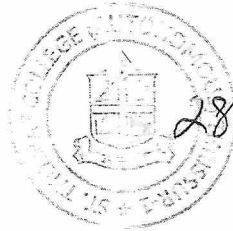


department conducts events based on environmental awareness and research programs.

Prof. P L Yesudasan Memorial Day is conducted annually.

Recommendations:

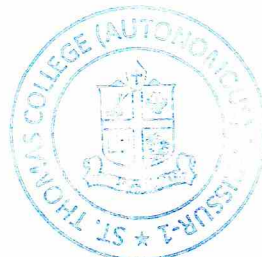
- Student diversity to be improved.
- Research output to be given importance and number and quality of publications to be improved.
- Drop out should be reduced with adequate measures
- Career counselling should be given to students
- Evaluation methods can include more components
- Department must organize more seminars and conferences
- Grants and funding for the department needs to be scaled up
- Research laboratory should be improved
- Add latest books in the library and standard journals need to be subscribed
- Collaborative initiatives should be started
- Efforts to increase the number of students passing JAM/UGC-CSIR /GATE should be strengthened..
- Consultancy services to be initiated and developed
- Department to initiate extension activities and highlight its distinctiveness



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