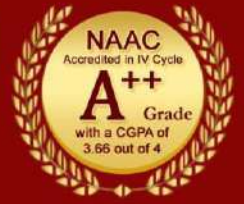


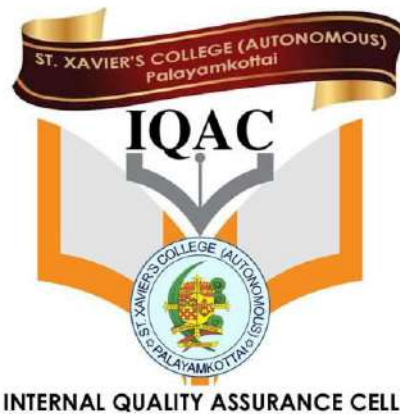


# St. Xavier's College (Autonomous)

Recognized as "College with Potential for Excellence" by UGC  
Accredited by NAAC at A<sup>++</sup> Grade with a CGPA of 3.66 out of 4 in IV Cycle  
Palayamkottai - 627 002, Tamil Nadu.



## INTERNAL QUALITY ASSURANCE CELL (IQAC)



INTERNAL QUALITY ASSURANCE CELL



## IQAC REPORT 2019-2020





**Internal Quality Assurance Cell (IQAC)**  
**St. Xavier's College (Autonomous)**  
**Palayamkottai – 627 002**  
**IQAC Report 2019-20**



**COMPOSITION**

Rev. Dr. S. Mariadoss, S.J.	Chairman
Dr. A. Lourdusamy	Director / Co-ordinator

**Administrators**

Rev. Dr. Alphonse Manickam, S.J.	Secretary
Dr. V.S. Joseph Albert	Deputy Principal
Rev. Dr. S. Arul Ravi, S.J.	Vice - Principal
Dr. P. Xavier Raj	Vice - Principal
Dr. L. Louis Jesudass	Controller of Exams
Rev. Dr. Micheal John, S.J.	Director XIBA
Dr. F.X. Robert Bellarmine	Dean of Arts
Dr. S. Paulraj	Dean of Science
Dr. G. Sahaya Anthony Xavier	Dean of Research & UGC affairs
Dr. C. Mahimai Arul Ignatius	Dean of Students
Ms. J. Remy	Dean of Women Students

**Member from the Management**

Rev. Dr. V. Henry Jerome, S.J.	Rector
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**Teachers**

Dr. S. David Appathurai	HOD of B.Com. Corporate
Dr. M.S. Selvakumar	HOD of Chemistry
Dr. S. Beschi Antony Rayan	HOD of Botany
Dr. D. Prem Anand	HOD of Physics
Dr. Lizie Williams	HOD of English
Dr. M. Baby Mariyatra	Asst. Professor of Chemistry
Dr. R. Azhagu Raj	Asst. Professor of Zoology
Mrs. R. Geetha	Asst. Professor of Computer Application

**National Service Scheme (NSS)**

Dr. J. Antony Sahaya Sophia	Programme Officer
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**Placement Cell**

Dr. V. Jeyabal	Placement Officer
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**Nominee from local society/Students/Alumni**

Thiru. A.P.C.V. Chockalingam

Secretary, V.O.C. College, Tuticorin

Ms. R. Swetha, I – M.Com.

Student

Mr. S. Rajagopal

Alumni

**Nominee from Employers**

Mr. Jesu Prabhu Das

HR Manager, Amnet Systems

**Industrialists/ Stakeholders**

Mr. Thomas A. Antony,

Nova Carbon

**Parent**

Mr. S. Jesuraj

1. The Internal Quality Assurance Cell (IQAC) conducted Orientation Programme for Administrative Staff of Shift I and Shift II on 11.06.2019.





**2.** IQAC conducted Orientation Programme on “Effective Teaching and Awareness on International Research Databases” for teachers appointed since June 2010 on 13.06.2019.

**Rev. Dr.V. Henry Jerome, S.J.**  
explained the importance of becoming an effective teacher.



**Rev.Dr. Alphonse Manickam, S.J.**  
elaborately explained the characteristics of Jesuit Education.

**Rev.Dr.A.Mariadoss,S.J.,** explained work ethics in the life of teachers. He said that transparency; accountability and credibility are the three things which are essential for an effective teacher.



**Rev. Dr Paul C.Jesuraja,S.J.** School of Human Excellence, St. Xavier’s College delivered a talk on the topic “Commitment and Contribution to the Institution”. He explained the role of a teacher for the development of students..

**Rev.Dr.V. Joseph Xavier, S.J.,**  
Administrator,  
XIBA, spoke on the topic  
“Characteristics of an effective teacher”.



**Dr.A.Tirumagal.** Librarian, Manonmaniam Sundaranar University spoke on the topic “Library Resources and International Research Data bases”. She explained the importance of using e-resources for publishing papers in reputed journals. She explained the matters related to Scopus and Web of Science Journals.



**3. IQAC conducted Orientation Programme on Preparation for NAAC Peer Team Visit for the faculty of Shift I & Shift II on 14.06.2019 & 15.06.2019.**

**Prof. Dr. S. V. Sudheer**, Director, HRDC, University of Kerala, Trivandrum, spoke on the aspects of Revised NAAC Accreditation Framework. He motivated the faculty to embark upon the noble and historic responsibility on facing the NAAC Peer Team Visit to score as much as possible keeping high in mind the interests of the college.



**Dr. V. S. Joseph Albert** , Deputy Principal, outlined practical tips towards Preparation for NAAC Peer Team Visit.

**Dr. A. Lourdusamy** , IQAC Director, elaborated upon all aspects of Documentation at Departmental Level.









1. Discussion in Departments on the Plans for 2019—2020,
2. Visit of Rector, Secretary and Principal to Departments,
3. Preparation of Files / Documents.





4. Student Feedback on Teachers for Even semester in the academic year 2018-19 was conducted through online mode from 25.03.2019 to 10.04.2019.

The feedback response was handed over to every staff member belonging to both Shift I and Shift II individually. The younger members of the staff of Shift I and all the staff members of Shift II met Rev. Fr. Secretary and Rev. Fr. Secretary instructed those staff with low score to improve their teaching learning process. Department wise Analysis of Feedback was handed over to the departments. Exit Poll from UG final year, PG final year and M.Phil. students on all aspects of their academic life in the campus was conducted through online mode from 25.03.2019 to 10.04.2019 .

5. In order to submit Annual Quality Assurance Report (AQAR) to NAAC in NAAC Portal through online, Questionnaire was distributed to all units of the college in the last week of September 2019.

6. Student Feedback on Teachers in odd semester in the academic year 2019-20 was conducted on 11<sup>th</sup> October 2019 and for Even semester in March 2020.

7. Feedback on Curricular Aspects from final year UG/PG and M.Phil students was collected in October 2019. Feedback on Curricular Aspects from Alumni, Parents, Teachers, and Employers was collected in December 2019.

The report was sent to Chairmen of Boards of Studies of all disciplines so that suitable measures could be taken and implemented.

## 8. Participation in National Institutional Ranking Framework(NIRF):

We received 74<sup>th</sup> rank in College level category for India Rankings 2019. We registered for participation in India Ranking 2020 on 8th September 2019. In December 2019, we submitted data in NIRF Portal. We received 50 th rank in INDIA RANKINGS-2020 under NIRF initiated by MHRD.



## 9. Academic and Administrative Audit (AAA)

The Internal AAA was conducted for **Service Organisations, Different Centres, Offices and all committees on 22.07.2019** and the details of in-charge staff members are given below:

S.No.	Unit	Name of the Director
1	Dean of students (Vice-Principal, Students Council & Fine Arts)	Dr. C. Mahimai Arul Ignatius Ms. J. Raxy
2	STAND & DST STAND	Rev. Dr. M. Elias, S.J. Dr.T. Leon Stephen Raj
3	Campus Ministry	Rev. Fr. M. Vincent Irudhayaraj, S.J.
4	AAVE	Rev. Fr. V. Lawrence Benadict, S.J.
5	Alumni Association	Rev. Dr. Alphonse Manickam, S.J.
6	Vincent De Paul Typing institute	Dr. J. Jeya Ani
7	Vincent De Paul Society	Dr. A. Maria Ignatius
8	Counselors	Rev. Dr. M. Elias, S.J. Rev. Dr. Paul C. Jesuraja, S.J. Dr. D. Golda Grace Duraisingh Dr. S. Alphonsa
9	Xavier Hostel	Rev. Fr. V. Lawrence Benadict, S.J.
10	Mother Teresa Women Hostel	Rev. Sr. Cicily, JMJ

11	Britto Hostel for Women	Rev. Sr. Kalaiarasi, FST
12	Centre for Women Studies Women's Forum	Mrs. B. Soundary
13	NSS	Dr. S. David Appathurai
		Dr. J. Antony Sahaya Sophia
		Ms. R. Princy
		Mr. S. Sethuramalinagam
14	NCC	Dr. Lt. S. Kanthan
15	Sports and Games	Dr. G. Peter Michael Raj
16	Centre for Ambethkar Studies	Rev. Dr. S. Arul Ravi, S.J.
17	Computer Centres & Internet Centre	Rev. Dr. S. Mariadoss, S.J.
18	Internet & College Website Committee	Dr. S. Chidambaranathan Mr. B. Veniston
19	Placement Cell	Dr. V. Jeyabal
20	AICUF	Rev. Dr. A. Ignacy, S.J.
21	Democracy Forum & Electoral Literacy Club	Dr. R. Antony Raj
22	Consumer Forum	Dr. J. Joseph Antony Raj
23	Enviro Club	Dr. J. John Peter Paul
24	Anti-Ragging Committee	Mrs. J.Rexy
25	Student's Grievance Redress Cell	Mrs. J.Rexy
26	Prevention of Sexual Harassment	Dr. S. Mary Jelastin Kala
27	YRC, BDC & RRC	Dr. S. Balamurugan
28	Veeramamunivar Tamil Sangam	Dr. V. Rilbert Janarthanam
29	QUIZ CLUB	Mrs. J. Rexy
30	Startup and Incubation Centre	Dr. S. David Appathurai



31	Industry – Academia Cell	Dr. F.X. Robert Bellarmine
32	Intellectual Property Rights (IPR) Cell	Dr. K. Sahayaraj
33	Public Relations & Documentation	Dr. S. Ravi Jesuraj
34	Students Grievance Redress Cell	
35	SC/ST Cell	

1	Controller office	Dr. L. Louis Jesudass
2	Dean of students (Vice-Principal, Students Council & Fine Arts)	Dr. C. Mahimai Arul Ignatius Ms. J. Raxy
3	LIBRARY	Dr.C. Martin Arockiasamy
4	FRRCL LIBRARY	Dr. J. Joseph Antony Raj

**10.** The Internal AAA was conducted for **Research Centres on 29.07.2019** and the details of in-charge staff members are given below:

S.No.	Research Centre	Directors
	<b>XAVIER RESEARCH FOUNDATION</b>	<b>Rev. Dr. S. Ignacimuthu, S.J.</b>
	<b>Dr. R. Mariselvam</b>	<b>Scientist</b>
1	Centre for Biodiversity and Biotechnology ( <b>CBB</b> )	<b>Rev. Dr. S. Ignacimuthu, S.J.</b>
2	Botany Research Centre	Dr. S. Beschi Antony Rayan
3	Plant Molecular Biology Research Unit ( <b>PMBRU</b> )	Dr. T. Leon Stephan Raj
4	Centre for Plant Biotechnology ( <b>CPB</b> )	Dr. M. Johnson
5	Centre for Advanced Research in Plant Sciences ( <b>CARPS</b> )	Dr. J. John Peter Paul
6	Zoology Research Centre	Dr. K. Sahayaraj
7	Crop Protection Research Centre ( <b>CPRC</b> )	Dr. K. Sahayaraj

8	Centre for Aquaculture Research and Extension <b>(CARE)</b>	Dr. M.A. Haniffa
		Dr. J. Ronald
		Dr. A. Jeyaseeli
		Dr. P. Raja
		Dr. R. Santhakumari
9	Entomology Research Unit <b>(ERU)</b>	Dr. Dunston P. Ambrose
		Dr. P. Selvaraj
		Dr. T. Pushpanathan
10	Vector Biology and Pharmacology <b>(VBP)</b>	Dr. J. Babila Jasmine
		Dr. S. Mabel Parimala
		Dr. T. Elizabeth Thangamani Sunitha
11	Chemistry Research Centre	Dr. M.S. Selvakumar
12	Physics Research Centre	Dr. D. Prem Anand
13	Materials Research Centre <b>(MRC)</b>	Dr. D. Prem Anand
14	Crystal Research Centre <b>(CRC)</b>	Dr. V. Siva Sankar
15	Computer Science Research Centre	Dr.S. John Peter
16	Mathematics Research Centre	Dr. S. Arul Raj
17	English Research Centre	Dr. Lize Williams
18	Folklore Resources and Research Centre <b>(FRRC)</b>	Dr. N. Ramachandran
19	Tamil Research Centre	Dr. R. Francis Xavier
20	National Testing Service, Regional Field Unit <b>(NTS)</b>	DR. S. J. Idhayaraja
21	Commerce Research Centre	Dr. A. Arockiadass
22	Entrepreneurial Development and Research Centre <b>(EDRC)</b>	Dr. S. David Appathurai
23	Economics Research Centre	Dr. Tharcis Albin

**11. IQAC requested the following teachers to take up Face-Lift / Construction work for Herbal Garden, Herbarium, Green House and Tissue Culture Lab in the Centre for Biodiversity and Biotechnology (CBB).**

1. Dr. T. Leon Stephan Raj (Co-ordinator)
2. Dr. M. Johnson Gritto
3. Dr. N. Maria Francis Jeffrey Bose

IQAC congratulates these teachers for doing a wonderful job for the insitution.

**12. IQAC requested the following teachers to take up Face-Lift /**

Construction work connected with STAND Programme:

- |  |                              |
|--|------------------------------|
| 1. Dr. P. Raja                         | <b>Department of Zoology</b> |
| 2. Dr. T. Pushpanathan                 | Department of Zoology        |
| 3. Dr. T. Leon Stephan Raj             | <b>Department of Botany</b>  |
| 4. Dr. A. Vinoth                       | Department of Botany         |
| 5. Dr. M. Johnson Gritto               | Department of Botany         |
| 6. Dr. A. Murugan                      | <b>Department of Tamil</b>   |
| 7. Dr. M. Murugan                      | Department of Tamil          |
| 8. Mr. S. Sahayaraj Joseph Nirmalkumar | <b>Department of Maths</b>   |

**The teachers facilitated the STAND staff in performing the following work:**

1. Training to students in vermicompost, Spirulina, Azolla and Biogas
2. Preparing STAND report in order to present it in the following three forms to NAAC Peer team.
  - (i) Power Point Slides
  - (ii) Report from 1993 in Newsletter format
  - (iii) Display of all features of Report in Exhibition Hall

IQAC congratulates these teachers for doing a wonderful job for the insitution.



### **13. Autonomous Review Commission Visit was held on 9<sup>th</sup> & 10<sup>th</sup> August 2019.**

The details of visit are given below:

#### **Chairperson:**

**Prof. B. Thimme Gowda,  
Vice Chancellor,  
Karnataka State Rural Development &  
Panchayati Raj University, Gadag, Karnataka.**



#### **Members:**

**1. Prof. Y. V. Rami Reddy,  
DRS Department of Chemistry,  
Sri Venkateshwara University, Tirupati, Andhra Pradesh.**

**2. Dr. K.B. Sharma,  
Principal  
S. S. Jain Subodh P G College  
Jaipur, Rajesthan.**

**3. Dr. C.V. Mythili,  
The Regional Joint Director of Collegiate Education,  
Tirunelveli Region.**

**4. Dr. P. Madhava Soma Sundaram,  
Professor, Department of Criminology and Criminal Justice,  
M.S. University, Tirunelveli.**

**Co-ordinating Officer:**

**Ms. Beena Menon,  
Section Officer, University Grants Commission,  
New Delhi.**



















15/10/19



विश्वविद्यालय अनुदान आयोग  
University Grants Commission

(मानव संसाधन विकास मंत्रालय, भारत सरकार)  
(Ministry of Human Resource Development, Govt. of India)

बहादुर शाह जफर मार्ग, नई दिल्ली-110002  
Bahadur Shah Zafar Marg, New Delhi-110002

दूरभाष Phone : 011-23212027  
E-mail : devswarupugc@gmail.com | dev.ugc@nic.in

ज्ञान-विज्ञान विभूक्तये  
डॉ. देव स्वरुप  
पूर्व कुलपति, राजस्थान विश्वविद्यालय, जयपुर  
अपर सचिव

**Dr. Dev Swarup**

Former Vice-Chancellor, University of Rajasthan, Jaipur  
**Additional Secretary**

**SPEED POST**

**No.F. 22-1/2017(AC)**

September, 2019

11 OCT 2019

The Registrar  
Manonmaniam Sundarnar University,  
Tirunelveli-627 012, Tamilnadu

Sub: - Extension of Autonomous Status to St. Xavier's College, 21, North Highground Road, Palayamkottai-627 002 Tamilnadu affiliated to Manonmaniam Sundarnar University, Tirunelveli-627 012

Sir/Madam,

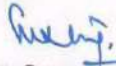
This has reference to the proposal submitted by St. Xavier's College, 21, North Highground Road, Palayamkottai-627 002 Tamilnadu affiliated to Manonmaniam Sundarnar University, Tirunelveli-627 012 for extension of autonomous status under the UGC Scheme for Autonomous Colleges.

The Standing Committee constituted by University Grants Commission in its meeting held on 25.09.2019 decided to extend the autonomous status to St. Xavier's College, 21, North Highground Road, Palayamkottai-627 002 Tamilnadu affiliated to Manonmaniam Sundarnar University, Tirunelveli-627 012 for a period of five years w.e.f. 2019-2020 to 2023-2024, including ex-post-facto approval 2018-2019

The University is requested to issue necessary notification/order regarding extension of autonomous status to the College as per the UGC (Conferment of Autonomous Status Upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2018 for Autonomous Colleges. The College, if eligible, shall apply for autonomy grant as per the norms laid down in the Regulations.

The Autonomous College is required to abide by all the provisions of the UGC Regulations for Autonomous Colleges. The Regulations are available on the UGC website, www.ugu.ac.in. Further, it may be noted that the above said college shall also apply in the prescribed format to University Grants Commission for extension of autonomous status six months prior to the expiry of the autonomous cycle.

Yours faithfully,

  
(Dev Swarup)

Cont...

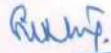
: 2 :

Copy to:-

- 1 The Principal Secretary,  
(Higher Education)  
Govt. of Tamilnadu,  
N.K.M. Building, 6th Floor, Secretariat,  
Chennai – 600 009 (Tamilnadu)
- 2 The Joint Secretary,  
UGC South Eastern Regional Office,  
PB No. 152, APSFC Building,  
4th Floor, 5-9-194, Chirag Ali Lane,  
Hyderabad-500 001
- 3 The Principal,  
St. Xavier's College,  
21, North Highground Road,  
Palayamkottai-627 002  
Tamilnadu

A copy of the UGC Expert Committee report is enclosed herewith for information and appropriate action by college.

- 4 Meeting Cell
- 5 Concerned file
- 6 Guard file



(Dev Swarup)



**14.** IQAC conducted second round of ACADEMIC AND ADMINISTRATIVE AUDIT(AAA) for the Academic Year 2019-20 for Service Organization on **16.08.2019 at 2.30 p m in the Conference Hall.**

**15.** IQAC conducted second round of ACADEMIC AND ADMINISTRATIVE AUDIT(AAA) for the Academic Year 2019-20 for Research Centres on **19.08.2019 at 2.30 p m in the Conference Hall.**

**16.** IQAC conducted external ACADEMIC AND ADMINISTRATIVE AUDIT(AAA) in the Academic Year 2019-20 on 20<sup>th</sup> August 2019.

The external peer team members are given below:

**Dr.S.ALFRED CECIL RAJ (Convenor)**

Associate Professor, Dept. of Physics  
St.Joseph's College (Autonomous),  
Tiruchirappalli-620 002,Tamilnadu, India.

**Dr. S. Sudha Rani (Member)**

Associate Professor, Dept. of English  
St Mary's College(Autonomous),  
Thoothukudi -628001,  
Tamilnadu, India.

Dr. S. Sagayaraj (Member)

IQAC Co-ordinator & Head, PG Dept. of  
Computer Science, Sacred Heart  
College(Autonomous), Tirupattur-635601

The Heads of Departments, Directors of Research Centres, Directors of Service Organizations, In-charges of all Offices presented the report of the activities to the members of the External Peer Team. After the presentation, the team members visited all units in person and suggested the areas for improvement.





## 17. Assessment & Accreditation (A&A) by NAAC -2019.

The Validity of Assessment and Accreditation by National Assessment and Accreditation Council (NAAC) in the third cycle for our Institution expired on 9<sup>th</sup> March 2019.

On 8<sup>th</sup> March 2019 we submitted Institutional Information for Quality Assessment (IIQA) to NAAC.

We submitted Self Study Report (SSR) to NAAC (as per the RAF) so that our College could get accredited by NAAC in the fourth cycle.



NAAC Peer Team Visit was held on 26<sup>th</sup> & 27<sup>th</sup> August 2019.

NAAC has assessed and accredited our Institution at A<sup>++</sup> Grade with a CGPA of 3.66 out of 4 in IV cycle. A brief report is presented here.

The following were the members of the NAAC Peer Team visiting our College on 26<sup>th</sup> & 27<sup>th</sup> August 2019.



### 1. Prof. Mohd Muzammil Chairperson

Former Vice Chancellor, Dr Br Ambedkar University Agra.

### 2. Prof. Rajendra Sonkawad Member Co-ordinator

Professor Department of Physics, Shivaji University Kolhapur Maharashtra.

### 3. Dr. Kashmir Singh Member

Principal, Mata Gujri College, Fatehgarh Sahib Punjab

	<b>Peer Team Visit Schedule</b>	<b>Time</b>
<b>Day 0</b>	<i>Peer Team Discussion (Pre-visit meeting at the place of stay)</i>	<i>17:00 – 19:00 hrs</i>
<b>DAY - 1</b>		
<b>Day - 1</b>	<i>Presentation by the Head of the Institution/Principal</i>	<i>9:00 – 09:45 hrs</i>
<b>Focus on Criterion I : Curricular Aspects</b>		
<b>Day - 1</b>	<p><b><u>Activities / Meeting</u></b></p> <p>❖ <i>Meeting and Interaction with Heads of Department</i></p> <p><i>(Planning and documentation for curriculum delivery, Cross cutting issues integrated into the Curriculum etc...)</i></p>	<i>09:45 – 10:30 hrs</i>
<b>Focus on Criterion II : Teaching-Learning and Evaluation</b>		
<b>Day - 1</b>	<p><b><u>Activities / Meeting</u></b></p> <p>❖ <i>Visit of selected Departments (not more than 50% of the Departments to be selected by the Peer Team/HEI)</i>  <i>(Assessment of learning levels of students, Student centric methods for enhancing learning experiences, Innovation and creativity in teaching-learning, Reforms, Transparency and Grievance-redressal mechanism in Continuous Internal Evaluation (CIE), Adherence to Academic Calendar for conduct of CIE, Statements &amp; Attainment of POs, PSOs &amp; COs etc....)</i></p>	<i>10:30 – 12:15 hrs</i>
<b>Focus on Criterion III : Research, Innovations and Extension</b>		
<b>Day - 1</b>	<p><b><u>Activities / Meeting</u></b></p> <p>❖ <i>Visit to Laboratories, latest research equipments, Computer centre, Incubation Centre, Central Instrumentation Centre, Media Laboratory/Commerce lab, Studios etc., (if applicable)</i></p> <p>❖ <i>Meeting and Interaction with Head of the Departments/ Teachers etc.,</i>  <b>(Research Committee, Collaborations, Eco-system created for innovations, Extension activities, NCC, NSS etc.....)</b></p>	<i>12:15 – 13.00 hrs</i>
<b>Day - 1</b>	❖ <b><i>Lunch on meeting: Meeting with the Governing Body / Management/State Govt. Representatives / University representatives.</i></b>	<i>13:00 – 14:00 hrs</i>

<b>Focus on Criterion IV : Infrastructure and Learning Resources</b>		
<b>Day - 1</b>	<p><b><u>Activities / Meeting</u></b></p> <ul style="list-style-type: none"> <li>❖ <i>Visit to Physical Facilities i.e. Library, Sports, Gymnasium, Yoga Center, Computer Centre, etc.,</i></li> <li>❖ <i>Onsite Interaction with Office of DSW, Canteen, Hostels, Health centre, etc.,</i></li> </ul> <p><i>(Facilities for teaching – learning, sports, games etc., automation of library, Collection of rare books, manuscripts, updated IT facilities including Wi-Fi, procedures for maintenance and utilization of physical, academic and support facilities etc...)</i></p>	<b>14:00 – 14.45 hrs</b>
<b>Focus on Criterion V : Student Support and Progression</b>		
<b>Day - 1</b>	<p><b><u>Activities / Meeting</u></b></p> <ul style="list-style-type: none"> <li>❖ <i>Visit to Placement Cell, Career Counseling Centre, Language Lab, Anti Raging Cell, Anti-Sexual Harassment Cell etc.,</i></li> <li>❖ <i>Interaction with Students, Alumni &amp; Parents (may include Student Satisfaction Survey Guidance)</i></li> </ul> <p><b>(Student Council &amp; representation of students on academic &amp; administrative bodies/committees, Contribution from Alumni Association/Chapters etc....)</b></p>	<b>14:45 – 16:15 hrs</b>
<b>Focus on Criterion VI : Governance, Leadership and Management</b>		
<b>Day - 1</b>	<p><b><u>Activities / Meeting</u></b></p> <ul style="list-style-type: none"> <li>❖ <i>Meeting with the Coordinator-IQAC, IQAC members in IQAC office.</i></li> <li>❖ <i>Interaction with Administrative Officer, Finance Officer and other Non-teaching staff.</i></li> </ul> <p><b><i>(The Governance &amp; Leadership of Institution, Organisational Structure, perspective/Strategic plan and deployment documents, welfare schemes, performance appraisal system for teaching and non-teaching staff, Internal and external audits, mobilization of funds and optimal utilization of resources, IQAC set up as per norms, contribution of IQAC etc.....)</i></b></p>	<b>16:15 – 17.15 hrs</b>
<b>Day - 1</b>	<b>Cultural programmes by Students</b>	<b>17.15 – 18:00 hrs</b>
<b>Day - 1</b>	<b>Team Discussion at place of stay</b>	<b>19:00 – 20:30 hrs</b>

<b>DAY - 2</b>		
<b>Focus on Criterion VII : Institutional Values and Best Practices</b>		
<b>Day - 2</b>	<p><b><u>Activities / Meeting</u></b></p> <ul style="list-style-type: none"> <li>❖ <i>Review of physical facilities such as safety and security, Counseling, Ramp/Rails, skill development centres etc., and review of alternative energy initiatives, rain water harvesting, waste management system etc.,</i></li> <li>❖ <i>Meeting and Interaction with Head of various committees/cells.</i></li> <li>❖ <i>Review of best practices and Institutional Distinctiveness (Gender sensitisation, Environmental Consciousness and Sustainability measures, Green practices, Human values and professional Ethics, Best Practices, Institutional distinctiveness etc....)</i></li> </ul>	<b>09.00 – 09.45 hrs</b>
<b>Day-2</b>	<p><i>Report writing, Checking Documentary evidences, if any. Discussion and modifying the draft Peer Team Report and finalization, Visiting to facilities which has not been covered so far.....(to be done within the Institution premises)</i></p>	<b>09.45 – 12:15 hrs</b>
<b>Day-2</b>	<p><i>Discussion with Head of Institution and IQAC Co-ordinator on outstanding issues</i></p>	<b>12:15 -13.00 hrs</b>
<b>Day-2</b>	<p><b><i>Lunch</i></b></p>	<b>13:00 - 14:00hrs</b>
<b>Day-2</b>	<p>Report writing continues.....</p>	<b>14:00 - 15:00hrs</b>
<b>Day-2</b>	<p><i>Sharing the Peer Team Report with Head of the Institution</i></p>	<b>15:00 - 16:00hrs</b>
<b>Day-2</b>	<p><i>Finalizing the Peer Team Report (Signatures to obtain from Head of the Institution and Peer Team Members on,</i></p> <ul style="list-style-type: none"> <li><i>i). Peer Team Report;</i></li> <li><i>ii). Visit Schedule;</i></li> <li><i>iii). Code of Conduct and Ethical standards)</i></li> </ul>	<b>16:00 - 17.00hrs</b>
<b>Day-2</b>	<p><b><i>Exit Meeting</i></b></p>	<b>17:00 - 17.30hrs</b>







































Three major features in the institutional Context

1. Very old Christian co-education grant in aid Autonomous college having Potential of Excellence situated in semi urban area.
2. About 60 percent of students are from first generation learners and most of them belongs to poor and middle class families.
3. College is having rich historical standing and reputation in the region.

### ***Criterion1 - Curricular Aspects***

The St. Xavier College (Autonomous) which started in 1923 offers 55 programs consisting of 20 UG, 16 PG, 7 M. Phil. and 12 Ph.D. programs. Being an autonomous college, the curriculum is designed by the respective Board of Studies of the college and periodically revised as per the needs of the industry and global requirements. Academic flexibility exists because of the autonomous status of the college.

While designing the curriculum cross cutting issues like gender, environment sustainability, human values and professional ethics have been given due importance and different courses are included in the various programs. CBCS is being followed by the college for all the courses even before the affiliating University. The college has evolved an excellent system to ensure effective implementation of the curriculum. Robust feedback mechanism exists. At the end of each semester, a schedule is administered to students to assess the curriculum delivery and effectiveness of teaching.



### ***Criterion2 - Teaching-learning and Evaluation***

There is a steady growth in the student intake pattern due to the utility and diversification of courses offered by the college. The college follows government reservation policy for 50 percent of intake from the society and rest 50 percent is left to the management for minority quota. The students belonging to socio economically weaker section and first generation learners are given priority in admission. The college identifies the slow learners and advanced learners on the basis of their score in the qualifying examinations and a diagnostic test is also conducted for the said purpose. It encourages the advance learners through incentives and guides them for further advancement through enrichment classes which is commendable. As a result, several pass outs of the college have opted for higher studies in this college and other institutions. The slow learners are helped through remedial teaching, handouts and materials are provided for easy study and extra coaching and guidance are provided. Lecture method dominates over other strategies in the classroom.

The college has filled all the sanctioned teaching posts adhering to the prescribed qualifications. Most of the teachers possess Ph.D. and NET/SLET eligibility. There are all together 121 doctorates and 1 D.Lit, in total 176 faculty members. The college has different cells to redress the student's related grievances like anti ragging, sexual harassment,



grievances redressal cells etc. The overall academic performance of the student is appreciable and pass percentage is also good.

**Criterion3 - Research, Innovations and Extension**

The college is equipped with good infrastructure for undertaking research. 40 books, 995 research papers and 10 proceedings were published during the last five years by the faculty of the college; Seed money is given to the teachers who publish papers in refereed journals.



During the last five years, two departments were upgraded as research departments by the Manonmaniam Sundaranar University. In all, 101 teachers have been approved as research guides. There are 36 ongoing/completed major/minor projects for the allocated amount Rs. 6 crores and 47 lakhs.

The Peer Team appreciates STAND outreach program which is carried out on a grand scale. 8 village visits and one camp are compulsory for UG students; 4 village visits and 1 camp are compulsory for PG students. All the year around students and teachers remain actively involved in STAND outreach program. N.S.S. volunteers perform extension activities under the guidance of program officers. Women students actively participate in extension activities as N.S.S. volunteers and N.C.C. cadets. The college provides conducive environment and requisite infrastructure for innovations. Presently the college has some incubation Centers but is making efforts to provide an ecosystem by developing more. Provision of consultancy services is limited to few faculties which needs further strengthening.



**Criterion4 - Infrastructure and Learning Resources**

The Institution has a sprawling clean & green campus spread over 58 acres of land. Learning spaces with 60 spacious well ventilated class rooms of which 60 have LCD facilities and 13 smart classrooms with effective audio-visual aid learning is available in the campus.



The campus has a functional Wi-Fi facility freely available to the students and faculty members including hostel inmates. College has good Zoology Museum and aquarium which exhibits rare species. A very well maintained Botanical garden with Herbarium, Tissue culture lab and molecular lab are unique features of the college. Besides, the Centre for Aquaculture Research and Extension (CARE) with excellent infrastructure facilities is available which add value to the college in a big way. Folklore museum is excellent with good collection of literature, audio and video sources. One of the college hostel has two auditoriums including bio gas plant, 657 trees and provision of rain water harvesting.





### ***Criterion5 - Student Support and Progression***

Placement cell of the college is fairly active; several students secured employments in state government and private companies. Placement Cell requires strengthening for providing better opportunities for employment. Career counselling cell has trained personnel to provide guidance/counselling to students in the campus. There is an active elected students' council in the college.



Adequate representations of students have been given in various academic and administrative bodies of the College. There is a good harmony between student's council, faculty and management. An alumni and Parents Teacher association is functional in the college. The alumnae association is a registered body and is significantly contributing in the growth and development of the college. The Alumnae association often conducts meeting in the campus to discuss issues pertaining to the improvement in the facilities for the students, placement opportunities, and introduction/addition of new courses. In the meeting with the peer team it was noticed the alumnae is keen to support the college and many illustrious personalities are the alumni of this college.



### ***Criterion6 - Governance, Leadership and Management*** The college has a clear vision and

mission statements and the management is taking appropriate steps to fulfill the same. The college has a participative management which is evident from the representation of various faculty members in administrative, other regulatory and advisory bodies of the college. Perspective plan for future development is in place and all relevant documents are maintained in the college. There is a clear organogram with the Secretary performing leadership role. The Principal of the college is the executive head responsible for effective implementation of the programmes. The review by the Peer team indicates that the institution conducts internal and external audits annually on regular basis. It is noteworthy that all the audit objections have been settled. The college has mobilized funds from UGC, State government and DST. The college has also been given the star college status of by DBT, GOI. The MHRD has selected college for UBA Scheme for its community development services. IQAC is quite active and has contributed significantly for the effective delivery of the curriculum and co-curricular activities. The college has made sincere attempts to implement the recommendations made by the previous NAAC team during the last five years



### ***Criterion7 - Institutional Values and Best Practices***

The college promotes institutional values and socially responsible programmes on a large scale. Common room, medical room, counselling rooms, and reading room in hostels are provided to the students. The College has evolved a good mechanism for the management of solid, liquid and e - waste. Solid wastes are converted in to manure through vermi composting. Efforts for rain water harvesting are in place and collected water is used for ground water recharging. The success of STAND (Student Training and Action for Neighborhood Development) programme has been widely acknowledged during the interaction with villagers and certainly it has brought major change in their thinking and perception. One of the best aspects of the college is to shape the students into agents of social change, preparing them for concerted social action and thus paving the way to mass movements which will bring the desired liberation among the communities.



The greenery in the campus is ensured with high diversity of trees and plants. The campus is fully plastic free and students are involved in Swachh Bharath Abhyian also. Efforts are on to convert the college in to an e-campus. The college celebrates all national festivals such as independence and republic day along with birth/death anniversaries of national leaders. Transparency in academic, financial and administrative matters is evident.









## **Overall Analysis**

### **Strengths:**

- Holistic education and empowerment of first generation learners drawn from socially and economically backward society and regions.
- Emphasis on moral and ethical education and enhancement of life skills
- Excellent outreach and community engagements especially through STAND
- Very Supportive management, dedicated faculty members and committed non teaching supporting staff.
- Good infrastructure for imparting education and co-curricular activities.

### **Weakness:**

- Lack of much needed diversity in faculty and students.
- Inadequate involvement of students in research and limited consultancy.
- Inadequate industry-academia linkages..
- Inadequate certificate courses.

### **Opportunities:**

- Creation of more competence development programme through extra curricular activities.
- Enhancement of Interface with industry. and institute of national and international importance.
- Development of MOOC programmes by the faculty.
- Explore opportunities to attract students from other states.

## Challenges:

- Enhancing e-learning.
- Preparing for job readiness.
- Attracting children from other states and abroad.
- Good placement for student in a restricted environment.
- Creation of viable innovation ecosystem for research and consultancy

## Recommendations for Quality Enhancement of the Institution:

- Consultancy services are limited to the few faculty members at present, it needs to be extended to cover large number of teachers in the college.
- Since the college is almost a century old, the manuscripts and rare documents in library are of archive value now, need to be well preserved and protected.
- Since alumni support to the college is encouraging in many ways, the college may organise special functions as foundation day or other occasions to honour the celebrities among alumni.
- The college needs to be developed into a model e-campus college.
- The college needs to enhance Investment in HR, innovations, research and consultancy, and incubation centers.
- There is a need to establish a robust entrepreneurship development cell and center for competitive exam preparation.
- The college should introduce more vocational and market driven multi-disciplinary courses.
- The college should establish Art and Culture center in collaboration with folklore center.
- The Management should start thinking to convert this college into a well recognized University in the years to come.







राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद  
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान  
**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**  
An Autonomous Institution of the University Grants Commission

## *Certificate of Accreditation*

*The Executive Committee of the  
National Assessment and Accreditation Council  
on the recommendation of the duly appointed  
Peer Team is pleased to declare the  
St. Xavier's College (Autonomous)  
North Highground Road, Palayamkottai,  
affiliated to Manonmaniam Sundaranar University, Tamil Nadu as  
Accredited  
with CGPA of 3.66 on four point scale  
at A<sup>++</sup> grade  
valid up to September 08, 2026*

*Date : September 09, 2019*



*S. C. Chandra*  
Director

EC(SC)/44/RAR/TNCOGN80656



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद  
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान  
**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**  
An Autonomous Institution of the University Grants Commission

## Quality Profile

Name of the Institution : St. Xavier's College (Autonomous)  
Place : North Highground Road, Palayamkottai, Tamil Nadu

Criteria	Weightage (W <sub>i</sub> )	Criterion-wise Weighted Grade Point (Cr WGP <sub>i</sub> )	Criterion-wise Grade Point Averages (Cr WGP <sub>i</sub> / W <sub>i</sub> )
I. Curricular Aspects	150	600	4.00
II. Teaching-Learning and Evaluation	285	944	3.31
III. Research, Innovations and Extension	135	501	3.71
IV. Infrastructure and Learning Resources	090	355	3.94
V. Student Support and Progression	099	350	3.54
VI. Governance, Leadership & Management	092	349	3.79
VII. Institutional Values and Best Practices	100	386	3.86
<b>Total</b>	$\sum_{i=1}^7 W_i = 951$	$\sum_{i=1}^7 (Cr WGP_i) = 3485$	

$$\text{Institutional CGPA} = \frac{\sum_{i=1}^7 (Cr WGP_i)}{\sum_{i=1}^7 W_i} = \frac{3485}{951} = \boxed{3.66}$$

Grade =  $\boxed{A^{++}}$

Date : September 09, 2019

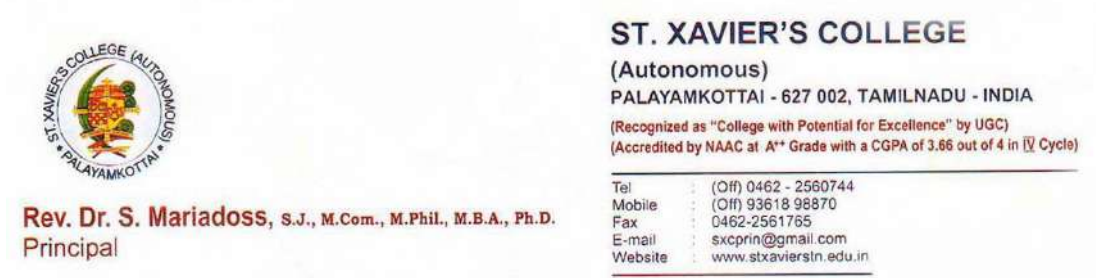


S. Chelvan  
Director

- This certification is valid for a period of Seven years with effect from September 09, 2019
- An institutional CGPA on four point scale in the range of 3.51 - 4.00 denotes A<sup>++</sup> grade, 3.26 - 3.50 denotes A<sup>+</sup> grade, 3.01 - 3.25 denotes A grade, 2.76 - 3.00 denotes B<sup>+</sup> grade, 2.51 - 2.75 denotes B<sup>-</sup> grade, 2.01 - 2.50 denotes B grade, 1.51 - 2.00 denotes C grade
- Scores rounded off to the nearest integer

EC(SC)/44/RAR/TNCOGN80636

18. IQAC took initiative to get recognition for Xavier Research Foundation from Manonmaniam Sundaranar University, Tirunelveli. The letters sent to the University through Fr. Principal is given below:



**SXC/2019-20/RES/37**

**12-12-2019**

**To**

**Vice-Chancellor**

Manonmaniam Sundaranar University

Tirunelveli

**Respected Sir,**

**Sub: Requisition to grant recognition for Xavier Research Foundation (XRF) to carry out research programme – reg.**

St. Xavier's College is one of the excellent colleges in the country. The college is accredited in the 4<sup>th</sup> cycle by NAAC at A<sup>++</sup> Grade with a CGPA of **3.66** out of 4. One of the recommendations of the NAAC is that the college has to concentrate on interdisciplinary research. Our foundation is also waiting for the approval of Indo-Sri Lankan collaborative project by DST. Another DST-SUPRA project is also expected. We also have international collaborations with reputed universities abroad.

Xavier Research Foundation (XRF) was established by St Xavier's College Management in 2018 as an interdisciplinary centre for research to promote high throughput publications in reputed international journals. Fr Dr S. Ignacimuthu, S.J. former Vice Chancellor of Madras University and Bharathiar University, Coimbatore and the fellow of National Academy of Agricultural Sciences, New Delhi, is the director and mentor. He has already 2 US patents and 10 Indian patents. He has completed 40 major research projects. Some of the research guides from the existing departments are associate members of XRF. Besides we also have full time scientists, emeritus scientists, visiting Professors, post doctoral fellows and a technician.



**The list of research guides involved in interdisciplinary research in XRF is given below:**

- |                             |  |
|-----------------------------|--|
| 1. Dr. A. Lourdusamy,       | Associate Professor, Dept. of Mathematics      |
| 2. Dr. S.P. Victor,         | Associate Professor, Dept. of Computer Science |
| 3. Dr. V. Jeyabal,          | Associate Professor, Dept. of Chemistry        |
| 4. Dr. D. Prem Anand,       | Assistant Professor & Head, Dept. of Physics   |
| 5. Dr. J. John Peter Paul,  | Assistant Professor, Dept. of Botany           |
| 6. Dr. T. Leon Stephan Raj, | Assistant Professor, Dept. of Botany           |
| 7. Dr. R. Azhagu Raj,       | Assistant Professor, Dept. of Zoology          |

**Besides the following are full time Research scientists in XRF**

1. Dr. R. Mariselvam; 2. Dr. S. Mutheeswaran & 3. Dr. E. Edwin

**List of Emeritus Scientists working in the centre**

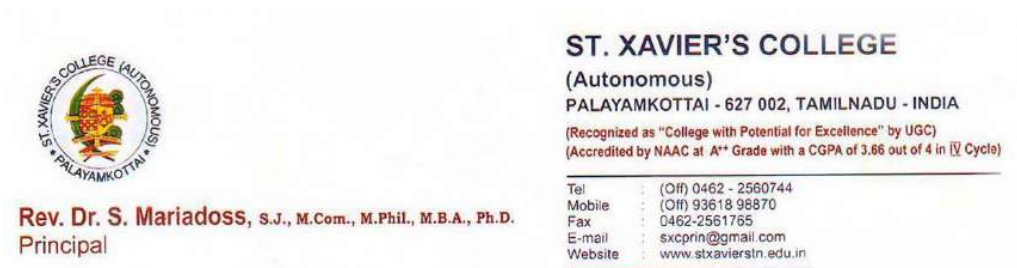
1. Dr. S. Seeni & 2. Dr. V. Chelladurai

Therefore we request you to kindly grant recognition for Xavier Research Foundation to carry out research programmes.



**19.** IQAC in collaboration with the Director, Rev. Dr. S. Ignacimuthu, S.J., took initiative to get recognition as SIRO by DSIR. Rev. Dr. S. Ignacimuthu, S.J., Director, Xavier Research Foundation, SXC, Palayamkottai and Dr. A. Lourdusamy, Director, IQAC, St. Xavier's College, Palayamkottai, went to Department of Science & Technology, Ministry of Science and Technology, Delhi for presentation and discussion on 10th February 2020.

20. Based on the discussion we had in Department of Science & Technology, Ministry of Science and Technology, Delhi, the Research Advisory Board was reconstituted. The details sent to DST, Ministry of Science and Technology, Delhi are given below:



SXC/IQAC/2019-20/RES/46

15.02.2020

To

**Dr. Vinaykumar, Ph.D.**

Scientist 'F'

Department of Scientific and Industrial Research

Ministry of Science and Technology, Govt. of India

Technology Bhawan, New Mehrauli Road, New Delhi – 110016

Dear Sir,

Sub: **Research Advisory Board – Composition – reg.**

Greetings,

We are happy to inform you about the composition of Research Advisory Board of our college as given below for your perusal.

**Chairman**

**Rev. Dr. S. Mariadoss, S.J.**

Principal, St. Xavier's College (Autonomous), Palayamkottai

**Convenor**

**Rev. Dr. S. Ignacimuthu, S.J.**

Director, Xavier Research Foundation (XRF)

St. Xavier's College (Autonomous), Palayamkottai

**Internal Members**

**Dr. A. Lourdusamy**

Associate Professor, Department of Mathematics

St. Xavier's College (Autonomous), Palayamkottai

**Dr. S.P. Victor**

Associate Professor, Department of Computer Science

St. Xavier's College (Autonomous), Palayamkottai

**Dr. M. Baby Mariyatra**

Assistant Professor, Department of Chemistry  
St. Xavier's College (Autonomous), Palayamkottai

**External Members**

**1. Dr. K. Senthamarai Kannan**

Senior Professor  
Department of Statistics  
Manonmaniam Sundaranar University, Tirunelveli  
Email: [senkannan2002@gmail.com](mailto:senkannan2002@gmail.com)  
[senthamaraikannan@msuniv.ac.in](mailto:senthamaraikannan@msuniv.ac.in)

**2. Dr.A.Palavesam**

Professor and Head  
Department of Animal Science  
Manonmaniam Sundaranar University, Tirunelveli 627 012  
Phone: 91-94435 45411  
E-mail: [plavesh06@gmail.com](mailto:plavesh06@gmail.com)    [plavesh@yahoo.com](mailto:plavesh@yahoo.com)

**3. Dr. P. Elankani**

Research Officer (Siddha), S-II  
Siddha Clinical Research Unit, Govt. Siddha Medical College Campus,  
Palayamkottai, Tirunelveli – 627 002  
Phone: 0462-2573736  
Email: [pookanisiddh@gmail.com](mailto:pookanisiddh@gmail.com)

**4. Dr.S.Justus Antony, M.D(s)**

Lecturer Gr.II  
Govt. Siddha Medical College Campus, Palayamkottai, Tirunelveli – 627 002  
Phone: 9443090849  
Email: [justusantony71@gmail.com](mailto:justusantony71@gmail.com)





**21.** The Research Advisory Board meeting was convened. The details are given below:

**ST. XAVIER'S COLLEGE (AUTONOMOUS), PALAYAMKOTTAI  
MINUTES OF THE RESEARCH ADVISORY BOARD MEETING**

The meeting of the reconstituted Research Advisory Board was held on 17-02-2020 at 9.00 AM in the Conference Hall of St. Xavier's College (Autonomous), Palayamkottai. Father Principal welcomed the members. The convener Rev. Dr. S. Ignacimuthu, S.J. initiated the discussion. The following members were present for the meeting.

Name	Designation	Internal / External	Official Address
Rev.Dr. S. Mariadoss, S.J.	Principal	Internal	<b>Chairman</b> <a href="mailto:xcprin@gmail.com">xcprin@gmail.com</a> 0462-2560744
Rev. Dr. S. Ignacimuthu, S.J.	Director	Internal	<b>Convener</b> <a href="mailto:xrfsxc@gmail.com">xrfsxc@gmail.com</a>
Dr. K. Senthamarai Kannan	Senior Professor	External	<b>Member</b> Department of Statistics Manonmaniam Sundaranar University, Tirunelveli Email: <a href="mailto:senkannan2002@gmail.com">senkannan2002@gmail.com</a>
Dr.A.Palavesam	Professor	External	<b>Member</b> Department of Animal Science Manonmaniam Sundaranar University, Tirunelveli 627 012 Phone: 91-94435 45411 E-mail: <a href="mailto:plavesh06@gmail.com">plavesh06@gmail.com</a>
Dr.S.Justus Antony, M.D (s)	Lecturer Gr.II	External	<b>Member</b> Govt. Siddha Medical College Campus, Palayamkottai, Tirunelveli – 627 002 [India] Email: <a href="mailto:justusantony71@gmail.com">justusantony71@gmail.com</a> 9443090849
Dr. P. Elankani	Research Officer (Siddha)	External	<b>Member</b> Siddha Clinical Research Unit Govt. Siddha Medical College Campus, Palayamkottai, Tirunelveli – 627 002 [India] Phone: 0462-2573736 Email: <a href="mailto:pookanisiddh@gmail.com">pookanisiddh@gmail.com</a>
Dr.Lourdusamy	IQAC Coordinator	Internal	<b>Member</b> Email: <a href="mailto:xcqiqac1923@gmail.com">xcqiqac1923@gmail.com</a>

Dr.S.P.Victor	Associate Professor	Internal	<b>Member</b> Email: <a href="mailto:drspvictor@gmail.com">drspvictor@gmail.com</a> Phone: 9486041594
Dr.M.Baby Mariyatra	Assistant Professor	Internal	<b>Member</b> Email: <a href="mailto:babymariyatra@gmail.com">babymariyatra@gmail.com</a> Phone: 9488024234

The following suggestions were given for furthering research in the campus.

1. To conduct research in different fields of science to address national and societal needs
2. To encourage collaboration with other scientists, universities and industries
3. To encourage product developments and patent filing
4. To apply for many projects from national and international funding agencies
5. To strengthen St. Xavier's College Innovation and Incubation Centre (SXCIIC)

Dr. A. Lourdusamy thanked all the members.



**22. The application for DSIR recognition was again sent to DST on 18<sup>th</sup> December 2019.**



**Rev. Dr. S. Mariadoss, S.J., M.Com., M.Phil., M.B.A., Ph.D.**  
Principal

**ST. XAVIER'S COLLEGE**

(Autonomous)

PALAYAMKOTTAI - 627 002, TAMILNADU - INDIA

(Recognized as "College with Potential for Excellence" by UGC)  
(Accredited by NAAC at A<sup>++</sup> Grade with a CGPA of 3.66 out of 4 in IV Cycle)

Tel : (Of) 0462 - 2560744  
Mobile : (Of) 93618 98870  
Fax : 0462-2561765  
E-mail : [stxcprin@gmail.com](mailto:stxcprin@gmail.com)  
Website : [www.stxavierstn.edu.in](http://www.stxavierstn.edu.in)

**SXC/2019-20/IQAC/RES/38**

**18-12-2019**

**To**

**Shri Vimal Kumar Varun**

Scientist 'F' and Head (ITeG)

Room No.14-B, S&T Block I, Department of Scientific & Industrial Research (DSIR)  
Technology Bhawan, New Mehrauli Road, New Delhi-110016. INDIA

**Phone:** (011) 26516078, 26590416, **TeleFax:** (011) 26516078

**E-mail:** [vk@nic.in](mailto:vk@nic.in)

**Respected Sir,**

**Sub: Requisition to grant recognition of Scientific and Industrial Research Organisations (SIROs)– reg.**

St. Xavier's College is one of the premier institutions in the country. The college is accredited in the 4<sup>th</sup> cycle by NAAC at A<sup>++</sup> Grade with a CGPA of **3.66** out of **4**. The College is actively engaged in research. Around 28 research centers are carrying out research in various dimensions.

**The following are the objectives of research being undertaken:**

- Promoting cutting edge pursuits to solve peoples' problems and to protect the environment
- To contribute to National Development
- To validate the Siddha and Ayurveda drugs to treat various diseases
- To develop ecofriendly pesticides to control mosquitos and insect pests
- To develop climate resilient crops
- To prepare nano materials and nano drugs
- To prepare softwares to help people

Our focus is to carry out the research activities relating to indigenous technology promotion, development, utilization and transfer of knowledge. Hence we request you to grant recognition of Scientific and Industrial Research Organisations (SIROs) for our college.

Thanking you

  
PRINCIPAL  
ST. XAVIER'S COLLEGE  
(Autonomous)  
PALAYAMKOTTAI



**23. The application for DSIR recognition was again sent to DST on 15<sup>th</sup> February 2020.**



**Rev. Dr. S. Mariadoss, S.J., M.Com., M.Phil., M.B.A., Ph.D.**  
Principal

**ST. XAVIER'S COLLEGE**

(Autonomous)

PALAYAMKOTTAI - 627 002, TAMILNADU - INDIA

(Recognized as "College with Potential for Excellence" by UGC)

(Accredited by NAAC at A\*\* Grade with a CGPA of 3.86 out of 4 in IV Cycle)

Tel : (Off) 0462 - 2560744  
Mobile : (Off) 93618 98870  
Fax : 0462-2561765  
E-mail : sxcpin@gmail.com  
Website : www.stxavierstn.edu.in

**SXC/IQAC/2019-20/RES/DSIR-47**

**15.02.2020**

**To**

**Dr. Vinaykumar, Ph.D.**

Scientist 'F'

Department of Scientific and Industrial Research

Ministry of Science and Technology, Govt. of India

Technology Bhawan, New Mehrauli Road

New Delhi – 110016

**Dear Sir,**

**Sub: Application for recognition of the society of St. Francis Xavier,  
Palayamkottai as SIRO by DSIR– reg.**

Greetings,

With regard to the above subject, we are sending R4 Format Agenda SIRO file as per your direction.

Kindly do the needful to grant us the SIRO certificate.

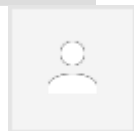
Thank you

  
**PRINCIPAL**  
**PRINCIPAL**  
**ST. XAVIER'S COLLEGE**  
**(Autonomous)**  
**PALAYAMKOTTAI**

24. We received DSIR recognition on 20<sup>th</sup> March 2020.

**SIRO Recognition and Registration-The Society of St. Francis Xavier, Palayamkottai, Tamil Nadu**

Inbox



**VINAY KUMAR** vinaykumar@nic.in via nic.in

Fri, Mar 20, 7:30 PM

to me, Mariadoss, Lourdusamy, Ignacimuthu, SHRIKANT, Rajesh, Sanjay

[Translate message](#)

To,

The Society of St. Francis Xavier, Palayamkottai, Tamil Nadu

Sir/Madam,

Please refer your application for recognition of The Society of St. Francis Xavier, Palayamkottai, Tamil Nadu as Scientific & Industrial Research Organization (SIRO) by Department of Scientific and Industrial Research (DSIR).

In this regard, the SIRO Recognition Letter / Registration Letter of your organization is attached herewith for the compliance. We extend our best wishes for enriched Scientific & Industrial Research accomplishments by your organization in future. Only this soft copy is provided and original is retained at DSIR

Kindly acknowledge the receipt.

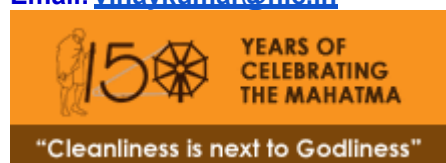
With regards



**Dr. Vinaykumar, Ph.D.**


Scientist 'F'

Department of Scientific and Industrial Research Ministry of  
Science and Technology, Govt. of India Technology Bhawan,  
New Mehrauli Road  
New Delhi – 110016.

Email: [yinavkumar@nic.in](mailto:yinavkumar@nic.in)



 <p>सूचना का अधिकार RIGHT TO INFORMATION</p>	<p>दूरभाष/TEL : 26962819, 26567373 (EPABX) : 26565694, 26562133 : 26565687, 26562144 : 26562134, 26562122 फैक्स/FAX : 26960629, 26529745 Website : <a href="http://www.dsir.gov.in">http://www.dsir.gov.in</a></p>	 <p>सत्यमेव जयते</p>	<p>भारत सरकार विज्ञान और प्रौद्योगिकी मंत्रालय वैज्ञानिक और औद्योगिक अनुसंधान विभाग टेक्नोलॉजी भवन, नया महरौली मार्ग, नई दिल्ली - 110016 GOVERNMENT OF INDIA MINISTRY OF SCIENCE AND TECHNOLOGY Department of Scientific and Industrial Research Technology Bhavan, New Mehrauli Road, New Delhi - 110016</p>
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F.No. 11/839/2019-TU-V Date: 18<sup>th</sup> March, 2020

The Secretary  
The Society of St. Francis Xavier  
St. Xavier's College Campus,  
21, North High Ground,  
Palayamkottai – 627 002  
Tirunelveli, Tamil Nadu

Subject : Recognition of Scientific and Industrial Research Organisations (SIROs).

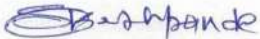
Dear Sir,

This has reference to your application for recognition of The Society of St. Francis Xavier, Palayamkottai, Tamil Nadu as a Scientific and Industrial Research Organisation (SIRO) by the Department of Scientific and Industrial Research under the Scheme on Recognition of Scientific and Industrial Research Organisations (SIROs), 1988.

2. This is to inform you that it has been decided to accord recognition to **The Society of St. Francis Xavier, Palayamkottai, Tamil Nadu from 27.02.2020 to 31.03.2022**. The recognition is subject to terms and conditions mentioned overleaf.

3. Receipt of this letter may kindly be acknowledged.

Yours faithfully,

  
(Dr. S.K. Deshpande)  
Scientist - 'G'



25. IQAC conducted a Training Programme on “Quantitative Techniques” for teachers and all research scholars on 07.03.2020.



Rev. Dr. S. Mariadoss, S.J., the Principal of the college, gave an introductory note on the importance of process and techniques of a good research. Dr.A.Lourdusamy, the IQAC Coordinator explained the significance of quantitative research techniques.

The participants were taught formulating research questions from the intellectual discomfort they had with regard to their research problem. They got trained to construct

- 1) Research hypothesis,
- 2) Null hypothesis and
- 3) Alternative



hypothesis 1, 2 and 3 from the research question. Such formulation of hypotheses was of the core focus while teaching the major classification of hypothesis namely Relational Hypothesis and Difference Hypothesis.

The participants were imparted knowledge on the four levels of measurements (nominal, ordinal, interval and ratio) that are part of qualitative and quantitative variables. They were instructed to identify the difference between the four levels of measurements, their characteristics and use in the research especially during the construction of research tool and in the process of data entry and analysis. They were further taught the techniques of handling each type of measurement while applying statistics.



The participants were taught the know-how of statistical applications such as 1) univariate, 2) bivariate 3) multivariate, 4) independence sample test, 5) one-way ANOVA and 6) stepwise multi linear regression. Training was given to use these techniques in line with the

purpose and relevance of their own researches. They were taught the trick of using these techniques practically by operating SPSS (Statistical Package for Social Science). Practice based learning was offered to the scholars using collected primary data of a Ph.D. research and dummy data as well. The Resource Persons were Mr. A. Jothi Kumar, Assistant Professor



of Computer Science and Mr. Benjamin Franklin, Assistant Professor of Social Work, St. Xavier's College, Palayamkottai. The number of participants in the programme was 100.

**26.** IQAC conducted a Training Programme on **“Research Databases and Outcome Based Education”** for teachers and all research scholars on 12.03.2020. Rev. Dr. S. Mariadoss, S.J., the Principal of the college, gave an introductory note on the importance of conducting a good research leading to publication in Journals which are indexed in International Databases.



Dr. A. Lourdusamy, the IQAC Coordinator explained to the participants that all journals in International Databases such as Scopus and Web of Science will be in UGC CARE list and so publication in Scopus and Web of Science indexed journals will be useful for the participants.



In the training session the participants were introduced to a host of International Databases from which data can be accessed for doing good research. In the training programme the Resource Person explained that good publication will lead to procuring Noble prize. The rudiments of Outcome Based Education were explained to the participants. File handling was also explained to the participants. The Resource Persons were Dr. Thirumagal, Librarian, Manonmaniam

Sundaranar University and Mr. A. Jothi Kumar, Assistant Professor of Computer Science, St. Xavier's College, Palayamkottai. The number of participants was 110.





The Internal Quality Assurance Cell of St. Xavier's College, Palayamkottai conducted "Online Training Programme on Outcome Based Education and Student Centred Teaching Technology" for the faculty members and full-time research scholars of the College. It was

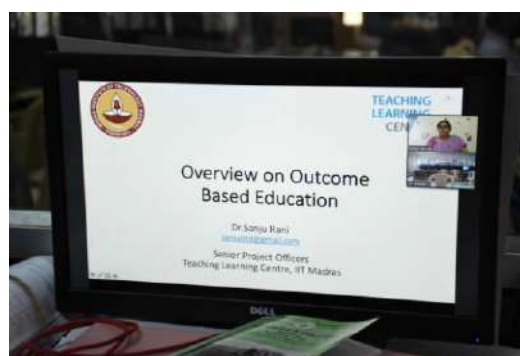


scheduled for two days on 8<sup>th</sup> & 9<sup>th</sup> of June 2020 through Zoom meeting. This programme comprised of two sessions each day from 10 am -12 noon and 2-4 pm respectively. The training programme started with introductory note by IQAC Coordinator, followed by the Principal's remark.

Rev. Fr. Henry Jerome SJ the Rector of St. Xavier's institutions, Palayamkottai and Rev. Fr. Alphonse Manickam SJ, the secretary of the College blessed the programme with words of felicitation.



Then, the first technical session was started by Dr Sanju Rani. She gave an 'Overview on outcome-based education. In her talk, she initiated interactions on missing link in syllabus-based education, then slowly threw light on importance, History, Principles and the benefits of outcome-based education. She clearly explained the steps involved in implementing outcome-based education in the college education system. An exercise was given to the participants to write learning outcomes for the course they teach after she described about the structure and characteristics of learning



outcomes. Finally, the lower order thinking skills and higher order thinking skills classified by Bloom's taxonomy were taught with sample verbs to write learning outcomes. This session has been highly interactive. She attended all the queries from the participants. The afternoon session was dealt by Dr. G. Janaki. She spoke on CO-PO mapping. Her talk mainly focused on Key concepts of Course Outcomes, Programme Outcomes and Programme Specific Outcomes. She explained the thumb rule for CO, PO and PSO mapping. Then, she shared an excel sheet to demonstrate how to map CO-PO and PSO. She gave a ten- minute assignment to carry out CO-PO mapping for the subjects the faculty members are teaching. This session was also interactive.

On the second day of this Training Programme, Dr G. Janaki talked about instructional strategies for outcome-based education in the morning. In the afternoon Dr. G Sanju Rani delivered lecture on Technology based assessment on outcome-based education. Both these sessions were made interactive and useful by several activities given by the resource person. The number of participants in the training programme was 220.



## 27. IQAC MEETINGS

- a. The first meeting of IQAC for the academic year 2019-2020 was held on 14.06.2019 at 9.30 a.m. in Fr. Caussanel Hall.
- b. The Second meeting of IQAC for the academic year 2019-2020 was held on 29.07.2019 at 9.30 a.m. in the Conference Hall.
- c. The third meeting of IQAC for the academic year 2019-2020 was held on 16.08.2019 at 2.30 p.m. in the Conference Hall.
- d. The fourth meeting of IQAC for the academic year 2019-2020 was held on 24.10.2019 at 9.30 a.m. in Fr. Caussanel Hall.
- e. The fifth meeting of IQAC for the academic year 2019-2020 was held on 07.03.2020 at 9.30 a.m. in Fr. Caussanel Hall. It was the extended meeting for all the Research Scholars.

## Excerpts from the Minutes of the Governing Body Meeting

Held on 20.09.2019

Dr. Lourdasamy, IQAC coordinator presented the IQAC activities. In his presentation he highlighted the SWOC analysis given by the NAAC peer team. He also presented the Recommendations given by the NAAC team to the college. Dr. Joseph Albert, asked to fix the time frame for achieving the recommendations given by NAAC. Dr. Lourdasamy informed that the process of applying NIRF is going on and every year AQAR is to be uploaded and the IQAC office will send the questionnaire to the departments to collect informations for the academic year 18-19.

## Excerpts from the Minutes of the Governing Body Meeting

Held on 06.03.2020

Fr. Provincial appreciated all the stakeholders of the college for accomplishing a very good NAAC score of A<sup>++</sup> with a CGPA of 3.66 out of 4.00 in the fourth cycle and very particularly, noted the role played by Dr. A. Lourdasamy, IQAC Coordinator and his team, for achieving this landmark. Dr. Ramamurthy congratulated the entire college team that worked in realising such a high score and expressed his happiness for the same.

### 5.5. Presentation of IQAC Report

**Discussion:** Dr.A.Lourdasamy, IQAC Coordinator, presented the IQAC Report. He said that the NAAC Peer Team visited the College on 26<sup>th</sup> and 27<sup>th</sup> August 2019 for the fourth cycle and accredited the College at “A++” Grade with a CGPA of 3.66 out of 4.00. “This is a significant milestone in the history of St. Xavier’s College”, all the members acknowledged.



**28.** Energy Audit was conducted in February 2020.

- a.** Annual power requirement met by renewable energy sources  
(in KWH)
- b.** Annual power requirement of the institution (in KWH)
- c.** Renewable energy source for meeting the power requirement
- d.** Renewable energy generated and used
- e.** Energy supplied to the grid
- f.** Annual lighting power requirement met through LED bulbs (in KWH)
- G.** Annual lighting power requirement

**29.** IQAC conducted Green Audit in March 2020.

- a.** Green practices
- b.** Green initiatives
- c.** Green landscaping with trees and plants
- d.** Solid waste management
- e.** Liquid waste management
- f.** E-waste management
- g.** Rain water harvesting structures and utilization in the campus
- h.** Efforts towards green consciousness on the campus
- i.** Total number of trees in the campus
- j.** Carbon neutrality in the campus

*Veritate Lumen et Vita*  
Light and Life through Truth



## **ST. XAVIER'S COLLEGE**

Founded in **1923**

run by the Jesuits of Madurai Province

Website: [www.stxavierstn.edu.in](http://www.stxavierstn.edu.in)