



**ST. JOHN'S COLLEGE PALAYAMKOTTAI  
TIRUNELVELI – 627 002**

[sjc1878@stjohnscollege.edu.in](mailto:sjc1878@stjohnscollege.edu.in), [www.stjohnscollege.edu.in](http://www.stjohnscollege.edu.in)



# Annual Academic Audit Report

---

**2017-18**

**Department of English**

**28<sup>th</sup> & 29<sup>th</sup> August 2018**

## Table of Contents

1. Introduction .....	2
2. Objectives of Academic Auditing: .....	2
3. Academic Audit Panel Members.....	2
4. Schedule of the Annual Academic Audit.....	3
5. Department Profile .....	4
5.1 List of Pioneers .....	5
5.2 Best Practices of the Department.....	6
5.3 Infrastructure in the Department.....	6
5.4 Department Library Facilities .....	7
5.5 Milestones of the Department.....	7
5.6 Faculty Profile.....	7
5.7 List of the Faculty members .....	8
6. Students' community-wise statistics.....	9
7. Curriculum.....	10
7.1 Program structure.....	10
8. Course Evaluation Pattern.....	14
9. Students' Performance and Learning Outcome .....	14
10. List of Rank Holders.....	15
11. Department Activities.....	15
12. Result analysis.....	21
13. Staff participation in Orientation/ Refresher programs.....	32
14. List of Ph.D. scholars.....	32
15. Students Qualified in State/National/International Level Examinations.....	32
16. Outcome of students' meeting.....	33
17. Outcome of faculty meeting.....	33
18. Overall assessment.....	33
19. Suggestions.....	33
20. Conclusion.....	33
21. Signature of the Academic Panel Members.....	34

## Academic audit report 2017-2018

### 1. Introduction

The Academic Audit of the Department was conducted on 28<sup>th</sup> and 29<sup>th</sup> of August, 2018. The purpose of the Audit is to provide the opportunity for a regular strategic overview of the entirety of a Department's Teaching and Learning activity. The Self Evaluation Document (SED) of the Department was presented to the panel. The Panel Members investigated the different aspects of the Document, and authenticated them with the supporting evidences. This report consolidates the findings of the panel and put forth the suggestions and area of improvements possible in the future.

### 2. Objectives of Academic Auditing

- To evaluate the academic performance of every faculty member in the department.
- To identify the strengths and limitations of the department.
- To confirm maximum output from the faculty members as well as the students.
- To ensure proper guidelines for both the teaching faculty and the students/ researchers.

### 3. Academic Audit Panel Members

#### Chair Person

Dr.R. Jeya Sundararaj,  
Head, Department of English and Research Center,  
St John's College, Palayamkottai,  
Tirunelveli- 627002,  
Tamil Nadu.  
Phone- 9994192448,  
Email: [rajjeysundar@gmail.com](mailto:rajjeysundar@gmail.com)

#### Coordinator

Dr. J. Pinky Diana Evelyn,  
Assistant Professor of English,  
St John's College, Palayamkottai,  
Tirunelveli- 627002,  
Tamil Nadu.  
Phone: 9566990595,  
Email: [pinkydthinakarr@gmail.com](mailto:pinkydthinakarr@gmail.com)

#### Subject Expert-1

Dr. Jessica Selwyn,  
Head, Department of English and Research Center,  
Sarah Tucker College,  
Tirunelveli-7.  
Phone: 9486777795,  
Email: [jessicaselwyn@gmail.com](mailto:jessicaselwyn@gmail.com)

#### Subject Expert-2

Dr. Felicia Gladys Manoah,

Associate Professor,  
Department of English and Research Center,  
Sarah Tucker College,  
Tirunelveli-7.

Phone: 9843441516

Email: [feliciamanoah@gmail.com](mailto:feliciamanoah@gmail.com)

**Industry Expert**

Mr. T. S. Sundersingh,

Gazetted officer,

Agriculture Department.

Phone: 9842180700

Email: [tssundersingh@gmail.com](mailto:tssundersingh@gmail.com)

**4. Schedule of the Academic Audit (2017- 2018)**

**Day I (28-8-18)**

<b>Time</b>	<b>Activity</b>
9.30am to 10.00am	Entry meeting of the panel with the principal and IQAC coordinator in Principal's office.
10.15am to 11.15am	Department presentation in the Department along with IQAC coordinator and the panel.
11.15am to 11.30am	Tea break
11.30am to 12.30 pm	Meeting the staff.
12.30pm to 1.30pm	Lunch break
1.30pm to 2pm	Meeting the research scholars and MPhil students.
2pm to 2.30pm	Meeting the PG students
2.30pm to 3pm	Meeting the UG students
3pm to 3.15pm	Tea break
3.15pm to 4.30pm	Meeting the student leaders.

**Day II (29-8-18)**

<b>Time</b>	<b>Activity</b>
9.30am to 10.30am	Visiting the Infrastructure
10.30am to 11.15am	Verifying the audit report and the supporting evidences



11.15am to 11.30am	Tea break
11.30am to 12.30pm	Verifying the audit report and the supporting evidences.
12.30pm to 1.30pm	Lunch break
1.30pm to 3.30pm	Preparation of the audit report by the Panel
3.30pm to 4.30pm	Exit meeting with principal and IQAC Coordinator.

## 5. Department profile

The Department of English of St John's is as old as the college itself-140 years and it has the unique honour of having had native speakers of English as faculty members. Names of former Professors like the Revd. Schaffter, Bennett and Philip Lea, all from England, have added charm and attraction to this Department.

From a humble beginning, the Department keeps growing, catering to the academic and intellectual needs of many. At first, English was offered as a compulsory Language Paper for Intermediate and Degree courses. In the year 1968, taking into account the growing demand of the students to study English Literature as a major subject, a special graduation course in English was introduced. The desire to graduate with English as the major subject kept growing and hence the approved strength in the undergraduate course was raised to 40 in each class. The Department of English was able to produce a number of University rank holders each year in the Madurai University and for a long time the renowned writer and thinker, Prof. D. A. Thangasamy was heading the Department.

Having been much rated by its productive performance resulting in moulding the future leaders of the society like IAS Officers, Central Ministers, Executives in the Police Department, Administrators in Central Excise, Professors and Principals in various Universities and Colleges all over India. The Department went for up-gradation with the university's approval and government grant, the Post Graduation course (M.A) in English was introduced from 1971 onwards. Both men and women students were admitted to the PG course in English. Dr. Francis Soundararajan became the first head of the Post Graduate Department of English of St. John's heading a team of 22 Professors and Assistant Professors.

As expected, the Department of English continued to produce Gold Medalists year after year and today it can boast of its proud alumnae shining in various walks of life as world famous musicians and singers, straightforward IAS/IPS officers, popular politicians and many great academicians.

Right now there are around 190 students in the B.A. course and 60 in M.A. There are 16 members in the faculty of English and all of them are experts in their own fields. Most of our staff members are Ph.D. degree holders and many more are on the verge of completing their Ph.Ds. Many faculty members have been guiding Research Scholars of M.Phil. and Ph.D.

The Department of English also produces nearly 15 M.Phil scholars every year. The course is not only research but also in career-orientation and the faculty members are qualified in every way to guide M.Phil. Scholars.

### 5.1 List of pioneers

1.	<b>Rev. H.J. Schaffter</b>
2.	<b>Rev. H.P. Young</b>
3.	<b>Rev. C.W.F. Bennett</b>
4.	<b>Bp. G.T. Selwyn</b>
5.	<b>Mr. Walter George</b>
6.	<b>Bp. Thomas Garrett</b>
7.	<b>Rev. Philip Lea</b>
8.	<b>Rev. H.J.M. Turner</b>
9.	<b>Prof. G. John Devadasan</b>
10.	<b>Prof. D.S. George Muller</b>
11.	<b>Prof. D.A. Thangasamy</b>
12.	<b>Rev. Dr. H. Francis Soundararaj.</b>
13.	<b>Prof. G. Samuel Ebenezer</b>
14.	<b>Prof. Immanuel B. Asirvatham</b>
15.	<b>Dr. Vedamani Balraj</b>
16.	<b>Dr. P. Iyadurai</b>
17.	<b>Dr. R.S. Arulanandham</b>
18.	<b>Prof. Leslie I. Jacob</b>

19.	Prof. A. Jesuraja
20.	Prof. S. Rajapandian
21.	Dr. P. Kanagaraj
22.	Dr. J. Baskar Joel
23.	Dr. S. Mark Joseph
24.	Dr. P. Navaraj Chandrasekaran
25.	Dr. R.K. Jacob
26.	Prof. C.M.I.Singaraj
27.	Prof. T. Karunaharan
28.	Dr. E. Diwahar Abraham Devadason
29.	Dr. Ida.P.Joseph
30.	Dr. E. Edward David Sundararaj
31.	Mr. Daniel Augustine Karunaharan
32.	Dr. M.B. Reginald Prithviraj

### 5.2 Best practices of the department

For The Student By The Student.

Constructing The Character.

### 5.3 Infrastructure in the Department

S. No.	Items	Verification (Yes/No)	Comments
1	No. of class rooms	Yes	Five
2	Computers for teachers	Yes	Available
3	Computers for scholars	Yes	Available

4	Internet access and related software	Yes	Available
5.	Uninterrupted Power Supply	Yes	Available
6.	Water Supply	Yes	Available

#### 5.4 Department Library Facilities

Total No. of Books Available	Total No. of Journals Available	Total No. of Computer Systems with Internet Facilities
4500	84	1

#### 5.5 Milestones of the Department

- BA English Literature Course was established in 1969.
- MA English Literature Course was established in 1971.
- MPhil English Literature was introduced in 2008
- Department of English was upgraded as a research centre in 2013.
- 1 candidate was awarded PhD this year.

#### 5.6 Faculty profile

Faculty strength	Total staff-20 Regular-13 SF- 7 Men(R)- 6 Men (SF)-5 Women (R)-3 Women (SF)-2
Qualification	(R) PhD- 8, PhD pursuing-5
NET/SET Qualified	NET-2 SET-3 (SF-1)

### 5.7 List of Faculty Members

S.No.	Name of the staff	Designation	Qualification	Roles & Responsibilities	Date of joining	Teaching experience in years
1.	Dr. R. JeyaSundararaj	HOD, Associate Professor	M.A., M.Phil., Ph.D.	Head of the Department.	25/6/1984	33
2.	Dr. B. BenesonThilagarChristadoss	Associate Professor	M.A., M.Ed., M.Phil., Ph.D.	Career guidance, seminar committee	15/3/2000	17
3.	Dr. D. Nalina Palin	Associate Professor	M.A., M.Phil., Ph.D.,	AIACHE	15/3/2000	17
4.	Mr. R. Heiz Dawson	Associate Professor	M.A., M.Phil.		18/8/2000	17
5.	Dr. K. Vijila	Associate Professor	M.A., M.Phil., M.Ed.		18/8/2000	17
6.	Mr. J. Jebaraj Kingsley Zecheriah	Assistant Professor	M.A., M.Phil.	Fine arts, Students welfare cell	18/3/2014	3
7.	Mr. U.Kethrapal	Assistant Professor	M.A., M.Phil., SET		2/7/2014	3
8.	Mr. S. Christoher Jacob	Assistant Professor	M.A., M.Phil., NET		11/12/2014	3
9.	Mr. F. Shophet Peter Benedsingh	Assistant Professor	M.A., M.Phil., NET		15/12/2014	3
10.	Dr. A. Rathina Prabhu	Assistant Professor	M.A., PhD.,		17/10/2016	1
11.	Dr. J. Pinky Diana Evelyn	Assistant Professor	M.A., M.Phil., Ph.D.,		17/10/2016	1
12.	Mrs. R. AntoSindhuja	Assistant Professor	M.A., M.Phil., SET		4/10/2017	Newly appointed
13.	Mr. Samuel Jude Frank	Assistant Professor	M.A., SET.		11/10/2017	Newly appointed
14.	Mr C. Samuel	Assistant Professor	NET (MBA), MA.,		5/9/2014	3

			M.Phil.,SE T.,			
15.	Mr. J. Robin	Assistant Professor	MA., M.Phil.,NE T		18/6/2014	3

### SF

S. No.	Name of the staff	Designation	Qualification	Date of joining	Teaching experience in years
1.	Mr. K. Paul Joel	Assistant Professor	M.A., M.Phil.	15/06/2009	8
2.	Mr. D. Gladwin	Assistant Professor	M.A., M.Phil.	3/7/2012	5
3.	Mrs. A. Vijaya Lakshmi	Assistant Professor	M.A., B.Ed., M.Phil.	18/6/2014	3
4.	Mr. S. Sam VasanthaKumar	Assistant Professor	M.A., B.Ed., M.Phil.	16/6/2017	Newly appointed
5.	Mr. S. Daniel Vethasigamani	Assistant Professor	M.A., M.Phil.	7/7/2017	Newly appointed
6.	Mrs. S. Asha Glory	Assistant Professor	M.A., B.Ed., SET	18/7/2017	Newly appointed
7.	Mr. V. Sathish (Part time)	Assistant Professor	M.A., M.Phil.	3/1/2013	4

### 6. Students' community wise statistics (2017-2018)

	SC	ST	OBC	OC	Minority	Total
Department of English UG	5	0	18	1	40	64
Department of English UG SF	9	0	27	2	22	60
Department of English PG	3	0	9	0	23	35
Department of English PG SF	2	0	5	4	17	28
Department of English MPhil	1	0	10	0	4	15

## 7. Curriculum

- The curriculum is scrutinised periodically.
- More interactive programs are implemented.
- Campus placement carried out job fairs.

### 7.1 Program structure

#### BA Program structure

Sem	Part I/II/III/IV/V	Sub. No.	Subject Status	Subject title	Hrs/we ek	Credits	Maximum marks			Passing minimum		
							Int	Ext	Total	Ext	Tot	
III	I	13	Language	TAMIL/OTH ER LANGUAGE	6	3	25	75	100	30	40	
	II	14	Language	ENGLISH	6	3	25	75	100	30	40	
	III	15	Core-5	BRITISH POETRY	6	5	25	75	100	30	40	
	III	16	Allied-III	HISTORY OF  ENGLISH  LITERATUR E-I	6	5	25	75	100	30	40	
	IV	17	Skill based subject-I	PHONETICS AND  SPOKEN ENGLISH	4	4	25	75	100	30	40	
	IV	18	Non Major Elective-I	ENGLISH FOR  EMPLOYABI LITY	2	2	25	75	100	30	40	
	SUB TOTAL					30	22					
Sem	Part I/II/III/IV/V	Sub. No.	Subject Status	Subject title	Hrs/we ek	Credits	Maximum marks			Passing minimum		
							Int	Ext	Total	Ext	Tot	
	I	19	Language	TAMIL/OTH ER LANGUAGE	6	3	25	75	100	30	40	
	II	20	Language	ENGLISH	6	3	25	75	100	30	40	

IV	III	21	Core-6	BRITISH DRAMA	6	5	25	75	100	30	40	
	III	22	Allied-IV	HISTORY OF ENGLISH LITERATUR E-II	6	5	25	75	100	30	40	
	IV	23	Skill based subject-II	ECO ENGLISH	4	4	25	75	100	30	40	
	IV	24	Non Major Elective-II	BUSINESS COMMUNIC ATION	2	2	25	75	100	30	40	
	V	-	Extension activity	NCC, NSS, YRC, YWF		1						
	SUB TOTAL					30	23					
Sem	Part I/II/III/IV/V	Sub. No.	Subject Status	Subject title	Hrs/we ek	Credits	Maximum marks			Passing minimum		
V							Int	Ext	Total	Ext	Tot	
	III	25	Core - 7	NON- FICTION	7	5	25	75	100	30	40	
	III	26	Core - 8	LITERARY CRITICSAND APPROACHE S	7	5	25	75	100	30	40	
	III	27	MajorElect ives(select 2coursesou t of 3)	A)  CANADIAN LITERATUR E	6	5	25	75	100	30	40	
	III	28		B) JOURNALIS M ANDMASSC OMMUNICA TION	6	5	25	75	100	30	40	
	IV	29	SkilledBas edsubject( Common)	Personality Development/ Effective Communicatio n/Youth Leadership	4	4	25	75	100	30	40	
	SUB TOTAL					30	24					
Sem	Part	Sub.	Subject	Subject title	Hrs/we	Credits	Maximum marks			Passing		



	I/II/III/IV/V	No.	Status		ek				minimum		
						Int	Ext	Total	Ext	Tot	
VI	III	30	Core -9	SHAKESPEARE	6	5	25	75	100	30	40
	III	31	Core - 10	SOUTH ASIA LITERATURE IN ENGLISH	6	5	25	75	100	30	40
	III	32	Core-11	SHORT STORIES AND ONE ACT PLAYS	6	5	25	75	100	30	40
	III	33	Core-12	REGIONAL LITERATURE IN TRANSLATION	6	5	25	75	100	30	40
	III	34	Major Electives- III(Select 1 out of 2)	AFRICAN LITERATURE	6	5	25	75	100	30	40
		WRITING FOR THE MEDIA									
	SUB TOTAL					30	25				

### PG Program Structure

#### I Semester

Core Subjects:	Hrs	L	T	Credits
Modern Literature I	6	2	4	4
Modern Literature II	6	2	4	4
Romantic Period	6	2	4	4
Indian Writing in English	4	4	-	4
Literature and Gender (Elective I)	4	2	2	3
African Literature (Elective II)	4	2	2	3
Total ( 6 Courses)	30			22

## II Semester

<b>Core Subjects:</b>	<b>Hrs</b>	<b>L</b>	<b>T</b>	<b>Credits</b>
Victorian Age and the Age of Hardy	6	2	4	4
Literary Theory and Criticism I	6	2	4	4
Indian Writing in English Translation	6	2	4	4
American Literature	4	4	-	4
Communicative English (Elective III)	4	2	2	3
Northeast Indian English Literature (Elective IV)	4	2	2	3
<b>Total ( 6 Courses)</b>	<b>30</b>			<b>22</b>

<b>Sem.</b>	<b>Sub 'Pr.No.</b>	<b>Subject status</b>	<b>Subject Title</b>	<b>Hrs/ week</b>	<b>Credits</b>
III	13	Core – 9	Literary Theory and Criticism II	6	4
	14	Core – 10	World Literature in English Translation	6	4
	15	Core – 11	Shakespeare	6	4
	16	Core – 12	Research Methodology	4	4
	17	Elective -5	Commonwealth Literature	4	3
	18	Elective -6	History of English Language and Linguistics (Elective VI)	4	3
			Sub Total	30	22
<b>Sem.</b>	<b>Sub 'Pr.No.</b>	<b>Subject status</b>	<b>Subject Title</b>	<b>Hrs/ week</b>	<b>Credits</b>
IV	19	Core – 13	Literature and Ecology	5	4
	20	Core – 14	Diasporic Women's Writing	5	4
	21	Core – 15	Postcolonial Writings	4	4
	22	Core – 16	English Language Teaching	4	4
	23	Project	Disserattion	12+	8

			Sub Total	30	24
--	--	--	-----------	----	----

## 8. Course Evaluation Pattern

### UG

Internal Evaluation Pattern		External Evaluation Pattern	
Three CA tests	20	Section A-10X1	10
Assignment	5	Section B-5X5	25
Total	25	Section C-5X8	40
		Total	75

### PG

Internal Evaluation Pattern		External Evaluation Pattern	
Three CA tests	15	Section A-10X1	10
Assignment	5	Section B-5X5	25
Seminar	5	Section C-5X8	40
Total	25	Total	75

### Mphil

Internal Evaluation Pattern		External Evaluation Pattern	
Three CA tests	15	Section A-10X1	10
Assignment	5	Section B-5X5	25
Seminar	5	Section C-5X8	40
Total	25	Total	75

## 9. Student performances and learning outcomes:

Program name	Program specialisation	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass percentage
MPhil	English	15	15	100
BA	English	60	47	78.33
MA	English	29	29	100

## 10. List of Rank Holders

Name	Subject	Rank
Pavithra A	Major	9
Sona Jenifer M	Major	15
Golda Kezia Angelin	Major	16
Jane Praveena J	Major	18
Golden Rathis (Regular)	Tamil	5

## 11. Department Activities:

### Report 2017-2018

16.07.17	College Reopens  MBR rejoins and takes ML for the next two months
16.07.17	I Year students entry  First Department meeting at 12:10PM with RJS as Head in Charge
21.06.17 & 22.06.17	Orientation program offered for the first years. All the first years were divided into eight groups. The last session of the first day was handled by Dr. ARP at the auditorium. The last session of the second day was handled by Dr. Beneson.  The following topics were discussed  1. Basics of grammar  2. Importance of English  3. Vocabulary  4. Communicative / Functional English

	<p>5.Use of library /e-resource</p> <p>6.Classroom etiquette</p>
29.06.17	Pre PhD Viva Voce was conducted for the scholar of Dr.R.Jeya Sundararaj. Miss. Priyanka from Erode.
30.06.17	<p>Pre PhD Viva Voce for Mr.Pradeep kumar was conducted at the research library of the Department of English. His title was “A Step Towards a paperless Environment, Strategies for developing a new curriculum using BLC Design for the ESL Students in Tamilnadu”.</p> <p>Dr.Jessica Selwyn,the guide was present along with the co-guideDr.RJS .</p>
03.07.17	<p>PhD Public Viva Voce was conducted for Mr. S.Ramanathan in the Research Library of the Department of English at 11:30 AM. His title was “Indian Society and Existential Strategies of Dalits in the Fiction of Bama”. Dr.M.A.K.Sukumar,Emeritus,Professor.&amp;Head, Sri Venkateshwara University,Tirupathur was the External Examiner. Dr.Kanna Muthiah&amp;Sadan was the guide.Dr.RJS was the Co-guide.</p>
	<p>Staff meeting was conducted.</p> <p>Agenda: First Round of Internal Tests</p>
27.07.17	Welcome party –PG
28.07.17	<p>Two Pre PhD Viva were held.</p> <p>1.Mr.Daniel Vedasigamani</p> <p>2.Mr.A.Andrew (RJS Sir’s)</p>
07.07.17	‘Doctorial Committee’ was held with Dr.Jessica and Dr.RJS as its members at the Research library at 2 P.M
11.07.17	‘Antony and Cleopatra’ movie was screened for the 2 <sup>nd</sup> MA Students
12.07.17	Freshers meet –welcome party was offered by the 2 <sup>nd</sup> and 3 <sup>rd</sup> year students to the first years (freshers)

	Principal gave a felicitation address
17.07.17	First year PG's Arrival ( orientation )
18.07.17	Regular classes for first year PG
19.07.17	Staff Members from the department started handling classes for I MA English (SF)
20.07.17	'Pygmalion' a movie version was screened for 3 <sup>rd</sup> BA Students
31.07.17	Mr.Garret joined the department of English as Assistant Professor  First Internal exam began
08.08.17	Special meeting for UG students (Beneson Sir organized)  Professor Abiya and Professor Kathiravan delivered motivational address in Research library at 11:15 AM
12.08.17	"RACLIT"- an Inter-collegiate cultural competitions was held at Rani Anna College. Seventeen Colleges participated .The Department of English of St. Johns college won the overall championship shield .
28.08.17	Inauguration of literary association.  Dr. vasuki , Head Incharge ,English Department of MS University was the chief guest .Mr. UK was the coordinator.
30.08.17	M.Phil viva was conducted &seventeen of our scholars were present at the English Research library
04.09.17	Department meeting  Agenda: English Department  Dr.B.Beneson assigned the task of coordinating this.
18.09.17	A Special lecture on " Company Secretary ship" given to the Iyear students at 11:15 AM. This program was organized by Dr.Beneson

26.09.2017

The Research Department of English, St. John's College organised a one day workshop on 'Critical Theory Today', on 26<sup>th</sup> September 2017. Dr. A. Xavier Chandra Bose, Associate Professor and Head of the Research Department of English, Lakshmipuram College of Arts and Science, Nagarcoil, was the resource person of the one day workshop.

Mr. U. Kethrapal, Assistant Professor of English welcomed the gathering. Presidential Address was given by Dr. S. John Kennady, the honourable principal. The enthusiastic participants were felicitated by Dr. R. JeyaSundararaj, the head of the department of English. Mr. S. Christopher Jacob, Assistant Professor of English introduced the resource person to the audience.

The special lecture delivered by Dr. Xavier Chandra Bose was focussing on tradition of the literary theories, their past, their current position and their future. The history of literary theory starts from Greek philosophers Socrates, Plato and Aristotle. They laid foundation to the theories. Plato's *Republic* and Aristotle's *Poetics* were considered the classical literary theory texts.

Though the theories originated with the Greek scholars, twentieth century was considered the golden period for theories. Theories which exist today were mostly invented or popularized during the twentieth century. He explained how the theories dominated the literary world and as a result of it how new criticism arrived which decentred criticism and encouraged a pure reading of literature.

At the end of the workshop, the resource person clarified the doubts of some students who eagerly asked him some clarifications.

The program came to an end with the vote of thanks. Mr. J. JebarajKingsly Zechariah, Assistant Professor of English delivered the vote of thanks.

The inauguration of the literary association was conducted on 28<sup>th</sup> of August, 2017 in the presence of the secretary and the principal. Dr. R. Vasuhi was the chief guest of the program. JOLIT FEST 17 was conducted on 18<sup>th</sup> of March, 2017 in the presence of the secretary and

	<p>the principal. Dr.B.Jeyanthi was the chief guest of the function .</p> <p>The valedictory function of English literary association was conducted on 09 April, 2018 in the presence of the secretary and the principal Dr.A.Nithamathullah was the chief guest of the program.</p>
07.10.17	Mrs. Sindhuja and Mr. Samuel Jude Frank joined duty.
30.10.17	<p>Ph.D. Viva voce Miss. S. Veera lakshmi Guide: Dr.RJS</p> <p>Convener: Dr. T. Marx</p> <p>Title: “The Great Dominican Diaspora and Multiculturalism in the selected works of Junot Diaz”</p>
31.10.17	“Far from the Madding Crowd” was screened for I year students by Prof. Robin
31.10.17	<p>Department Meeting</p> <p>Agenda:</p> <ol style="list-style-type: none"> <li>1. Consolidation and Internal Marks</li> <li>2.Even Semester –Time Table-Syllabus-Plan</li> <li>3.Proceedings of the SCAA</li> <li>4.Other Matters</li> </ol>
02.11.17	Dr.B.Beneson & Dr.Prabhu went for an Orientation Program at the University.
06.11.17	Last working day of the semester
.12.17	The semester begins
02.01.18	<p>College reopened again for the New year</p> <p>Dr. B.Beneson gave a special lecture on Interview Skills at 11:15AM for I MA Students</p>
04.01.18	<p>“Aaranya kaandam” movie was screened for the II M.A students.</p> <p>Prof.SCJ reviewed this movie as it comes under ‘Cult Movie’ category</p>



04.01.18	<p>Department Meeting</p> <p>Agenda:</p> <ol style="list-style-type: none"> <li>1. Internal Tests</li> <li>2. Question pattern for PG</li> <li>3. Semester plan</li> <li>4. Other matters</li> </ol>
05.01.18	.Dr.Vijila gave a special lecture on Victorian age at 9:15 AM for I MA Students
08.01.18	Dr.B.Beneson delivered a speech on Interview Techniques for I MA Students
09.01.18	Dr. K. Vijila gave a special lecture on Victorian age at 9:15 AM for I MA Students
10.01.18	Professor .Christopher Jacob conducted a class on Media Studies for II MA Students at 9:15 AM
18.01.18	Dr.B.Beneson delivered a note on Interview Techniques for I MA at 9:15AM
23.02.18	“ENTHUSIA” an Inter collegiate cultural competitions was held at Parasakthi College, Coutrallam. The Department of English of St.John’s College won the overall runnerup shield.
23.02.18	The Department of English of St.John’s College won the overall Championship shield in the Literary Event held at Don Bosco College .
14.03.18	“Art Beat” ” an Inter collegiate cultural competitions was held at St.Xavier’s College, Palayamkottai. The Department of English of St.John’s College won the overall runner-up shield.
23.03.18	Dr.B.Beneson gave lecture on “King Lear” for III BA Students at 9:15 AM
26.03.18	Prof.Samuel delivered a lecture on Exodus: God’s &Kings for the II

	MA Students at 8:30 AM
27.03.18	Prof.S.Christopher Jacob gave a note on Sivakami's Interview for I MA Students at 8:20AM
27.03.18	Dr.B.Beneson screened "Harry Potter" movie for II MA Students at 9:15 AM
02.04.18	Dr.K.Vijila gave a lecture on Life of Pie for III BA Students at 9:20AM
13.04.18	Dr.B.Beneson gave a awareness program on reading English News Paper for I year students at 11:25AM
13.04.18	Rev. Fr.Robin gave a guest lecture on Easterin Kire's "When the River Sleeps"

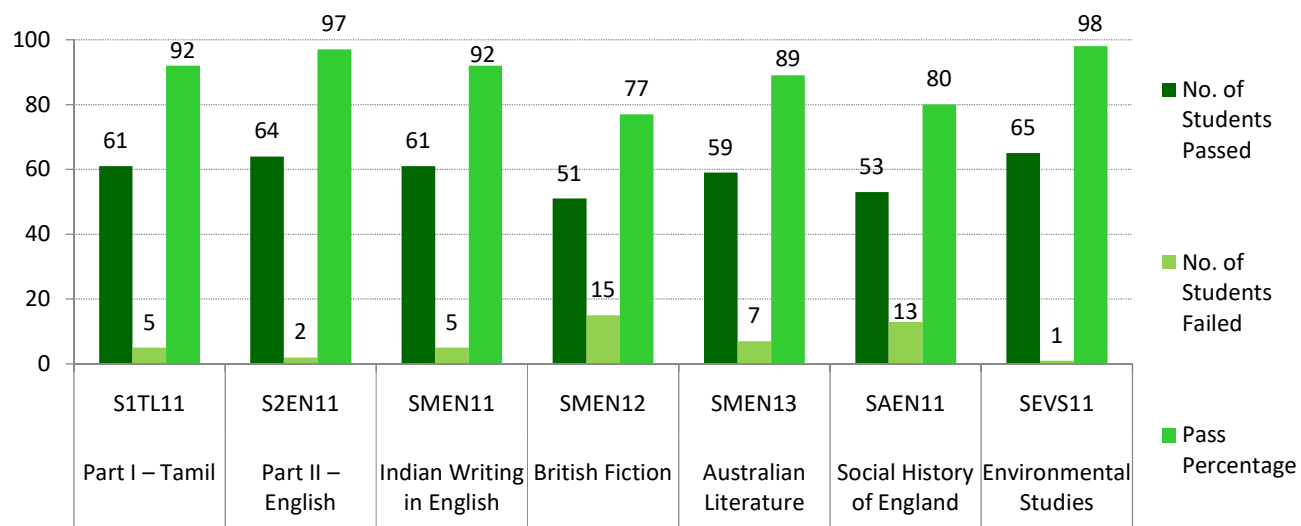
## 12. Result Analysis

Year	Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination
2017 - 2018	00EC	B. A English	60	47
2017 - 2018	00EH	B. A English with C. A	45	27
2017 - 2018	KENG	M. A English	29	29
2017 - 2018	NIENG	M. Phil English	15	15

## RESULT ANALYSIS - NOVEMBER 2017

### I Year B.A. English Literature

Sl. No.	Subject Name	Subject Code	No. of Students Passed	No. of Students Failed	Pass Percentage
1	Part I - Tamil	S1TL11	61	5	92
2	Part II - English	S2EN11	64	2	97
3	Indian Writing in English	SMEN11	61	5	92
4	British Fiction	SMEN12	51	15	77
5	Australian Literature	SMEN13	59	7	89
6	Social History of England	SAEN11	53	13	80
7	Environmental Studies	SEVS11	65	1	98



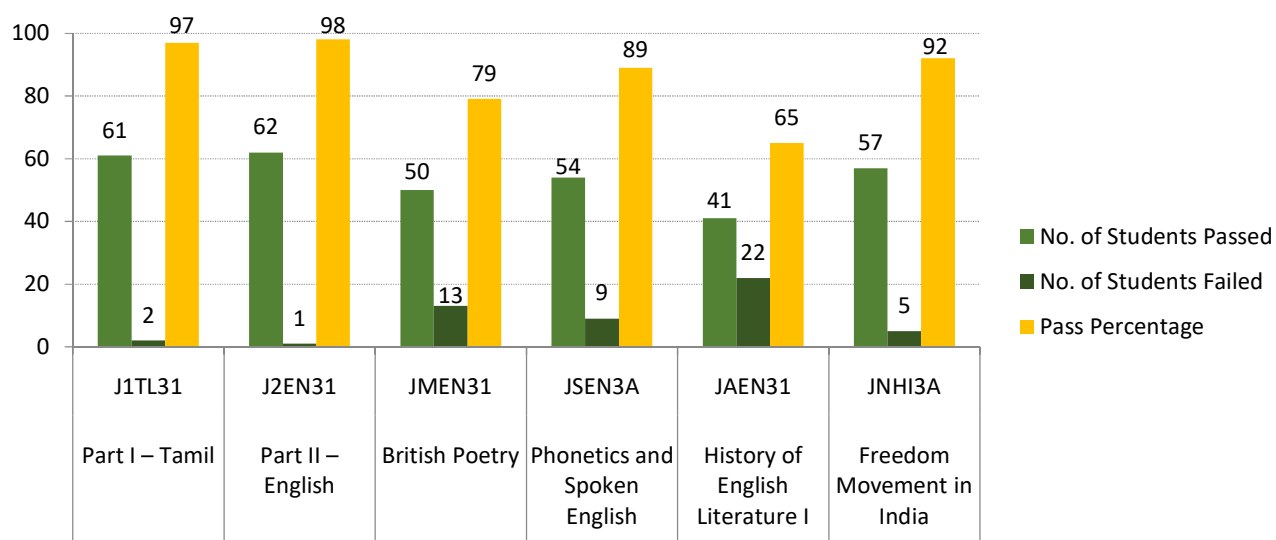
### **Inference:**

The above table shows that only 77% of the students were able to pass the subject "British Fiction" and in the other major subjects the result is good. Additional resources and care should be given to the students particularly the major subjects so that they can clear the subject without arrear.

RESULT ANALYSIS – NOVEMBER 2017

II Year B.A. English Literature

Sl. No.	Subject Name	Subject Code	No. of Students Passed	No. of Students Failed	Pass Percentage
1	Part I – Tamil	J1TL31	61	2	97
2	Part II – English	J2EN31	62	1	98
3	British Poetry	JMEN31	50	13	79
4	Phonetics and Spoken English	JSEN3A	54	9	89
5	History of English Literature I	JAEN31	41	22	65
6	Freedom Movement in India	JNHI3A	57	5	92



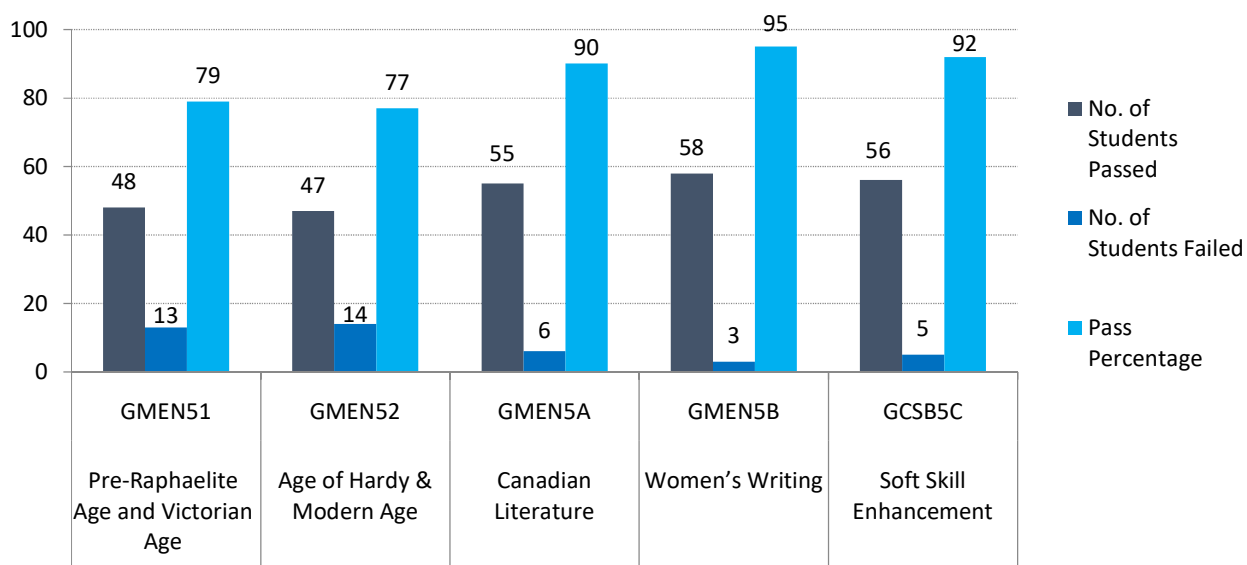
**Inference:**

As the subject “History of English Literature I” is a tough one, only 65% of the students passed it. Proper care and attention is being given to the students so that they can pass “History of English Literature I” and also “British Poetry” in the forthcoming semester examination. Overall result is considerably good.

## RESULT ANALYSIS - NOVEMBER 2017

### III Year B.A. English Literature

Sl. No.	Subject Name	Subject Code	No. of Students Passed	No. of Students Failed	Pass Percentage
1	Pre-Raphaelite Age and Victorian Age	GMEN51	48	13	79
2	Age of Hardy & Modern Age	GMEN52	47	14	77
3	Canadian Literature	GMEN5A	55	6	90
4	Women's Writing	GMEN5B	58	3	95
5	Soft Skill Enhancement	GCSB5C	56	5	92



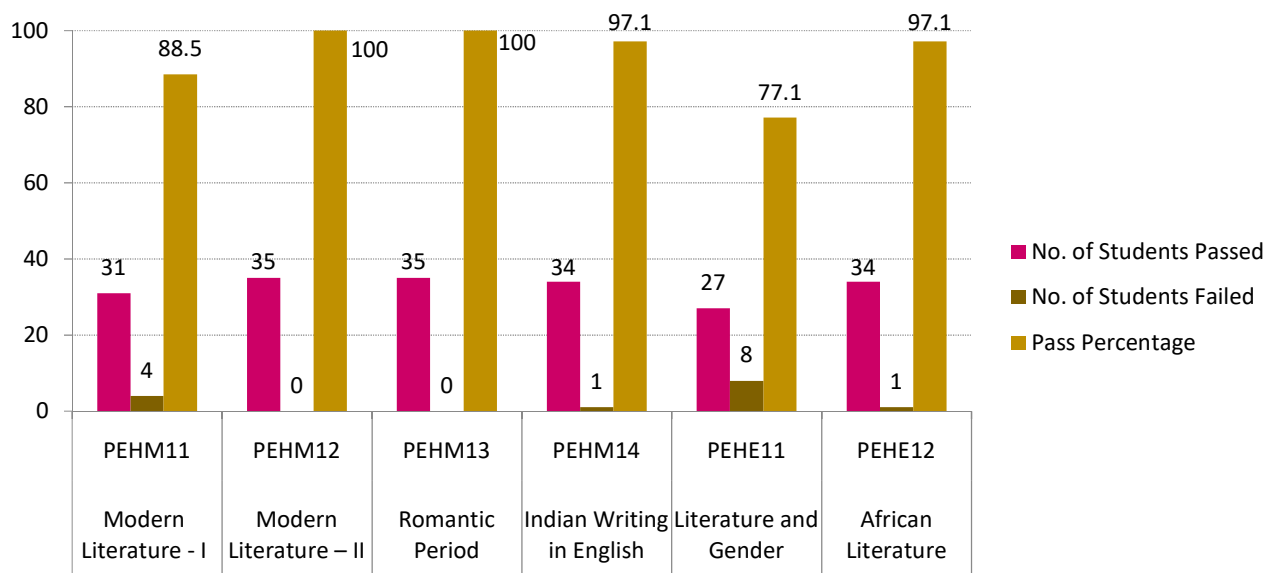
### **Inference:**

Even though proper guidance has been given to students, only 77% of the students passed the subject "Age of Hardy and Modern Age". Only 79% of students got a pass mark in "Pre-Raphaelite Age and Victorian Age". Remedial coaching classes were conducted for the failed students. Overall result is noticeably good.

## RESULT ANALYSIS - NOVEMBER 2017

### I Year M.A. English Literature

Sl. No.	Subject Name	Subject Code	No. of Students Passed	No. of Students Failed	Pass Percentage
1	Modern Literature - I	PEHM11	31	4	88.5
2	Modern Literature - II	PEHM12	35	0	100
3	Romantic Period	PEHM13	35	0	100
4	Indian Writing in English	PEHM14	34	1	97.1
5	Literature and Gender	PEHE11	27	8	77.1
6	African Literature	PEHE12	34	1	97.1



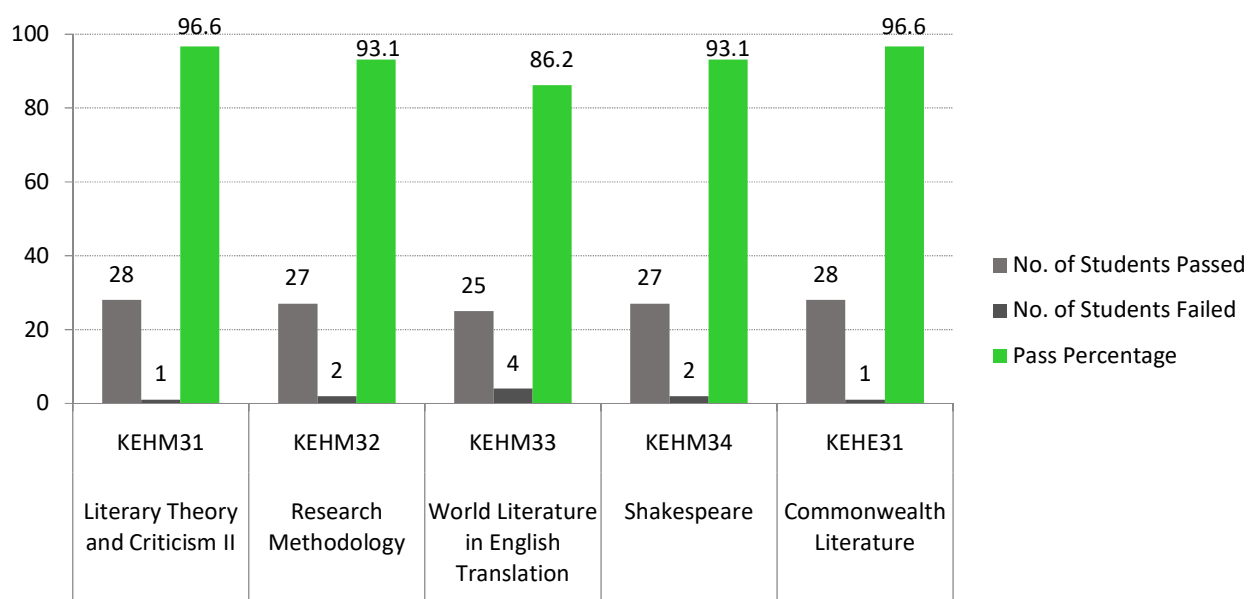
### **Inference:**

100% of the students have passed in two subjects: Romantic Period and Modern Literature - II. Only 77.1% of the students have passed the subject "Literature and Gender" although a considerable amount of care has been given to all the subjects. The faculty provided some extra study materials to those students who have failed in the subjects.

RESULT ANALYSIS - NOVEMBER 2017

II Year M.A. English Literature

Sl. No.	Subject Name	Subject Code	No. of Students Passed	No. of Students Failed	Pass Percentage
1	Literary Theory and Criticism II	KEHM31	28	1	96.6
2	Research Methodology	KEHM32	27	2	93.1
3	World Literature in English Translation	KEHM33	25	4	86.2
4	Shakespeare	KEHM34	27	2	93.1
5	Commonwealth Literature	KEHE31	28	1	96.6



**Inference:**

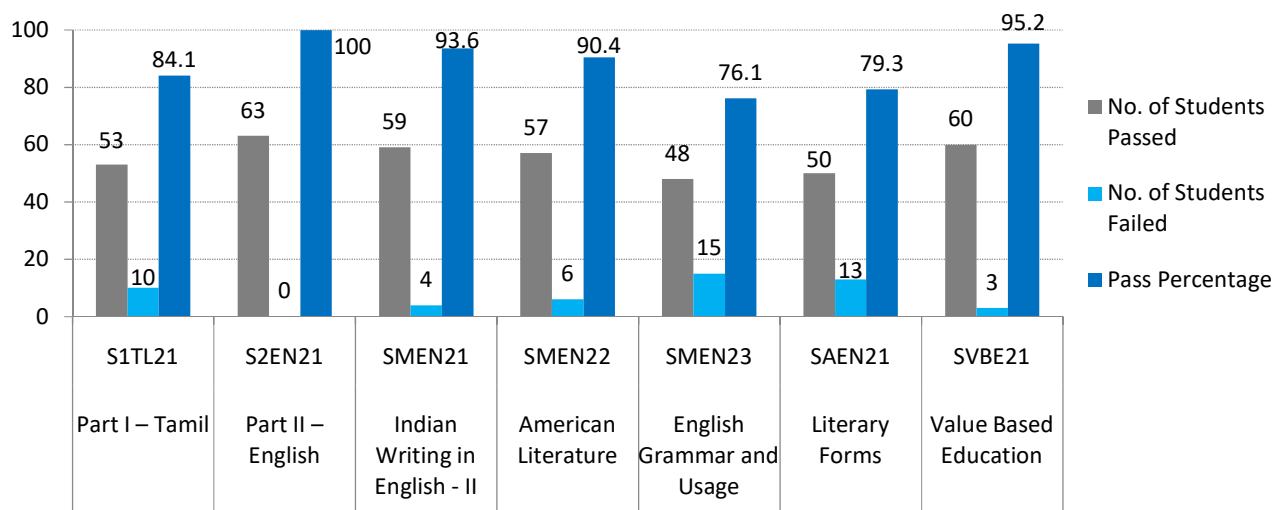
Overall pass percentage is excellent, except “World Literature in English Translation” as only 86.2% of the students have got a pass mark in it. The Lack of study materials might be one

reason for the low percentage of pass in that subject. Due attention has been given to the students who have failed in that subject.

### RESULT ANALYSIS - APRIL 2018

#### I Year B.A. English Literature

Sl. No.	Subject Name	Subject Code	No. of Students Passed	No. of Students Failed	Pass Percentage
1	Part I - Tamil	S1TL21	53	10	84.1
2	Part II - English	S2EN21	63	0	100
3	Indian Writing in English - II	SMEN21	59	4	93.6
4	American Literature	SMEN22	57	6	90.4
5	English Grammar and Usage	SMEN23	48	15	76.1
6	Literary Forms	SAEN21	50	13	79.3
7	Value Based Education	SVBE21	60	3	95.2



#### Inference:

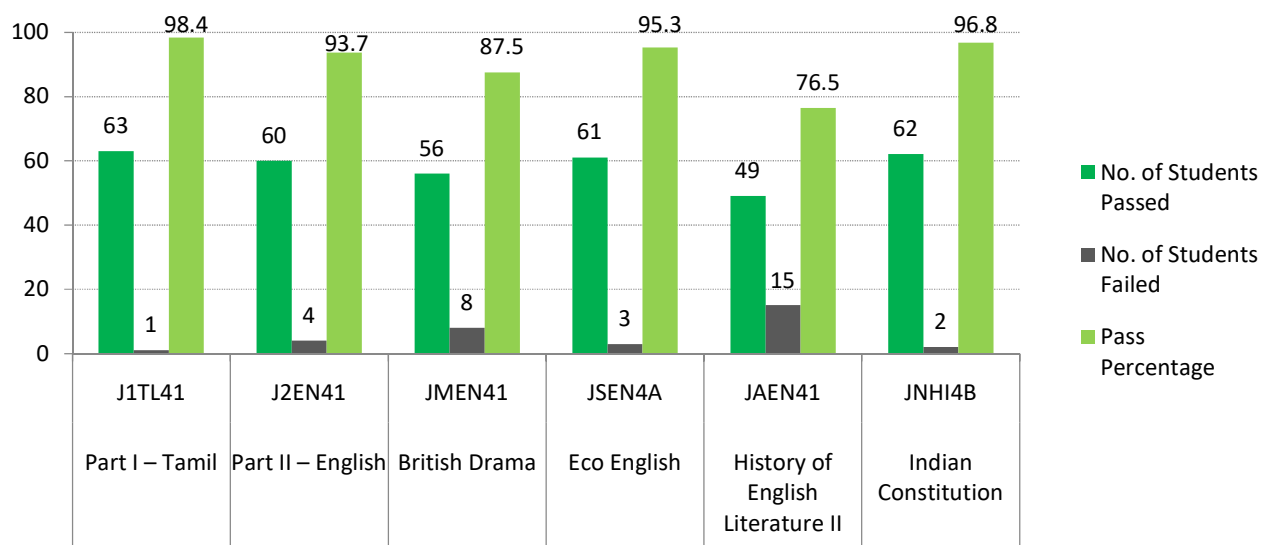


Only 79.3% of the students have passed in “Literary Forms” and in “English Grammar and Usage”, only 76.1% of the students have passed. To those students who failed, remedial classes are being conducted so that they can pass in the forthcoming semester examination.

## RESULT ANALYSIS - APRIL 2018

### II Year B.A. English Literature

Sl. No.	Subject Name	Subject Code	No. of Students Passed	No. of Students Failed	Pass Percentage
1	Part I - Tamil	J1TL41	63	1	98.4
2	Part II - English	J2EN41	60	4	93.7
3	British Drama	JMEN41	56	8	87.5
4	Eco English	JSEN4A	61	3	95.3
5	History of English Literature II	JAEN41	49	15	76.5
6	Indian Constitution	JNHI4B	62	2	96.8



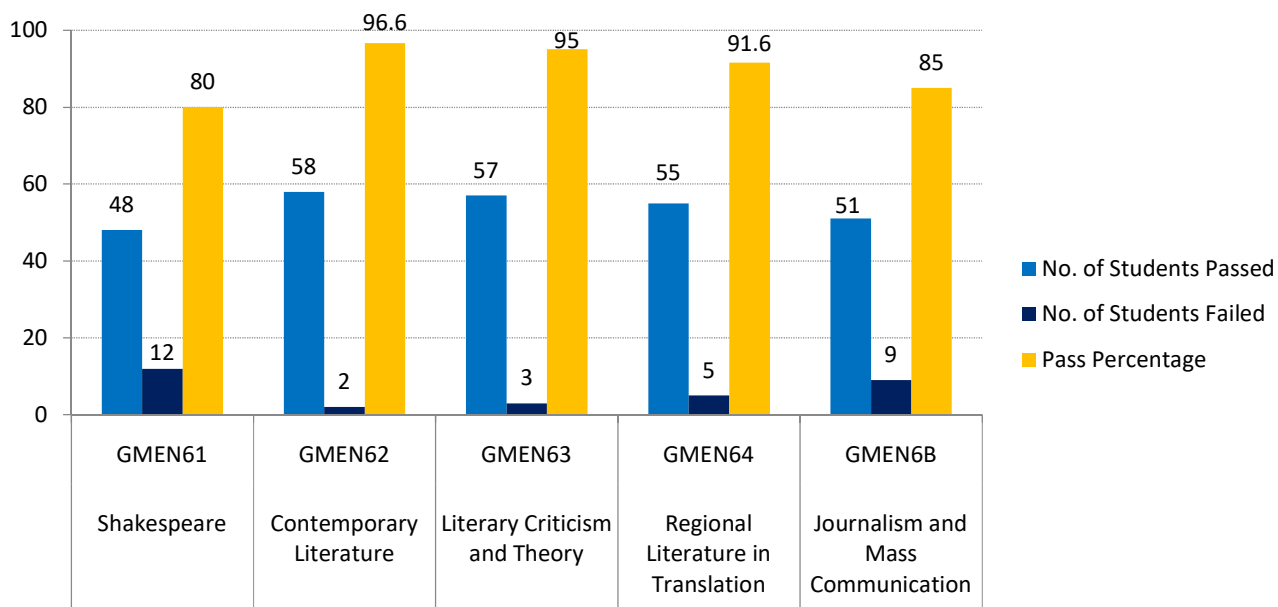
**Inference:**

Overall pass percentage is considerably good except “History of English Literature II” as only 76.5% of the students have got a pass mark in it. The Lack of study materials might be one reason for the low percentage of pass in that subject. Due attention has been given to the students who have failed in that subject so that they can pass in the next semester examination.

## RESULT ANALYSIS - APRIL 2018

### III Year B.A. English Literature

Sl. No.	Subject Name	Subject Code	No. of Students Passed	No. of Students Failed	Pass Percentage
1	Shakespeare	GMEN61	48	12	80
2	Contemporary Literature	GMEN62	58	2	96.6
3	Literary Criticism and Theory	GMEN63	57	3	95
4	Regional Literature in Translation	GMEN64	55	5	91.6
5	Journalism and Mass Communication	GMEN6B	51	9	85



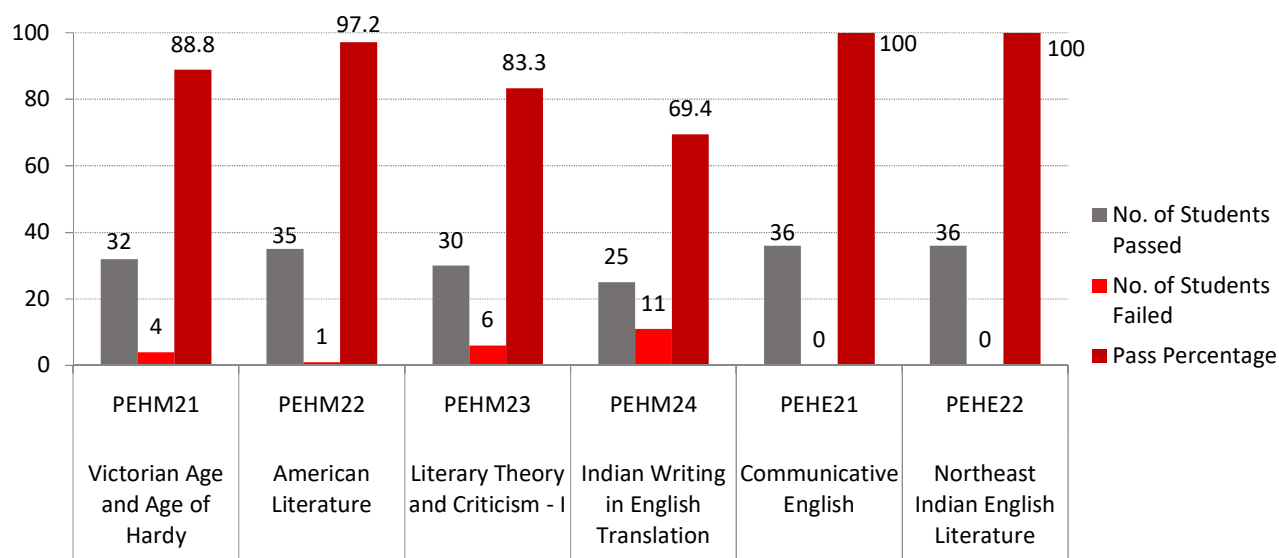
## Inference:

Overall pass percentage is considerably good. The Lack of study materials might be one reason for the low percentage of pass i.e. 80% in "Shakespeare." Due attention has been given to the students who have failed in other subjects also so that they can pass in the next semester examination.

## RESULT ANALYSIS - APRIL 2018

### I Year M.A. English Literature

Sl. No.	Subject Name	Subject Code	No. of Students Passed	No. of Students Failed	Pass Percentage
1	Victorian Age and Age of Hardy	PEHM21	32	4	88.8
2	American Literature	PEHM22	35	1	97.2
3	Literary Theory and Criticism - I	PEHM23	30	6	83.3
4	Indian Writing in English Translation	PEHM24	25	11	69.4
5	Communicative English	PEHE21	36	0	100
6	Northeast Indian English Literature	PEHE22	36	0	100



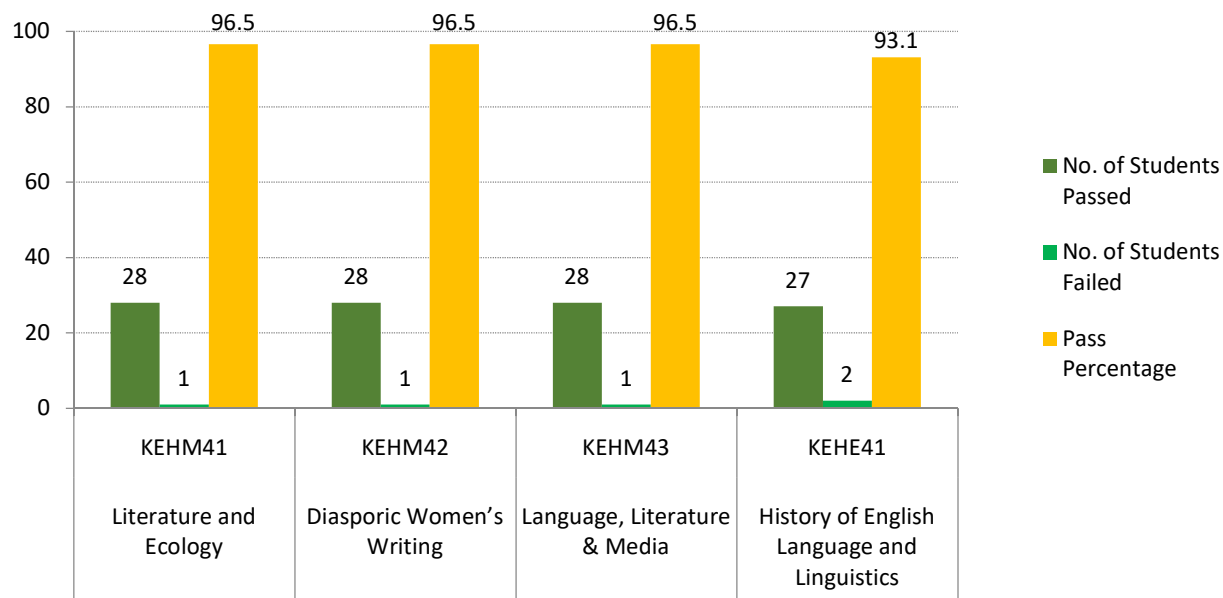
## Inference:

Overall pass percentage is good. Even though “Literary Theory and Criticism I” is a tough subject, 83.3% of the students have passed it. In two subjects: Communicative English and Northeast Indian English Literature, the class as a whole has performed well to achieve 100% pass. Proper improvement action has been taken for Indian Writing in English Translation as only 69.4% of the students got a pass mark.

### RESULT ANALYSIS – APRIL 2018

#### II Year M.A. English Literature

Sl. No.	Subject Name	Subject Code	No. of Students Passed	No. of Students Failed	Pass Percentage
1	Literature and Ecology	KEHM41	28	1	96.5
2	Diasporic Women’s Writing	KEHM42	28	1	96.5
3	Language, Literature & Media	KEHM43	28	1	96.5
4	History of English Language and Linguistics	KEHE41	27	2	93.1



## Inference:

Overall pass percentage is excellent. In three subjects: Literature and Ecology, Diasporic Women's Writing and Language, Literature and Media, the class as a whole has performed well to achieve 96.5% success. Proper care has to be given to "The English Language and Linguistics" as only 93.1% of the students were able to pass it.

### 13. Staff participation in Orientation/ Refresher programs

S.No.	Name of the staff	Name of the program	Conducted by	Program date
1.	Mr. S. Christoher Jacob	Orientation program	UGC-HRDC, Bharadhidasan University	15-11-2017 to 12-12-2017

### 14. Ph.D. Scholars

Name of the scholar	Date of commencement	Ongoing/completed	Name of the guide
MR.S.RAMANTHAM	22.09.2014	Jul-17	DR R JEYASUNDARAJ
MS.Y.VIGILA JEBARUBY	08.02.2010	Sep-17	DR R JEYASUNDARAJ
A KAVITHA	10-08-2017	Ongoing	DR. D. NALINA PALIN

### 15. Students Qualified in State/National/International Level Examinations

Garret Raja Immanuel S – M.A (JRF)	NET (2017-2018)
Pretty Krishnaswamy K – M.A	NET (2017-2018)
Sukumari – M.A	NET (2017-2018)
Y.Rosemathy	SET (2017-2018)
Ajitha V – M.A	SET (2017-2018)
Garret Raja Immanuel S – M.A	SET (2017-2018)
Wilfin John D – M.A	SET (2017-2018)
Priyadharshini S- M.A	SET (2017-2018)

PonGanthimathi M – M.A	SET (2017-2018)
SamVasantha Kumar M – M.A	SET (2017-2018)
Samuel C – M.A	SET (2017-2018)
Supriya M – M.A	SET (2017-2018)
Vimal Pon Singh R – B.A	State GovermentExaminations(2017-2018)
Janish J – B.A	State GovermentExaminations(2017-2018)
Selvin Kumar A – B.A	State GovermentExaminations(2017-2018)

#### **16. Outcome of students' meeting**

- An increased participation in the extracurricular activities
- Access to digital library was given to the students.
- Students suggested improvement for LAN which is not adequate in the department.

#### **17. Outcome of the faculty meetings**

- The interactive programs conducted by the HOD was well appreciated.
- EPF contribution for the Ad-Hoc staff members was discussed.

#### **18. Overall assessment**

- Uniform-free costumes during Saturdays was allowed for the final year students.
- The counselling programs conducted were well received.
- Placement activities and placement related trainings are good.






#### **19. Suggestions**

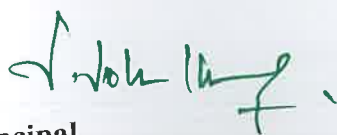
- More number of journals and magazines has to be subscribed.
- More importance to be given to the communication and soft skills of the students.
- Syllabus for research domain may include more areas.
- A new, stable Wi-Fi network proved facility should be provided to the students.

#### **20. Conclusion**

- Facilities provided by the college is appreciated.
- The students find the library resourceful.
- Digital librarydevelopment is appreciated.

## 21. Signature of the Academic Panel Members

<p><b>Chair Person</b>          Dr. R. Jeya Sundararaj,          Head, Department of English and Research          Center,          St John's College, Palayamkottai,          Tirunelveli- 627002,          Tamil Nadu.          Email: <a href="mailto:rajjeyasundar@gmail.com">rajjeyasundar@gmail.com</a>          Phone- 9994192448.</p>	 <p><b>Dr. R. Jeya Sundararaj</b>          The Head and Coordinator          PG and Research Dept. of English          St. John's College          Palayamkottai - 627 002.</p>
<p><b>Coordinator</b>          Dr. J. Pinky Diana Evelyn,          Assistant Professor of English,          St John's College, Palayamkottai,          Tirunelveli- 627002,          Tamil Nadu.          Email: <a href="mailto:pinkydthinakarr@gmail.com">pinkydthinakarr@gmail.com</a>          Phone: 9566990595,</p>	 <p><b>J. Pinky Diana Evelyn</b>          Assistant Professor of English          St. John's College          Palayamkottai - 627 002</p>
<p><b>Subject expert-1</b>          Dr. Jessica Selwyn,          Head, Department of English and Research          Center,          Sarah Tucker College,          Tirunelveli-7.          Phone: 9486777795,          Email: <a href="mailto:jessicaselwyn@gmail.com">jessicaselwyn@gmail.com</a></p>	 <p><b>Dr. Jessica Selwyn,</b>          M.A., B.Ed., Ph.D., PG.D.T.E.          Associate Professor &amp; Head          Department of English &amp; Research Centre          Sarah Tucker College          Tirunelveli - 627 007.</p>
<p><b>Subject expert-2</b>          Dr. Felicia Gladys Manoah,          Associate Professor,          Department of English and Research          Center,          Sarah Tucker College,          Tirunelveli-7.          Email: <a href="mailto:feliciamanoah@gmail.com">feliciamanoah@gmail.com</a>          Phone: 9843441516</p>	
<p><b>Industry Expert</b>          Mr. T. S. Sundersingh,          Gazetted officer,          Agriculture Department.          Phone: 9842180700          Email: <a href="mailto:tssundersingh@gmail.com">tssundersingh@gmail.com</a></p>	 <p><b>T.S. SUNDER SINGH, M.Sc. AG Hort.</b>          PRIVATE AGRICULTURAL CONSULTANT          D-8, 'C' COLONY,          PERUMALPURAM,          TIRUNELVELI - 627 007.          CELL : 94432 62306</p>



Principal

**PRINCIPAL**  
**ST. JOHN'S COLLEGE**  
**PALAYAMKOTTAI - 627 002.**



IQAC Coordinator  
**Dr A. Arulgnanam**  
 IQAC COORDINATOR  
 ST JOHN'S COLLEGE  
 PALAYAMKOTTAI



**ST. JOHN'S COLLEGE PALAYAMKOTTAI  
TIRUNELVELI – 627 002**

[sjc1878@stjohnscollege.edu.in](mailto:sjc1878@stjohnscollege.edu.in), [www.stjohnscollege.edu.in](http://www.stjohnscollege.edu.in)



# **Annual Academic Audit Report**

---

**2017-18**

**Department of History**

**21<sup>st</sup> & 22<sup>nd</sup> June 2018**



## Table of Contents

1. Introduction .....	2
2. Objectives of Academic Auditing:.....	2
3. Academic Audit Panel Members .....	2
4. Schedule of the Annual Academic Audit .....	3
5. Department Profile.....	4
5.1 About the Department .....	4
5.2 List of Pioneers.....	6
5.3 Best Practices of the Department: .....	7
5.4 Infrastructure in the Department .....	7
5.5 Department Activities .....	7
6. Faculty Profile .....	13
6.1 List of the Faculty members in Aided stream .....	13
6.2 List of the Faculty members in Un - Aided stream.....	13
6.3 List of the Faculty members, based on API score .....	14
7. Students' Profile .....	14
7.1 Student's Statistics for the year 2017-2018.....	14
7.2 List of the student representatives .....	14
7.3 Students' Achievements.....	15
7.4 Placement Details .....	15
8. Curriculum.....	16
8.1 UG Programme Structure.....	17
8.2 Course Evaluation Pattern.....	17
8.3 Result Analysis.....	18
9. Outcome .....	25
10. Overall assessment.....	25
11. Suggestions.....	25
12. Signature of the Academic Audit Panel Members.....	26

# 1. Introduction

The process of Academic Auditing intends to monitor and enhance the quality of education through proper guidelines for both teaching faculty and students, so as to ensure qualified students/researchers passing out from the department. It presents the objectives of academic auditing, the process of internal and external evaluation of courses, major/mini projects, seminars, overall discipline and academic functioning of the department, duties and responsibilities of faculty members, research and consultancy and class/course committees.

The Annual Academic Audit of the Department was conducted on 21<sup>st</sup> and 22<sup>nd</sup> of June 2018.

## 2. Objectives of Academic Auditing:

- (i) To define effectiveness of teaching – learning process.
- (ii) To define quality of each component of the functionalities.
- (iii) To devise methodology, to ensure maximum output from faculty members as well as students.
- (iv) To ensure academic accountability and quality of technical education through proper guidelines for both teaching faculty and students/researchers.

## 3. Academic Audit Panel Members

The academic audit committee comprised of the following panel members:

### Chair Person

**Dr. G. Andrews** M.A., M.Phil., Ph.D.,  
Head & Associate Professor of History,  
St. John's College,  
Palayamkottai 627 002, Tamil Nadu.  
Mob.: +91 86103 10425, e-mail id: [andrews1421962@gmail.com](mailto:andrews1421962@gmail.com)

### Co-ordinator – 1

**Dr. J. Barnabas Jacob** M.A. M.Phil.Ph.D.,  
Assistant Professor of History,  
St. John's College,  
Palayamkottai 627 002, Tamil Nadu.  
Mob.: +91 9865575718, e-mail id: [barnabasjacob777@gmail.com](mailto:barnabasjacob777@gmail.com)

## Co-ordinator – 2

**Dr. M. Josephraj** M.A. M.Phil. Ph.D.,  
Assistant Professor of History,  
St. John's College,  
Palayamkottai 627 002, Tamil Nadu.  
Mob.: +91 9944838687, e-mail id: [dr.josephrajsjc@gmail.com](mailto:dr.josephrajsjc@gmail.com)

## Subject Expert – 1

**Dr. R. Thomas** M.A. M.Phil. Ph.D.,  
Head & Associate Professor of History,  
Nazareth Margoschis College at Pillaiyanmanai,  
Nazareth – 628617, Tamil Nadu.  
Mob.: +91 9442063783, e-mail id: [jacksrthomas@gmail.com](mailto:jacksrthomas@gmail.com)

## Subject Expert – 2

**Dr. L. Ravi Sankar** M.A., M.Phil., Ph.D.,  
Head & Associate Professor of History,  
Thiruvalluvar College,  
Papanasam - 627425 , Tamil Nadu.  
Mob.: +91 9486408945, e-mail id: [ravisan267@gmail.com](mailto:ravisan267@gmail.com)

## 4. Schedule of the Annual Academic Audit

DAY 1 (21 <sup>st</sup> June 2018 - Thursday)	
Timing	Activity
10:00 AM – 10:30 AM	Meeting of the Panel with the Principal and IQAC coordinator in Principal's Office along with Head of the department of History.
10:30 AM – 11:15 AM	Overall presentation (PPT) about the department
11:15 AM – 11:30 AM	Tea Break
11:30 AM – 01:00 PM	Meeting the UG students English Medium
01:00 PM – 02:00 PM	Lunch Break
02:20 PM – 03:10 PM	Meeting the UG students Tamil medium
03:10 PM – 03:30 PM	Tea Break
03:30 PM – 04:00PM	Meeting the student representatives of both Tamil medium and English medium

<b>DAY 2 (22<sup>nd</sup> June 2018 - Friday)</b>	
<b>Timing</b>	<b>Activity</b>
10:00 AM – 10:30 AM	Entry Meeting of the Panel in the Department
11:00 AM – 11:30 AM	Visiting the Infrastructure
11:30 AM – 12:30 PM	Verifying the Audit Report and the Support Evidences
12:30 PM – 01:30 PM	Lunch Break
01:30 PM – 02:30 PM	Verifying the Audit Report and the Support Evidences
02:30 PM – 04:00 PM	Preparation of the Annual Audit Report
04:00 PM – 04:30 PM	Exit Meeting with the Principal and IQAC coordinator in Principal's Office

## **5. Department Profile**

### **5.1 About the Department**

The department of History is one of the oldest departments in St. John's college. It runs a prestigious programme of under graduate studies which was launched in 1967, under the guidance of the then principal Prof. J. Vedasironmani. Currently eight faculty members and three hundred undergraduate students are here (English and Tamil Medium). The range of study starts from the Ancient History of India to the present World History. The department has earned name and fame since its inception.

Initially it was one man department, Prof. M.V. Subramaniam, who served from 1945 to 1962 and attached with the department of Economics. He has written a historical book namely "History of South India". He also participated and presented papers in various seminars organized by Madras Christian college, Tambaram and the University of Madras.

The full-fledged independent department of History was started in the year 1967. Prof. J. Moses Packiyaraj led the department. In the same year Prof. V. Masilamani and Prof. G. Gurubatham were also appointed. In the next year Prof. A. Narasimhan was inducted. The four member faculty did active role under the direction of Madurai Kamaraj University. Prof. A. Narasimhan was elected as a senator to the Madurai Kamaraj University through graduate constituency. Along with his regular duty he served more to the people of both

Tirunelveli and Kanyakumari districts. He wrote a book namely, "The National Integration of India" in Tamil (NjrpaxUikg;ghL - ,e;jpah).

In 1977, Prof. B.S.V. Dharmaraj was appointed in the department. The year 1983 is a landmark in the annals of the department. During this year the department was extended with the introduction of English Medium course. Prof. R. SoundararajPackianathan and Prof. J. Manuel joined as Lecturers in the same year. In 1983, Prof. R. Peter Perinbaraja joined the department as Assistant Professor. Prof. A. Arul Devadoss and Prof. M. Jeyasingh were also appointed in 1984. The faculty members have participated in a wide range of conference, workshops and seminars. In 1986, Prof. R. Peter Perinbaraja was transferred to Nazareth Morgochiscollege and As a result, the senior Professor from that college. Prof. A. SanthoskumarAsirvatham came to this department.

The pioneers of the department retired one by one. In 1995, Prof. A. Narasimhan became the Head of the department, Prof. G. Andrews was appointed in the same year. After the retirement of Prof. A. Narasimhan, Prof. A. SanthoskumarAsirvatham was heading the department. Prof. J. DevarajSelvakumar was appointed as a Lecturer in 2001. Prof. A. SanthoskumarAsirvatham introduced the new tradition of taking students in tours at National, Regional and Local level for the benefit of our student. Along with regular department works Prof. G. Andrews was appointed as NCC officer from 1996 to 2014. He did a remarkable service and got the award of the best NCC officer at the National level, "The Commendation Award".

In 1997, Prof. R. Peter Perinbaraja came back to his home Department. In 2009, Prof. J. Barnabas Jacob and Prof. V. JebamaniMonsingh were added in the Department. Prof. R. Peter Perinbaraja took over the headship of the Department in 2004. Prof. A. Arul Devadoss was appointed as a Principal in- charge of the Institution. Later, Prof. T.K. Stantley David has joined as a Lecturer in the Department in the year 2014. Both Prof. R. Peter Perinbaraja and Prof. A. Arul Devadoss were retired from their service in May 2016. Prof. M. Josephraj and Prof. J. Jeyasingh were appointed as Assistant Professor on 17th October 2016. Immediately after Prof. M. Jeyasingh, Dr. R. Stella was appointed as Assistant Professor on 4th October 2017. Prof. M. Jeyasingh retired from the service in the year 2017, After the retirement of Prof. M. Jeyasingh, Dr. G. Andrews was promoted as the Head of the Department in the year 2017. Our graduate culture involves a varied programme of workshops, seminars and

conferences in which the Department operates closely with other disciplines and St. John's network of inter disciplinary institutes and research centres.

Above all, History at St. John's is marked out by the vibrancy of the Department's intellectual community and passion we put into understanding and interpreting the past. Since the origin of the Department is splendid, many thousands of students have passed through our doors. History graduates live and work around the world. They are Teachers, Lecturers, Script writers, Journalists, Authors, Television and Radio presenters, Producers, Museum Directors, Lawyers, Magistrates, Accountants, designers, Defense and Police personnel, various organizations of Christian Missionaries and Pastors. History Department is one of the premium Departments in St. John's College.

We, the Department of History organized the Golden Jubilee celebration in 2017 -18 academic years. Nearly 25 programs both indoor and outdoor events were arranged. On 7th April 2018, Golden Jubilee Historian's Sangamam was organized. Nearly 250 Alumni had participated from different parts of India.

## 5.2 List of Pioneers

S.No.	Name of the Pioneer	Period
1	Prof. M.V. Subramaniam	1945 – 1962
2	Prof. J. Moses Packiyaraj	1955 - 1987
3	Prof. V. Masillamani	1967 - 1982
4	Prof. G. Gurubatham	1967 - 1994
5	Prof. B.S.V. Dharmaraj	1977 - 1995
6	Prof. A. Narasimhan	1969 - 2001
7	Prof. J. Manuel	1983 - 2001
8	Prof. A. SanthoskumarAsirvatham	1986 - 2006
9	Prof. R. SoundararajPackianathan	1982 - 2005
10	Prof. R. Peter Perinbaraja	1983 - 2016
11	Prof. A. Arul Devadoss	1984 - 2016
12	Prof. M. Jeyasingh	1984 - 2017

### 5.3 Best Practices of the Department:

To maintain the quality of department we adopt the following practices:

1. For The Student, By The Student.
2. Constructing the Character.

### 5.4 Infrastructure in the Department

S. No.	Items	Verification (Yes/No)	Comments
1	No. of Class rooms	Yes	Six
2	No. of Staffrooms	Yes	Two
3	Computers for teachers	Yes	Available
4	Computers for students	Yes	Available
5	Internet access and related software	Yes	Available
6	Uninterrupted Power Supply	Yes	Available
7	Water Supply	Yes	Available

### 5.5 Department Activities

The department takes initiatives for overall development of the students in their academic and employability career by conducting various programmes in national level.

- Tree plantation programme conducted on 16.06.2017
- Department staff meeting conducted on 30.06.2017
- An International Conference organized in collaboration with EAST at Kanyakumari on 6<sup>th</sup> – 8<sup>th</sup> July 2017.
- History Department Golden Jubilee celebration inauguration on 25.07.2017
- Department staff meeting conducted on 19.08.2017
- 1997 – 2000 batch Alumni meet held on 20.08.2017
- Department staff meeting conducted on 06.11.2017
- Special lecture on “Role of Christ in the world History” conducted on 19.12.2017
- An awareness programme on “Protect Historical monuments” via cycle expedition on 08.02.2018
- Department staff meeting conducted on 07.03.2018
- Special lecture on “The Recent Trend in Learning History” conducted on 13.03.2018

- Second year tour programme to Cochin and Ernakulam on 19<sup>th</sup>& 20<sup>th</sup> March 2018
- History Golden Jubilee Alumni Meeting organized on 07.04.2018
- Valedictory function of the Golden Jubilee celebration on 20.04.2018
- Department staff meeting conducted on 23.04.2018.

**Tree Plantation programme conducted on 16.06.2017**



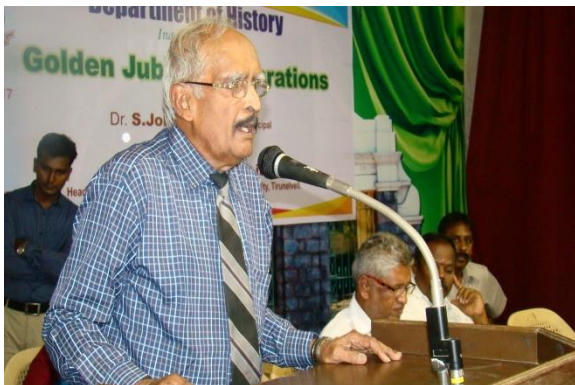


**An International Conference organized in collaboration with EAST at Kanyakumari on 6<sup>th</sup> – 8<sup>th</sup> July 2017**





**History Department Golden Jubilee celebration inauguration on 25.07.2017**



**1997 – 2000 batch Alumni meet held on 20.08.2017**







### Golden Jubilee Celebration Spots – Kabadi





**Special lecture on “Role of Christ in the world History” conducted on 19.12.2017**



**Department staff meeting conducted on 23.04.2018**



## 6. Faculty Profile

Faculty Strength	Total Staff – 8 Men – 7 Women – 1
Qualification	Ph.D. – 6 SET – 1 M.Phil. – 1

### 6.1 List of the Faculty members in Aided stream

S. No.	Name of the Staff	Qualification	Designation and Responsibilities	Date of Joining	Area of Specialisation
1	Dr. G. Andrews	M.A., M.Phil., Ph.D. SLET	Head & Associate Professor	13/12/1995	History of Tamil Nadu and Constitutional History
2	Dr. J. DevarajSelvakumar	M.A., M.Phil., Ph.D. SLET	Associate Professor and Bursar	16/07/2001	Freedom Movement
3	Dr. J. Barnabas Jacob	M.A, B.Ed., M.Phil., Ph.D.	Assistant Professor, TNOU Coordinator	29/05/2009	European History
4	Mr. V. JebamaniMonsingh	MA., M.Phil,	Assistant Professor	29/05/2009	Epigraphy
5	Dr. T.K. Stantley David	M.A., M.Phil., Ph.D	Assistant Professor, NCC Officer	24/10/2014	History of the Far East
6	Dr. M. Josephraj	M.A, B.Ed., M.Phil., Ph.D.	Assistant Professor,	17/10/2016	Modern Indian History, Archaeology and Epigraphy
7	Mr. J. Jeyasingh	M.A., M.Phil., SET	Assistant Professor, Result Analysis In-charge	21/10/2016	Ancient Indian History
8	Dr. R. Stella	M.A., M.Ed., M.Phil., Ph.D.	Assistant Professor,	04/10/2017	Women's studies

## 6.2 List of the Faculty members, based on API score

S. No.	Name of the Faculty	Designation	API Score
1	Dr. G. Andrews	Associate Professor & Head	122
2	Dr. J. DevarajSelvakumar	Associate Professor	111
3	Dr. J. Barnabas Jacob	Assistant Professor	109
4	Mr. V. JebamaniMonsingh	Assistant Professor	101
5	Dr. T.K. Stantley David	Assistant Professor	112
6	Dr. M. Josephraj	Assistant Professor	145
7	Mr. J. Jeyasingh	Assistant Professor	101
8	Dr. R. Stella	Assistant Professor	119

## 7. Students' Profile

### 7.1 Students' Statistics for the year 2017-2018

The students are admitted on each course based on the Government schemes of reservation. The community-wise students' statistics are given below:

Course	SC	ST	SCA	MBC	BC	OC	Minority	Total
I B.A (E.M)	5	0	0	7	20	0	27	59
II B.A (E.M)	4	0	1	5	12	4	24	50
III B.A (E.M)	5	0	1	4	13	4	9	36
I B.A (T.M)	12	0	0	12	19	0	16	59
II B.A (T.M)	5	0	1	5	8	6	27	52
III B.A (T.M)	5		4	6	6	3	5	29

## 7.2 List of the student's representatives

Course	Name of student's representative
I B.A (E.M)	J. SathiyaVimal
II B.A (E.M)	P. Denis Rajadurai
III B.A (E.M)	E. Gomes Sopalin
I B.A (T.M)	B. Abitha
II B.A (T.M)	R. AugustinDevapitchai
III B.A (T.M)	S. JeganSamraj

## 7.3 Students' Achievements

### Awards for Studies

S.No	Name	Rank in MS University	Year	Course
1	M. ThirupathiVenkadesh	Ninth	2014-2017	B.A
2	S. JeganSamraj	Sixth	2015-2018	B.A
3	V. Benjamin Durai	Seventh	2015-2018	B.A
4	S. Govindaraj	Thirteenth	2015-2018	B.A

S.No	Name	Sports	Year	Place	Course
1	M. Priyadharshini	Football	2017-2018	Second	B.A
2	M. Diana	Football	2017-2018	Winner	B.A
3	P. Swetha	Football	2017-2018	Third	B.A

### Students qualifying in state/national/international level examinations

S.No.	Name of the student	Competitive exam passed
1	P. Sivakumar	TNPSC Group II 2014
2	G. SelvaVignesh	Army
3	A.MuthuMariappan	TNPSC 2017
4	J. ShahulHameed	Tamil Nadu Police Department
5	C. Suriya Narayanan	Tamil Nadu Police Department

6	A.Bala Subramanian	Tamil Nadu Police Department
7	M.Surya Mary	TET (2016)
8	P.Selvathasan	Tamil Nadu Police Department
9	J.Jenish	Tamil Nadu Police Department

## 7.4 Placement Details

Programme Name	Batch	Number of students passed in final year examination	Number of students enrolled into higher education	Number of students placed in jobs
B.A (E.M)	2014 – 2017	36	12	2
B.A (T.M)	2014 – 2017	27	4	1

## 8. Curriculum

History is one of the fundamental disciplines in Social Science. It is the basic for all the disciplines. The Curriculum aims at providing basic tools and exposure to students who intend to pursue Master Degree in History at the international level. It is being revised periodically and followed the course structure that was prescribed by ManonmaniamSundaranar University.

The Programme Structure of the B.A History are mentioned below.

### 8.1 UG Programme Structure

Semester	Course code	Course Name	IM	EM	TM	H	C
I	S1TL11	Tamil	25	75	100	6	4
	S2EN11	English	25	75	100	6	4
	SMHI11	History of India upto 647 A.D	25	75	100	4	4
	SMHI12	History of Tamil Nadu upto 1336 A.D	25	75	100	5	4
	SMHI13	Principles of Tourism	25	75	100	4	4
	SAHI11	Theory of Political Science (E.M) / Principles of Advertising – I	25	75	100	3	3



		(T.M)					
	SEVS11	Environmental Studies	25	75	100	2	2
II	S1TL21	Tamil	25	75	100	6	4
	S2EN21	English	25	75	100	6	4
	SMHI21	History of India (647 – 1526 A.D)	25	75	100	4	4
	SMHI22	History of Tamil Nadu (1336 A.D - 1800 A.D)	25	75	100	5	4
	SMHI23	Tourism Products in India	25	75	100	4	4
	SAHI21 / SAEC21	Modern Constitutions (E.M) / Principles of Advertising – II (T.M)	25	75	100	3	3
	SVBE21	Valued Based Education	25	75	100	2	2
III	J1TL31	Tamil	25	75	100	6	4
	J2EN31	English	25	75	100	6	4
	JMHI31	History of India (1526 –1772A.D)	25	75	100	6	4
	JSHI3B	Panchayatraj	25	75	100	4	4
	JNHI3A	Freedom Movement in India	25	75	100	2	3
	JAHI31	Modern Political thought	25	75	100	6	4
IV	J1TL41	Tamil	25	75	100	6	4
	J2EN41	English	25	75	100	6	4
	JMHI41	History of India (1772– 1947A.D)	25	75	100	6	4
	JSHI4B	Epigraphy	25	75	100	4	4
	JNHI4B	Indian Constitution	25	75	100	2	3
	JAHI41	Indian Administrative System	25	75	100	6	4
V	GMHI51	History of Tamil Nadu upto 1565	25	75	100	7	4
	GMHI52	History of Europe (1453 – 1789 A.D)	25	75	100	6	4
	GMHI5C	History of Far east	25	75	100	6	4
	GMHI5B	Freedom Struggle	25	75	100	7	4
	GCSB5A	Personality Development	25	75	100	4	4
VI	GMHI61	History of Tamil Nadu	25	75	100	6	4
	GMHI62	History of Europe (1789 – 1945 A.D)	25	75	100	6	4
	GMHI63	History of Science and Technology since 1500 A.D	25	75	100	6	4

	GMHI64	Working of the Indian Constitution	25	75	100	6	4
	GMHI6A	Constitutional History of England (1603 – 1970A.D)	40	60	100	6	7

IM – Internal Marks, EM – External Marks, TM – Total Marks, H – Hours/week, C – Credits.

## 8.2 Course Evaluation Pattern

This program is under Choice Based Credit System of the University. Each paper is evaluated for 100 marks with Internal 25 marks and External 75 marks. The duration of the examination is 1 hour for internal assessment test and 3 hours for external examination.

The pattern for internal assessment and the external examination are as follows:

### For UG courses

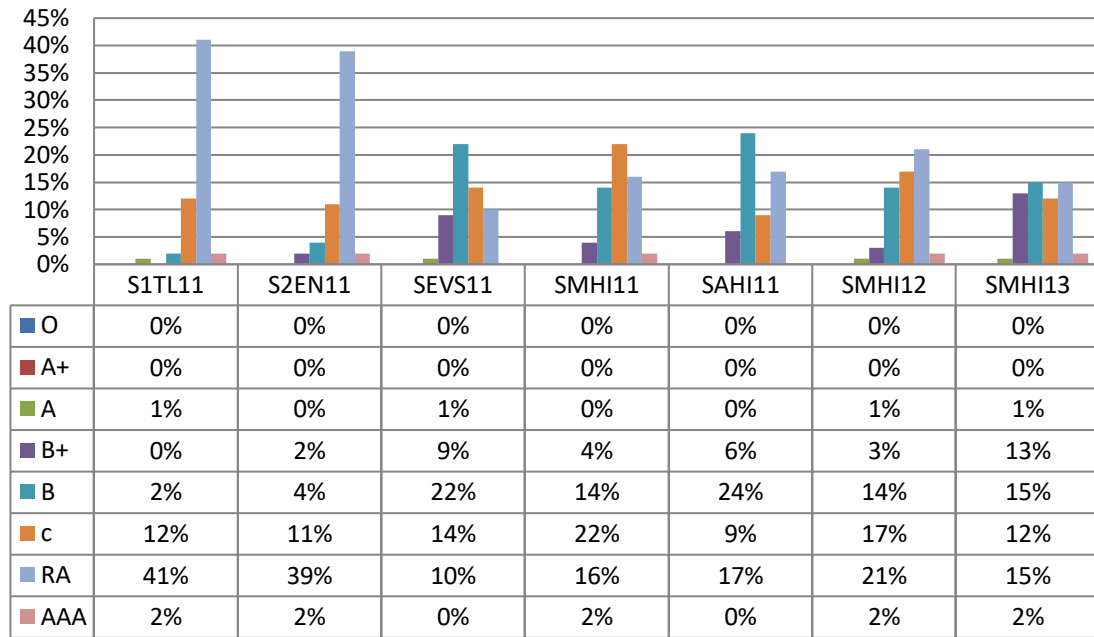
Internal Evaluation Pattern		External Evaluation Pattern	
Average of Best of two from three internal assessment test	= <b>20</b>	Section A (10x1=10)	= <b>10</b>
		Section B (5x5=25)	= <b>25</b>
Assignments/Seminars	= <b>05</b>	Section C (5x8=40)	= <b>40</b>
Total Marks	= <b>25</b>	Total	= <b>75</b>

## 8.3 Result Analysis

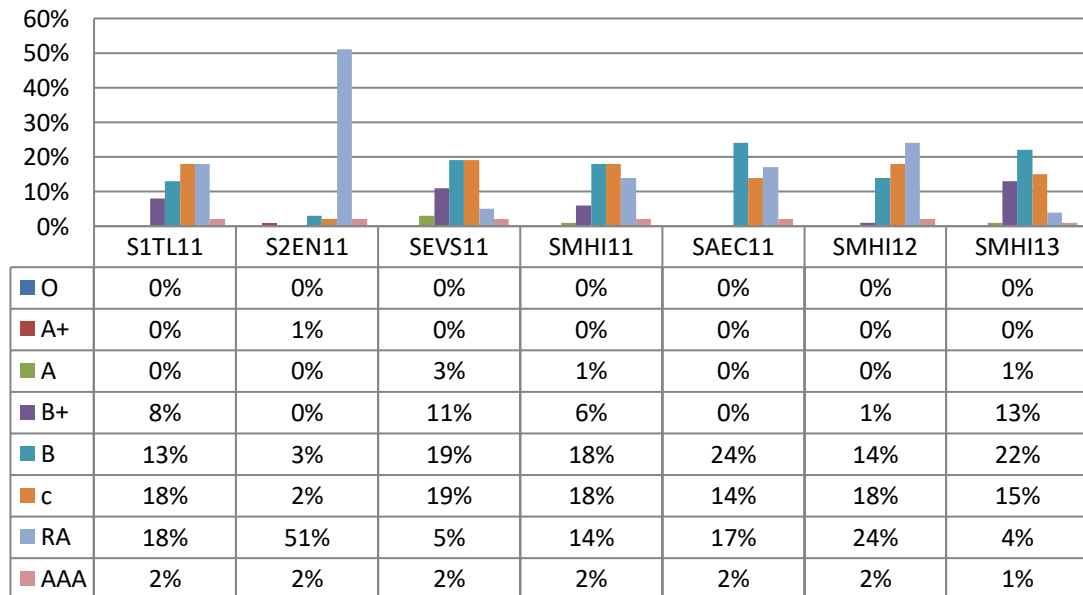
External examinations are conducted by ManonmaniamSundaranar University and the corresponding results are declared after evaluation. The subject-wise result analysis is made by course instructors which will be helpful to understand the quality of classroom teaching and observation about each course.

The analysis of the result for November 2017 and April 2018 University examinations are represented graphically:

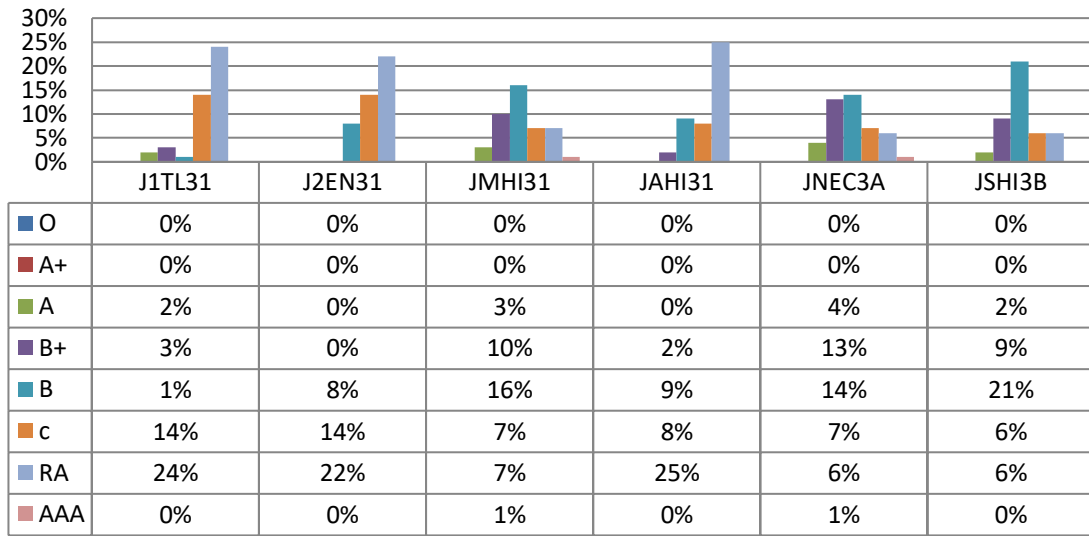
**RESULT ANALYSIS  
B.A HISTORY (EM) - SEMESTER I  
NOVEMBER - 2017**



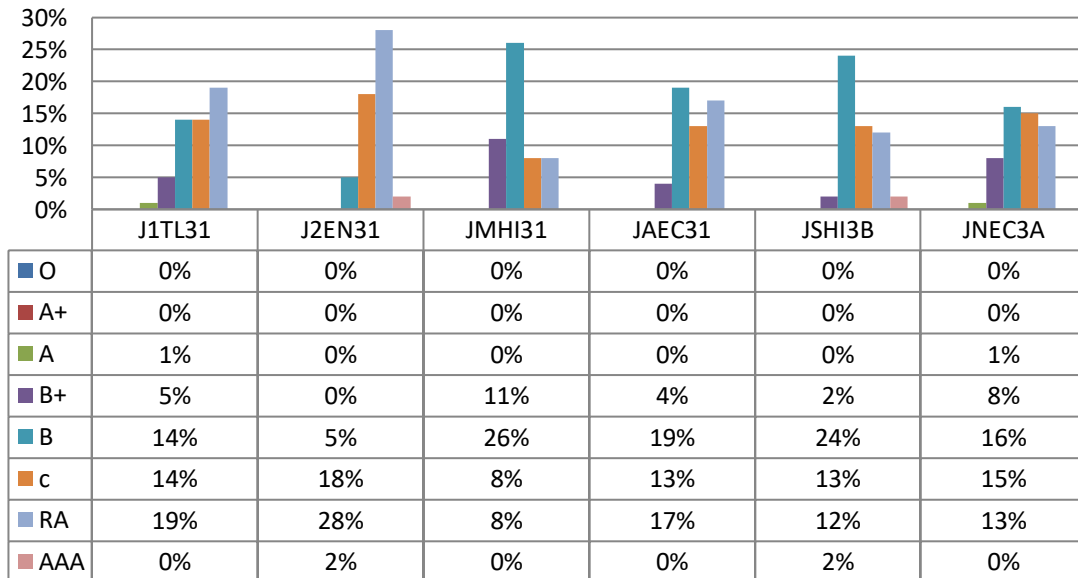
**RESULT ANALYSIS  
B.A HISTORY (TM) - SEMESTER I  
NOVEMBER - 2017**



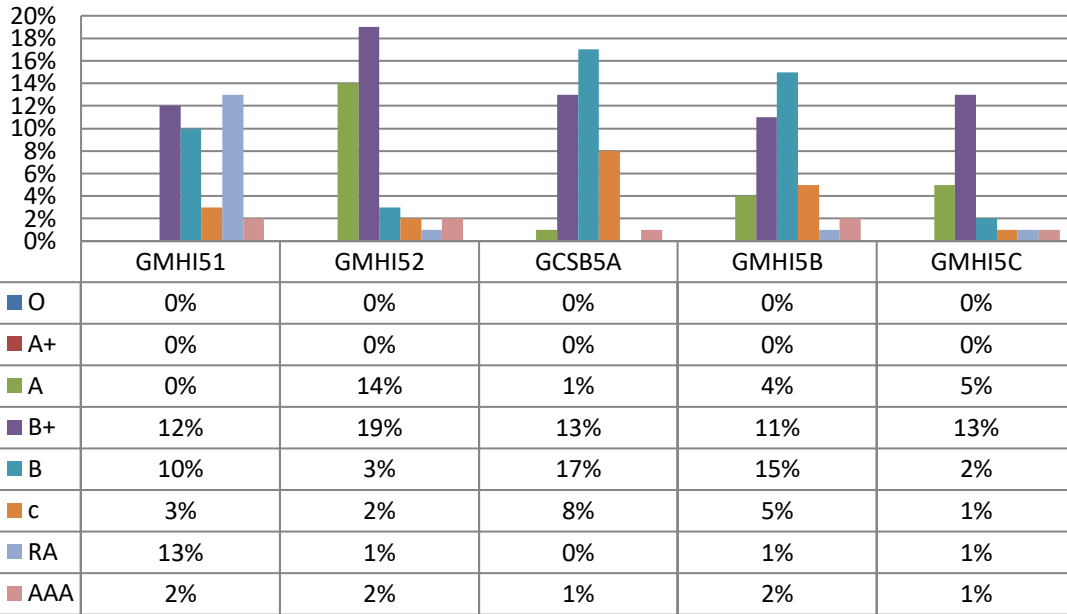
**RESULT ANALYSIS  
B.A HISTORY (EM) - SEMESTER III  
NOVEMBER - 2017**



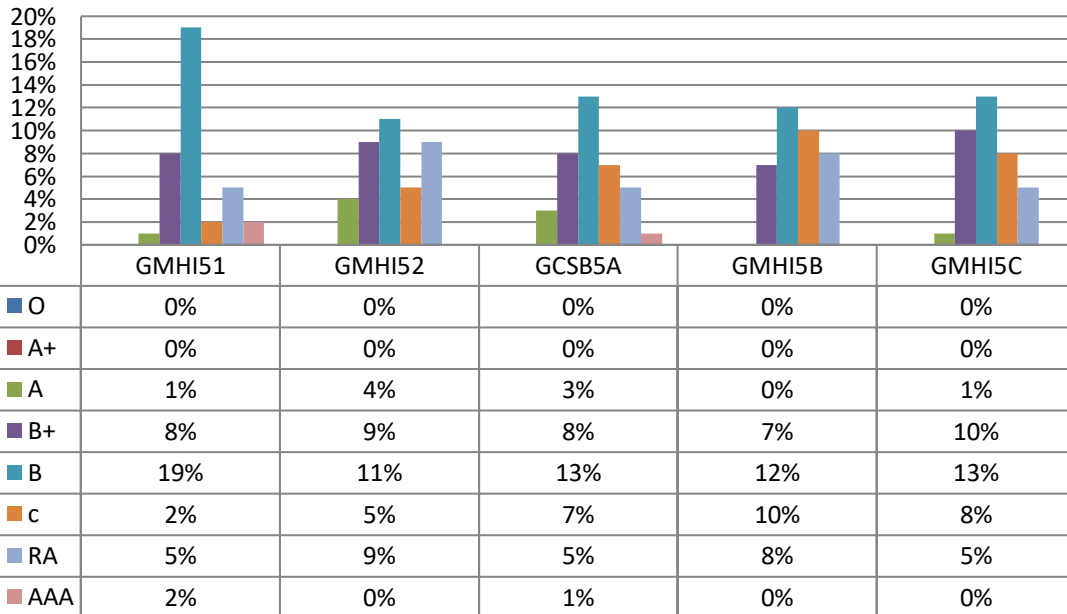
**RESULT ANALYSIS  
B.A HISTORY (EM) - SEMESTER III  
NOVEMBER - 2017**



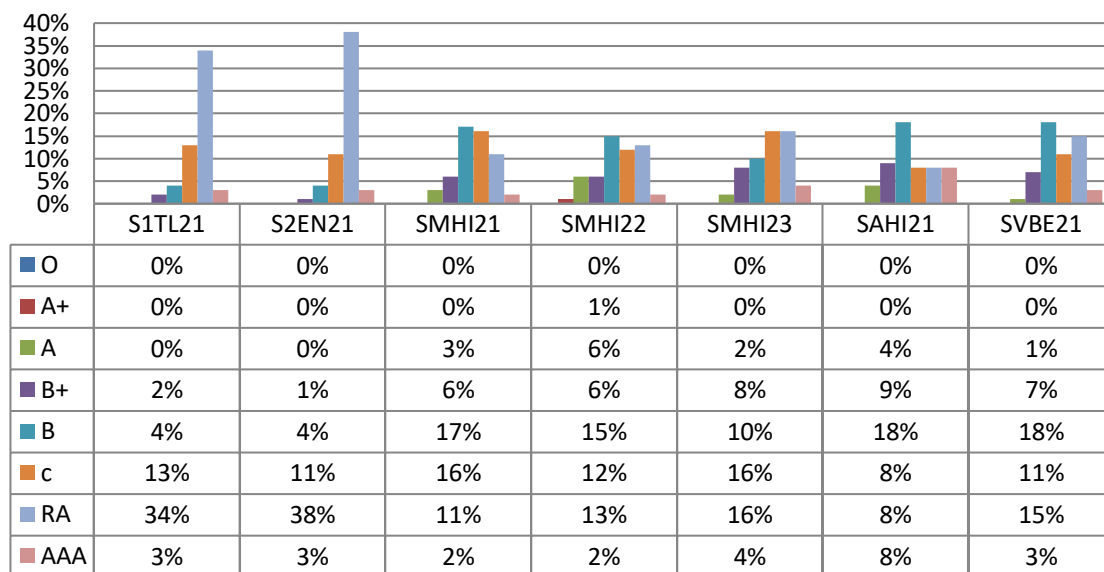
**RESULT ANALYSIS  
B.A HISTORY (EM) - SEMESTER V  
NOVEMBER - 2017**



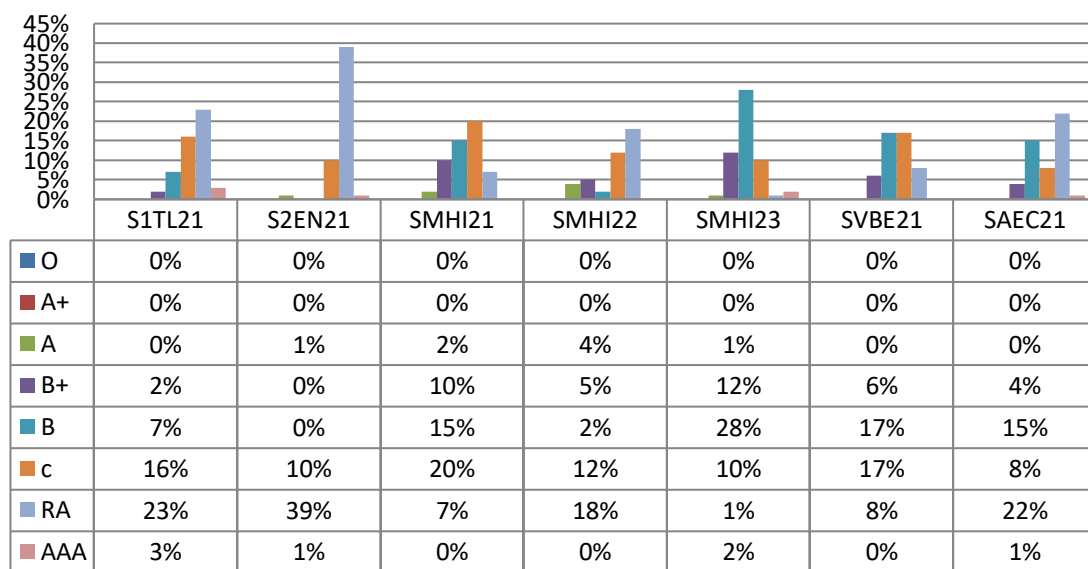
**RESULT ANALYSIS  
B.A HISTORY (TM) - SEMESTER V  
NOVEMBER - 2017**



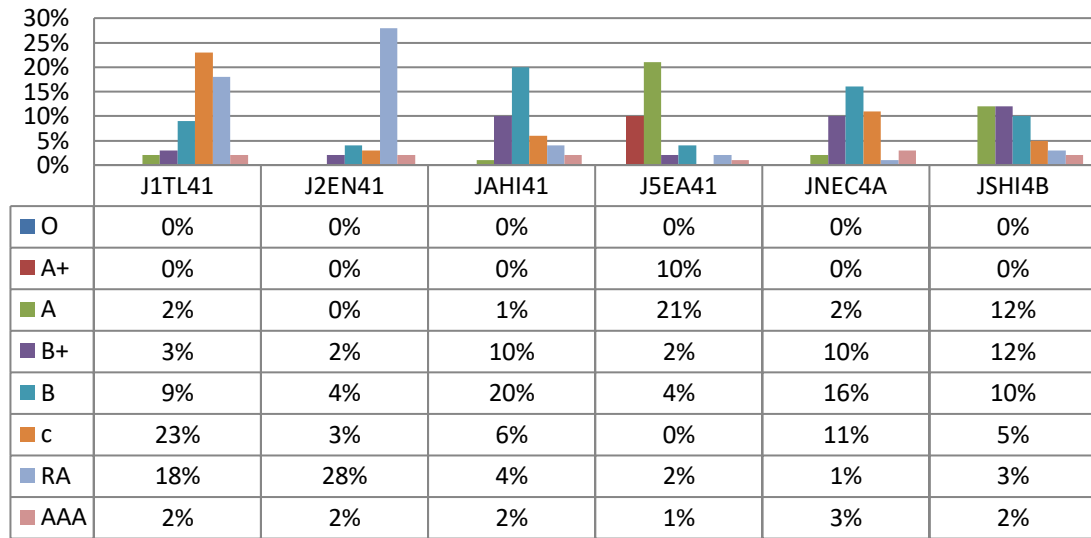
**RESULT ANALYSIS**  
**B.A HISTORY (EM) - SEMESTER II**  
**APRIL - 2018**



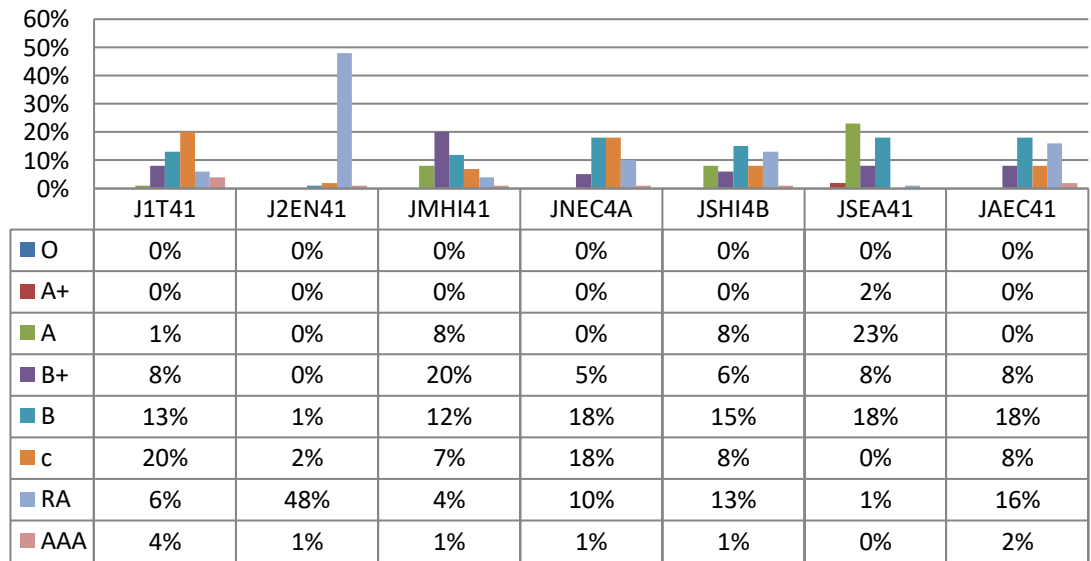
**RESULT ANALYSIS**  
**B.A HISTORY (TM) - SEMESTER II**  
**APRIL - 2018**



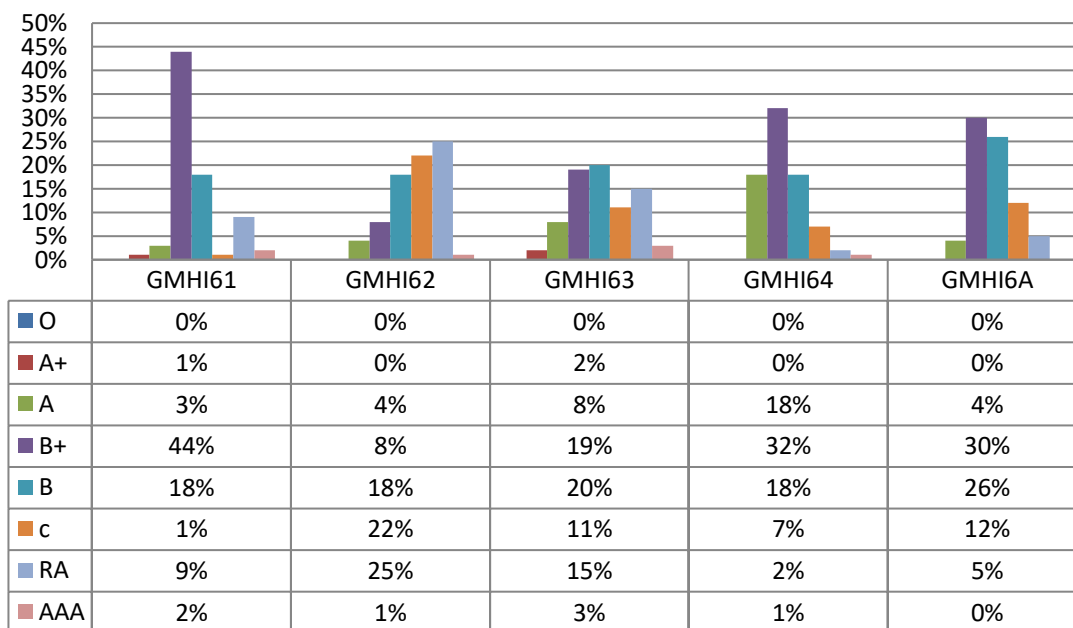
**RESULT ANALYSIS  
B.A HISTORY (EM) - SEMESTER IV  
APRIL - 2018**



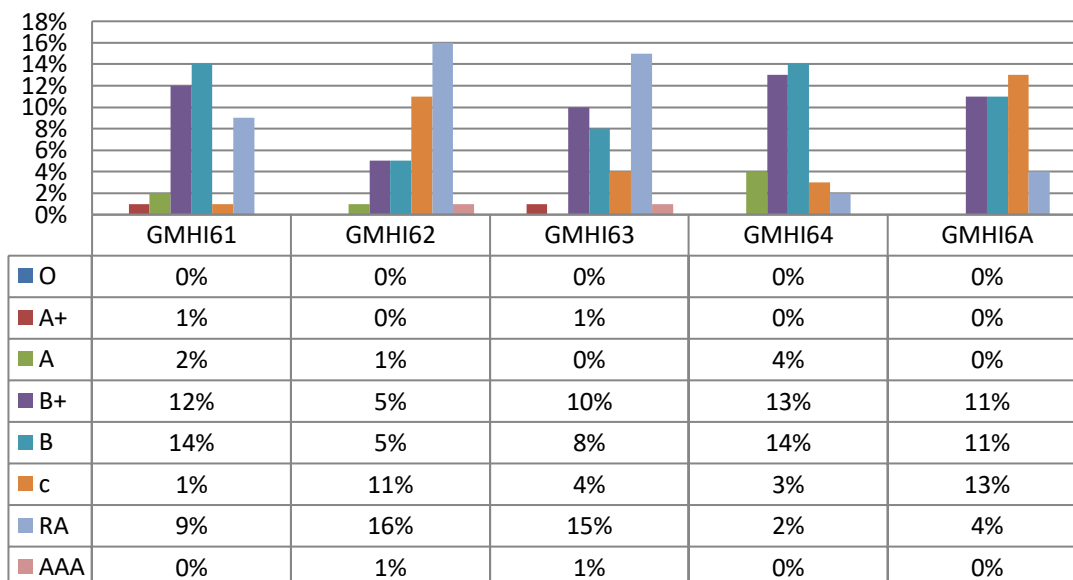
**RESULT ANALYSIS  
B.A HISTORY (TM) - SEMESTER IV  
APRIL - 2018**



**RESULT ANALYSIS**  
**B.A HISTORY (EM) - SEMESTER VI**  
**APRIL - 2018**



**RESULT ANALYSIS**  
**B.A HISTORY (TM) - SEMESTER VI**  
**APRIL - 2018**





## **9. Outcome**

### **Outcome of the students meeting**

- Students felt that the infrastructure provided by the college and department is GOOD.
- The rules and regulations of the department were appreciated.
- They felt that the Staff of the department are having best expertise and experience and are handling classes in a very interactive way.
- Curriculum was well appreciated.
- Lunch room with water is expected in every block.
- Students retiring room is not sufficient.
- Girls students are expected more facilities in their retiring room.
- Formation of the syllabus is advanced and easy to approachable.
- Importance is not given for communication and skilled based classes.

### **Outcome of the Faculty meeting**

- They felt very proud to serve for this institution.
- They felt satisfied with the pay package.
- Friendly and professional academic environment created by HOD was well appreciated.

## **10. Overall assessment**

- The evaluation process followed by the department is GOOD.
- Course academic plan and implementation are recorded properly.
- Uniform for students is a good practice.
- Curriculum is having a good impact on the outcome of the students.
- Web site of the college is frequently updated.
- Publications and participations in FDP, seminars, conferences and workshops by faculty members are minimal.
- To complete 90 working days for first semester students is not feasible because of the admission procedure.

## **11. Suggestions**

- To establish Department Library.
- Publications and participations in FDP, seminars, conferences and workshops by faculty members are to be increased. External funded research projects to be taken up by the faculty members.
- Students may be asked to write job oriented online exams (like NPTEL, Swayam, MOOC etc.,) for better placements.

## 12. Signature of the Academic Audit Panel Members

<p><b>Chair Person</b> <b>Dr. G. Andrews</b> M.A., M.Phil., Ph.D., Head &amp; Associate Professor of History, St. John's College, Palayamkottai 627 002, Tamil Nadu. Mob.: +91 86103 10425, e-mail id: <a href="mailto:andrews1421962@gmail.com">andrews1421962@gmail.com</a></p>	
<p><b>Co-ordinator – 1</b> <b>Dr. J. Barnabas Jacob</b> M.A. M.Phil. Ph.D., Assistant Professor of History, St. John's College, Palayamkottai 627 002, Tamil Nadu. Mob.: +91 9865575718, e-mail id: <a href="mailto:barnabasjacob777@gmail.com">barnabasjacob777@gmail.com</a></p>	
<p><b>Co-ordinator – 2</b> <b>Dr. M. Josephraj</b> M.A. M.Phil. Ph.D., Assistant Professor of History, St. John's College, Palayamkottai 627 002, Tamil Nadu. Mob.: +91 9944838687, e-mail id: <a href="mailto:dr.josephrajsjc@gmail.com">dr.josephrajsjc@gmail.com</a></p>	
<p><b>Subject Expert – 1</b> <b>Dr. R. Thomas</b> M.A. M.Phil. Ph.D., Head &amp; Associate Professor of History, Nazareth Margoschis College at Pillaiyanmanai, Nazareth – 628617, Tamil Nadu. Mob.: +91 9442063783, e-mail id: <a href="mailto:jacksrtthomas@gmail.com">jacksrtthomas@gmail.com</a></p>	
<p><b>Subject Expert – 2</b> <b>Dr. L. Ravi Sankar</b> M.A., M.Phil., Ph.D., Head &amp; Associate Professor of History, Thiruvalluvar College, Papanasam - 627425 , Tamil Nadu. Mob.: +91 9486408945, e-mail id: <a href="mailto:ravisan267@gmail.com">ravisan267@gmail.com</a></p>	

**IQAC Coordinator**

**Principal**



**St. John's College Palayamkottai**

**Tirunelveli – 627 002**

[sjc1878@stjohnscollege.edu.in](mailto:sjc1878@stjohnscollege.edu.in), [www.stjohnscollege.edu.in](http://www.stjohnscollege.edu.in)



# **Annual Academic Audit Report**

---

**2017-18**

**PG and Research Department of  
Economics**

**10<sup>th</sup> & 11<sup>th</sup> August 2018**

<b>Sl. No</b>	<b>Contents</b>
1	Introduction
2	Objectives of Academic Auditing:
3	Academic Audit Panel Members
4	Schedule of the Annual Academic Audit
5	Department Profile
6	Faculty Profile
7	Research and Consultancy
8	Students' Profile
9	Curriculum
10	Result Analysis
11	Department Activities
12	Outcome
13	Suggestions
14	Signature of the Academic Audit Panel Members

## **1. Introduction**

The process of Academic Auditing intends to monitor and enhance the quality of science education through proper guidelines for both teaching faculty and students, so as to ensure qualified students/researchers passing out from the department. It presents the objectives of academic auditing, the process of internal and external evaluation of courses, major/mini projects, seminars, overall discipline and academic functioning of the department, duties and responsibilities of faculty members, research and consultancy and class/course committees.

The Annual Academic Audit of the Department was conducted on 10<sup>th</sup> and 11<sup>th</sup> August 2018.

## **2. Objectives of Academic Auditing:**

- (i) To define quality of each component of the functionalities.
- (ii) To define effectiveness of teaching – learning process.
- (iii) To devise methodology to confirm maximum output from faculty members as well as students.
- (iv) To ensure academic accountability and quality of technical education through proper guidelines for both teaching faculty and students/researchers.

### **3. Academic Audit Panel Members**

**The Name, Designation and Address of Academic Audit Experts are given in detail:**

#### **Chair Person**

**Mr.D. Kathiravan**M.A.,M.Phil., B.Ed., SET  
AssistantProfessorofEconomics,  
St. John's College,  
Palayamkottai 627 002, Tamil Nadu.  
Mobile: 9443555393

#### **Co-ordinator**

**Dr.J.Amalrajan Gnanadoss** M.A.,  
M.Phil., B.Ed.  
Assistant Professor of Economics  
St.John's College  
Tirunelveli - 627002

#### **Subject Expert – 1**

**Dr.P.Devaraj** M.A., M.Phil, Ph.D  
Associate Professor of Economics,  
St. Xavier's College,  
Tirunelveli-2.  
Ph: 9486701766

#### **Subject Expert – 2**

**Dr. P. Mary Thangam,**  
Assistant Professor,  
Department of Economics,  
Sarah Tucker College,  
Tirunelveli -627007,  
e.mail : adrielblesson@gmail.com

#### **Industrialist**

**Mr.C. Smith Andrews,**  
Andrews Buliders,  
45A, Alfa Blessing Apartments,  
Trivandrum Road,  
Tirunelveli-2.  
Ph: 9366667900

#### 4. Schedule of the Annual Academic Audit

<b>DAY 1 (10<sup>th</sup> August 2018)</b>	
<b>Timing</b>	<b>Activity</b>
10:00 AM – 10:30 AM	Meeting of the Panel with the Principal and IQAC coordinator in Principal's Office along with the Head of Economics Department.
10:30 AM – 11:15 AM	Department overall presentation in the Department along with IQAC coordinator and the Panel
11:15 AM – 11:30 AM	Tea Break
11:30 AM – 11:50 AM	Meeting the UG students
12:10 PM – 12:30 PM	Meeting the student representatives of UG
01:00 PM – 02:00 PM	Lunch Break
02:20 PM – 02:40 PM	Meeting the PG students
02:40 PM – 03:10 PM	Meeting the PG student Representatives
03:10 PM – 03:30 PM	Tea Break
03:30 PM – 04:00PM	Meeting the student representatives of M.Phil Course
<b>DAY 2 (11<sup>th</sup> August 2018)</b>	
<b>Timing</b>	<b>Activity</b>
10:00 AM – 10:30 AM	Entry Meeting of the Panel in the Department
11:00 AM – 11:30 AM	Visiting the Infrastructure
11:30 AM – 12:30 PM	Verifying the Audit Report and the Support Evidences
12:30 PM – 01:30 PM	Lunch Break
01:30 PM – 02:30 PM	Verifying the Audit Report and the Support Evidences
02:30 PM – 04:00 PM	Preparation of the Annual Audit Report
04:00 PM – 04:30 PM	Exit Meeting with the Principal and IQAC coordinator in Principal's Office

## 5. Department Profile

### About the Department

The Department of Economics was started in the year 1946 by the Bishop of Tirunelveli **Rt. Rev Selwyn** who upgraded St. John's College into a first grade College. In the year 1946, the Department was headed by the Principal **Prof. J. Vedasiromani**. At the same time Prof. M. V. Subramaniam, an eminent scholar, fostered the Department and motivated the students by his erudite scholarship and oratorical capacity. Prof. E. D Ponnudurai and Prof G. W. Frederic were the alumni of St. Johns College inculcated in the minds of the student's community a sense of pride, discipline and scholarship. **Prof. E.D Ponnudurai** became the Head of the Department of Economics in the year 1968. In the same year, Prof. C.T Augustine joined the faculty of Economics and served this college till 1971. He passed the Indian Economic Service examination and joined in IES service. Prof. E.D. Ponnudurai became the principal of St. John's College in November 1973 and subsequently started M.A Economics in August, 1970. The Department of Economics is consistently maintaining its academic excellence at both the UG and the PG levels. A few students have secured university ranks in 1981, 1983, 1998, 2004, 2006, 2012 and 2013.

**Dr. S. Prabhakaran** became the Head of the Department of Economics in the year 1985 and served in this department till February 2001. Then **Prof. D. Thangaraj** assumed office as the Head of the Department of Economics on 1st March 2001. After him, **Prof S. Devairakkam** and following him **Prof. J. Jeyasuriya** became the Head of the Department of Economics, rendered dedicated services and inspiring leadership. **Dr. J. John Vellakkan** became the Head of the Department on 1st June 2004 and subsequently started M.Phil. Economics in 2009. He is followed by **Prof. Jeyasekaran Devadass** became the Head of the department during 2009 – 2014 provided excellent and committed services to the smooth running of department affairs.

**Dr. P.A Maraikumar Chellaraj** of Economics Department became the Principal of the St. John's College, during 17.06.2012 -31.10.2014 and also assumed the Head of the department after the retirement of Prof. Jeyasekarn Devadoss. To add more Honour, during his period, the PG Department of Economics became the Research Centre to pursue doctoral Studies. **Dr. K. Kirubakaran** was the Head of the Department during 01.11.2014 – 31.12.2015 rendered all his efforts to run the department in a right path. His work is also remarkable to the Economics Department.

**Prof. D. Kathiravan** became the Head of the Department of Economics in 04.01.2016 and served as Head of the Department of Economics till 21.08.2017. During his period many International, National and State level Seminars, Workshops on SPSS and many research oriented programmes were conducted. **Prof B. Agastin** was the Head of the Department of Economics from 22.08.2017 to 31.10.2018 and rendered his skills and talents to shape the Department by encouraging the students to read many books. His service to the department is appreciable. **Dr. J. David Gnanaraj** have been assuming the Head of the Department from 01.11.2018 onwards, involving himself as a member of NAAC Steering Committee, Organizing Alumni engagement and Students outreach program.



The department has produced many IES officers notable among them are Mr. Joseph Dawson IPS, Mr. Krishnamoorthi IAS, Mr. M. Ramasamy IAS, Mr..Mathisankaran IES, Mr. R. DhanushkodiAditan, former cabinet minister for youth welfare, Government of India, Dr. R. Sankaranarayanan, Principal of KGS Arts and Science College, Srivaikundam and Mr. Chelladurai, deputy secretary, Law Department, Chennai. These are a few known distinguished Alumni of our Department.

Right now there are 200 students in B.A degree, 22 in M.A degree. There are 10 members in the faculty of Economics and all of them are experts in their own fields, among them there are 08 Ph. D holders. Dr. A.Angel Anila and Dr. Gladis Freeda are fully qualified and approved by the Manonmaniam Sundaranar University to run the research centre of Economics.The General Library and also the Department Library are well equipped with Subjects Books (Nos. 1600) which is being added every year. Infrastructure like class room, furniture, Internet connected computers (Nos.4), LCD Projector attached classroom are remarkable.

#### **Best Practices of the Department:**

1. For The Student bythe Student.
2. Constructing the Character.

#### **Infrastructure in the Department**

S. No.	Items	Verification (Yes/No)	Comments			
			UG	PG & MPhil	Library &Scholars	Staff Room
1	No. of class rooms	Yes	Three	Three	Two	One
2	Computers for teachers	Yes	Available	Available	Available	Available
3	Computers for students & scholars	Yes	Available	Available	Available	Available
4	Internet access and related software	Yes	Available	Available	Available	Available
5	Uninterrupted Power Supply	Yes	Available	Available	Available	Available
6	Water Supply	Yes	Available	Available	Available	Available

### Department Library Facilities

Area in sq. Ft.	Total No. of Books Available	Total No. of Journals Available	Total No. of Computer Systems with Internet Facilities
3420×4	1280	293	3

### 6. Faculty Profile 2017-2018

<b>Faculty Strength</b>	Total Staff	11
	Men	08
	Women	03
<b>Qualification</b>	Ph.D.	03
	NET	00
	SET	02
	M.Phil.	06

### List of the Faculty members in Aided stream

S. No.	Name of the Staff	Qualification	Designation and Responsibilities	Date of Joining	Area of Specialisation
1	Mr.D. Kathiravan	M.A., M.Phil., B.Ed., SET., .	Assistant Professor&Head, NCC Caretaker, coordinator, Entry into services	01-04-1995	Rural Development
2	Mr. J. David Gnanaraj	M.A., B.Ed., M.Phil.,	Assistant Professor,	29 – 05-2009	Industrial Economics
3	Mr.B.Robert Jeyapaul Ponraj	M.A, B.Ed., M.Phil.,	Assistant Professor,	29-05-2009	Public Finance
4	Mr. J. Amalrajan Gnanadoss	M.A., M.Phil., B.Ed.,	Assistant Professor,	29-05-2009	Financial Management

5	Dr.(Miss.)A. Angel Anila	M.A., M.Phil., Ph.D., SET.,	Assistant Professor,	03-12-2008	Entrepreneurial development
6	Dr.V.Aron	M.A., M.Phil., Ph.D.,	Assistant Professor,	17-10-2016	Agricultural Economics
7	Mr.V. Jesu Manickaraj	M.A., M.Phil., SET	Assistant Professor	17-10-2016	Fisheries Economics
8	Dr. (Mrs). G.S. Gladis Freeda	M.A., M.Phil.,Ph.D.,	Assistant Professor	25-10-2016	Agricultural Economics
9	Mr. A. Suresh	M.A., M.Phil.,	Assistant Professor,	13-01-2016	Rural Development
10	Miss. Sornamari	M.A., M.Phil.,	Assistant Professor	13-01-2016	Entrepreneurial development

### API Score

Sl. No	2019-2020	API Score
1	Mr.D.Kathiravan	893.3
2	Mr. B. Agastin	-
3	Mr.J.David Gnanaraj	121.2
4	Mr.B.Robert Jeyapaul Ponraj	
5	Mr.J.Amalrajan Gnanadoss	
6	Dr.A.Angel Anila	535
7	Dr. V.Aron	121.9
8	Mr.V.Jesu Manickaraj	124.4
9	Dr.Gladys Freeda	
10	Mr.A.Suresh (adhoc)	-
11	Miss.T.Sornamari (adhoc)	-

## 7. Research and Consultancy

### Mr.D.Kathiravan

Importance of Economic Evaluation in Health Care	Emerging Trends in Health Economics in India – Oppormnites for Academis and Research	Mar 2018
Economics of Rural Housing in Tamilnadu State	Affordabce Housing-policy issues and challenges in India	Sep 2018
Optimizing Enterprise through Research Excellence: Technological change and Innovates		16,16.11.2017
Innovation and Modern practices in global Business Management		01.03.2018
Women in 21 <sup>st</sup> century challenges and opportunities		7,8,03.2018

### Dr.A.Angel Anila

1. ‘An Impact of Goods and Service tax on Indian economy’ in the one day State level seminar on ‘The Role of GST in Indian Economy’ at Aditanar College of Arts and Science, Tiruchendure, on 7<sup>th</sup> February 2018.
2. ‘An economic Study of Women Entrepreneurs in Tirunelveli’ in the one day International Conference on ‘Innovations and Modern Practices in Global business Management’ at St. Johns College, Tirunelveli, on 1<sup>st</sup> March 2018.
3. ‘Nutritional Status of Children in Tamil nadu’ in the one day National level seminar on ‘Emerging Trends in Health Economics – Opportunities for Academics and Research’ at pope’s College, Sawyerpuram, on 05<sup>th</sup> March 2018.
4. ‘An Economic Study on the Performance of women entrepreneurs in Tirunelveli District’ in the two day International Multidisciplinary research Conference on ‘Women in 21<sup>st</sup> Century: Challenges and Opportunities’ organized by Environmental Advisory for Sustainable Trust, Tirunelveli, on 7<sup>th</sup> and 8<sup>th</sup> April 2018.

## Ph.D Scholars under Guidance

Staff: Dr.A.Angel Anila

1. T.Sorna Mari Date of registration: 10.08.2017 Full Time
2. P.Rajeshkannan Date of registration 10.01.2018 Par Time

## 8. Students' Profile

### Student's Statistics for the year 2017-2018

The students are admitted on each course based on the Government schemes of reservation. The community wise student's statistics are given below:

COURSE	OTHER THAN MINORITY														Minority		Muslim		Total		Total
	SC		SCA		ST		BC		DNC		MBC		OC								
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
B.A Economics	5	3	0	0	1	0	20	8	7	2	4	0	0	0	11	3	0	0	48	16	64
M.A Economics	2	0	0	0	0	0	3	3	0	0	0	0	1	0	1	2	0	0	7	5	12
M.Phil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	7	3	0	0	1	0	23	11	7	2	4	0	1	0	12	5	0	0	55	21	76
	10		0		1		34		9		4		1		17		0		76		

### List of the student representatives

Course	Name of student representative
I B.A	Alex Raja
II B.A	M. Raja
III B.A	K. Sathivel
I M.A	K.S. Rajamannar
II M.A	T. Palavura

## Placement Details

In the year 2017 – 2018 there are many of students are placed in private companies and more number of the students gone for their higher studies and many of the students entered as entrepreneurs.

## STUDENTS PROGRESSION

S.No	Name	B.A	
1	M. Sathish Kumar	Batch – I	M.A
2	M. Tamil Selvan	Batch -I	M.A
3	K. Bala Murugan	Batch -I	LL.B.,
4	M.Joseph Kulandai Raj	M.A	M.Phil

## 9. Curriculum

The main purpose of Economics education is to provide knowledge about the Economics and to prepare the student for vocational competency including training and development of skill. The Curriculum aims at providing basic tools and exposure to students who intend to pursue Master Degree in Economics at the international level. It is being revised periodically and followed the course structure that was prescribed by ManonmaniamSundaranarUniversity.**The Programme Structure for the degrees of B.A. M.A., M.Phil and Ph.D., in the discipline of Economics are mentioned below:**

**MANONMANIAM SUNDARANAR UNIVERSITY  
TIRUNELVELI**

**CHOICE BASED CREDIT SYSTEM COURSE  
STRUCTURE FOR B.A. Economics**

(With effect from the Academic Year 2017-2018 onwards)

**I SEMESTER**

PART	SUBJECT STATUS	SUBJECT	HOURS	L	C
I	Language	Tamil	06	06	04
II	Language	English	06	06	04
III	Core 1	Micro Economics I	06	04	04
	Core 2	Statistical Methods I	06	04	04
	Allied I	Principles of Advertisement I	04	03	03
IV	Common	Environmental Studies	02	02	02
		TOTAL	30		21

## II SEMESTER

PART	SUBJECT STATUS	SUBJECT	HOURS	L	C
I	Language	Tamil	06	06	04
II	Language	English	06	06	04
III	Core 3	Micro Economics II	05	04	04
	Core 4	Statistical Methods II	05	04	04
	Allied II	Principles of Advertisement II	04	03	03
IV	Common 2	Value Based Education	02	02	02
		FIELD WORK 1	02	-	02
		TOTAL	30	-	23



III SEMESTER

PART	SUBJECT STATUS	SUBJECT	HOURS	L	C
I	Language	Tamil	06	06	04
II	Language	English	06	06	04
III	Core 5	Mathematical Methods I	06	04	04
	Allied III	Entrepreneurial Development I	04	02	03
IV	Skill Based Core 1	International Economics I	04	04	04
IV	Non Major Elective 1	Economics for Compleitive Examination I	02	02	02
		FIELD WORK 2	02	-	02
		TOTAL	30		23

IV SEMESTER

PART	SUBJECT STATUS	SUBJECT	HOURS	L	C
I	Language	Tamil	06	06	04
II	Language	English	06	06	04
III	Core 6	Mathematics II	06	06	04
	Allied IV	Entrepreneurial Development II	04	04	03
	Skill Based Core 2	International Economics II	04	04	04
IV	Non Major Elective 2	Economics for Complete Exam II	02	02	02
V	Extension Activities 1	NSS, NCC, YRC, YWF	00	00	01
		FIELD WORK 3	02	00	02
		TOTAL	30	-	24

V SEMESTER

PART	SUBJECT STATUS	SUBJECT	HOURS	L	C
III	Core 7	Macro Economics I	06	04	04
	Core 8	Public Finance I	06	04	04
	Core 9	Money and Banking I	06	04	04
IV	Major elective 1	Indian Economy I	05	03	04
	Major elective 2	Labour Economics	05	03	04
	Skill based common I	Personality Development Effective / Youth Leadership	02	02	02
		TOTAL	30	-	22

VI SEMESTER

PART	SUBJECT STATUS	SUBJECT	HOURS	L	C
III	Core 10	Macro Economics II	05	05	04
	Core 11	Public Finance II	04	04	04
	Core 12	Money and Banking II	04	04	04
	Core 13	Indian Economy II	04	04	04
IV	Major Elective 3	Planning and Growth	05	05	03
	Project	Group	08	-	08
		TOTAL	30	-	28

Core: 13

Allied :04

Skill Based Core: 02 Skill Based Common: 01 Non Major Elective: 02 Major Elective: 03

Field Work : 03 Common : 02

Project : 01

Extension Activity : 01

(44<sup>th</sup> SCAA meeting held on 30.05.2016)

Sem	Pt. I/ II/ III/ IV /V	Sub. / Ppr. No.	Subject status	Subject Title	Hrs. per week	Cre dits	Marks				
							Maximum			Passing minimum	
							Int.	Ext.	Tot.	Ext.	Tot.
V	III	25	Core - 7	MACRO ECONOMICS- I	7	5	25	75	100	30	40
	III	26	Core - 8	MONEY AND BANKING	7	5	25	75	100	30	40
	III	27	Major Elective-I	INDIAN ECONOMY	6	5	25	75	100	30	40
	III	28	Major Elective-II	INDUSTRIAL ECONOMICS	6	5	25	75	100	30	40
	IV	29	Skilled Based subject (Common)	Personality Development/ Effective Communicatio n/ Youth Leadership	4	4	25	75	100	30	40
SUBTOTAL					30	24					
VI	III	30	Core - 9	MACRO ECONOMICS-II	7	5	25	75	100	30	40
	III	31	Core - 10	PUBLIC FINANCE	6	5	25	75	100	30	40
	III	32	Core - 11	ECONOMICS OF PLANNING AN D DEVELOPMENT	7	5	25	75	100	30	40
	III	33	Core - 12	LABOUR ECONOMICS	6	5	25	75	100	30	40
	III	34	Major Elective-III	HEALTH ECONOMICS	4	5	25	75	100	30	40
SUBTOTAL					30	25					

MANONMANIAM SUNDARANAR UNIVERSITY TIRUNELVELI

PG - COURSES – AFFILIATED COLLEGES

(With effect from the academic year 2017-2018 onwards)

Sem. ( 1)	Sub. No. ( 2)	Subject Status ( 3)	Subject Title (4)	Contact Hrs./ Week (5)	Credits (6)
I	1	Core - 1	Advanced Micro Economics Theory - I	5	4
	2	Core - 2	Macro Economic Theory and Analysis I	5	4
	3	Core - 3	Statistical Methods for Economics I	6	4
	4	Core - 4	Monetary Economics	5	4
	5	Elective - 1	International Economics	5	3
	6	Elective - 2	History of Economic Thought	4	3
II	7	Core - 5	Advanced Micro Economics Theory - II	6	4
	8	Core - 6	Macro Economic Theory and Analysis II	5	4
	9	Core - 7	Statistical Methods for Economics II	6	4
	10	Core - 8	Environmental Economics	5	4
	11	Elective - 3	Indian Economy	4	3
	12	Elective - 4	Computer Applications in Economics	4	3
III	13	Core - 9	Mathematical Methods I	6	4
	14	Core - 10	Development Economics	5	4
	15	Core - 11	Public Finance/ Financial Economics	6	4
	16	Core - 12	Research Methodology	5	4
	17	Elective - 5	Micro Finance	4	3
	18	Elective - 6	Industrial Economics/Econometrics	4	3
IV	19	Core - 13	Mathematical Methods II	5	4
	20	Core - 14	Planning and Growth	5	4
	21	Core - 15	Public Economics	5	4
	22	Core - 16	Health Economics	5	4
	23	Core - 17	Project	10	8

For the Project, flexible credits are b/w 5 - 8 & Hours per week are b/w 10 - 16.

Total number of credits $\geq$ 90	:	90
Total number of Core Courses	:	17 ( 16 T + 1 Project. )
Total number of Elective Courses	:	6
Total hours	:	120

### M.Phil - ECONOMICS (Affiliated colleges)

S. No.	Semester	Number of Courses	Title Course	Credit	Hours / week
1	I	Course One	Research and Teaching Methodology	4	4
2		Course Two	Recent Development in Economic Theory	4	4
3		Course Three – (Project Oriented Electives)	a. Indian Economy: Issues and Development b. Agricultural Economics c. Development Economics	4	4
4	II	Course Four	Dissertation & Viva Voce	12	-
Total				24	

### Ph.D ECONOMICS

SUBJECT CODE	TITLE OF THE SUBJECT
ACWEO01	Research Methodology and Statistical Techniques
ACWEO02	Basic Concepts and Theories in Economics
ACWEO03	Agriculture and Rural Development
ACWEO04	Economics of Infrastructure and Development
ACWEO05	Environmental and Resource Economics
ACWEO06	Financial Economics
ACWEO07	Gender Economics
ACWEO08	Health Economics
ACWEO09	International Economics and Policy
ACWEO10	Public Economics and Policy
ACWEO11	Regional Economic Analysis
ACWEO12	Industrial Development
ACWEOP	Mini Project

### Course Evaluation Pattern

This program is under Choice Based Credit System of the University. Each paper is evaluated for 100 marks with Internal 25 marks and External 75 marks. The duration of the examination is 1 hour for internal assessment test and 3 hours for external examination.

The pattern for internal assessment and the external examination are as follows:

#### For UG courses

Internal Evaluation Pattern		External Evaluation Pattern	
Average of Best of two from three internal assessment test	<b>20</b>	Section A (10x1=10)	<b>10</b>
		Section B (5x5=25)	<b>25</b>
Assignments/Seminars	<b>05</b>	Section C (5x8=40)	<b>40</b>
Total Marks	<b>25</b>	Total	<b>75</b>

#### For UG and PG. Courses

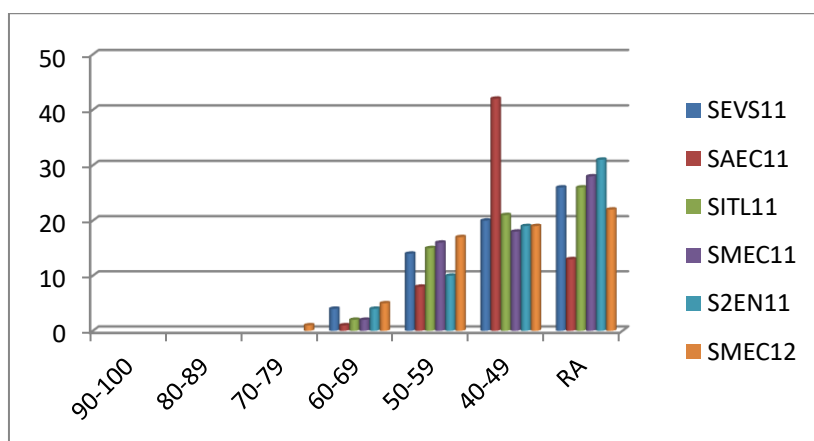
Internal Evaluation Pattern PG		External Evaluation Pattern		Project Evaluation Pattern	
Average of Best of two from three internal assessment test	<b>15</b>	Section A (10x1=10)	<b>10</b>	Continuous Internal Assessment Marks	<b>50</b>
Assignments	<b>05</b>	Section B (5x5=25)	<b>25</b>	End Semester Examination Marks	<b>50</b>
Seminars	<b>05</b>	Section C (5x8=40)	<b>40</b>		
Total Marks	<b>25</b>	Total	<b>75</b>	Total Marks	<b>100</b>



## 10. Result Analysis

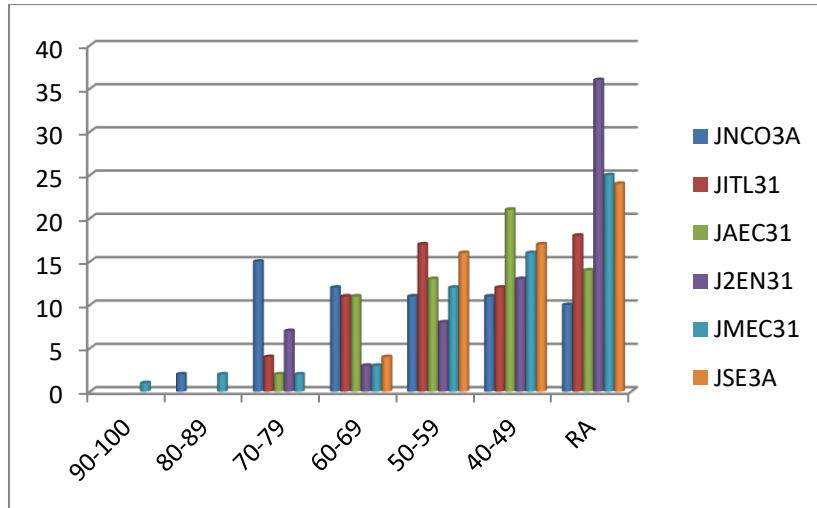
NOV 2017 I B.A ECONOMICS 1 SEM

CODE	SEVS11	SAEC11	SITL11	SMEC11	S2EN11	SMEC12
90-100						
80-89						
70-79						1
60-69	4	1	2	2	4	5
50-59	14	8	15	16	10	17
40-49	20	42	21	18	19	19
RA	26	13	26	28	31	22



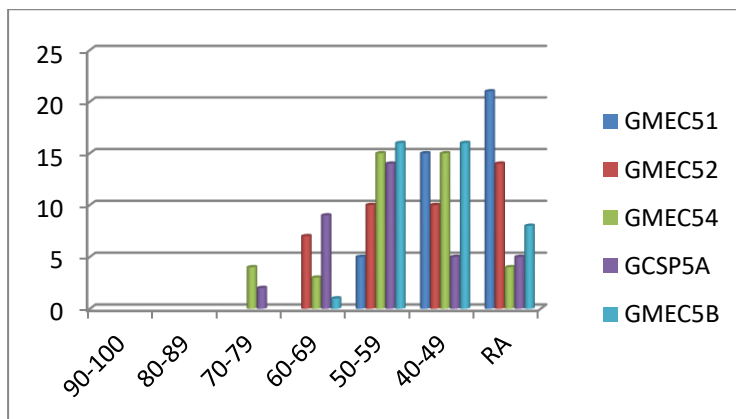
NOV 2017 II B.A ECONOMICS 3 SEM

CODE	JNCO3A	JITL31	JAEC31	J2EN31	JMEC31	JSE3A
90-100					1	
80-89	2				2	
70-79	15	4	2	7	2	
60-69	12	11	11	3	3	4
50-59	11	17	13	8	12	16
40-49	11	12	21	13	16	17
RA	10	18	14	36	25	24



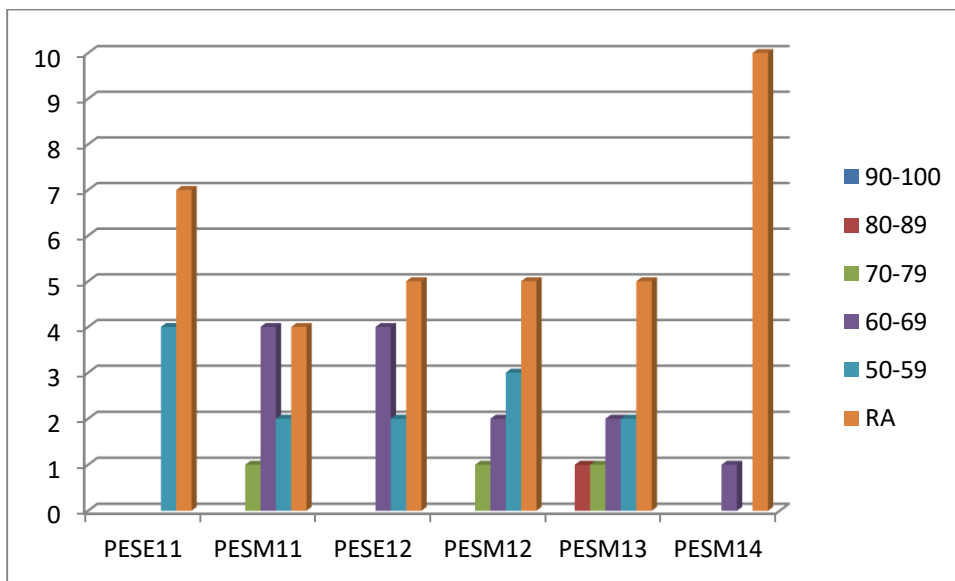
NOV 2017 III B.A ECONOMICS 5 SEM

CODE	GMEC51	GMEC52	GMEC54	GCSP5A	GMEC5B
90-100					
80-89					
70-79			4	2	
60-69		7	3	9	1
50-59	5	10	15	14	16
40-49	15	10	15	5	16
RA	21	14	4	5	8



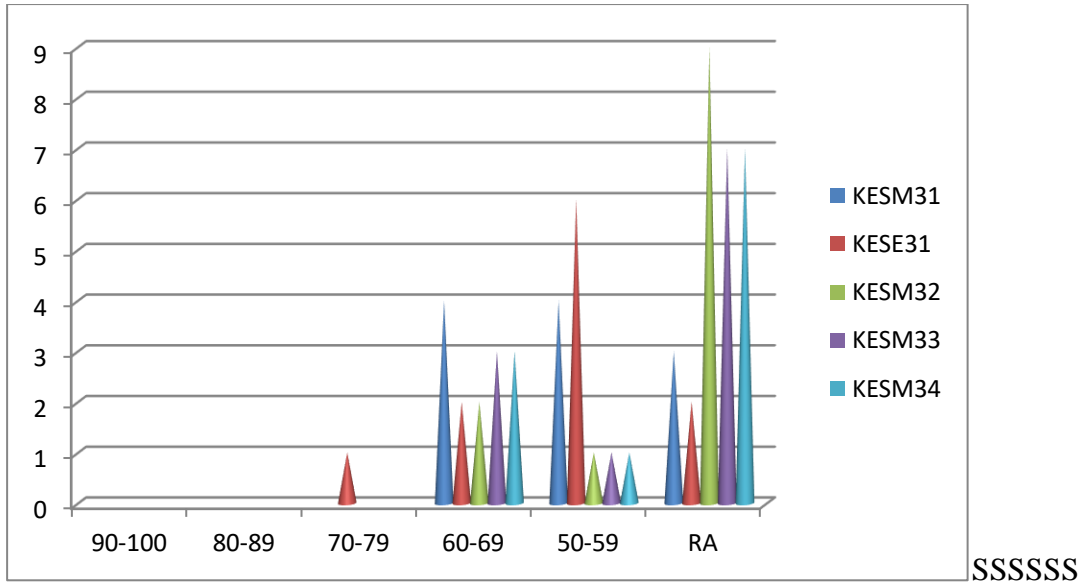
NOV 2017 I M .A ECONOMICS 1 SEM

CODE	PESE11	PESM11	PESE12	PESM12	PESM13	PESM14
90-100						
80-89					1	
70-79		1		1	1	
60-69		4	4	2	2	1
50-59	4	2	2	3	2	
RA	7	4	5	5	5	10



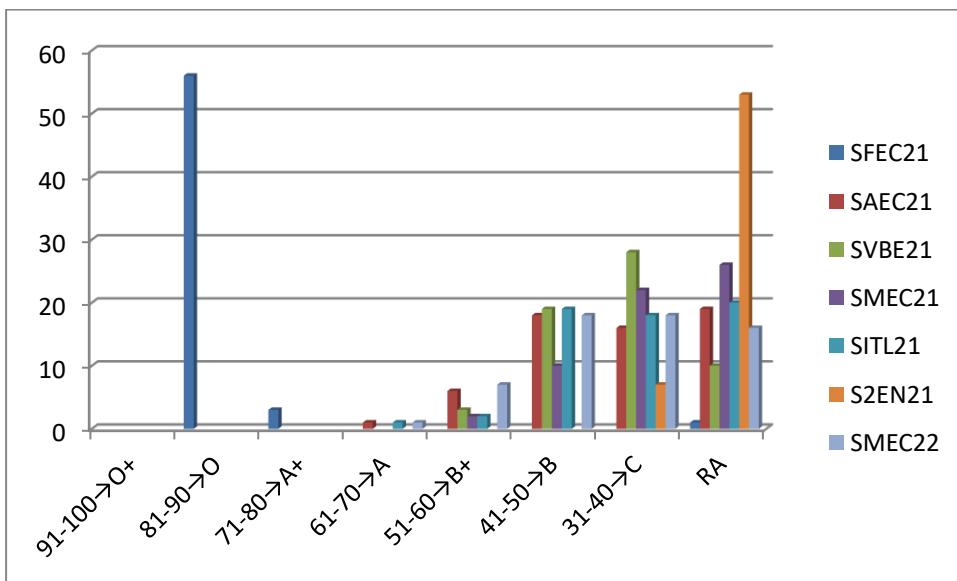
NOV 2017 II M .A ECONOMICS 3 SEM

CODE	KESM31	KESE31	KESM32	KESM33	KESM34
90-100					
80-89					
70-79		1			
60-69	4	2	2	3	3
50-59	4	6	1	1	1
RA	3	2	9	7	7

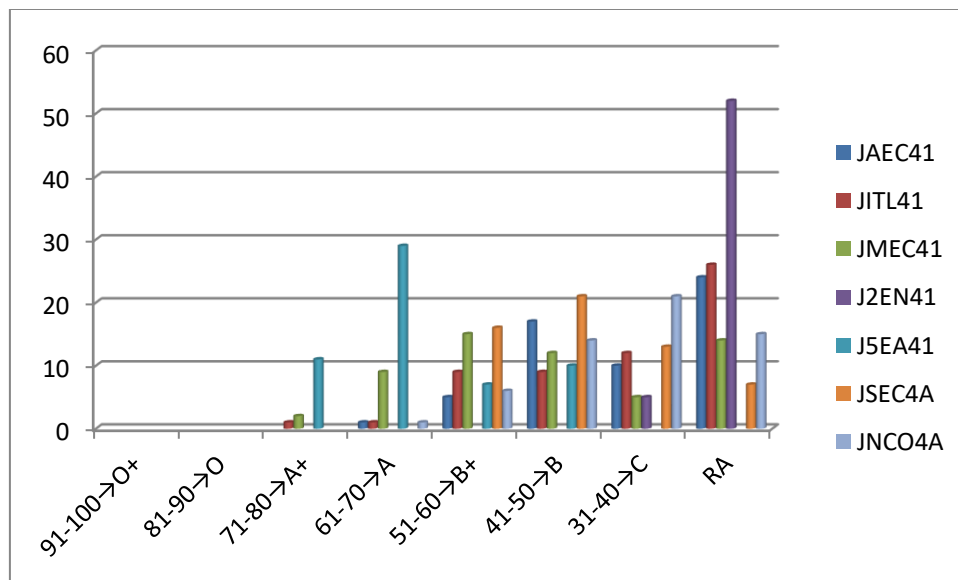


APRIL 2018 | B.A ECONOMICS 2 SEM

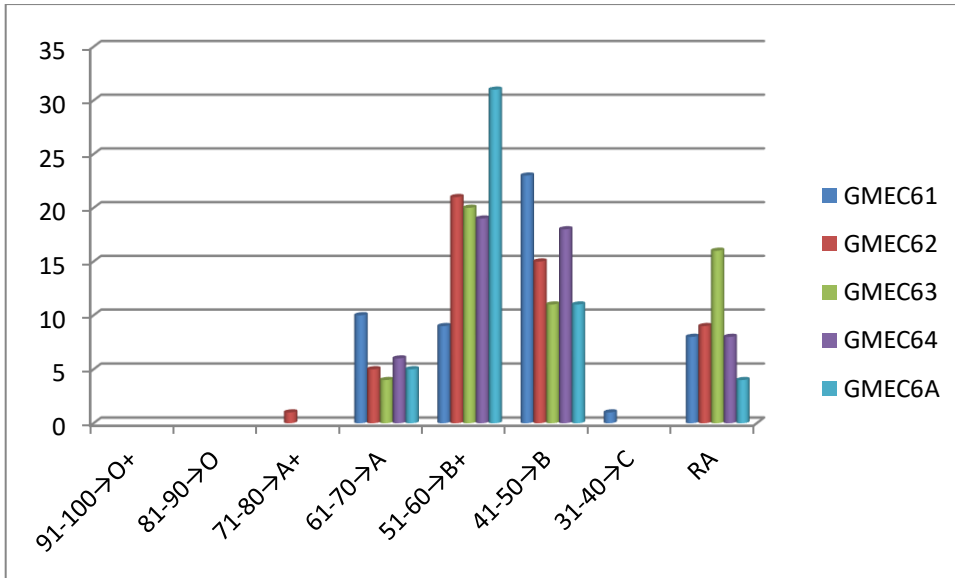
CODE	SFEC21	SAEC21	SVBE21	SMEC21	SITL21	S2EN21	SMEC22
91-100→O+							
81-90→O	56						
71-80→A+	3						
61-70→A		1			1		1
51-60→B+		6	3	2	2		7
41-50→B		18	19	10	19		18
31-40→C		16	28	22	18	7	18
RA	1	19	10	26	20	53	16



CODE	JAEC41	JITL41	JMEC41	J2EN41	J5EA41	JSEC4A	JNCO4A
91-100→O+							
81-90→O							
71-80→A+		1	2		11		
61-70→A	1	1	9		29		1
51-60→B+	5	9	15		7	16	6
41-50→B	17	9	12		10	21	14
31-40→C	10	12	5	5		13	21
RA	24	26	14	52		7	15

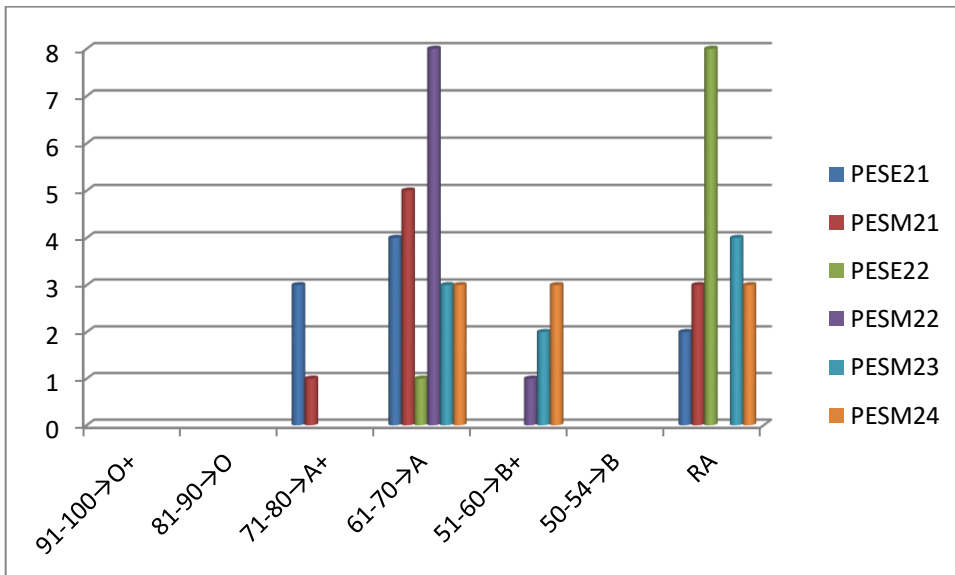


CODE	GMEC61	GMEC62	GMEC63	GMEC64	GMEC6A
91-100→O+					
81-90→O					
71-80→A+		1			
61-70→A	10	5	4	6	5
51-60→B+	9	21	20	19	31
41-50→B	23	15	11	18	11
31-40→C	1				
RA	8	9	16	8	4



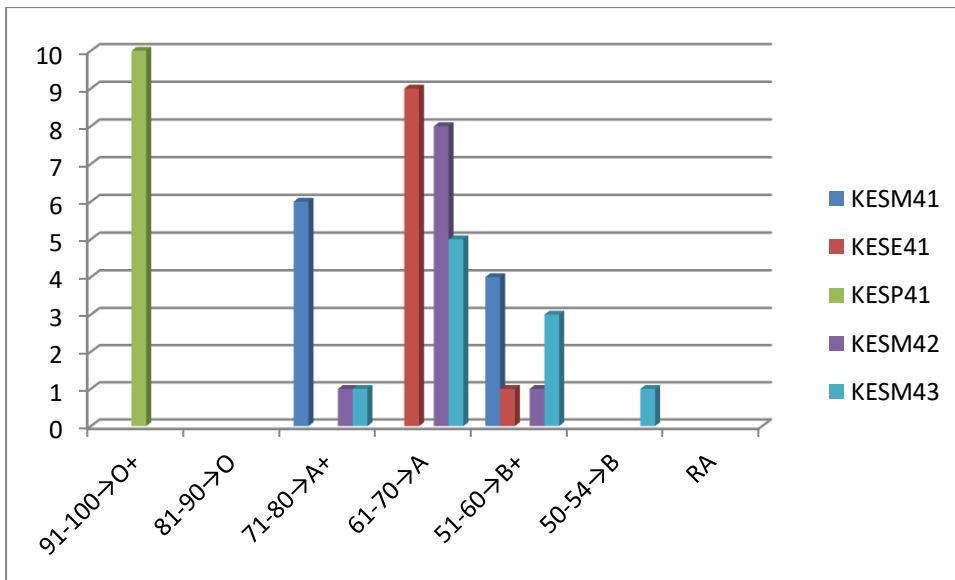
APRIL 2018 | M.A ECONOMICS 2 SEM

CODE	PESE21	PESM21	PESE22	PESM22	PESM23	PESM24
91-100→O+						
81-90→O						
71-80→A+		3	1			
61-70→A		4	5	1	8	3
51-60→B+				1	2	3
50-54→B						
RA		2	3	8	4	3



## APRIL 2018 II M.A ECONOMICS 4 SEM

CODE	KESM41	KESE41	KESP41	KESM42	KESM43
91-100→O+			10		
81-90→O					
71-80→A+	6			1	1
61-70→A		9		8	5
51-60→B+	4	1		1	3
50-54→B					1
RA					



**11**

**Department Activities (2017-2018)**



**Rural Economy and Digital India – Challenges and Opportunities  
(International Seminar) 30-06-2017**





## **12. Outcome of the students meeting**

- ❖ Students felt that the infrastructure provided by the college and department are Good.
- ❖ The rules and regulations of the department were appreciated.
- ❖ Advanced curriculum and syllabus was appreciated and felt very proud in studying at this institution.
- ❖ They felt that the staffs of the department are having best expertise and experience and are handling classes in a very professional way.
- ❖ Library timings are not sufficient during their class hours.
- ❖ Wi-fi bandwidth is not available
- ❖ Plug points for charging laptops not adequate in classrooms.
- ❖ Lunch room with water is expected is every block.
- ❖ Importance is given for communication and soft skills classes.

### **Outcome of the faculty meeting**

- ❖ They felt very proud to serve for this institution
- ❖ The Unaided staff felt satisfied with the pay package
- ❖ EPF contribution was also appreciated for unaided staff
- ❖ Friendly and professional academic environment in this college and department are appreciated

### **Overall assessment**

- ❖ Uniform for students is a good practice in all days
- ❖ There are Frequent Regular visiting professionals and part time lawyer for the final year students
- ❖ Numbers of text books available in the College Library as well as in the Department library are sufficient.
- ❖ Paper Publication and participation in Orientation, Refresher Course, FDP, workshop, seminar and conference by the institution are highly motivated.
- ❖ Students develop their skills by practicing co-curricular activities after their class room activity. Some of them are typewriting, computer courses, tailoring course, beautician course, four wheeler driving classes, and music and learn to play music instruments

- ❖ Four faculties published their text books on Charulatha publishing house Chennai. These books benefited to the students in a huge way since it is easy to learn.
- ❖ One of our faculty visited abroad countries namely Malaysia and Dubai, for presentation of article in the international conference.
- ❖ Few students also learn in body building by going to gym and some of them doing CMA courses
- ❖ Placement activities and placement related training are good but placement in MNC are less





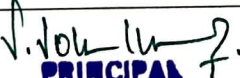

### **13.Suggestions**

- ❖ More of the text book volumes has to be purchased
- ❖ More indexed journals atleast Scopus indexed to be subscribed
- ❖ Incentives may be given to the SF faculty by the management for publishing papers and producing 100% results
- ❖ Students may be asked write job oriented online exams (elitmus, brain bench etc.,) for better placements
- ❖ Importance has to be given for communication and soft skills classes

### **Conclusion**

- ❖ Fundamental rules and regulations followed by the college management and department staff members are good
- ❖ Basic amenities and infrastructure in the college and the department is satisfactory
- ❖ Faculty members are well experienced, qualified and talented and need more motivation in the form of incentives for publications and training.

### 14. Signature of the Academic Audit Panel Members

<p><b>Chair Person</b>  <b>Mr.D. Kathiravan</b> M.A.,M.Phil., B.Ed., SET  Assistant Professor &amp; Head of Economics,  St. John's College,  Palayamkottai 627 002, Tamil Nadu.</p>	 <b>D. KATHIRAVAN, M.A., M.phil., B.Ed.,</b> Assistant Professor of Economics St. John's College Palayamkottai - 627 002
<p><b>Subject Expert – 1</b>  <b>Dr.P.Devaraj</b> M.A., M.Phil, Ph.D  Associate Professor of Economics,  St. Xavier's College,  Tirunelveli-2.  Ph: 9486701766</p>	 <b>Dr. P. Devaraju, M.A., M.Phil., Ph.D.</b> & ASSOCIATE PROFESSOR DEPARTMENT OF ECONOMICS ST. XAVIER'S COLLEGE (AUTONOMOUS PALAYAMKOTTAI) - 627 002
<p><b>Subject Expert – 2</b>  <b>Dr. P. Mary Thangam,</b>  Assistant Professor,  Department of Economics,  Sarah Tucker College,  Tirunelveli -627007,  e.mail : adrielblesson@gmail.com</p>	 <b>DR. P. MARY THANGAM</b> Assistant Professor Department of Economics & Research Centre. Sarah Tucker College (Autonomous) Tirunelveli - 627 007.
<p><b>Industrialist</b>  <b>Mr. R. Smith Andrews,</b>  Andrews Builders,  45A, Alfa Blessing Apartments,  Trivandrum Road,  Tirunelveli-2.  Ph: 9366667900</p>	 <b>ANDREWS BUILDERS</b> Tirunelveli
<p><b>Dr.S.JohnKennadyVethanathan</b>  The Principal  St.John's College  Palayamkottai  Tirunelveli</p>	 <b>PRINCIPAL</b> <b>St. JOHN'S COLLEGE</b> <b>PALAYAMKOTTAI - 627 002</b>
<p><b>The IQAC Coordinator,</b>  St.John's College  Palayamkottai  Tirunelveli</p>	 <b>Dr A. Arulgnanam</b> <b>IQAC COORDINATOR</b> <b>ST JOHN'S COLLEGE</b> <b>PALAYAMKOTTAI</b>





**ST. JOHN'S COLLEGE PALAYAMKOTTAI  
TIRUNELVELI – 627 002**

[sjc1878@stjohnscollege.edu.in](mailto:sjc1878@stjohnscollege.edu.in), [www.stjohnscollege.edu.in](http://www.stjohnscollege.edu.in)



# **Annual Academic Audit Report**

---

**2017-18**

**Department of Commerce**

**25<sup>th</sup> & 26<sup>th</sup> July 2018**

<b>Table. No</b>	<b>Table of Contents</b>	<b>Page No.</b>
1	Introduction	1
2	Objectives of Academic Auditing:	1
3	Academic Audit Panel Members	1
4	Schedule of the Annual Academic Audit	3
5	Department Profile	3
5.1	About the Department	3
5.2	Best Practices of the Department	4
5.3	Infrastructure in the Department	5
5.4	Department Library Facilities	5
6	Faculty Profile	6
6.1	List of the Faculty members in Aided stream	6
6.2	List of the Faculty members in Un - Aided stream	7
6.3	List of the Faculty based on API score	8
6.4	Research and Consultancy	9
7	Students' Profile	11
7.1	Student's Statistics for the year 2017-2018	11
7.2	List of the student representatives	11
7.3	List of ongoing Research Scholars	12
7.4	Placement Details	13
8	Curriculum	14
8.1	UG Programme Structure	14
8.1.1	PG Programme Structure	16
8.2	B.Com with Computer Application Programme Structure	17
8.3	Course Evaluation Pattern	18
8.4	Result Analysis	19
8.5	Programme	28
9	Outcome	31
10	Suggestions	32
11	Signature of the Academic Audit Panel Members	33

# 1. Introduction

The process of Academic Auditing intends to monitor and enhance the quality of science education through proper guidelines for both teaching faculty and students, so as to ensure qualified students/researchers passing out from the department. It presents the objectives of academic auditing, the process of internal and external evaluation of courses, major/mini projects, seminars, overall discipline and academic functioning of the department, duties and responsibilities of faculty members, research and consultancy and class/course committees. The Annual Academic Audit of the Department was conducted on 25th and 26th July 2018.

## 2. Objectives of Academic Auditing:

- (i) To define quality of each component of the functionalities.
- (ii) To define effectiveness of teaching – learning process.
- (iii) To devise methodology to confirm maximum output from faculty members as well as students.
- (iv) To ensure academic accountability and quality of technical education through proper guidelines for both teaching faculty and students/researchers.

## 3. Academic Audit Panel Members

**The Name, Designation and Address of Academic Audit Experts are given in detail:**

### **Chair Person**

#### **Dr. S. Daniel David Annaraj**

Assistant Professor of Commerce,  
St. John's College,  
Palayamkottai 627 002, Tamil Nadu.  
Mob.: 9442183503

### **Co-ordinator**

#### **Dr. B.Felix Francy**

Assistant Professor of Commerce,  
St. John's College,  
Palayamkottai 627 002, Tamil Nadu.  
Mob.: 94424 61434

### **Co-ordinator**

#### **Dr. T.Stanley Davismani**

Assistant Professor of Commerce,  
St. John's College,  
Palayamkottai 627 002, Tamil Nadu.  
Mob.: 94422 30549

### **Co-ordinator**

#### **Dr. P.Abraham**

Assistant Professor of Commerce,  
St. John's College,  
Palayamkottai 627 002, Tamil Nadu.  
Mob.: 9791667600

### **Co-ordinator**

#### **Dr. T.Samson Joe Dhinakaran**

Assistant Professor of Commerce,  
St. John's College,  
Palayamkottai 627 002, Tamil Nadu.  
Mob.: 9025126148

### **Co-ordinator**

#### **Dr. J.Kamala Juliet Isaac**

Assistant Professor of Commerce, (**Batch II**)  
St. John's College,  
Palayamkottai 627 002, Tamil Nadu.  
Mob.: 9487578742



**Co-ordinator**

**Mrs.K.Nishanthini**

Assistant Professor of Commerce, (**Batch – III**)

St. John's College,  
Palayamkottai 627 002, Tamil Nadu.  
Mob.: 94428 66356

**Subject Expert – 1**

**Dr. Mahil Kamalam**

Qualification: M.Com.,M.Phil.,Ph.D B.ED  
PGDCA MBA

Designation: Assistant Professor & Head,  
Department of Commerce,  
Women's Christian College,  
Nagercoil,

Email : [mahilkamalam@redifmail.com](mailto:mahilkamalam@redifmail.com)

Contact Nos. : 9500618415

**Subject Expert – 2**

**Dr. S. Prince Jebaraj,**

Qualification: M.Com., M.Phil., M.B.A.,  
Ph.D.

Designation: Assistant Professor,  
Department of Commerce,  
St. Xavier's College (Autonomous),  
Palayamkottai,

Tirunelveli - 627 002.

Email : [princejebarajs@gmail.com](mailto:princejebarajs@gmail.com)

Contact Nos. 98949 07774

**Industrialist**

**Mr. K. Jegan**

**Director**

**Rehoboth Group of Companies**

Tirunelveli.

Ph: 9443269101

Email: [jegan@rehobothasia.com](mailto:jegan@rehobothasia.com)

## 4. Schedule of the Annual Academic Audit

<b>DAY 1 (25th July 2018)</b>	
<b>Timing</b>	<b>Activity</b>
10:00 AM – 10:30 AM	Meeting of the Panel with the Principal and IQAC coordinator in Principal's Office along with the Head of Commerce.
10:30 AM – 11:15 AM	Department overall presentation in the Department along with IQAC coordinator and the Panel
11:15 AM – 11:30 AM	Tea Break
11:30 AM – 11:50 AM	Meeting the UG students in aided stream
12:10 PM – 12:30 PM	Meeting the student representatives of UG in Aided stream
01:00 PM – 02:00 PM	Lunch Break
02:20 PM – 02:40 PM	Meeting the UG students in Un-aided stream
02:40 PM – 03:10 PM	Meeting the PG students in Un-aided stream
03:10 PM – 03:30 PM	Tea Break
03:30 PM – 04:00PM	Meeting the student representatives of UG and PG classes in unaided stream
<b>DAY 2 (26th July 2018)</b>	
<b>Timing</b>	<b>Activity</b>
10:00 AM – 10:30 AM	Entry Meeting of the Panel in the Department
11:00 AM – 11:30 AM	Visiting the Infrastructure
11:30 AM – 12:30 PM	Verifying the Audit Report and the Support Evidences
12:30 PM – 01:30 PM	Lunch Break
01:30 PM – 02:30 PM	Verifying the Audit Report and the Support Evidences
02:30 PM – 04:00 PM	Preparation of the Annual Audit Report
04:00 PM – 04:30 PM	Exit Meeting with the Principal and IQAC coordinator in Principal's Office

## 5. Department Profile

### About the Department

The department of commerce was established in the year 1980. Dr. K. Anbalagan became the head of the department from the year 1980 – 2011 and Dr. J. Stanley Pandian served the department from the year 1981 – 2016. Dr. R. Kingsley Earnest, whose period of service started from 1981 and after the retirement of Dr. K Anbalagan, he became the head of the department in the year 2011.

Prof. G. Ravindran served the department from 1981 – 2006 and Dr. I Jeyasundersingh's tenure ranged from the year 1983 – 2012. After that, Dr. S. Daniel David Annaraj was appointed in the year March 2014 and to be in charge of head of the department

from June 2014 onwards. Dr. (Mrs) Felix Francy was the first lady faculty in the department from the year March 2014.

Dr. T. Sanley Davis Mani and Dr. P. Abraham entered into the department in the year October 2014 and Dr. T. Samson Joe Dhinakaran joined in the year October 2016.

The B.Com as a UG degree course under Self Supported Scheme was started in the year 1997 and M.Com in the year 2006. The B.Com Computer Application is started in the year 2009 and it has converted into B.Com General in the year 2017. The department was upgraded as the Research centre in the year 2017.

The department has been providing quality education and also to make students employable in the society. The Commerce department focus and motivate to join the professional courses like Chartered Accountant and Cost Accountant, Company Secretaries, etc., It has 17 well qualified and experienced faculties with rich experience in the field of Academic, Research & Development and Publication of articles in various referred / reputed national and international journals. It is the practice of the department to conduct periodical seminars and inter-collegiate competitions in order to disseminate knowledge in the field of commerce and industry.

Learning is a process which extends beyond classrooms with the view to widen their horizon, the students of our department are motivated to participate in various competitions and they bring laurels to the Institution.

Our course and curriculum effectively contribute for the national productivity and international competitiveness. Our students acquire computer skills, entrepreneurial skills, leadership qualities and learn investment tactics. Our students are becoming courageous, encouraging, energetic and creative. Our students are taking part in the entire academic competitions organised by various colleges of various universities across the state and they have won many medals.

### **5.1 Best Practices of the Department:**

1. For The Student byThe Student.
2. Constructing the Character.

## 5.2 Infrastructure in the Department

S. No.	Items	Verification (Yes/No)	Comments		
			Batch -I	Batch -II	Batch -III
1	No. of class rooms	Yes	Three	Five	Three
2	Computers for teachers	Yes	Available	Available	Available
3	Computers for students & scholars	Yes	Available	Available	Available
4	Internet access and related software	Yes	Available	Available	Available
5	Uninterrupted Power Supply	Yes	Available	Available	Available
6	Water Supply	Yes	Available	Available	Available

## 5.3 Department Library Facilities

Area in sq. Ft.	Total No. of Books Available	Total No. of Journals Available	Total No. of Computer Systems with Internet Facilities
3420* 4 Departments	526	7	6

## 6. Faculty Profile 2017 - 2018

<b>Faculty Strength</b>	Total Staff	18
	Men	10
	Women	08
<b>Qualification</b>	Ph.D.	10
	NET	01
	SET	07
	M.Phil.	16

### 6.1 List of the Faculty members in Aided stream

S. No.	Name of the Staff	Qualification	Designation and Responsibilities	Date of Joining	Area of Specialisation
1	Dr. S. Daniel David Annaraj	M. Com., M.Phil., Ph.D., SET., NET., ACMA.	Assistant Professor & Head, Exam In-Charge	17 – 03 - 2014	Accounting and Finance
2	Dr. B. Felix Francy	M.Com., Ph.D., SET., MBA.	Assistant Professor, Programme Coordinator	17 – 03 - 2014	Marketing
3	Dr. T. Stanley Davis Mani	M.Com., M.Phil., Ph.D., MBA., PG. Dib Tour., B. Ed.	Assistant Professor, NAAC and Blood Donor Club	24 – 10 - 2014	Banking and Taxation
4	Dr. P. Abraham	M.Com., M.Phil., Ph.D., SET.	Assistant Professor, NSS Coordinator and Alumni Association In-Charge	24 -10 - 2014	HRM
5	Dr. T. Samson Joe Dhinakaran	M.Com., M.Phil., Ph.D. MBA., PGDCAB	Assistant Professor, NAAC and AAA Report Coordinator	17- 10 - 2016	Cost and Management Accounting

## 6.2 List of the Faculty members in UN - Aided stream

Sl. No.	Name of the Staff	Qualification	Designation and Responsibilities	Date of Joining	Area of Specialisation
1	Mrs. K. Jasmine Thangamani	M. Com., M.Phil.	Assistant Professor and AAA Coordinator.	01-08-2006	Marketing
2	Dr. D. Janis Bibiyana	M. Com., M.Phil., Ph.D., SET., MBA.	Assistant Professor and Head	17-08-2006	HRM
3	Dr. J. Kamala Juliet Isaac	M. Com., M.Phil., Ph.D., MBA.	Assistant Professor, Head and AAA Coordinator.	04-12-2006	Banking and Accounting
4	Mrs. K. Nishanthini	M.Com., M.Phil., MBM	Assistant Professor and Documentation In-Charge	02-07-2007	Banking and Finance
5	Dr. G. Koil Samuel	M.Com., M.Phil., Ph.D., MBA	Assistant Professor and Blood Donor Club	14-08-2008	Human Resource Management
6	Dr. V. Sylviya Johnsi Bai	M.Com., M.Phil., Ph.D., SET.	Assistant Professor and Exam In-Charge	03-12-2008	Marketing and Banking
7	Mrs. RSD. Arockia Mary	M. Com., M.Phil. SET	Assistant Professor, Girls Welfare Mentor	01-07-2010	Marketing and EDP
8	Dr. S. Dani Roman Singh	M.Com., M.Phil., Ph.D., PGDCA	Assistant Professor, Library In-Charge	21-06-2012	Taxation
9	Mr. R. Allwin Nirmal Singh	M.Com., M.Phil., SET., PGDCA	Assistant Professor, Exam In-Charge and NAAC	18-06-2014	Taxation
10	Mr. S. Sam Santhosh	M.Com, M.Phil., MBA	Assistant Professor and NAAC	18-06-2014	Taxation
11	Mrs. S. Grace	M. Com., M.Phil.	Assistant Professor and Documentation In-Charge	13 - 01 - 2016	EDP
12	Mr. M. Mathew Richardson	M.Com., M.Phil.	Assistant Professor and Exam In-Charge	07-12-2017	Cost and Management Accounting
13	Mr. S. Dany Regan	B.A., B.L.	Part-time Lawyer	11-01-2016	Law

### 6.3 List of the Faculty based on API score

<b>Sl. No</b>	<b>2017-2018</b>	<b>API Score</b>
1	Dr. S. Daniel David Annaraj	210
2	Dr. B. Felix Francy	135.5
3	Dr. T. Stanley Davis Mani	206.1
4	Dr. P. Abraham	137.5
5	Dr. T. Samson Joe Dhinakaran	230.5
6	Mrs. K. Jasmine Thangamani	123.5
7	Dr. D. Janis Bibiyana	130
8	Dr. J. Kamala Juliet Isaac	148
9	Mrs. K. Nishanthini	130.5
10	Dr. G. Koil Samuel	181
11	Dr. V. SylviyaJohnsiBai	136.5
12	Mrs. RSD. Arockia Mary	135.5
13	Dr. S. Dani Roman Singh	130
14	Mr. R. AllwinNirmal Singh	158.5
15	Mr. S. Sam Santhosh	136.5
16	Mrs. S. Grace	130
17	Mr. M. Mathew Richardson	148.5

## 6.4 Research and Consultancy

Name of the author/s	Title of paper	Name of journal	Month and Year of publication	ISSN number
Dr. S. Daniel David Annaraj	Service Quality of Commercial Banks: A Study	International of Applied Services Marketing Perspective	Jun-17	ISSN Print - 2279-0977 Online: 2279-0985 UGC- 47673
Dr. S. Daniel David Annaraj	Online Banking Services Provided to Customers by Public Banks	IJFR	Jun-17	Issn Online: 2321-0354 Print: 2347-1654 UGC: 48817
Dr. S. Daniel David Annaraj	Marketing Strategies for Products of Self help groups in Tirunelveli	International Journal of B-Digest	18-Feb	0975-2617
Dr. S. Daniel David Annaraj	Role of Women in Self help Group in Palayammkottai	International Journal for Economics and Business Management	Mar-18	2250-2750 UGC - 47151
J. Kamala Juliet Isaac	Assessment of Business Practices by Online Marketing Services	Journal of Advance Management Research	Feb-18	2393-9664
M. Visagalakshmi, <b>J. Kamala Juliet Isaac</b>	Service Quality Management of Cellular Service Markets	The International Journal for Economics and Business Management	Mar-18	2250-2750
D Jancy Rani, <b>J. Kamala Juliet Isaac</b>	Stress Management of Women Entrepreneurs	The International Journal for Economics and Business Management	Mar-18	2250-2750
<b>J. Kamala Juliet Isaac</b> , S. Kavitha	Work Life Balance of School Teachers - A study with Special Reference to Private Schools in Tirunelveli District	The International Journal for Economics and Business Management	Mar-18	2250-2750
<b>G. Koil Samuel</b> , D. Anna Sheela	A study on women empowerment of self help groups in Tirunelveli district	The International Journal for Economics and Business Management	Mar-18	2250-2750
<b>R.S.D. Arockia Mary</b> , S. Arul Raj Ponnudurai	A study on college students responses in entrepreneurial intentions in St. John's College Palayamkottai	The International Journal for Economics and Business Management	Mar-18	2250-2750
R. AllwinNirmal Singh, T. Stanley Davis Mani	Role stress management among employees in private sector banks with special reference to tirunelveli district	The International Journal for Economics and Business Management	Mar-18	2250-2750
K. Jasmine Thangamani, K. Nishanthini	A study on women entrepreneur in tirunelveli	The International Journal for Economics and Business Management	Mar-18	2250-2750
V. SylviyaJohnsiBai	An empirical study on Stress Management for College students in Asts and Science College Tirunelveli City	The International Journal for Economics and Business Management	Mar-18	2250-2750



<b>G. Koil Samuel, T. AnithaRajathi</b>	Causes and effects of stress among working women in banking sector	The International Journal for Economics and Business Management	Mar-18	2250-2750
<b>G. Koil Samuel, J. JeyanthiSanthal</b>	Water resource management	The International Journal for Economics and Business Management	Mar-18	2250-2750
S. Grace, T. Stanley Davis Mani	Students Awareness and Benefits of Green banking in Tirunelveli District	The International Journal for Economics and Business Management	Mar-18	2250-2750
Dr. M. Julius Cesar, <b>M. Mathew Richardson</b>	A Study On Demonetisation And Its Impact on the Middle Class Section of the Society With Particular Reference to Tirunelveli	An International Journal of Contemporary Studies, Pune Research Times, Pune	Oct – Dec 2017	2456- 0960
M. Mathew Richardson	Impact of GST on tourism & Hospitality Industry in India – An overview	International Conference on Innovation & Modern Practices in Global Business Management	Mar-18	ISSN 2250 – 2750, UGC Journal No: 4751

## 7.Students' Profile

### 7.1 Student's Statistics for the year 2017-2018

The students are admitted on each course based on the Government schemes of reservation. The community wise student's statistics are given below:

COURSE	OTHER THAN MINORITY														Minority		Muslim		Total		Total
	SC		SCA		ST		BC		DNC		MBC		OC		M	F	M	F	M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F							
B.COM	1	2	0	0	0	0	9	6	2	1	2	0	2	2	15	21	1	0	32	32	64
B.COM SF	4	1	0	0	0	0	20	5	4	0	1	0	8	2	13	6	0	0	50	14	64
B.COM CA	5	4	1	0	0	0	20	5	4	0	0	0	6	2	9	6	2	0	47	17	64
M.COM	0	1	0	0	0	0	1	3	1	1	0	0	2	0	4	2	0	0	8	7	15
TOTAL	10	8	1	0	0	0	50	19	11	2	3	0	18	6	41	35	3	0	137	70	207
	18		1		0		69		13		3		24		76		3		207		

### 7.2 List of the student representatives

Course	Name of student representative
I B.Com	B. Aravindhan
II B.Com	S. Naveetha Krishnan
III B.Com	J. Kannamudaiyar @ Kannan
I B.Com ( Batch II)	G.D. Venkatesh
II B.Com	Satheeswaran
III B.Com	Dhanasingh
I M.Com	Ramya
II M.Com	Vellapandi
I B.Com ( CA )	Harivishnu
II B.Com	Alamelu
III B.Com	Subbulakshmi

### 7.3 List of On-going Scholars under Supervisor

**Dr. T. STANLEY DAVIS MANI**

Sl. No.	Candidate Name	Reg. No.	Full time/ Part Time	Date of Commencement
1	R. MANO JULIET	18111271012031	Full Time	10-01-2018
2	R. ALLWIN NIRMAL SINGH	18121271011023	Part Time	10-01-2018
3	S. GRACE	18131271012020	Part Time	10-01-2018
4	P. PARVATHY	18121271012034	Part Time	10-01-2018

**Dr.J. KAMALA JULIET ISAAC.**

Sl. No.	Candidate Name	Reg. No.	Full time/ Part Time	Date of Commencement
1	D. JANCY RANI	18121271012032	Part Time	10-01-2018
2	M. VISAGALAKSHMI	18124011012060	Part Time	10-01-2018
3	S. KAVITHA	18124011012061	Part Time	10-01-2018
4	A. SHUNMUGAVADIVU	17222231012013	Part Time	10-08-2017

**Dr. G. KOIL SAMUEL.**

Sl. No.	Candidate Name	Reg. No.	Full time/ Part Time	Date of Commencement
1	D. ANNA SHEELA	18111271012033	Full Time	10-01-2018
2	J. JEYASEELI SANTHAL	18131191012005	Full Time	10-01-2018
3	T. ANITHA RAJATHI	18131271012035	Part Time	10-01-2018

**Dr. D. JANIS BIBIYANA.**

Sl. No.	Candidate Name	Reg. No.	Full time/ Part Time	Date of Commencement
1	P. JOHNY SAMDAS LONGTON	18121191011010	Part Time	10-01-2018

## 7.4 Placement Details

In the year 2017 – 2018 there are 38 number of students are placed in private companies, 2 number of students are placed in State Government of Tamilnadu, few number of students are go for their higher studies and some of the students entered as entrepreneurs.

Murugan V	B.Com CA	Government Of India Ministry Of Railwys, Mappalayam, Near SbiAtmMapalayam, Madurai- 625016, Tamil Nadu, India.
A. Karthickeyan	B.Com CA	IDBI Bank, Ground Floor, City Shopping Centre, Kokkirakulam, Tirunelveli-627003, Tamil Nadu, India.
T. Manikandan	B.Com CA	IDBI Bank, Ground Floor, City Shopping Centre, Kokkirakulam, Tirunelveli-627003, Tamil Nadu, India.
J. Viswananthan - 7845275586	B.Com CA	IDBI Bank, Ground Floor, City Shopping Centre, Kokkirakulam, Tirunelveli-627003, Tamil Nadu, India.
M. Divya - 9025679097	B.Com CA	IDBI Bank, Ground Floor, City Shopping Centre, Kokkirakulam, Tirunelveli-627003, Tamil Nadu, India.
M. Selvaraj	B.Com CA	IDBI Bank, Ground Floor, City Shopping Centre, Kokkirakulam, Tirunelveli-627003, Tamil Nadu, India.
S. Sriram Murthy	B.Com CA	IDBI Bank, Ground Floor, City Shopping Centre, Kokkirakulam, Tirunelveli-627003, Tamil Nadu, India.
G. Gousalya	B.Com CA	Amnet Systems Private Limited, JVL Plaza, 4th Floor, 501, Anna Salai, Teynampet, Chennai- 600018, Tamil Nadu, India.
N. Aruna Devi	B.Com CA	Ken Bridge School, 368/1, Arunachala Meadows NaranamamalPuram, Sankarnagar-627357, Tamil Nadu, India.
Easaivanitha Chokkalingam	B.Com R	Indain Audit And Accounts Department, AG's Office Complex, 361, Anna Salai, Teynampet, Chennai-600018, Tamil Nadu, India.
Kepson Marcus	B.Com R	Springer Nature, Tower 8 & 9 Magarpatta City SEZ, Hadapsar, Pune-411013, Maharashtra, India.

## 8. Curriculum

The main purpose of commerce education is to provide knowledge about the commerce and to prepare the student for vocational competency including training and development of skill. The Curriculum aims at providing basic tools and exposure to students who intend to pursue Master Degree in Commerce at the international level. It is being revised periodically and followed the course structure that was prescribed by Manonmaniam Sundaranar University. The Programme Structure for the degrees of B.Com. M. Com., and Ph.D., in the discipline of Commerce are mentioned below.

### 8.1 UG Programme Structure

Sem	Subject Code	Course Name	Course Type	Hours Allotted	Credit	IM	EM	TM
<b>I</b>	SITL11	Tamil	Part-I	6	4	25	75	100
	S2EN11	English	Part-II	6	4	25	75	100
	SMCO11	Financial Accounting-I	Major	5	4	25	75	100
	SMCO12	Business Organisation	Major	5	4	25	75	100
	SACO11	Business Economics	Allied	6	3	25	75	100
	SEVS21	Environmental Studies	Common	2	2	25	75	100
<b>II</b>	SITL21	Tamil	Part-I	6	4	25	75	100
	S2EN21	English	Part-II	6	4	25	75	100
	SMCO21	Financial Accounting-II	Major	5	4	25	75	100
	SMCO22	Business Management	Major	5	4	25	75	100
	SACO21	Principles of Marketing	Allied	4	3	25	75	100
	SVBE21	Value Based Education	Common	2	2	25	75	100
	SFCO21	Field Work	Major	2	2	50	50	100
<b>III</b>	JMCO 31	Advanced Financial Accounting-I	Major	6	4	25	75	100
	JMCO 32	Business Statistics	Major	6	4	25	75	100
	JMCO 33	Banking	Major	6	4	25	75	100
	JACO 31	Company Organisation	Allied	6	4	25	75	100
	JSCO3B/ JSCO3A	Business Communication/	Skilled	4	4	25	75	100

		Office Management						
	JNHI3A JNEC3A	Freedom Movement in India ( Batch I) Economic for Competitive Examination-I ( Batch II & CA)	NME	2	2	25	75	100
<b>IV</b>	JMCO41	Advanced Financial Accounting-II	Major	6	4	25	75	100
	JMCO42	Business Mathematics	Major	6	4	25	75	100
	JMCO4A	Business Taxation	Major	5	4	25	75	100
	JSCO4C	Computer Application in Business	Allied	5	4	25	75	100
	JSCO4A	Entrepreneurship Development	Skilled	4	4	25	75	100
	JNEC4A/ JNH14B	Indian Constitution ( Batch-I) Economic for Competitive Exam ( Batch- II &III)	NME	2	2	25	75	100
<b>V</b>	GMCO51	Corporate Accounting-I	Major	7	4	25	75	100
	GMCO 52	Cost Accounting	Major	7	4	25	75	100
	GMCO 53	Business Law	Major	6	4	25	75	100
	GMCO 5A	Income Tax Law & practice-I	Major Elective	6	4	25	75	100
	GCSB 5A	Personality Development	Skilled	4	2	25	75	100
<b>VI</b>	GMCO61	Corporate Accounting-II	Major	6	4	25	75	100
	GMCO62	Management Accounting	Major	6	4	25	75	100
	GMCO63	Industrial Law	Major	6	4	25	75	100
	GMCO64	Auditing	Major	6	4	25	75	100
	GMCO6A	Income Tax Law & practice-II	Major Elective	6	4	25	75	100

IM – Internal Marks, EM – External Marks, TM – Total Marks, H – Hours/week, C – Credits.

## 8.2 PG Programme Structure

Semester	CODE	Course code	Course Name	Hours Allotted	Credit	IM	EM	TM
I	PKCM 11	Management Accounting	Core	6	4	25	75	100
	PKCM12	Advanced Business Statistics	Core	6	4	25	75	100
	PKCM13	Management Concept & Organisational Behaviour	Core	6	4	25	75	100
	PKCM 14	Office Automation	Core	6	4	25	75	100
	PKCM15	Modern Marketing Management	Core	6	4	25	75	100
II	PKCM 21	Financial Management	Core	6	4	25	75	100
	PKCM22	Advanced Business Statistics	Core	6	4	25	75	100
	PKCM23	Legal Framework of Business	Core	5	4	25	75	100
	PKCM 24	Business Environment	Core	5	4	25	75	100
	PKCM25	Retail Management	Core	4	4	25	75	100
	PKCE21	Entrepreneurship Development	Allied	4	3	25	75	100
III	KKCM31	Advanced Corporate Accounting	Core-11	6	5	25	75	100
	KKCM32	Taxation and Tax Planning	Core-12	6	5	25	75	100
	KKCM33	E-Commerce	Core-13	6	5	25	75	100
	KKCM34	Human Resource Management	Core-14	6	5	25	75	100
	KKCM35	Research Methodology	Core-15	6	5	25	75	100
IV	KKCM41	Advanced Cost Accounting	Major	8	5	25	75	100
	KKCM42	Computerised Accounting Packages - Tally 9.0	Major	8	5	25	75	100
	KKCM43	Financial Markets	Major	7	5	25	75	100
	KKCP41	Project	Major	7	5	25	75	100

IM – Internal Marks, EM – External Marks, TM – Total Marks, H – Hours/week, C – Credits.

### 8.3 B.COM with Computer Application Programme Structure

Sem	Course Code	Course Name	Course Type	H	C	TM	IM	EM
III	JMCO31	Advanced Financial Accounting-I	Major	6	4	25	75	100
	JMCO32	Business Statistics	Major	6	4	25	75	100
	JMCO33	Modern Banking	Major	6	4	25	75	100
	JACN31	Page Maker& Photoshop	Allied	6	5	25	75	100
	JSCN3A	Introduction to internet and HTML	Skilled	4	4	25	75	100
	JNEC31	Economic for Competitive Exam	NME	2	2	25	75	100
IV	JMCO41	Advanced Financial Accounting-II	Major	6	4	25	75	100
	JMCO42	Business Mathematics	Major	6	4	25	75	100
	JMCO4C	Business Taxation	Major Elective	6	5	25	75	100
	JACN41	Coral draw with Application	Allied	6	5	25	75	100
	JSCN4A	Introduction to DBMS	Skilled	4	4	25	75	100
	JNEC41	Globalisation of Indian Economy	NME	2	2	25	75	100
V	GMCO51	Corporate Accounting I	Major	7	5	25	75	100
	GMCO52	Cost Accounting	Major	7	5	25	75	100
	GMCO53	Business Law	Major	7	6	25	75	100
	GMCO5A	Income Tax Law & Practice I	Major Elective	5	5	25	75	100
	GMCSB5A	Personality Development	skilled	4	4	25	75	100
VI	GMCO61	Corporate Accounting II	Major	6	5	25	75	100
	GMCO62	Management Accounting	Major	6	5	25	75	100
	GMCO63	Industrial Law	Major	6	5	25	75	100
	GMCO64	Auditing	Major	6	5	25	75	100
	GMCO6A	Income Tax Law & Practice II	Major Elective	6	5	25	75	100

IM – Internal Marks, EM – External Marks, TM – Total Marks, H – Hours/week, C – Credits.



## 8.4 Course Evaluation Pattern

This program is under Choice Based Credit System of the University. Each paper is evaluated for 100 marks with Internal 25 marks and External 75 marks. The duration of the examination is 1 hour for internal assessment test and 3 hours for external examination.

The pattern for internal assessment and the external examination are as follows:

### For UG courses

Internal Evaluation Pattern		External Evaluation Pattern	
Average of Best of two from three internal assessment test	=20	Section A (10x1=10)	=10
		Section B (5x5=25)	=25
Assignments/Seminars	=05	Section C (5x8=40)	=40
Total Marks	=25	Total	=75

### For PG Course

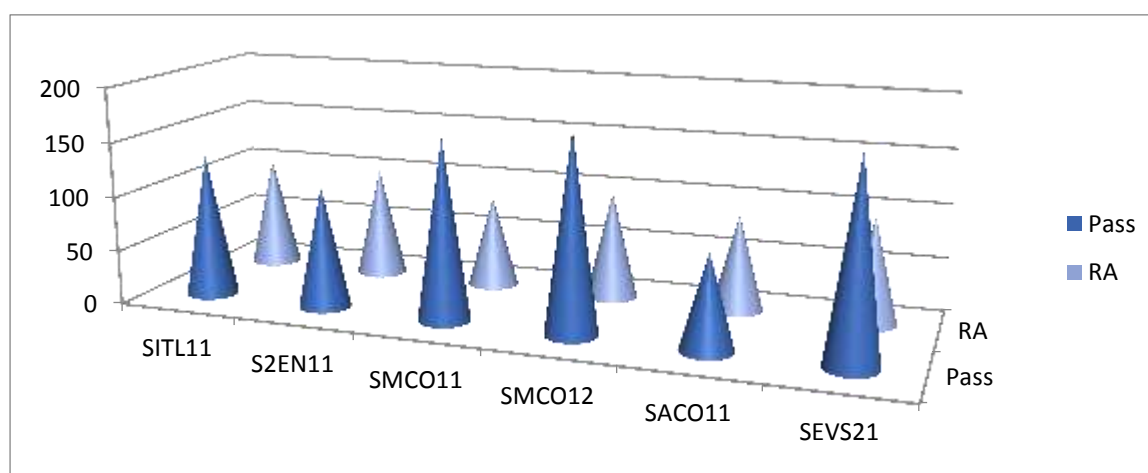
Internal Evaluation Pattern		External Evaluation Pattern		Project Evaluation Pattern	
Average of Best of two from three internal assessment test	=15	Section A (10x1=10)	=10	Continuous Internal Assessment Marks	50
Assignments	= 05	Section B (5x5=25)	= 25	End Semester Examination Marks	50
Seminars	= 05	Section C (5x8=40)	= 40		
Total Marks	=25	Total	=75	Total Marks	100

## 8.5 Result Analysis

### Semester - I

Subject Name	Subject Code	Appeared	Pass	Pass %	RA	RA %
Tamil	SITL11	192	131	68	102	53
English	S2EN11	192	111	57	102	53
Financial Accounting I	SMCO11	191	165	86	84	44
Business Organization	SMCO12	191	180	94	99	52
Business Economics	SACO11	189	86	46	88	46
Environmental Studies	SEVS21	191	180	94	97	50

Source: Compiled from November 2017

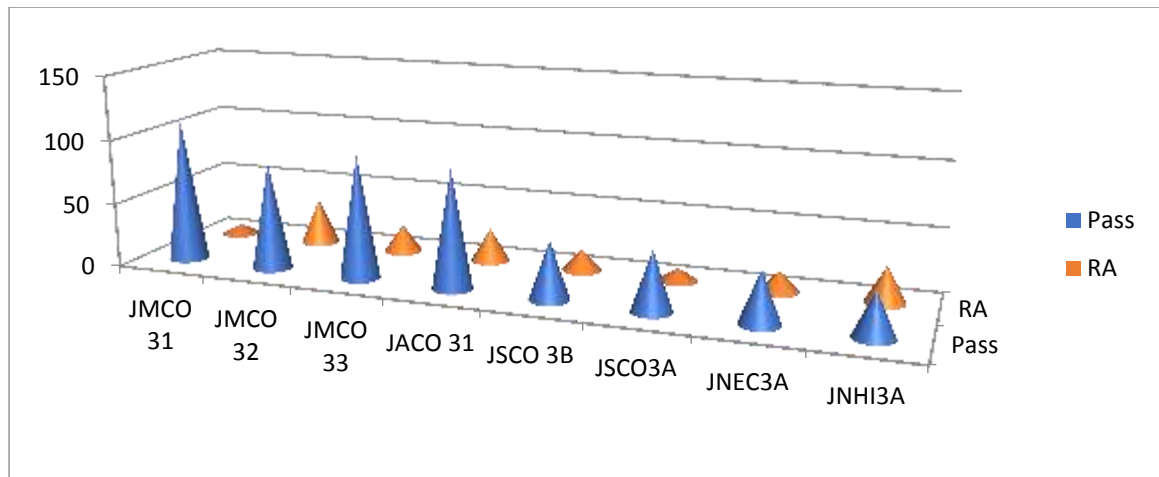


❖ In the first semester, more than 80% of the students have passed in three subjects.

### Semester - III

Subject Name	Subject Code	Appeared	Pass	Pass%	RA	RA %
Advanced Financial Accounting I	JMCO 31	119	111	93	8	6
Business Mathematics	JMCO 32	119	83	69	36	30
Modern Banking	JMCO 33	118	96	81	22	18
Company Organisation	JACO 31	118	92	78	26	22
Office Management	JSCO 3B	62	45	73	17	27
Business Communication	JSCO3A	56	46	82	10	18
Economics for competitive exam	JNEC3A	56	40	71	16	29
Freedom Movement In India	JNHI3A	62	34	53	28	47

Source: Compiled from November 2017

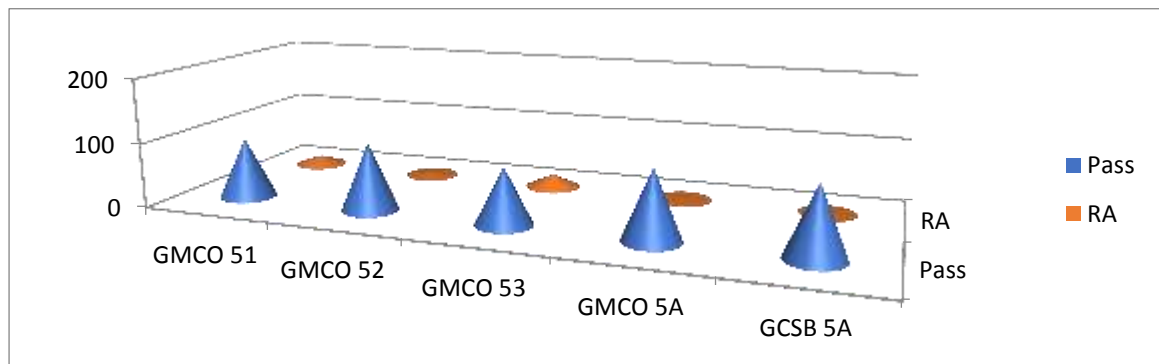


- ❖ In the third semester, more than 70 % of the students have passed in the five subjects and more than 50 % of the students have passed in all subjects.

### Semester - V

Subject Name	Subject Code	Appeared	Pass	Pass%	RA	RA %
Corporate Accounting I	GMCO 51	109	94	86	15	14
Cost Accounting	GMCO 52	109	104	95	5	4
Business Law	GMCO 53	109	88	81	21	19
Income Tax Law & Practice I	GMCO 5A	109	107	98	2	2
Personality Development	GCSB 5A	109	107	98	2	1

Source: Compiled from November 2017

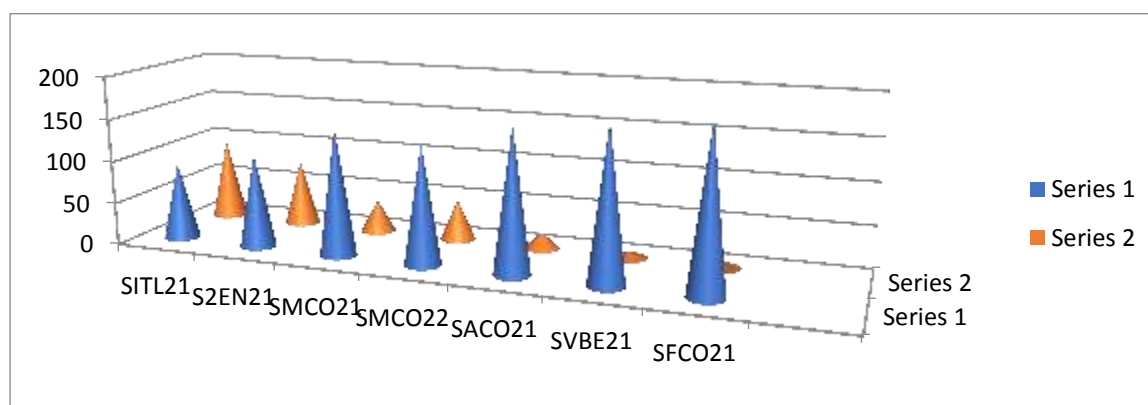


- ❖ In the fifth semester, more than 80 % of the students have passed in all the subjects.

## Semester - II

Subject Name	Subject Code	Appeared	Pass	Pass%	RA	RA %
Tamil	SITL21	188	91	48	97	51
English	S2EN21	189	111	59	78	41
Financial Accounting II	SMCO21	189	150	79	39	21
Principles of Management	SMCO22	189	140	74	49	26
Marketing	SACO21	188	169	90	19	10
Value Based Education	SVBE21	187	180	96	7	3
Field work	SFCO21	189	189	100	0	0

Source: Compiled from April 2018

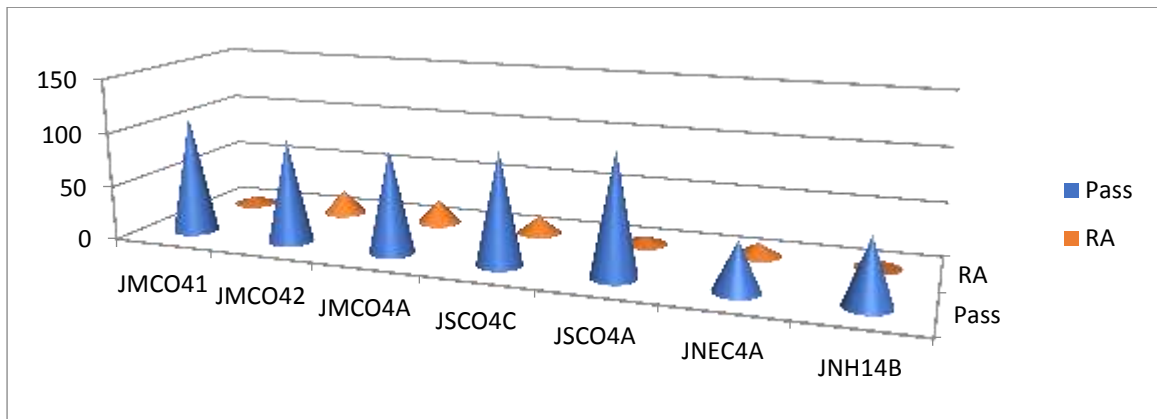


- ❖ In the second semester, more than 90% of the students have passed in the three subjects. More than 60% of the students have passed in two subjects.

## Semester - IV

Subject Name	Subject Code	Appeared	Pass	Pass%	RA	RA %
Advanced Financial Accounting	JMCO41	116	109	94	7	6
Business Mathematics	JMCO42	118	95	80	23	19
Business Taxation	JMCO4A	117	95	81	22	19
Entrepreneurship Development	JSCO4C	118	102	86	16	13
Computer Application In Business	JSCO4A	118	111	94	7	6
Globalisation of Indian Economy	JNEC4A	56	44	78	12	21
Indian Constitution II	JNH14B	60	59	98	1	2

Source: Compiled from April 2018

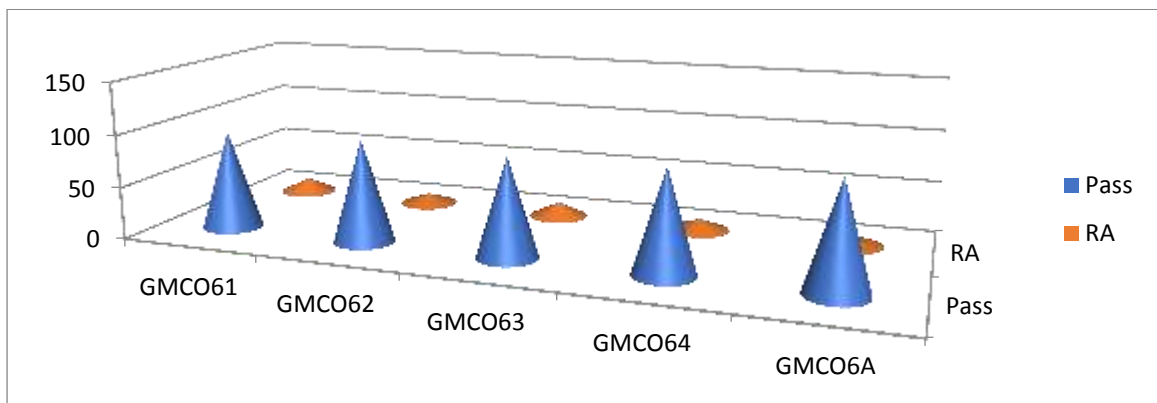


❖ In the fourth semester, more than 80% of the students have passed in all the subjects.

### Semester - VI

Subject Name	Subject Code	Appeared	Pass	Pass %	RA	RA %
Corporate Accounting II	GMCO61	108	94	87	14	13
Management Accounting	GMCO62	108	98	91	10	9
Industrial Law	GMCO63	107	94	87	14	13
Auditing	GMCO64	108	97	90	11	10
Income Tax	GMCO6A	108	101	93	7	6

Source: Compiled from April 2018 Result



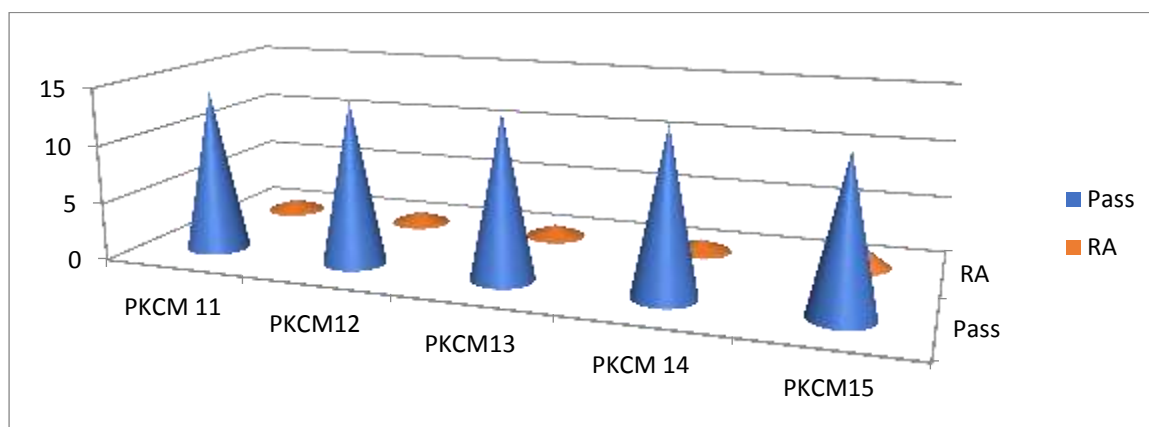
❖ In the sixth semester, more than 90% of the students have passed in all the subjects

## M.COM RESULT

### Semester - I

Subject Name	Subject Code	Appeared	Pass	Pass%	RA
Management Accounting	PKCM 11	15	14	93	01
Advanced Business Statistics	PKCM12	15	14	93	01
Management Concept & Organisational Behaviour	PKCM13	15	14	93	01
Office Automation	PKCM 14	15	14	93	01
Modern Marketing Management	PKCM15	15	13	86	02

Source: Compiled from November 2017 Result

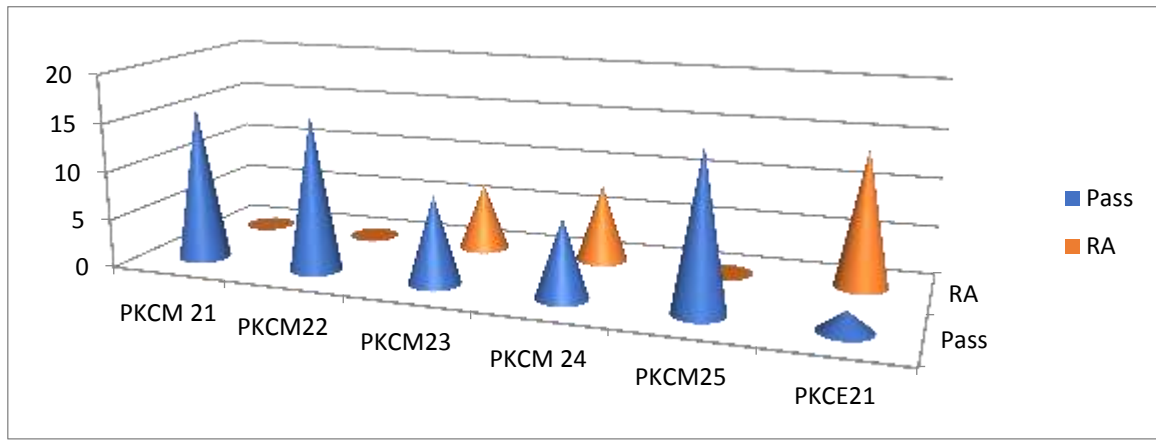


❖ In the first semester, more than 85% of the students have passed in all the subjects.

### Semester - II

Subject Name	Subject Code	Appeared	Pass	Pass%	RA
Financial Management	PKCM 21	16	16	100	00
Quantitative Techniques for Decision Making	PKCM22	16	16	100	00
Legal Framework of Business	PKCM23	16	09	56	07
Business Environment	PKCM 24	16	08	50	08
Retail Management	PKCM25	16	16	100	00
Entrepreneurial Development	PKCE21	16	02	13	14

Source: Compiled from April 2018 Result

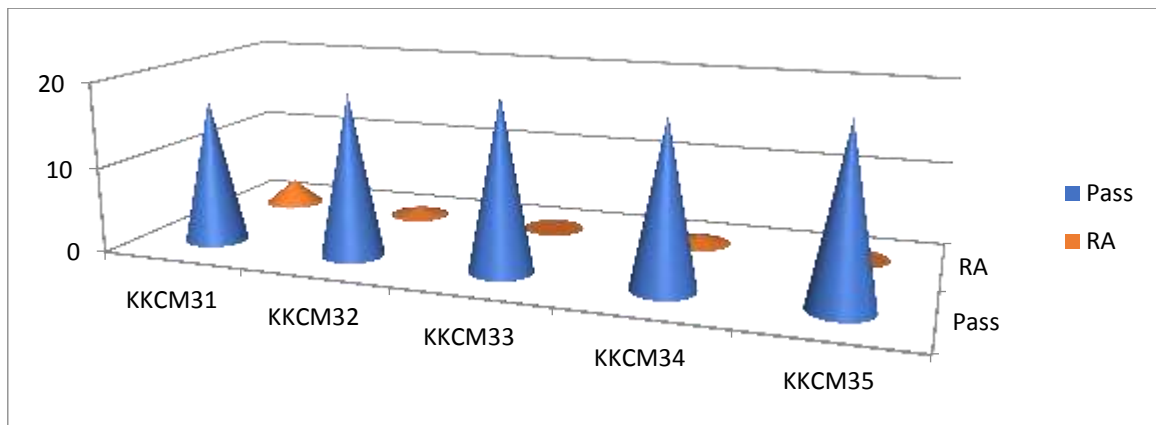


❖ In the second semester, more than 100 % of the students have passed in the three subjects and more than 50% of the students have passed in two subjects.

### Semester - III

Subject Name	Subject Code	Appeared	Pass	Pass%	RA
Advance Corporate accounting	KKCM31	20	17	85	3
Research Methodology	KKCM32	20	19	95	1
Taxation and tax planning	KKCM33	20	20	100	-
E-Commerce	KKCM34	20	19	95	1
Human Resource Management	KKCM35	20	20	100	-

Source: Compiled from November 2017 Result

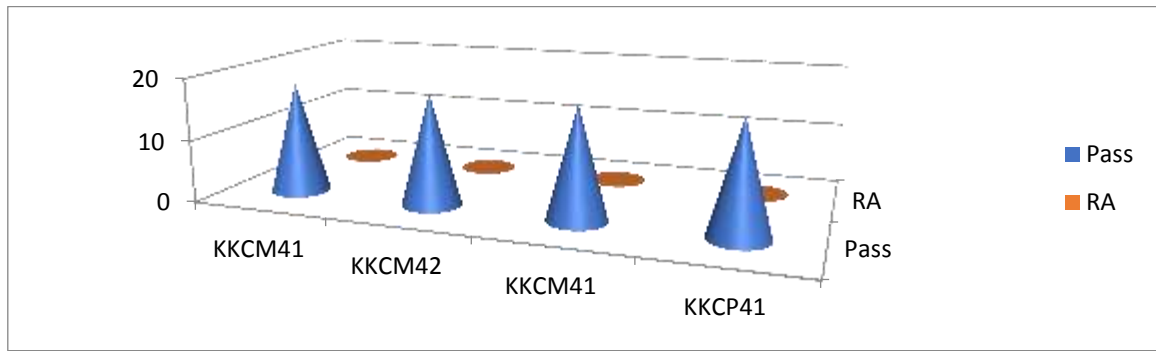


❖ In the third semester, more than 85% of the students have passed in all the subjects

### Semester - IV

Subject Name	Subject Code	Appeared	Pass	Pass%	RA
Advanced Cost Accounting	KKCM41	18	18	100	0
Computerised Accounting Packages- 9.0	KKCM42	18	18	100	0
Financial Markets	KKCM41	18	18	100	0
Projects	KKCP41	18	18	100	0

Source: Compiled from April 2018 Result



❖ In the final semester, 100 % of the students have passed in all the subjects

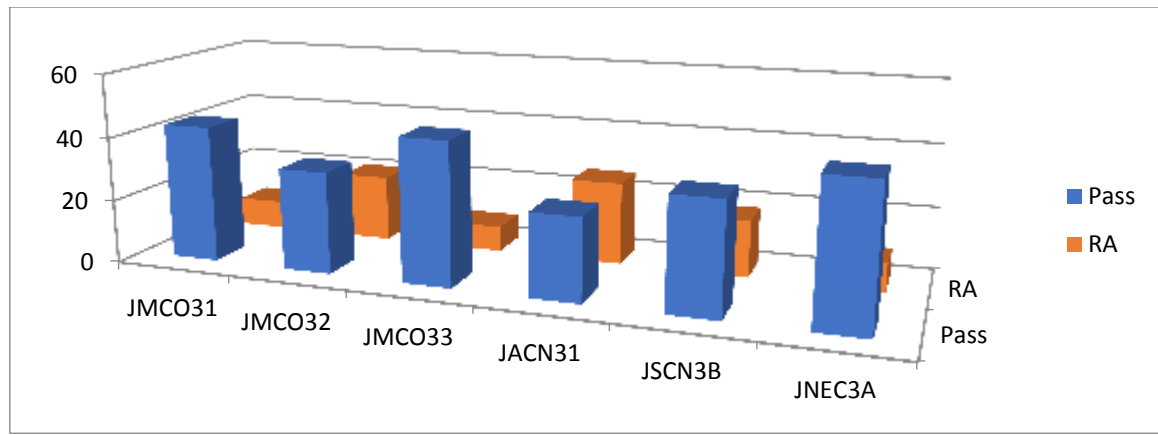
### B.Com with Computer Application

#### Semester - III

Subject Name	Subject Code	Appeared	Pass	Pass%	RA
Advanced Financial Accounting - I	JMCO31	52	43	83	9
Business Mathematics	JMCO32	52	32	60	21
Banking	JMCO33	53	45	85	8
Corel Draw With Applications	JACN31	52	26	50	26
Internet With Web Designing	JSCN3B	53	35	66	18
Economics	JNEC3A	53	44	83	9

Source: Compiled from November 2017 Result



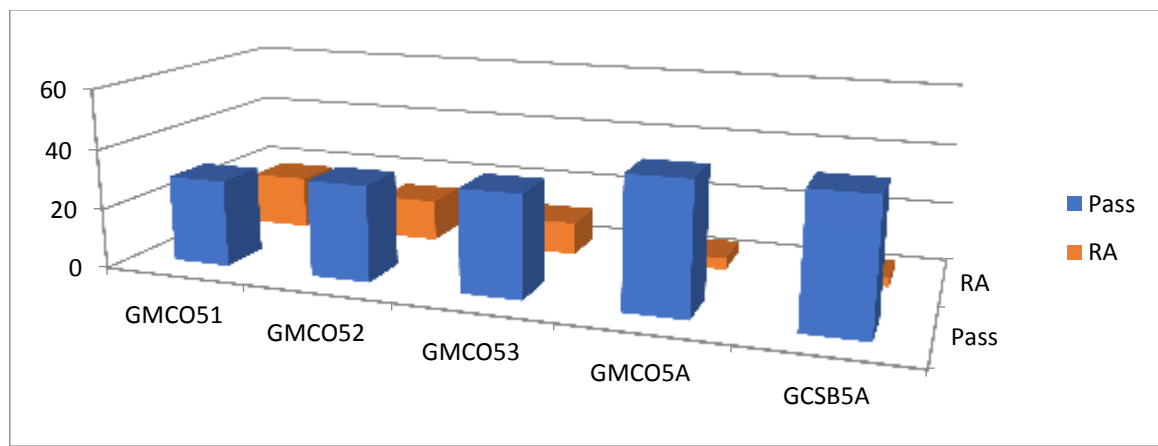


❖ In the third semester, more than 60 % of the students have passed in the five subjects.

### Semester - V

Subject Name	Subject Code	Appeared	Pass	Pass%	RA
Corporate Accounting - I	GMCO51	48	29	62	18
Cost Accounting	GMCO52	48	32	69	14
Business Law	GMCO53	48	34	75	11
Income Tax - I	GMCO5A	48	43	91	4
Personality Development	GCSB5A	48	43	93	3

Source: Compiled from November 2017 Result

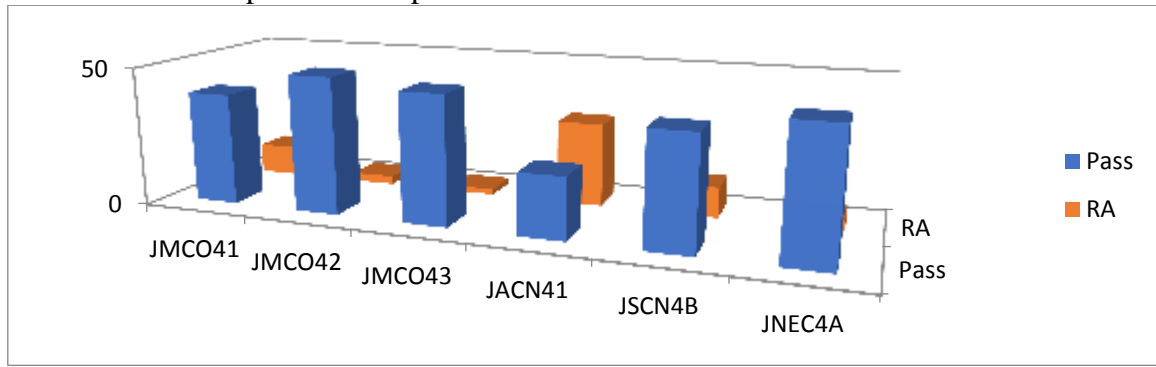


❖ In the fifth semester, more than 60% of the students have passed in all the subjects.

### Semester - IV

Subject Name	Subject Code	Appeared	Pass	Pass%	RA
Advanced Financial Accounting - II	JMCO41	51	40	77	11
Business Statistics	JMCO42	52	49	94	3
Indirect Tax	JMCO43	48	46	88	2
Html	JACN41	52	22	42	30
DBMS	JSCN4B	51	40	77	11
Globalisation	JNEC4A	50	46	88	4

Source: Compiled from April 2018 Result

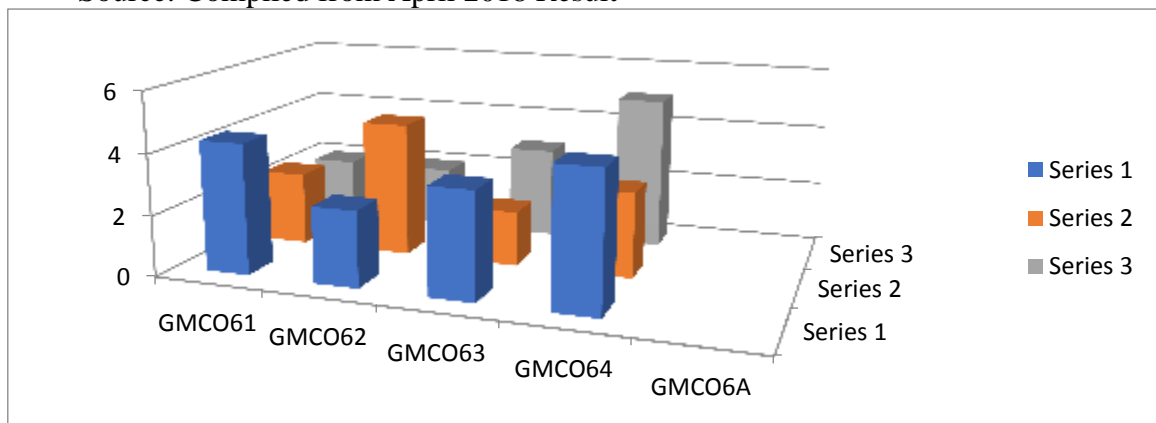


- ❖ In the fourth semester, more than 70% of the students have passed in five subjects and more than 40% of the students have passed in all the subjects.

### Semester - VI

Subject Name	Subject Code	Appeared	Pass	Pass %	RA
Corporate Accounting - II	GMCO61	47	44	94	3
Management Accounting	GMCO62	47	26	55	21
Industrial Law	GMCO63	47	34	72	13
Auditing	GMCO64	47	42	89	5
Income Tax - II	GMCO6A	47	37	79	10

Source: Compiled from April 2018 Result



- ❖ In the sixth semester, more than 80 % of the students have passed in the two subjects, more than 70% of the students have passed in two subjects and more than 50% of the students have passed in all the subjects.

## 8.5 PROGRAMME

S. No	Departments	Programme Activity	Date
1	Batch I	Association Meeting	09-08-2017
2		International Seminar	01-03-2018
3		Industrial Visit for second year students	27-09-2017
4		Industrial Visit for Final year Students	14-02-2018
5		Department Staff Meeting	07-08-2017,12-08-2017 and 31-01-2018
6		Parents Teachers Meeting	17-08-2017
7		Parents Teachers Meeting	20-02-2018
8	B.Com- Batch II	Training Programme	05-06-2017
9		Commerce Association Inauguration	08-08-2017
10		Fresher's Day Celebration	08-08-2017
11		Awareness on Company Secretary ship Course	13-09-2017
12		Experiential Learning at Nuclear Thermal power point, Kudankulam	27-09-2017
13		Crib Competition	20-12-2017
14		Educational Tour for PG (Wonderla, Trivandram)	09-01-2018
15		Tamil New Year Celebration	12-01-2018
16		Heart Check-up Camp	10-02-2018
17		Participative Learning "Students Counselling Programme for Critical Incident"	13-03-2018
18	B. Com – Batch III	Awareness of Reading Books	15-03-2018
19		Educational Tour for UG(Cochin)	23-03-2018
20		Association Meeting	29-08-2017

## International Seminar



## Experiential Learning at Nuclear Thermal power point, Kudankulam



## Heart Check-up Camp



## Association Meeting on Marketing Strategies



## **9. Outcome of the students meeting**

- ❖ Students felt that the infrastructure provided by the college and department are Good.
- ❖ The rules and regulations of the department were appreciated.
- ❖ Advanced curriculum and syllabus was appreciated and felt very proud in studying at this institution.
- ❖ They felt that the staffs of the department are having best expertise and experience and are handling classes in a very professional way.
- ❖ Library timings are not sufficient during their class hours.
- ❖ Wi-fi bandwidth is not available
- ❖ Plug points for charging laptops not adequate in classrooms.
- ❖ Lunch room with water is expected is every block.
- ❖ Importance is given for communication and soft skills classes.

### **Outcome of the faculty meeting**

- ❖ They felt very proud to serve for this institution
- ❖ The Unaided staff felt satisfied with the pay package
- ❖ EPF contribution was also appreciated for unaided staff
- ❖ Friendly and professional academic environment in this college and department are appreciated

### **Overall assessment**

- ❖ Uniform for students is a good practice in all days
- ❖ There are Frequent Regular visiting professionals and part time lawyer for the final year students
- ❖ Numbers of text books available in the College Library as well as in the Department library are sufficient.
- ❖ Paper Publication and participation in Orientation, Refresher Course, FDP, workshop, seminar and conference by the institution are highly motivated.
- ❖ Students develop their skills by practicing co-curricular activities after their class room activity. Some of them are typewriting, computer courses, tailoring course, beautician course, four wheeler driving classes, and music and learn to play music instruments



- ❖ Few students also learn in body building by going to gym and some of them doing CMA courses
- ❖ Placement activities and placement related training are good but placement in MNC are less







### **Suggestions**

- ❖ More of the text book volumes has to be purchased
- ❖ More indexed journals atleast Scopus indexed to be subscribed
- ❖ Incentives may be given to the SF faculty by the management for publishing papers and producing 100% results
- ❖ Students may be asked write job oriented online exams (elitmus, brain bench etc.,) for better placements
- ❖ Importance has to be given for communication and soft skills classes

### **Conclusion**

- ❖ Fundamental rules and regulations followed by the college management and department staff members are good
- ❖ Basic amenities and infrastructure in the college and the department is satisfactory
- ❖ Faculty members are well experienced, qualified and talented and need more motivation in the form of incentives for publications and training.

## Signature of the Academic Audit Panel Members

<p><b>Dr.S.Daniel David Annaraj</b>  <b>Chair Person</b>          Department of Commerce          St.John's College,Palayamkottai.</p>	 <b>HEAD</b> <b>DEPARTMENT OF COMMERCE</b> <b>ST. JOHN'S COLLEGE</b> <b>PALAYAMKOTTAI - 627 002</b>
<p><b>Subject Expert – 1</b>  <b>Dr. Mahil Kamalam</b>          Assistant Professor          Department of Commerce,          Women's Christian College,          Nagercoil,</p>	
<p><b>Subject Expert – 2</b>  <b>Dr. S. Prince Jebaraj,</b>          Assistant Professor,          Department of Commerce,          St. Xavier's College (Autonomous),          Palayamkottai, Tirunelveli - 627 002.</p>	 <b>Dr.S.Prince Jebaraj, M.Com,M.Phil,Ph.D</b> <b>Assistant Professor</b> <b>PG &amp; Research Department of Commerce</b> <b>St.Xavier's College (Autonomous)</b> <b>Palayamkottai - 627 002</b>
<p><b>Industrialist -1</b>  <b>Mr.Jegan</b>  <b>Director</b>  <b>Rehoboth Group of Companies</b>          Tirunelveli.          Ph: 9443269101          Email:jegan@rehobothasia.com</p>	 <b>REHOBOTH VEHICLES</b> <b>43-S, Trivandrum Road,</b> <b>Palayamkottai,</b> <b>Tirunelveli - 627 002.</b> <b>Cell: 86400 12345</b>
<p><b>Dr. S. John Kennady Vethanathan</b>          The Principal          St.John's College          Palayamkottai          Tirunelveli</p>	 <b>PRINCIPAL</b> <b>St. JOHN'S COLLEGE</b> <b>PALAYAMKOTTAI - 627 002</b>
<p><b>The IQAC Coordinator,</b>          St.John's College          Palayamkottai          Tirunelveli</p>	 <b>Dr A. Arulnagam</b> <b>IQAC COORDINATOR</b> <b>ST JOHN'S COLLEGE</b> <b>PALAYAMKOTTAI</b>





**St. John's College Palayamkottai  
Tirunelveli – 627 002**

[sjc1878@stjohnscollege.edu.in](mailto:sjc1878@stjohnscollege.edu.in), [www.stjohnscollege.edu.in](http://www.stjohnscollege.edu.in)



# **Annual Academic Audit Report**

---

**2017-18**

**Department of Mathematics**

**8<sup>th</sup> & 9<sup>th</sup> March 2018**

## Table of Contents

1. Introduction .....	2
2. Objectives of Academic Auditing: .....	2
3. Academic Audit Panel Members .....	2
4. Schedule of the Annual Academic Audit .....	3
5. Department Profile .....	4
5.1 About the Department.....	4
5.2 List of Pioneers.....	5
5.3 Best Practices of the Department:.....	5
5.4 Infrastructure in the Department .....	5
5.5 Department Library Facilities .....	6
5.6 Department Activities .....	6
6. Faculty Profile.....	7
6.1 List of the Faculty members in Aided stream.....	7
6.2 List of the Faculty members in Un - Aided stream .....	8
6.3 Research Publications.....	8
6.4 List of the Faculty members, based on API score.....	8
7. Students' Profile .....	9
7.1 Students' Statistics for the year 2017 – 2018.....	9
7.2 List of the student's representatives.....	9
7.3 List of Ongoing Scholars under Supervisor .....	10
7.4 Students' Achievements .....	10
7.5 Placement Details .....	11
8. Curriculum.....	11
8.1 UG Programme Structure .....	12
8.2 PG Programme Structure .....	13
8.3 M.Phil. Programme Structure.....	13
8.4 Course Evaluation Pattern.....	14
8.5 Result Analysis .....	14
9. Outcome.....	22
10. Overall assessment.....	23
11. Suggestions .....	23
12. Signature of the Academic Audit Panel Members .....	24

## 1. Introduction

The process of Academic Auditing intends to monitor and enhance the quality of education through proper guidelines for both teaching faculty and students, so as to ensure qualified students/researchers passing out from the department. It presents the objectives of academic auditing, the process of internal and external evaluation of courses, major/mini projects, seminars, overall discipline and academic functioning of the department, duties and responsibilities of faculty members, research and consultancy and class/course committees.

The Annual Academic Audit of the Department was conducted on 8<sup>th</sup> and 9<sup>th</sup> of March 2018.

## 2. Objectives of Academic Auditing:

- (i) To define effectiveness of teaching – learning process.
- (ii) To define quality of each component of the functionalities.
- (iii) To devise methodology, to ensure maximum output from faculty members as well as students.
- (iv) To ensure academic accountability and quality of technical education through proper guidelines for both teaching faculty and students/researchers.

## 3. Academic Audit Panel Members

The academic audit committee comprised of the following panel members:

### Chair Person

Dr. G.S. Grace Prema M.Sc., M.Phil., Ph.D. SET.,  
Associate Professor of Mathematics,  
St. John's College,  
Palayamkottai 627 002, Tamil Nadu.  
Mob.: +91 99441 07638, e-mail id: [sgrasutha@gmail.com](mailto:sgrasutha@gmail.com)

### Co-ordinator – 1

Dr. J. Vijaya Xavier Parthipan M.Sc. M.Phil. B.Ed. Ph.D.,  
Associate Professor of Mathematics,  
St. John's College,  
Palayamkottai 627 002, Tamil Nadu.  
Mob.: +91 94432 90849, e-mail id: [parthi68@rediffmail.com](mailto:parthi68@rediffmail.com)

## Co-ordinator – 2

Mr. Jeshua Rajan M.Sc. M.Phil. SET.,  
Assistant Professor of Mathematics,  
St. John's College,  
Palayamkottai 627 002, Tamil Nadu.  
Mob.: +91 90254 11383, e-mail id: [jeshuarajan@gmail.com](mailto:jeshuarajan@gmail.com)

## Subject Expert – 1

Dr. C. Caroline Selvaraj M.Sc. M.Phil. B.Ed. PGDCA, Ph.D.,  
Assistant Professor of Mathematics,  
St. Xavier's College (Autonomous),  
Palayamkottai – 627 002, Tamil Nadu.  
Mob.: +91 94865 84758, e-mail id: [selvarajcaroline@gmail.com](mailto:selvarajcaroline@gmail.com)

## Subject Expert – 2

Dr. J. Golden Ebenezer Jebamani, M. Sc., M.Phil., M.Ed., M.C.A., M.Phil., PGDCA., Ph.D.  
Assistant Professor of Mathematics,  
Sarah Tucker College (Autonomous),  
Tirunelveli – 627 007, Tamil Nadu.  
Mob.: +91 94867 91719, e-mail id: [goldensambeth@gmail.com](mailto:goldensambeth@gmail.com)

## 4. Schedule of the Annual Academic Audit

DAY 1 (8 <sup>th</sup> March 2018 - Thursday)	
Timing	Activity
10:00 AM – 10:30 AM	Meeting of the Panel with the Principal and IQAC coordinator in Principal's Office along with Head of the department of Mathematics.
10:30 AM – 11:15 AM	Overall presentation (PPT) about the department
11:15 AM – 11:30 AM	Tea Break
11:30 AM – 11:50 AM	Meeting the UG students in aided stream
11:50 AM – 12:10 PM	Meeting the PG students in aided stream
12:10 PM – 12:30 PM	Meeting the student representatives of UG and PG classes in aided stream
12:30 PM – 01:00 PM	Meeting the M.Phil. and Ph.D. research scholars
01:00 PM – 02:00 PM	Lunch Break
02:20 PM – 02:40 PM	Meeting the UG students in Un-aided stream
02:40 PM – 03:10 PM	Meeting the PG students in Un-aided stream

03:10 PM – 03:30 PM	Tea Break
03:30 PM – 04:00PM	Meeting the student representatives of both UG and PG classes in un-aided stream
<b>DAY 2 (9<sup>th</sup> March 2018 - Friday)</b>	
<b>Timing</b>	<b>Activity</b>
10:00 AM – 10:30 AM	Entry Meeting of the Panel in the Department
11:00 AM – 11:30 AM	Visiting the Infrastructure
11:30 AM – 12:30 PM	Verifying the Audit Report and the Support Evidences
12:30 PM – 01:30 PM	Lunch Break
01:30 PM – 02:30 PM	Verifying the Audit Report and the Support Evidences
02:30 PM – 04:00 PM	Preparation of the Annual Audit Report
04:00 PM – 04:30 PM	Exit Meeting with the Principal and IQAC coordinator in Principal's Office

## 5. Department Profile

### 5.1 About the Department

The Department of Mathematics of St. John's College is as old as the college itself and it has the unique honour of having had scholars like Dr. R.P. Burn from England, Dr. S. Arumugam. From humble beginning, the department keeps growing, catering to the academic and intellectual needs of many. At first Mathematics was offered as an optional paper for intermediate courses. In 1945, taking into account the growing demand of the students to study Mathematics, as a major subject, UG in Mathematics was introduced. The Department of Mathematics was able to produce number of University rank holders each year in the Madras University and then in the Madurai Kamaraj University in early days.

Post-Graduation course (M.Sc.) in Mathematics was introduced in 1967, when the renowned thinker, Dr. R.P. Burn was heading the Department. St. John's was the third college in the Madurai University and was the first college in the southern districts to offer M.Sc., degree in Mathematics.

In 1971, Dr. R.P. Burn left India and the famous Mathematician, Dr. S. Arumugam became the head of the Post Graduate. He served the Department of Mathematics for a long period. After 21 years as a head, he left St. John's College and joined Manonmaniam Sundaranar University, Tirunelveli as head the Department of Mathematics.

In 2008, M.Phil. Mathematics was introduced and in 2017, both UG and PG Mathematics courses were started under self-financing schemes.

In 2017, the department started the full time Ph.D programme. At present, Dr. Jeyakumar, Dr. G.S. Grace Prema, Dr. A. Alwyn Asir, Dr. J. Vijaya Xavier Parthipan and Dr. J. Subhashini are the approved research guides under Manonmaniam Sundaranar University. There are

four scholars doing their research activities. The department having well-equipped research room, computer with net connectivity, Wi-Fi connectivity and INFLIBNET connectivity to equip the scholars in research activities.

The Department have a set of 14 qualified and dedicated faculty members under regular and self-financing schemes.

## 5.2 List of Pioneers

S.No.	Name of the Pioneer	Period
1	Prof. B.D. CHELLARAJ	1968
2	Prof. M. VAIDYALINGAM	1969
3	Dr. R.P. BURN	1971
4	Prof. E. FRANKLIN JOHN	1963 – 1994
5	Prof. P. CHELLADURAI	1963 – 1998
6	Dr. S. ARUMUGAM	1965 – 1992
7	Prof. D. DANIEL SATHYARAJ	1967 – 1981
8	Prof. (Miss) SAROJINI HENRY	1970 – 1984
9	Dr. S. SURYANARAYANAN	1970 – 1999
10	Prof. D.J. JEYARAJ	1970 – 1984
11	Prof. V.M. SUNDARAM	1971 – 1983
12	Mr. D. PAUL DEVADOSS	1971 – 2000
13	Mr. A. THANGAPANDI ISAAC	1970 – 2003
14	Mr. A. SHELTON ALBERT	1977 – 2014
15	Dr. (Mrs) J. SURESH SUSEELA	1981 – 2017
16	Mr. K. STALIN ALEXIS	1987 – 2017

## 5.3 Best Practices of the Department:

To maintain the quality of department we adopt the following practices:

1. For The Student By The Student.
2. Constructing The Character.

## 5.4 Infrastructure in the Department

S. No.	Items	Verification (Yes/No)	Comments
1	No. of Class rooms	Yes	Six
2	No. of Laboratories	Yes	One

3	Computers for teachers	Yes	Available
4	Computers for students & scholars	Yes	Available
5	Internet access and related software	Yes	Available
6	Uninterrupted Power Supply	Yes	Available
7	Water Supply	Yes	Available

### 5.5 Department Library Facilities

Area in sq. Ft.	Total No. of Books Available	Total No. of Journals Available	Total No. of Computer Systems with Internet Facilities
594	3589	9	2

### 5.6 Department Activities

The department takes initiatives for overall development of the students in their academic and employability career by conducting various seminars, workshop in national level.

- On 18.8.2017 Fresher's Day party was conducted by the senior students of our department to welcome the I -M.Sc and I -B.Sc students.
- A seminar on "**Successful Life**" was conducted on 8.09.2017.
- A seminar on "**Career guidance and research methodologies**" was conducted by our department on 18.12.2017.
- "**A Seminar on Research Methodology**" for II M.Sc, M.Phil and Ph.D Scholars was held on 23.01.18.
- "**Mathfest-2018**" was conducted on 7.2.2018.

## 6. Faculty Profile

Faculty Strength	Total Staff – 14 Men – 06 Women – 08
Qualification	Ph.D. – 06 SET – 04 M.Phil. – 14

### 6.1 List of the Faculty members in Aided stream

S. No.	Name of the Staff	Qualification	Designation and Responsibilities	Date of Joining	Area of Specialisation
1	Dr. G. Jeya Kumar	M.Sc., M.Phil., Ph.D.	Associate Professor & Head	03/03/1984	Graph theory
2	Dr. G.S. Grace Prema	M.Sc., M.Phil., Ph.D. SET	Associate Professor, YRC Coordinator	13/12/1995	Graph theory
3	Dr. A. Alwyn Asir	M.Sc., B.Ed., M.Phil., Ph.D.	Associate Professor, Programme Coordinator	09/02/1998	Graph theory
4	Dr. J. Vijaya Xavier Parthipan	M.Sc, B.Ed, M.Phil, Ph.D.	Associate Professor, AAA Coordinator	21/06/1999	Graph theory
5	Mrs. S. Vijila Velvet Daisy	M.Sc., M.Phil., B.Ed., PGDCA.	Associate Professor, Result Analysis In-charge	15/03/2000	Topological Groups
6	Mrs. W. Rajammal Ranjitha Mary	M.Sc., M.Phil.,	Associate Professor, NSS coordinator	21/03/2001	Algebra
7	Mr. V. Selvan	M.Sc., M.Phil.,	Assistant Professor, Library In-charge	29/05/2009	Graph theory
8	Dr. J. Subhashini	M.Sc., M.Ed., M.Phil., Ph.D.	Assistant Professor, Documentation in charge	17/10/2016	Fuzzy Topological Space, Soft Topological Space
9	Dr. S. Shyamala malini	M.Sc., M.Phil., Ph.D.	Assistant Professor, Examination In-charge	04/10/2017	Mathematical Analysis
10	Miss. C. Henrietta Johnsy	M.Sc., M.Phil., SET	Assistant Professor, Examination In-charge	04/10/2017	Graph theory



## 6.2 List of the Faculty members in Un - Aided stream

S. No.	Name of the Staff	Qualification	Designation and Responsibilities	Date of Joining	Area of Specialisation
1	Mrs. T Santhakumari	M.Sc., B.Ed., M.Phil.	Assistant Professor & Head	26/09/2012	Lattice Theory
2	Mr. C Prabu Daniel Pakkianathan	M.Sc., M.Phil.	Assistant Professor, Documentation In-charge	25/01/2010	Differential Equations
3	Mr. Jeshua Rajan	M.Sc., M.Phil., SET.	Assistant Professor, Examination In-charge	17/07/2017	Mathematical modelling
4	Mrs. P Gino Metilda	M.Sc., B.Ed., M.Phil., SET.	Assistant Professor, Library In-charge	07/12/2017	Fuzzy Topological spaces

## 6.3 Research Publications

1. A.Rizwana, G.Jeyakumar, S.Somasundaram, "Non-Neighbor Topological Indices for Hydrocarbons", International Journal of Scientific Engineering and Sciences (IJSES), Volume 1, Issue 7, pp. 16-19, 2017. ISSN (Online):2456-7361.

## 6.4 List of the Faculty members, based on API score

S. No.	Name of the Faculty	Designation	API Score
1	Dr. G. Jeya Kumar	Associate Professor & Head	492
2	Dr.(Mrs.) G.S. Grace Prema	Associate Professor	415.5
3	Dr. A. Alwyn Asir	Associate Professor	297.5
4	Dr. J. Vijaya Xavier Parthipan	Associate Professor	395
5	Mrs. S. Vijila Velvet Daisy	Associate Professor	254
6	Mrs. W. Rajammal Ranjitha Mary	Associate Professor	278.5
7	Mr. V. Selvan	Assistant Professor	129
8	Dr.(Mrs.) J. Subhashini	Assistant Professor	381.1
9	Dr. S. Shyamala malini	Assistant Professor	226
10	Miss. C. Henrietta Johnsy	Assistant Professor	160.6
11	Mrs. T Santhakumari	Assistant Professor & Head (SF)	310.5

12	Mr. C Prabu Daniel Pakkianathan	Assistant Professor	199.9
13	Mr. Jeshua Rajan	Assistant Professor	102.5
14	Mrs. P Gino Metilda	Assistant Professor	102.2

## 7. Students' Profile

### 7.1 Students' Statistics for the year 2017 – 2018

The students are admitted on each course based on the Government schemes of reservation. The community-wise students' statistics are given below:

Course	SC	ST	OBC	OC	Minority	Total
I B.Sc.	3	0	14	7	24	48
II B.Sc.	3	0	17	3	25	48
III B.Sc.	3	0	11	3	31	48
I M.Sc.	5	0	8	3	13	29
II M.Sc.	1	0	11	2	13	27
I B.Sc. (SF)	6	0	26	5	11	48
I M.Sc. (SF)	1	0	4	2	3	10
M.Phil.	2	0	5	3	5	15

### 7.2 List of the student's representatives

Course	Name of student's representative
I B.Sc.	Blessy Victoria E
II B.Sc.	Hathlin T
III B.Sc.	Ponpappa S
I M.Sc.	Johny Emilin V
II M.Sc.	Rachel Pushpa Rexcy M
I B.Sc. (SF)	Aruneshvaran T
I M.Sc. (SF)	Moses Duvisten G

### 7.3 List of Ongoing Scholars under Supervisor

S. No.	Name of the Scholar with Register Number	Name of the Supervisor	Full Time / Part Time	Date of Commencement
1	Princess Rathinabai G. (17211272092002)	Dr. G. Jeya Kumar	Full Time	10-08-2017
2	Arockia Amala M. (18211272092007)	Dr. G. Jeya Kumar	Full Time	10-01-2018
3	Jeshua Rajan (18121272091030)	Dr. G. Jeya Kumar	Part Time	10-01-2018
4	Gnanamalar Sweetly.K (18111272092022)	Dr. J. Subhashini	Full Time	10-01-2018

### 7.4 Students' Achievements

#### Awards for Studies

S.No	Name	Rank in MS University	Year	Course
1	Gino Metilda P.	Sixth	2008-2010	M.Sc
2	C. Henrietta Johnsy	Gold medal	2010-2011	M.Phil
3	Rosenee	Gold medal	2010-2011	M.Phil
4	Gino Metilda P.	Gold medal	2011-2012	M.Phil
5	Melba	Sixth	2012-2013	B.Sc
6	Yamuna	20 <sup>th</sup>	2013-2014	B.Sc
7	Jegatheswari	Second	2014-2015	B.Sc
8	Balasri	Fifth	2014-2015	M.Sc
9	S. Alagu	Gold medal	2012-2014	M.Sc
10	S. Alagu	Gold medal	2014-2015	M.Phil

#### Students qualifying in state/national/international level examinations

S.No.	Name of the student	Competitive exam passed
1	Simirna Hepzi	SBI BANK
2	Baskar	Police Department
3	Rani Novalina Julius J	SET (2016)

4	Henrietta Johnsy C	SET (2016)
5	Jeshua Rajan (II M.Sc. 2016)	SET (2016)
6	Veeramanikandan	Army (2016)
7	Melba	TET (2016)
8	Hepzibah Anita R (M.Phil. 2015)	SET (2017)
9	Gino Metilda P (M.Phil. 2012)	SET (2017)
10	Rose Math	SET (2017)
11	Leenu	SET (2017)
12	Jency	Bank (TMB)
13	Parthasaradhy (II MSc –2011)	TNPSC – Placed in Madurai Govt. Polytechnique college.
14	A Jessie Gnamamary	TET (2017)
15	Christina Constance (M.Phil – 2015)	SET (2018)
16	Reena Shirley D	SET (2018)
17	Melba	TET (2016)
18	A Jessie Gnamamary	TET (2017)
19	M Karthika	Railway exam (2018)

## 7.5 Placement Details

Programme Name	Batch	Number of students passed in final year examination	Number of students enrolled into higher education	Number of students placed in jobs
B.Sc.	2014 – 2017	38	08	05
M.Sc.	2015 – 2017	19	00	00
M.Phil.	2016 – 2017	16	00	00

## 8. Curriculum

Mathematics is one of the fundamental disciplines in science. It is the basic for all the disciplines. The Curriculum aims at providing basic tools and exposure to students who intend to pursue Master Degree in Mathematics at the international level. It is being revised

periodically and followed the course structure that was prescribed by Manonmaniam Sundaranar University.

The Programme Structure of the B.Sc., M.Sc., and M.Phil., Mathematics are mentioned below.

### 8.1 UG Programme Structure

Semester	Course code	Course Name	IM	EM	TM	H	C
I	SMMA11	Calculus	25	75	100	5	4
	SMMA12	Classical Algebra	25	75	100	5	4
	SAST11	Statistics I	25	75	100	6	3
	SEVS11	Environmental Studies	25	75	100	2	2
II	SMMA21	Analytical Geometry of Three Dimensions	25	75	100	5	4
	SMMA22	Differential Equations	25	75	100	5	4
	SAST21	Statistics II	25	75	100	6	3
	SVBE21	Valued Based Education	25	75	100	2	2
III	JMMA31	Real Analysis I	25	75	100	6	5
	JAPH11	Allied Physics -II	25	75	100	6	5
	JSMA3A	Vector Calculus	25	75	100	4	4
	JNMA3A	Non-Major Elective I	25	75	100	2	2
IV	JMMA41	Abstract Algebra	25	75	100	6	5
	JAPH21	Allied Physics -II	25	75	100	6	5
	JSMA4A	Trigonometry, Laplace Transforms and Fourier Series	25	75	100	4	4
	JNMA4A	Non-Major Elective II	25	75	100	2	2
V	GMMA51	Linear Algebra	25	75	100	6	5
	GMMA52	Real Analysis	25	75	100	6	5
	GMMA5B	Combinatorial Mathematics	25	75	100	6	5
	GMMA5E	Coding Theory	25	75	100	6	5
	GCSB5A	Personality Development	25	75	100	2	2
VI	GMMA61	Complex Analysis	25	75	100	6	5
	GMMA62	Linear Programming	25	75	100	6	5
	GMMA63	Mechanics	25	75	100	6	5
	GMMA64	Graph Theory	25	75	100	6	5
	GMMA6A	Number Theory	25	75	100	6	5

IM – Internal Marks, EM – External Marks, TM – Total Marks, H – Hours/week, C – Credits.

## 8.2 PG Programme Structure

Semester	Course code	Course Name	IM	EM	TM	H	C
I	PMAM11	Algebra I	25	75	100	6	4
	PMAM12	Analysis I	25	75	100	6	4
	PMAM13	Analytic Number Theory	25	75	100	6	4
	PMAM14	Ordinary Differential Equation	25	75	100	6	4
	PMAM15	Numerical Analysis	25	75	100	6	4
II	PMAM21	Algebra II	25	75	100	5	4
	PMAM22	Analysis II	25	75	100	5	4
	PMAM23	Classical Mechanics	25	75	100	5	4
	PMAM24	Differential Geometry	25	75	100	5	4
	PMAE23	Partial Differential Equations	25	75	100	5	3
	PMAM25	Graph Theory	25	75	100	5	4
III	KMAM31	Measure and Integration	25	75	100	8	6
	KMAM32	Topology	25	75	100	8	6
	KMAM33	Research Methodology	25	75	100	7	5
	KMAE31	Partial Differential Equations	25	75	100	7	5
IV	KMAM41	Functional Analysis	25	75	100	8	6
	KMAM42	Complex Analysis	25	75	100	8	6
	KMAM43	Differential Geometry	25	75	100	8	6
	KMAP41	Project	50	50	100	6	4

IM – Internal Marks, EM – External Marks, TM – Total Marks, H – Hours/week, C – Credits.

## 8.3 M.Phil. Programme Structure

Semester	Course code	Course Name	IM	EM	TM	H	C
I	PMAC11	Research and Teaching Methodology	25	75	100	4	4
	PMAC12	Advanced Analysis	25	75	100	4	4
	PMAC12	Banach Algebra and Spectral Theory	25	75	100	4	4
II	PMAC2D	Project and Viva Voce	50	50	100		12

IM – Internal Marks, EM – External Marks, TM – Total Marks, H – Hours/week, C – Credits.

## 8.4 Course Evaluation Pattern

This program is under Choice Based Credit System of the University. Each paper is evaluated for 100 marks with Internal 25 marks and External 75 marks. The duration of the examination is 1 hour for internal assessment test and 3 hours for external examination.

The pattern for internal assessment and the external examination are as follows:

### For UG courses

Internal Evaluation Pattern		External Evaluation Pattern	
Average of Best of two from three internal assessment test	= 20	Section A (10x1=10)	= 10
		Section B (5x5=25)	= 25
Assignments/Seminars	= 05	Section C (5x8=40)	= 40
Total Marks	= 25	Total	= 75

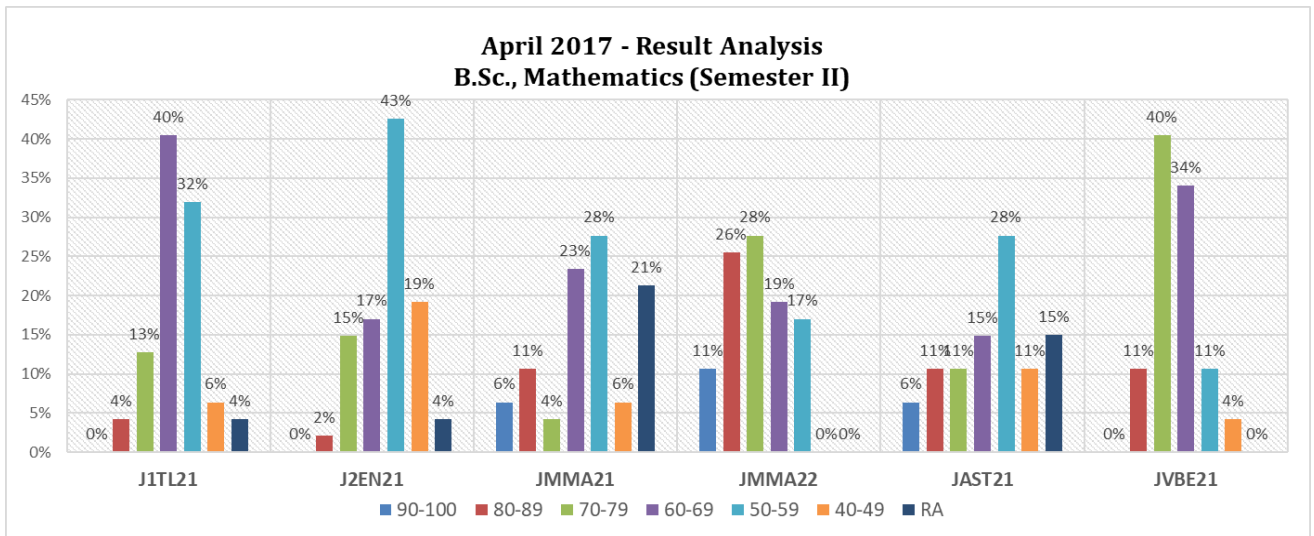
### For PG and M.Phil. Courses

Internal Evaluation Pattern		External Evaluation Pattern		Project Evaluation Pattern	
Average of Best of two from three internal assessment test	= 15	Section A (10x1=10)	= 10	Continuous Internal Assessment Marks	50
Assignments	= 05	Section B (5x5=25)	= 25	End Semester Examination Marks	50
Seminars	= 05	Section C (5x8=40)	= 40		
Total Marks	= 25	Total	= 75	Total Marks	100

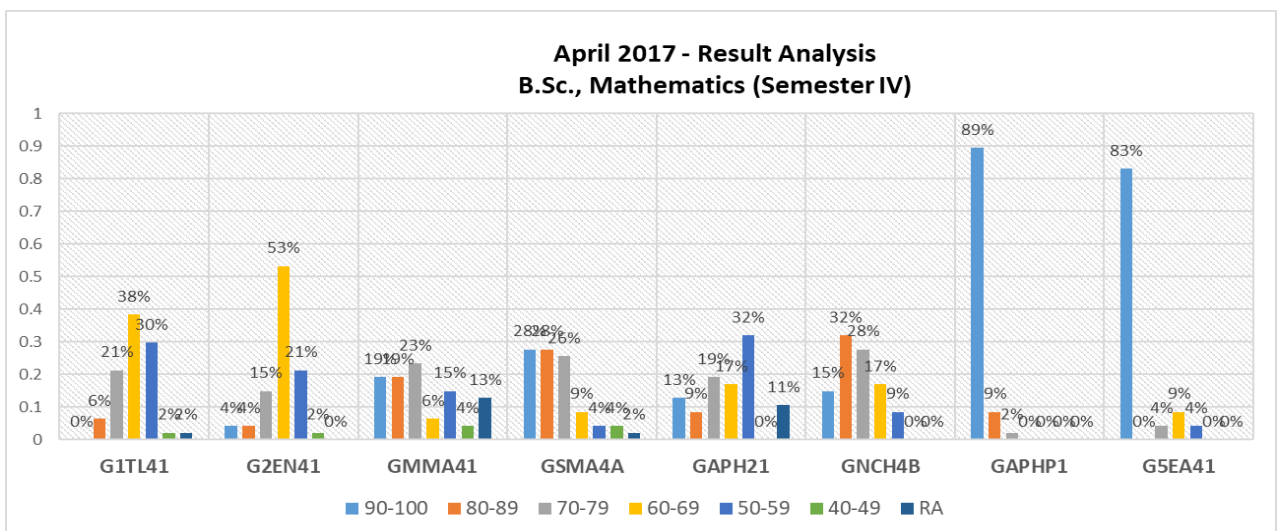
## 8.5 Result Analysis

External examinations are conducted by Manonmaniam Sundaranar University and the corresponding results are declared after evaluation. The subject-wise result analysis is made by course instructors which will be helpful to understand the quality of classroom teaching and observation about each course.

The analysis of the result for April 2017 and November 2017 University examinations are represented graphically:

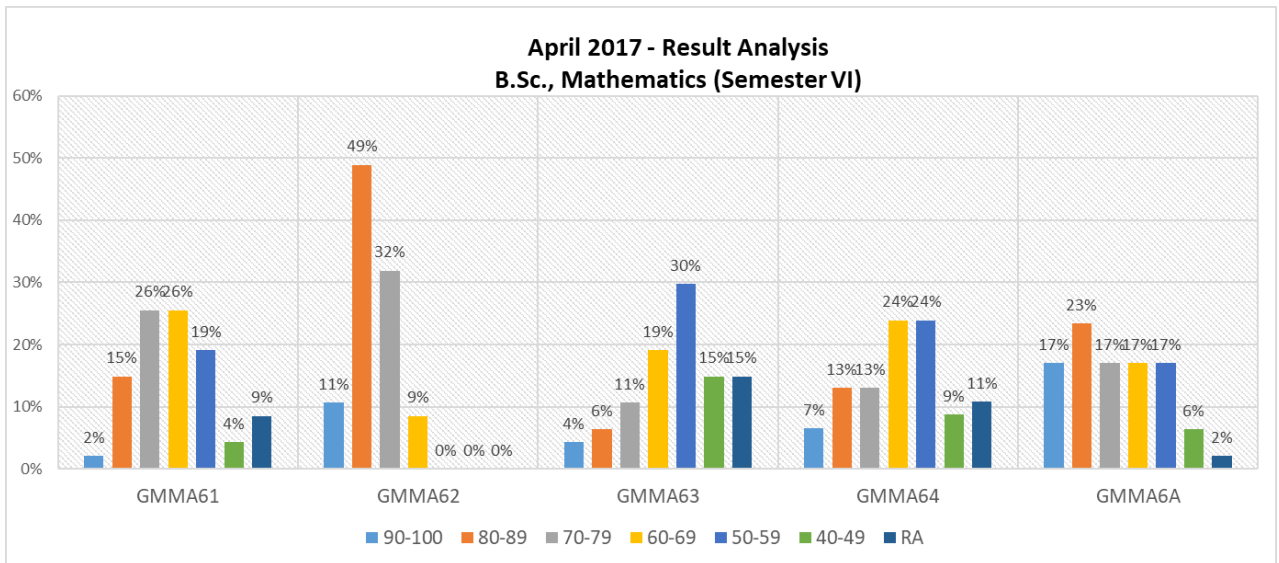


- In B.Sc. Mathematics (Semester II), the pass percentage mostly falls between the range 50 - 80 marks.
- On an average, 7.3% reappear the examinations and 14.67% of students gain 80% and above invariably in all subjects.

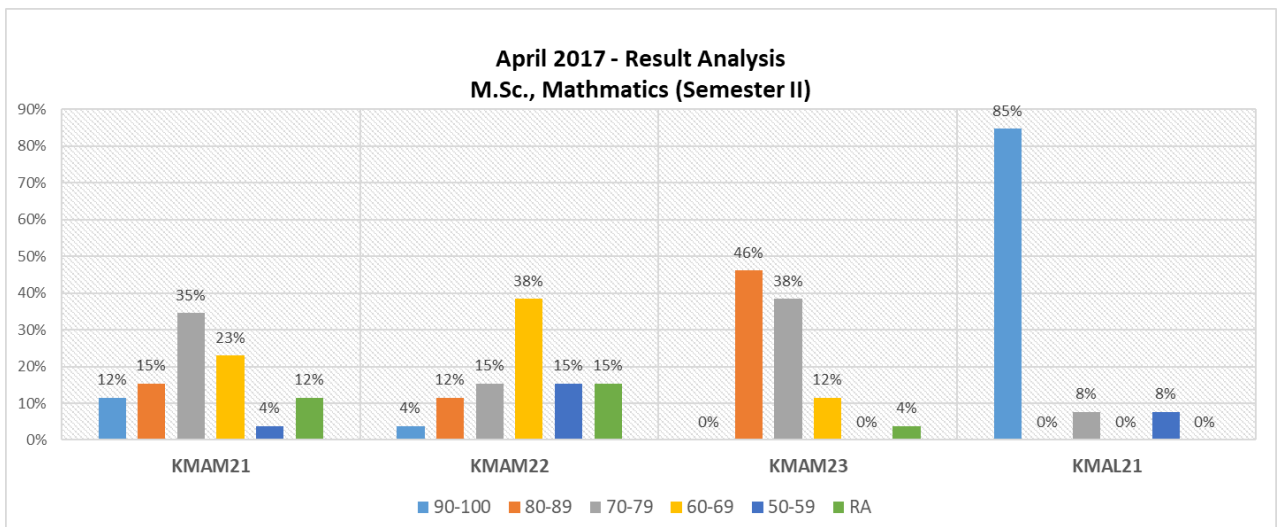


- In B.Sc. Mathematics (Semester IV), the pass percentage mostly falls between the range 70 – 100 marks.
- On an average, 8% reappear the examinations and 37.36% of students gain 80% and above invariably in all subjects.

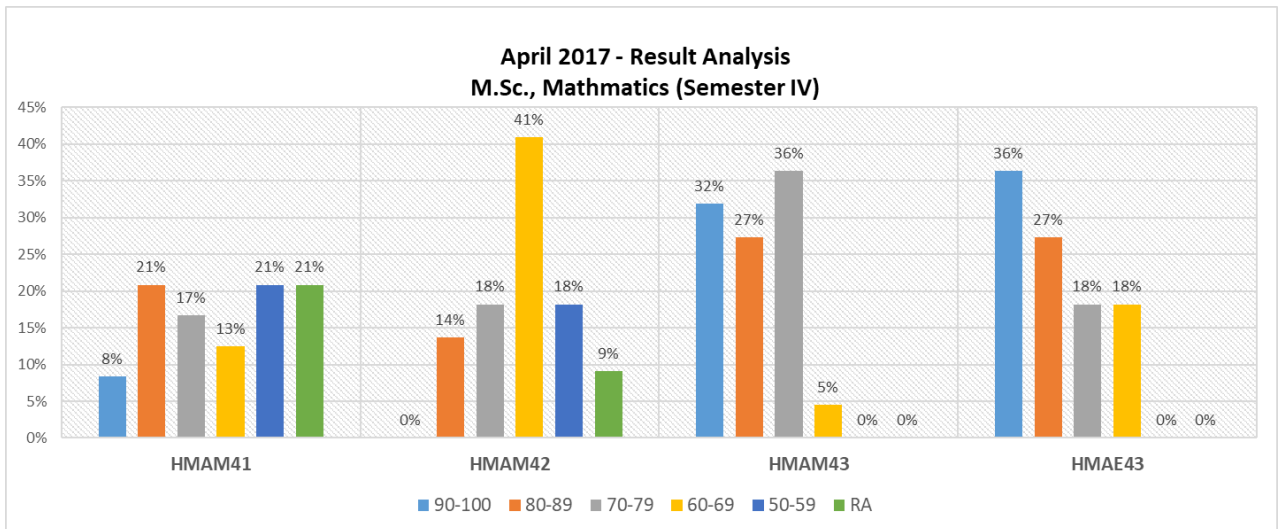




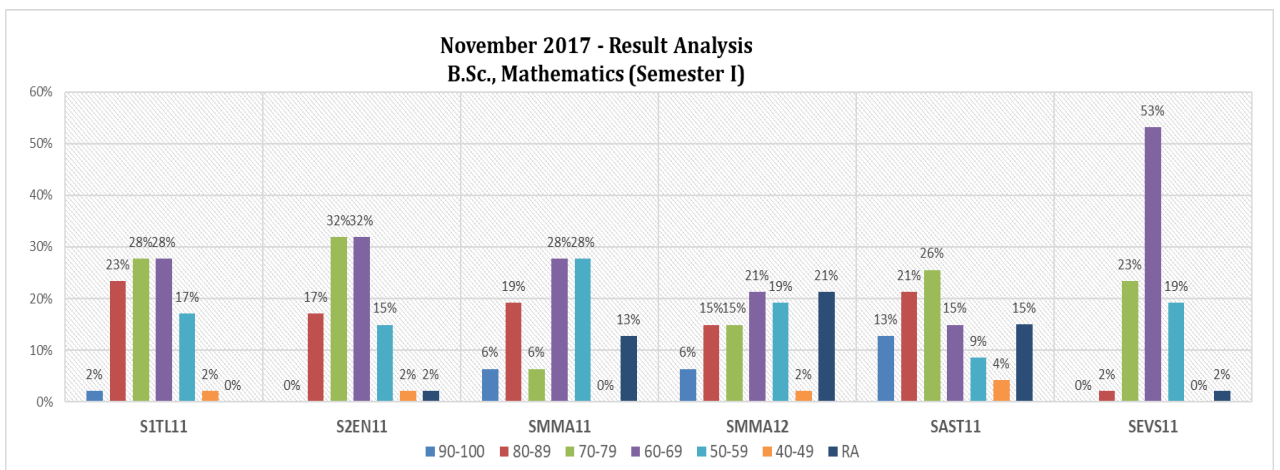
- In B.Sc. Mathematics (Semester VI), the pass percentage mostly falls between the range 70-90 marks.
- On an average, 7.4% reappear the examinations and 29.4% of students gain 80% and above invariably in all subjects.



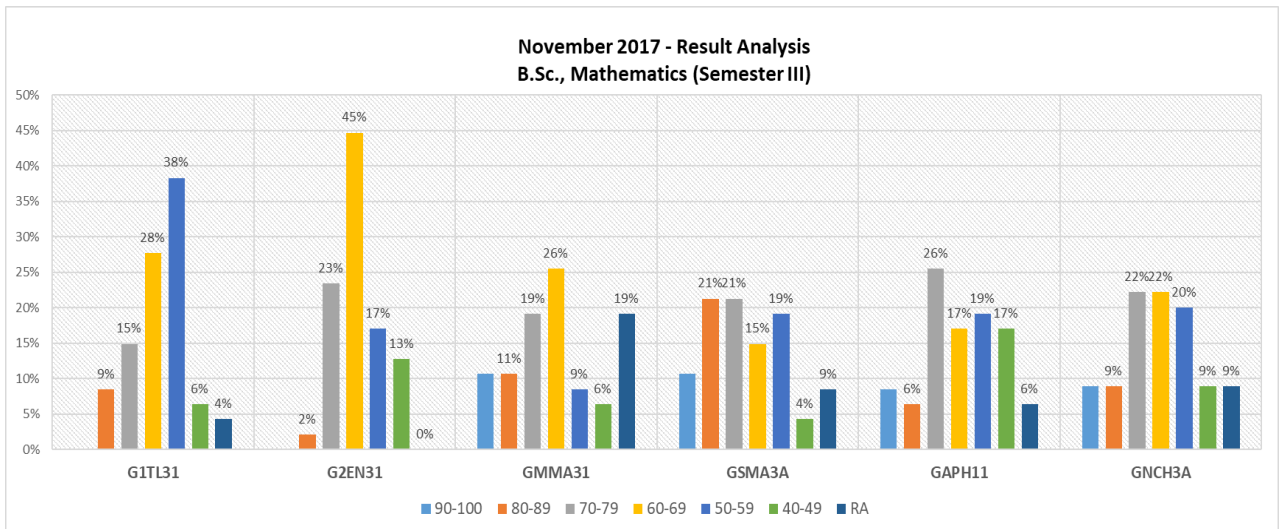
- In M.Sc. Mathematics (Semester II), except KMAL21 the pass percentage mostly falls between the range 60 – 90 marks.
- On an average, 7.75% reappear the examinations and 43.5% of students gain 80% and above invariably in all subjects.



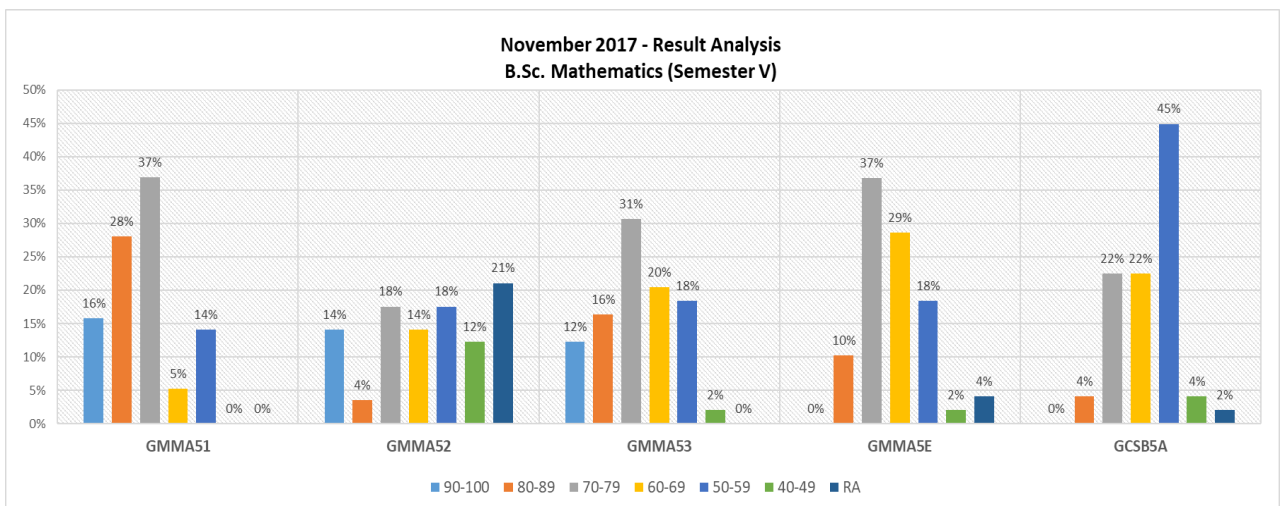
- In M.Sc. Mathematics (Semester IV), the pass percentage mostly falls between the range 60 – 90 marks.
- On an average, 7.5% reappear the examinations and 41.25% of students gain 80% and above invariably in all subjects.



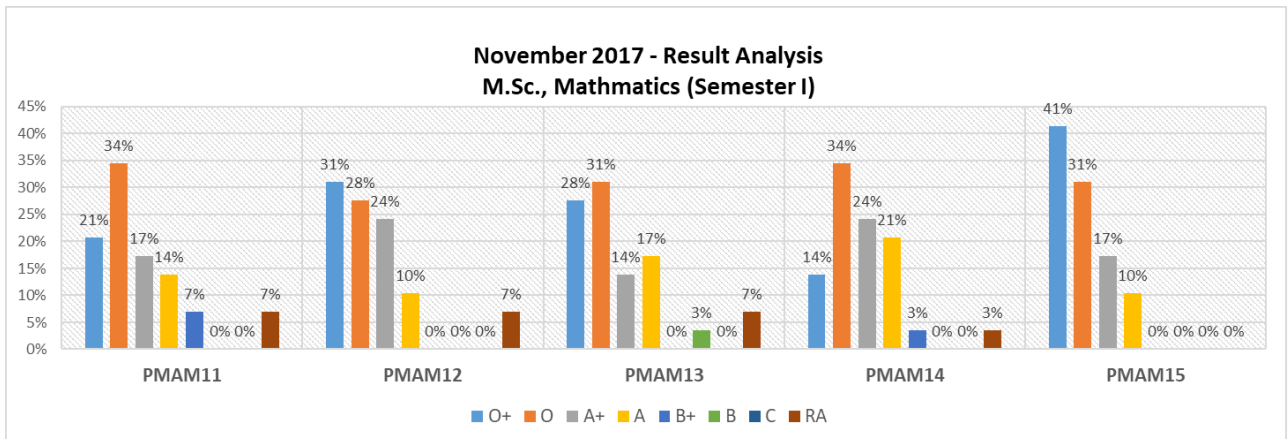
- In B.Sc. Mathematics (Semester I), the pass percentage mostly falls between the range 50 – 80 marks.
- On an average, 8.83% reappear the examinations and 20.67% of students gain 80% and above invariably in all subjects.



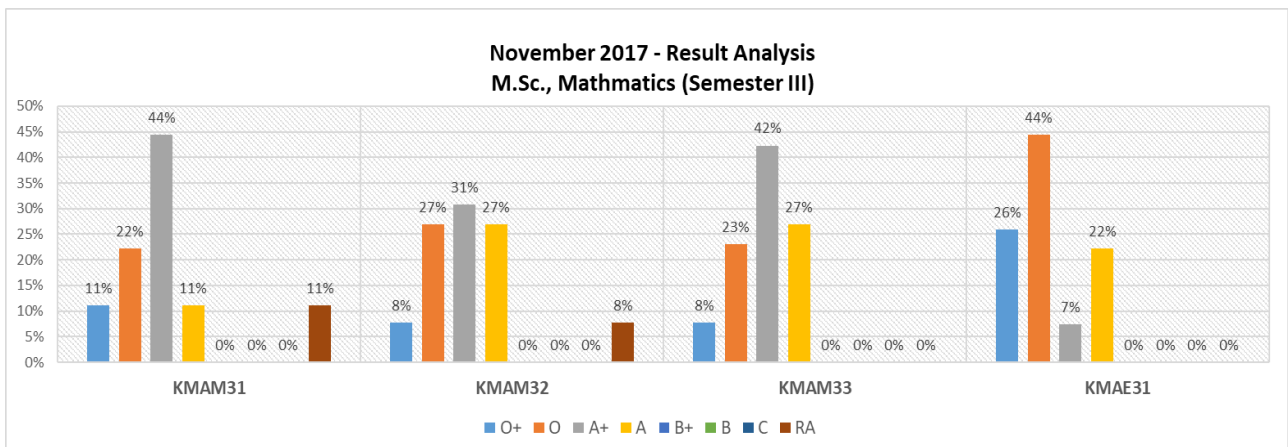
- In B.Sc. Mathematics (Semester III), the pass percentage mostly falls between the range 50 – 80 marks.
- On an average, 7.83% reappear the examinations and 22.5% of students gain 80% and above invariably in all subjects.



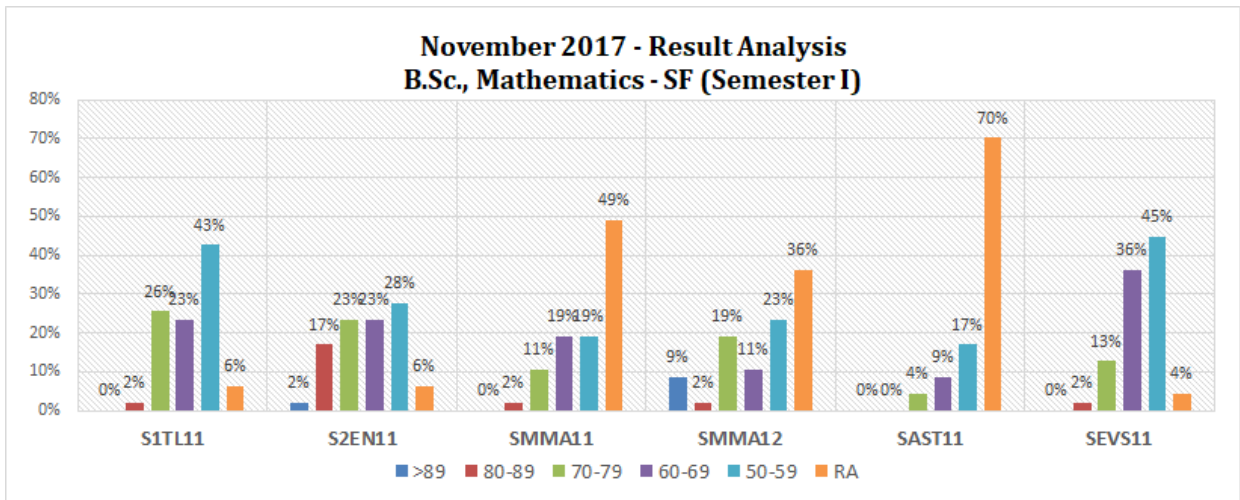
- In B.Sc. Mathematics (Semester V), the pass percentage mostly falls between the range 50 – 70 marks.
- On an average, 5.4% reappear the examinations and 20.8% of students gain 80% and above invariably in all subjects.



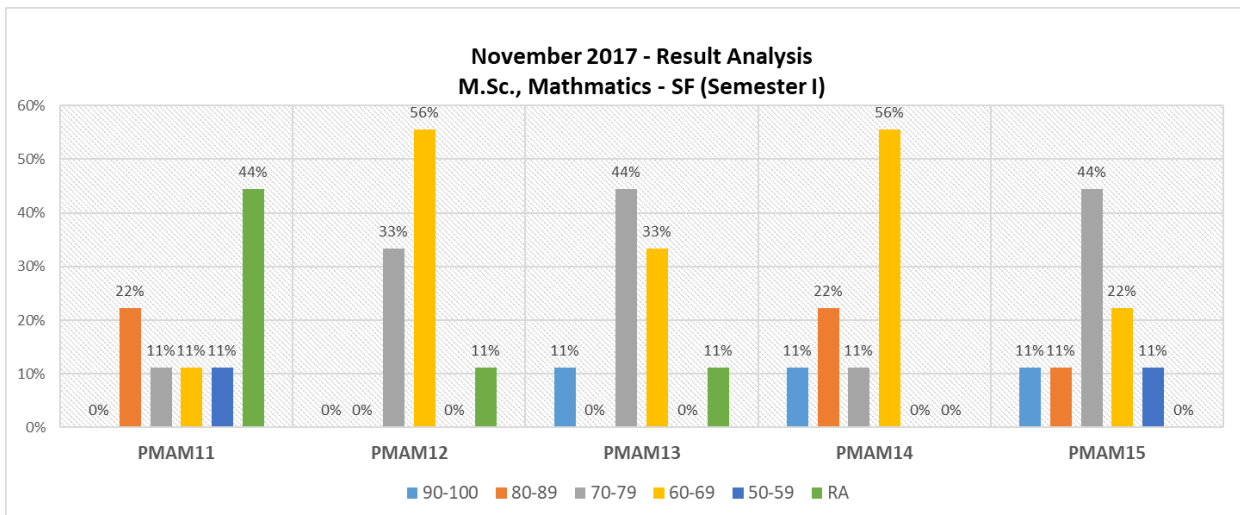
- In M.Sc. Mathematics (Semester I), the pass percentage mostly falls between the range O+ and A+; i.e., 70 – 100 marks.
- On an average, 4.8% reappear the examinations and 58.6% of students gain 80% and above invariably in all subjects.



- In M.Sc. Mathematics (Semester III), the pass percentage mostly falls between the range A and O; i.e., 60 – 90 marks.
- On an average, 4.75% reappear the examinations and 42.25% of students gain 80% and above invariably in all subjects.

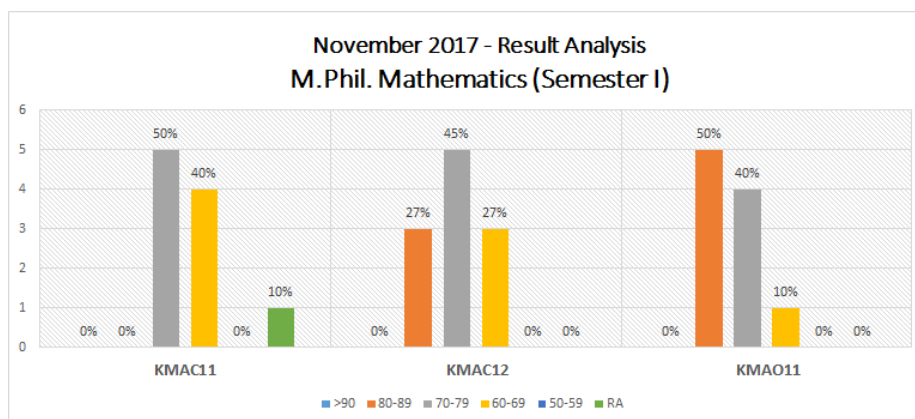


- In B.Sc. Mathematics SF (Semester I), the pass percentage mostly falls between the range 50 – 70 marks.
- On an average, 28.5% reappear the examinations and 6% of students gain 80% and above invariably in all subjects.



- In M.Sc. Mathematics SF (Semester I), the pass percentage mostly falls between the range 60 – 90 marks.
- On an average, 13.2% reappear the examinations and 17.6% of students gain 80% and above invariably in all subjects.



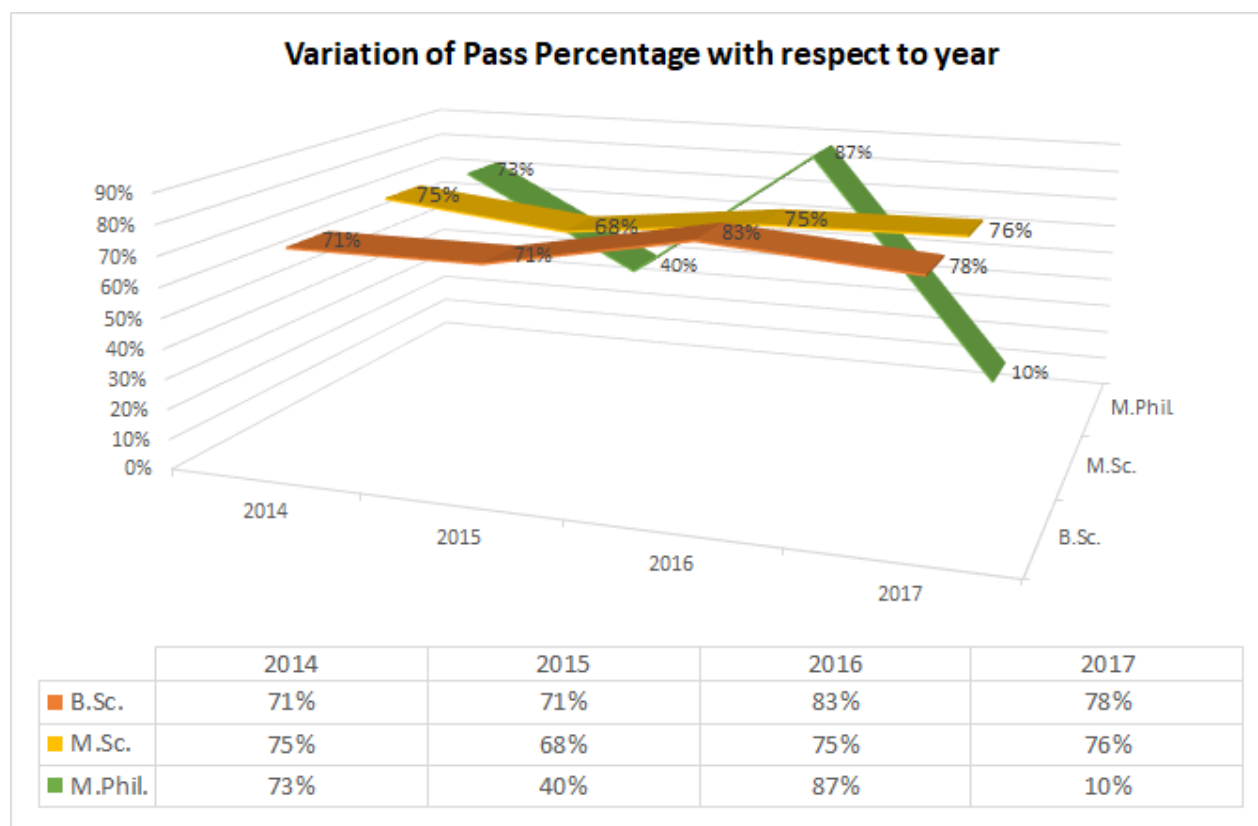


- In M.Phil. Mathematics (Semester II), the pass percentage mostly falls between the range 60 – 90 marks.
- On an average, 3.3% reappear the examinations and 25.67% of students gain 80% and above invariably in all subjects.

The details of outgoing students that are appeared as well as passed in the April 2017 University examinations, are given below:

Programme Name	Batch	Number of students appeared in the final year examination	Number of students passed in the final year examination	Pass Percentage
B.Sc.	2014 – 2017	49	38	77.55
M.Sc.	2015 – 2017	25	19	76.00
M.Phil.	2016 – 2017	16	16	100.00

The variation of pass percentage with respect to the year (from 2014 to 2017) in B.Sc., M.Sc., and M.Phil. Mathematics are shown below:



From the graph, we observe that the pass percentage of the final year outgoing B.Sc., students in 2017 is improved insignificantly compared to the past three years, where as that of M.Sc. students is slightly decreased but there is no change in variance. And the pass percentage of M.Phil. scholars are highly affected and it should rectify in future.

## 9. Outcome

### Outcome of the students meeting

- Students felt that the infrastructure provided by the college and department is GOOD.
- The rules and regulations of the department were appreciated.
- They felt that the Staff of the department are having best expertise, experience and are handling classes in very interactive way.
- Curriculum was well appreciated.
- Students from un-aided stream are not given access to Digital Library.
- Very minimal participation in extra-curricular activities for PG students.

- Students retiring room is not sufficient.
- Girls students expected more facilities in their retiring room.
- Syllabus is advanced but heavy; students can understand the course only with the help of the course instructors.

### **Outcome of the Faculty meeting**

- They felt very proud to serve for this institution.
- The staff in un-aided stream were satisfied with the pay package and EPF contribution was also appreciated.
- Friendly and professional academic environment created by HOD was well appreciated.

## **10. Overall assessment**

- The evaluation process followed by the department is good.
- Course academic plan and implementation are recorded properly.
- Practice of wearing uniform is appreciated.
- Curriculum creates good impact on the outcome of students.
- Library facility in the department is quite good.
- Number of Text books at library is not sufficient.
- Wi-fi bandwidth is too low.
- Web site of the college is frequently updated.
- Publications and participations in FDP, seminars, conferences and workshops by faculty members are minimal.

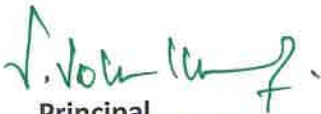
## **11. Suggestions**

- More number of text books volume has to be purchased
- Publications and participations in FDP, seminars, conferences and workshops by faculty members are to be increased.
- External funded research projects to be taken up by the faculty members.
- Students may be asked to write carrier oriented online exams (like NPTEL, etc.,) for better placements. Importance has to be given for communication and soft skills classes.
- Syllabus for Research domain and self-learning courses may be clearly defined and it included in more areas.
- Library facility is very good and there is a vast scope of development; but the students under unaided stream should be allowed to access the general library.
- Toilet facilities should be updated according to modern technologies.



## 12. Signature of the Academic Audit Panel Members

<p><b>Chair Person</b>          Dr. G.S. Grace Prema M.Sc., M.Phil., Ph.D. SET.,          Associate Professor of Mathematics,          St. John's College,          Palayamkottai 627 002, Tamil Nadu.          Mob.: +91 99441 07638,          e-mail id: <a href="mailto:sgrasutha@gmail.com">sgrasutha@gmail.com</a></p>	 <b>Dr. G.S. GRACE PREMA, M.Sc., M.Phil., Ph.D.</b> Associate Professor PG & Research Department of Mathematics St. John's College, Palayamkottai-627002
<p><b>Co-ordinator – 1</b>          Dr. J. Vijaya Xavier Parthipan M.Sc.M.Phil.B.Ed.Ph.D.,          Associate Professor of Mathematics,          St. John's College,          Palayamkottai 627 002, Tamil Nadu.          Mob.: +91 94432 90849,          e-mail id: <a href="mailto:parthi68@rediffmail.com">parthi68@rediffmail.com</a></p>	 <b>Dr. VIJAYA XAVIER PARTHIPAN M.Sc., M.Phil., Ph.D.</b> ASSOCIATE PROFESSOR OF MATHS ST. JOHN'S COLLEGE PALAYAMKOTTAI - 627 002
<p><b>Co-ordinator – 2</b>          Mr. Jeshua Rajan M.Sc. M.Phil. SET.,          Assistant Professor of Mathematics,          St. John's College,          Palayamkottai 627 002, Tamil Nadu.          Mob.: +91 90254 11383,          e-mail id: <a href="mailto:jeshuarajan@gmail.com">jeshuarajan@gmail.com</a></p>	 <b>JESHUA RAJAN</b> Assistant Professor of Mathematics, St. John's College, Palayamkottai - 627 002.
<p><b>Subject Expert – 1</b>          Mrs. C. Caroline Selvaraj M.Sc. M.Phil. B.Ed. PGDCA.,          Assistant Professor of Mathematics,          St. Xavier's College (Autonomous),          Palayamkottai – 627 002, Tamil Nadu.          Mob.: +91 94865 84758,          e-mail id: <a href="mailto:selvarajcaroline@gmail.com">selvarajcaroline@gmail.com</a></p>	 <b>C. CAROLINE SELVARAJ</b> Assistant Professor of Mathematics, St. Xavier's College (Autonomous), Palayamkottai - 627 002.
<p><b>Subject Expert – 2</b>          Dr. J. Golden Ebenezer Jebamani,          M. Sc., M.Phil., M.Ed., M.C.A., M.Phil., PGDCA., Ph.D.          Assistant Professor of Mathematics,          Sarah Tucker College (Autonomous),          Tirunelveli – 627 007, Tamil Nadu.          Mob.: +91 94867 91719,          e-mail id: <a href="mailto:goldensambeth@gmail.com">goldensambeth@gmail.com</a></p>	 <b>Dr. J. GOLDEN EBENEZER JEBAMANI</b> M.Sc., M.Phil., M.Ed., M.C.A., M.Phil., PGDCA., Ph.D., Head of the Department, Department of Mathematics, SARAH TUCKER COLLEGE (Autonomous), TIRUNELVELI - 627 007.

  
**Principal**  
**PRINCIPAL**  
**ST. JOHN'S COLLEGE**  
**PALAYAMKOTTAI - 627 002.**

  
**IQAC Co-ordinator**  
**Dr A. Arulgnanam**  
**IQAC COORDINATOR**  
**ST JOHN'S COLLEGE**  
**PALAYAMKOTTAI**



**ST. JOHN'S COLLEGE PALAYAMKOTTAI**  
**TIRUNELVELI – 627 002**

[sjc1878@stjohnscollege.edu.in](mailto:sjc1878@stjohnscollege.edu.in), [www.stjohnscollege.edu.in](http://www.stjohnscollege.edu.in)



# **Annual Academic Audit Report**

---

**2017-18**

**Department of Physics**

**5<sup>th</sup> & 6<sup>th</sup> March 2018**

## **Table of Contents**

1. Introduction.....	2
2. Objectives of Academic Auditing.....	2
3. Academic Audit Panel Members .....	2
4. Schedule of the Annual Academic Audit.....	3
5. Department Profile.....	4
About the Department .....	4
Best Practices of the Department: .....	5
Infrastructure in the Department .....	5
Department Library Facilities .....	6
Department Activities .....	6
6. Faculty Profile.....	12
List of the Faculty members in Aided stream .....	12
List of the Faculty members in Un –Aided stream .....	13
Research and Consultancy .....	13
List of the Faculty members and their API score.....	15
7. Students’ Profile.....	15
Student’s Statistics for the year 2017-2018 .....	15
List of the student representatives.....	16
List of Ongoing Scholars under Supervisor .....	16
Placement Details.....	17
8. Curriculum .....	18
UG Programme Structure.....	18
PG Programme Structure .....	19
M.Phil. Programme Structure .....	21
Course Evaluation Pattern.....	21
Result Analysis.....	22
9. Outcome.....	29
10. Overall assessment.....	30
11. Suggestions .....	30
12. Signature of the Academic Audit Panel Members.....	32

## **1. Introduction**

The process of Academic Auditing intends to monitor and enhance the quality of science education through proper guidelines for both teaching faculty and students, so as to ensure qualified students/researchers passing out from the department. This report presents the objectives of academic auditing, the process of internal and external evaluation of courses, major/mini projects, seminars, overall discipline and academic functioning of the department, duties and responsibilities of faculty members, research and consultancy and class/course committees.

The Annual Academic Audit of the Department was conducted on 5<sup>th</sup> and 6<sup>th</sup> March 2018.

## **2. Objectives of Academic Auditing:**

- (i) To define quality of each component of the functionalities.
- (ii) To define effectiveness of teaching – learning process.
- (iii) To devise methodology to confirm maximum output from faculty members as well as students.
- (iv) To ensure academic accountability and quality of technical education through proper guidelines for both teaching faculty, students and researchers.

## **3. Academic Audit Panel Members**

The Name, Designation and Address of Academic Audit Experts are given in detail:

### **Chair Person**

Dr. M. Daniel Sweetlin,  
Head, UG and Research Department of Physics,  
St. John's College, Palayamkottai,  
Tirunelveli- 627002,  
Tirunelveli district, Tamil Nadu.

### **Co-Ordinator**

Mrs. J. Ruby Jemima  
Head, PG Department of Physics,  
St. John's College, Palayamkottai,  
Tirunelveli- 627002,  
Tirunelveli district, Tamil Nadu.

### **Subject Expert -1**

Dr. N. Ammakutti @ Sridevi,  
Assistant Professor, Department of Physics,  
Annai Hajira Women's College,  
Melapalayam, Tirunelveli- 627 005.  
Tamilnadu.  
Mobile: 9894249806

### **Subject Expert - 2**

Dr. M. Nagarajan  
Associate Professor  
Department of Physics  
VOC College  
Thoothukudi- 628008  
nagarajanmutha@gmail.com  
Mobile: 9443114403

### **Industry Expert**

Mr. N. Subramanian  
Proprietor  
Supriya Motor Industries  
7C, Sivalaperi Road  
Palayamkottai  
Tirunelveli- 627 002  
Tamil Nadu  
Mobile: 8850775803

## **4. Schedule of the Annual Academic Audit**

<b>DAY 1 (5<sup>th</sup> March 2018)</b>	
<b>Timing</b>	<b>Activity</b>
10:00 AM – 10:30 AM	Meeting of the Panel with the Principal and IQAC coordinator in Principal's Office along with the Head of Physics.
10:30 AM – 11:15 AM	Presentation of overall department activities in the Department along with IQAC coordinator and the Panel
11:15 AM – 11:30 AM	Tea Break
11:30 AM – 11:50 AM	Meeting the UG students in aided stream
11:50 AM – 12:10 PM	Meeting the PG students in un-aided stream
12:10 PM – 12:30 PM	Meeting the student representatives of UG in aided stream

12:30 PM – 01:00 PM	Meeting the M.Phil. and Ph.D. research scholars
01:00 PM – 02:00 PM	Lunch Break
02:20 PM – 02:40 PM	Meeting the UG students in aided stream
02:40 PM – 03:10 PM	Meeting the PG students in un-aided stream
03:10 PM – 03:30 PM	Tea Break
03:30 PM – 04:00PM	Meeting the student representatives of PG classes in un-aided stream
<b>DAY 2 (6<sup>th</sup> March 2018)</b>	
<b>Timing</b>	<b>Activity</b>
10:00 AM – 10:30 AM	Entry Meeting of the Panel in the Department
11:00 AM – 11:30 AM	Inspecting the Infrastructure
11:30 AM – 12:30 PM	Verifying the Audit Report and the Support Evidences
12:30 PM – 01:30 PM	Lunch Break
01:30 PM – 02:30 PM	Verifying the Audit Report and the Support Evidences
02:30 PM – 04:00 PM	Preparation of the Annual Audit Report
04:00 PM – 04:30 PM	Exit Meeting with the Principal and IQAC coordinator in Principal's Office

## 5. Department Profile

### About the Department

The first batch of students for B.Sc. Degree course with Physics as the major subject was admitted in June 1957. At that time, St. John's College was affiliated to the Madras University, Chennai. The Physics department was considered as one of the best departments in Tamilnadu. The Department started growing under the capable headship of Prof. M. Arunachalam who also served as the Chairman of Board of Studies and Board of Examinations of the then Madras University. He along with his team of dedicated professors evinced keen interest in molding the students academically and in other extracurricular activities.

Later Prof. Rajkumar Ambrose, Prof. Major Stanly Austin, Prof. P. Subramanian, Prof. S. Sitaraman, Prof. P. J. Charles, Prof. V. Thothatri and Dr. H. Alex Devadoss during their stewardships took the department towards further excellence. It is really a noble gesture on the part of Prof. S. Sitaraman who has donated to the Department Library over 1500 books. As a mark of respect to this great Professor, the department Library has been named “Professor Sitaraman Library”.

The Department takes legitimate pride in its glorious history of having produced many distinguished scholars who occupy many eminent positions in different walks of life in our country and abroad. To cite a few, Dr. T. S. Natarajan, Dept. of Polymer Physics IIT, Chennai and Dr. R. Simon, winner of the covetable Shanti Swarup Bhatnagar Prize in the year 1993 for Physical Sciences, currently working as Senior Professor, Institute of Mathematical Sciences, Chennai are our distinguished alumni. The M.Sc. Physics course was started in the academic year 2006 - 2007. The M. Phil. course was started in the year 2013.

### **Best Practices of the Department:**

For the Student by the Student.

Constructing the Character.

### **Infrastructure in the Department**

<b>S. No.</b>	<b>Items</b>	<b>Details</b>	<b>Verification (Yes/No)</b>
1	No. of class rooms	Six	Yes
2	No. of laboratories	One	Yes
3	Computers for teachers	Available	Yes
4	Computers for student scholars	Available	Yes
5	Internet access and related software	Available	Yes
6	Power Supply	Available	Yes
7	Water Supply	Available	Yes

## Department Library Facilities

Area in sq. Ft.	Total No. of Books Available	Total No. of Journals Available	Total No. of Computer Systems with Internet Facilities
960	UG – 1682 & PG - 1201	3	19

### DEPARTMENT ACTIVITIES –PG PHYSICS 2017 – 2018

- ↳ The details of the students participations are as follows, I M.Sc. students were participated in the Science Day celebrations conducted by the EGRL, Tirunelveli on 28<sup>th</sup> February 2018. Also they have attended the one day State Level Seminar organized by the Department of Physics, Sri Paramakalyani College on February 23, 2018.
- ↳ Our department has arranged a special lecture on Quantum Mechanics for our M.Sc./M.Phil. students on 26<sup>th</sup> February 2018. Dr. Ivan Jebakumar was the resource person.
- ↳ M.Phil. scholars were participated in the International conference on Advanced Materials organized by Department of Physics, Pope’s College on 27<sup>th</sup> February 2018
- ↳ II M.Sc. students were attended in the National Seminar organized by the Department of Physics, Aditanar College and Sadakathullah Appa college on 16<sup>th</sup> February 2018 and 9<sup>th</sup> March 2018 respectively.
- ↳ Our department has organized a one day lecture workshop on “Applications and Development of Advanced Materials” (ADAM-2018) on 23<sup>rd</sup> March 2018 with the support of our management. Dr. P. Sumithraj Premkumar acted as a convener and Mrs. J. Ruby Jemima acted as a co-convener of this workshop. Dr. S. Moorthy Babu, Director, Centre for Nano Science and Technology, Chennai was inaugurated the workshop and delivered a lecture. Dr. C.K. Mahadevan, Visiting Professor, Changchun University of Science and Technology, P.R. China and



Dr. X. Sahaya Shajan, Director, Centre for Scientific and Applied Research, Tirunelveli was also delivered the lectures in the workshop. More than 80 students from the various colleges among Tirunelveli, Thoothukudi and Kanyakumari were participated in the workshop.



- Our students were achieved 100% result in one theory paper and 90% of result in two papers in the University Examination during odd semester in 2017 – 18.

**The activities of the staff members are as follows.**

- Dr. P. Sumithraj Premkumar has attended two conferences and published five papers in the National/State level Seminar/Conference proceedings organized by the various colleges during the month of February and March 2018. He has also recognized as Ph.D. guide by MS university, Tirunelveli.
- Mrs. J. Ruby Jemima attended a one day international conference held at Pope's College on 27<sup>th</sup> February 2018.

- ↳ Miss. C. Stella Rani participated three days workshop on “X-ray and electron diffraction techniques” organized by SAIF, CUSAT, Cochin during 7 – 9, February 2018. She also attended and presented three papers in the seminars held at various colleges.
- ↳ Mrs. Gomathi Sankari has presented a paper in National seminar held at Sri Paramakalyani College on February 23, 2018.
- ↳ Mrs. Christy Jerin participated in the National seminar held at Sadakathullah Appa college on 9<sup>th</sup> March 2018.
- ↳ Association meeting for the academic year 2018 was conducted on 14 September, Dr. C. Ravi Samuelraj, Dean of research, Pope’s College, Sawerpuram was the resource person. He gave his lecture on Man and Molecule.



### **Activities of UG Department of Physics**

- ↳ An Exhibition was conducted on 12/10/2017 by the UG department of Physics.
- ↳ An intra-department quiz competition was conducted on 06/03/2018 by the quiz club to encourage the students to take part in extra-curricular activities
- ↳ The Electronics and Instrumentation Club (EIC) members exhibited their projects and activities on 19/04/2018.

# St.John's college Palaymkottai

Exhibition - 12/10/2017





# St.John's college Palaymkottai

Competition - 06/03/2018



# St.John's college Palaykottai

EIC - 19/04/2018



## 6. Faculty Profile

Faculty Strength	Total Staff – 11 Men – 4 Women – 7
Qualification	Ph.D. – 5 SLET – 1 M.Phil. –11

### List of the Faculty members in Aided stream

S. No.	Name of the Staff	Designation	Qualification	Roles & Responsibilities	Date of Joining	Teaching Experience in Years
1	Dr. M. Daniel Sweetlin	HOD & Associate Professor	M.Sc., B.Ed., M.Phil., PGDCA, Ph.D., SLST.	HOD & IQAC Member	09/02/1998	20
2	Dr. S. John Kennady Vethanathan.	Principal & Associate Professor	M.Sc., M.Phil., Ph.D.	Research coordinator	21/06/1999	18
3	Dr. A. Arulgnanam	Associate Professor	M.Sc., M.Phil., M.Tech., Ph.D.	Association in charge & IAPT Coordinator	21/03/2001	17
4	Mrs. R. Nithya Agnes	Assistant Professor	M.Sc., B.Ed., M.Phil.	Girls Grievance Cell & YRC Coordinator & Exam coordinator	30/08/2006	11
5	Dr. D. Arul Asir Abraham	Assistant Professor	M.Sc., M.Phil., Ph.D.	Coordinator for e-learning	29/05/2009	8
6	Mrs. D. Priscilla Koilpillai	Assistant Professor	M.Sc., M.Phil.	Coordinator of Quiz club and Placement service	29/05/2009	8

## List of the Faculty members in Un-Aided stream.

S. No.	Name of the Staff	Designation	Qualification	Roles & Responsibilities	Date of Joining	Teaching Experience in Years
7	Mrs. J. Ruby Jemima	Assistant Professor	M.Sc., M.Phil.	Head & PTA Incharge	26.06.2007	10
8	Mrs. C. Stella Rani	Assistant Professor	M.Sc., M.Phil.	M.Phil. Class Incharge	04.09.2008	9
9	Mrs. E. Christy Jerin	Assistant Professor	M.Sc., M.Phil.	Library Incharge	19.06.2009	8
10	Mrs. G. Gomathi Sankari	Assistant Professor	M.Sc., M.Phil.	M.Sc. Class Incharge	08.01.2015	3
11	Dr. P. Sumithraj Premkumar	Assistant Professor	M.Sc., M.Phil., Ph.D.	Late comer follow-up	03.01.2018	-

### Research and Consultancy

1. G. Sivaganesh and A. Arulgnanam “On the Synchronization of Coupled Forced Negative Conductance Circuits: A Numerical Study”, IOSR Journal of Applied Physics (IOSR- JAP), Vol. 1, No. 1, (2017) pp. 6-11. DOI: 10.9790/4861-17002010611
2. G. Sivaganesh and A. Arulgnanam “Generalized analytical solutions for certain coupled simple chaotic systems”, Chin. Phys. B Vol. 26, No. 5, (2017) 050502-1 to 050502-11, DOI: 10.1088/1674-1056/26/5/050502
3. G. Sivaganesh and A. Arulgnanam and A.N. Seethalakshmi “Generalized analytical solutions and experimental confirmation of complete synchronization in a class of mutually coupled simple nonlinear electronic circuits” Chaos, Solitons and Fractals Vol.113 (2018) Page no.294-307
4. G. Sivaganesh and A. Arulgnanam and A.N. Seethalakshmi and S. Selvaraj “Analytical Studies on the Synchronization of a Network of Linearly Coupled Simple Chaotic System”, Journal of the Korean Physical Society, Vol.72, No. 10, May 2018, PP. 1121~1128

5. C. Stella Rani, M.D. Sweetlin, P. Selvarajan, *Studies of L-methionine doped Ammonium Ferrous Sulfate single crystals grown by solution method.* International Journal of Research and Analytical Reviews, 2018. **5**(3): p. 615-622.
6. C. Stella Rani, M.D.Sweetlin, P.Selvarajan, *Growth and Characterization of Ammonium Ferrous Sulfate Crystals Doped With L-Threonine.* Journal of Emerging Technologies and Innovative Research, 2018. **5**(9).
7. G.Sivaganesh, M.D.Sweetlin,.a., *Numerical and analytical studies on the complete synchronization of the variant of Murali-Lakshmanan-Chua circuits.* arXivLabs, 2018.
8. **Alpha Decay and Cluster Decay of Some Neutron Rich Actinide Nuclei”,** G.M. Carmel Vigila Bai and **R. Nithya Agnes**, Pramana-Journal of Physics, Volume 88, No.43, ISSN: 0304-4289, Page no. 19-25,(2017).
9. **Role of Multi Polarity–Six Deformation Parameter on Exotic Decay Half-Lives of Berkelium Nucleus** G.M. Carmel Vigila Bai and **R. Nithya Agnes**, IOSR –Journal of Applied Physics, Volume- 3, and ISSN: 2278- 4861. Page No.84-91, (2017).
10. **The Role of Higher Multi-Polarity Beta Six Deformations and Decay Energy on Exotic Decay Half-Life of Highly Deformed Heavy Nobelium (No) Nucleus**, G.M. Carmel Vigila Bai and **R. Nithya Agnes**, Proceedings of Department of Atomic Energy (DAE), Symposium on Nuclear Physics, 62,348 (2017).



## List of the Faculty members and their API score

S. No.	Name of the Faculty	Designation	API Score
1	Dr. M. Daniel Sweetlin	Head & Associate Professor	539
2	Dr. S. John Kennady Vethanathan	Associate Professor	1266
3	Dr. A. Arulgnanam	Associate Professor	1152.8
4	Mrs. R. Nithya Agnes	Assistant Professor	541
5	Mr. A. Arul Asir Abraham	Assistant Professor	448
6	Mrs. D. Priscilla Koilpillai	Assistant Professor	354
7	Mrs. J. Ruby Jemima	Assistant Professor	167.8
8	Ms. C. Stella Rani	Assistant Professor	393.8
9	Mrs. E. Christy Jerin	Assistant Professor	408.8
10	Dr. P. Sumithraj Premkumar	Assistant Professor	323.5
11	Mrs. G. Gomathi Sankari	Assistant Professor	434

## 7. Students' Profile

### Student's Statistics for the year 2017-2018

The students are admitted on each course based on the Government schemes of reservation.

The community wise student's statistics are given below:

S. NO	COURSE	OTHER THAN MINORITY														Minority		Total		Total		
		SC		SCA		ST		BC		DNC		MBC		BCM		OC		M	F		M	F
		M	F	M	F	M	F	M	F	M	F	M	F	M	F							
1	B.Sc. PHYSICS	2	2	0	0	0	1	9	7	4	1	2	0	0	0	0	0	10	10	27	21	48
2	M.Sc. PHYSICS	0	1	0	0	0	0	0	4	0	1	0	0	0	1	0	0	2	2	2	9	11
3	M.Phil. PHYSICS	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	3	3

**List of the student representatives**

<b>Course</b>	<b>Name of student representative</b>
I B.Sc.	M. HARIHARAN
II B.Sc.	R. RAJESH
III B.Sc.	S. KIPSON RAJADURAI
I M.Sc.	S. EILEEN SUJI
II M.Sc.	J. SUNDAR RAJ

**List of Ongoing Scholars under Supervisor**

<b>S. No.</b>	<b>Name of the Scholar with Register Number</b>	<b>Name of the Supervisor</b>	<b>Full Time / Part Time</b>	<b>Date of Commencement</b>
1	Mrs. C. Stella Rani	Dr. M. DANIEL SWEETLIN	Part Time	24.07.2012
2	Dr. Mrs. K. R. Santhy	Dr. M. DANIEL SWEETLIN	Part Time	25.01.2014
3	Mrs. Mary Anne	Dr. M. DANIEL SWEETLIN	Part Time	10.01.2018
4	Mrs. G. Selva Manohari	Dr. M. DANIEL SWEETLIN	Part Time	05.07.2018
5	Ms. B. Padma	Dr. M. DANIEL SWEETLIN	Part Time	19.12.2018
6	Mrs. D. Priscilla Koilpillai	Dr. S. JOHN KENNADY VETHANATHAN	Part Time	09.05.2015
7	Ms. S. Karpagavalli	Dr. S. JOHN KENNADY VETHANATHAN	Part Time	23.02.2015
8	Mrs A. Suganthi	Dr. S. JOHN KENNADY VETHANATHAN	Part Time	23.02.2015
9	Miss. R. Aboorvakani	Dr. S. JOHN KENNADY VETHANATHAN	Part Time	30.06.2016

10	Ms. G. Rusyshia Santhakumari	Dr. S. JOHN KENNADY VETHANATHAN	Part Time	08.07.2015
11	Mrs. Jenefa Sweet	Dr. S. JOHN KENNADY VETHANATHAN	Part Time	13.07.2015
12	Mr. G. Sivaganesh	Dr. A. ARULGNANAM	Part Time	10.08.2017
13	Mr. S.S. Prajith	Dr. A. ARULGNANAM	Part Time	10.08.2017
14	Mrs. D.B. Sharmila	Dr. A. ARULGNANAM	Part Time	24.12.2018
15	Ms. V. Rajamani	Dr. A. ARULGNANAM	Part Time	21.12.2018
16	Miss. Rajakani	Dr. P. SUMITHRAJ PREMKUMAR	Full time	21.12.2018
17	Mrs. P. Justina Angelin	Dr. P. SUMITHRAJ PREMKUMAR	Full time	05.07.2018

### Placement Details

Programme Name	Batch	Number of students passed in final year examination	Number of students enrolled into higher education	Number of students placed in jobs
B.Sc.	2015-18	36	16	5
M.Sc.	2016-18	3	1	2
M. Phil.	2017-18	5	-	-

## 8. Curriculum

### UG Programme Structure

Semester	Course code	Course Name	IM	EM	T M	H	C
I	SMPH11	Mechanics and Relativity	25	75	100	4	4
	SMPH12	Properties of Matter and Acoustics	25	75	100	4	4
	SEVSII	Environmental Studies	25	75	100	2	2
	SMPHP1	Physics practical-I	50	50	100	2	2
			<b>125</b>	<b>275</b>	<b>400</b>	<b>12</b>	<b>12</b>
II	SMPH21	Thermal Physics and Statistical Mechanics	25	75	100	4	4
	SMPH22	Optics	25	75	100	4	4
	SVBE21	Value Based Education	25	75	100	2	2
	SJMPHP2	Major Physics Practical- II	50	50	100	2	2
			<b>125</b>	<b>275</b>	<b>400</b>	<b>12</b>	<b>12</b>
III	JMPH31	Electricity and Magnetism	25	75	100	4	4
	JSPH3A	SBS-Maintenance of Electrical Equipment	25	75	100	4	4
	JMPHP2	Physics Practical-II	50	50	100	2	1
IV	JMPH41	C ++	25	75	100	4	4
	JSPH4A	SBS-Maintenance of Electronics Equipment	25	75	100	4	4
	JMPHP2	Major Physics Practical-II	25	75	100	2	2
			<b>75</b>	<b>150</b>	<b>300</b>	<b>10</b>	<b>10</b>
V	GMPH51	Atomic Physics	25	75	100		4

VV	GMPH52	Basic Electronics	25	75	100		4
	GMPH5B	Quantum Mechanics	25	75	100		5
	GMPH5C	Solid State Physics	25	75	100		5
	GCSB5A	Personality Development	25	75	100		4
			<b>125</b>	<b>375</b>	<b>500</b>		<b>22</b>
	GMPH61	Nuclear Physics	25	75	100		4
VI	GMPH62	Spectroscopy	25	75	100		4
44	GMPH63	Digital Electronics	25	75	100		4
	GMPH6A	Statistical Mechanics	25	75	100		5
	GMPHP3	Non-Electronics Practical	40	60	100		4
	GMPHP4	Electronics Practical	40	60	100		4
	GMPHP5	C++ Practical	40	60	100		4
			<b>220</b>	<b>410</b>	<b>700</b>		<b>29</b>

*Note: IM – Internal Marks, EM – External Marks, TM – Total Marks, H – Hours/week, C – Credits.*

### PG Programme Structure

Sem	Code	Subject Name	L	T	P	O	IM	SM	TM	CD
I	PPHM11	Classical Mechanics	3	1			25	75	100	4
	PPHM12	Mathematical Physics-I	3	1			25	75	100	4
	PPHM13	Integrated Electronics	3	1			25	75	100	4
	PPHM14	Nonlinear dynamics	3	1			25	75	100	4
	PPHCL11	General Experiments-I	3	1			25	75	100	2
	PPHCL12	Electronics experiments-I			6		40	60	100	2
			<b>15</b>	<b>5</b>	<b>10</b>	<b>10</b>	<b>405</b>	<b>495</b>	<b>900</b>	<b>24</b>
II	PPHM21	Mathematical Physics-II	3	1			25	75	100	4
	PPHM22	Condensed Matter Physics	3	1			25	75	100	4
	PPHM23	Microprocessor & Micro controller	3	1			25	75	100	4

	PPHM24	Numerical methods and C++ Programming	3	1			25	75	100	4
	PPHCL21	General Experiments-II	3	1			25	75	100	2
	PPHCL22	Electronics Experiments-II			5		40	60	100	2
	PPHT21	Field work			5		40	60	100	3
			<b>15</b>	<b>5</b>	<b>10</b>	<b>10</b>	<b>505</b>	<b>495</b>	<b>1000</b>	<b>26</b>
III	PPHM31	Quantum Mechanics-I	3	1			25	75	100	4
	PPHM32	Electromagnetic theory	3	1			25	75	100	4
	PPHM33	Statistical Mechanics	3	1			25	75	100	4
	PPHM34	Research Methodology	3	1			25	75	100	4
	PPHCL31	Advanced Experiments-III	3	1			100		100	2
	PPHCL32	Microprocessor			4		40	60	100	2
			<b>15</b>	<b>5</b>	<b>10</b>	<b>10</b>	<b>440</b>	<b>460</b>	<b>900</b>	<b>23</b>
IV	VE1002	Human Rights	2				25	75	100	2
	PPHM41	Quantum Mechanics-II	3	1			25	75	100	3
	PPHM42	Spectroscopy	3				25	75	100	3
	PPHM43	Nuclear and particle physics	3	1			25	75	100	3
	PPHL41	Advanced Experiments-iv	3	1			25	75	100	3
	PPHL42	C++ PROGRAMMING	3				25	75	100	2
	PPHT41	Field work			4		40	60	100	3
	PPHP41	Project			6			100	100	4
			<b>17</b>	<b>3</b>	<b>10</b>	<b>10</b>	<b>490</b>	<b>610</b>	<b>1100</b>	<b>26</b>
<b>Total Credits:</b>										<b>139</b>

**Note:** L-Lecture, T-Tutorial, P-Practical, O-Others, IM-Internal Marks, SM-Semester Mark,

**TM- Total Marks, CD-Credit**

### M.Phil. Programme Structure

I	HPHC11	Research Methodology	4	1	0	5	50	50	100
	HPHC12	Advanced Physics	4	1	0	5	50	50	100
II	HPHO11	Material Science	4	1	0	5	50	50	100
	HPHO12	Space Physics	4	1	0	5	50	50	100
	HPHO13	Nano Materials	4	1	0	5	50	50	100
	HPHO14	Geo Physics	4	1	0	5	50	50	100
		Project	4	1	0	9	100	100	200
			<b>16</b>	<b>4</b>	<b>0</b>	<b>24</b>	<b>250</b>	<b>250</b>	<b>500</b>

**Note:** *L-Lecture, T-Tutorial, P-Practical, O-Others, IM-Internal Marks, SM-Semester Mark, TM- Total Marks, CD-Credit*

#### Course Evaluation Pattern

This program is under Choice Based Credit System of the University. Each paper is evaluated for 100 marks with Internal 25 marks and External 75 marks. The duration of the examination is 1 hour for internal assessment test and 3 hours for external examination.

The pattern for internal assessment and the external examination are as follows:

#### For UG courses

Internal Evaluation Pattern		External Evaluation Pattern		Practical Evaluation Pattern
Average of Best of two from three internal assessment test	<b>20</b>	Section A (10x1=10)	<b>10</b>	Internal: 40
		Section B (5x5=25)	<b>25</b>	External: 60
Assignments/Seminars	<b>05</b>	Section C (5x8=40)	<b>40</b>	Total Marks: 100
Total Marks	<b>25</b>	Total	<b>75</b>	

### For PG and M.Phil. Courses

Internal Evaluation Pattern		External Evaluation Pattern		Practical Evaluation Pattern
Two CA Tests	<b>15</b>	Section A (10x1=10)	<b>10</b>	Internal: <b>50</b>
Paper Work	<b>05</b>	Section B (5x5=25)	<b>25</b>	External: <b>50</b>
Assignments/Seminars	<b>05</b>	Section C (5x8=40)	<b>40</b>	Total Marks: <b>100</b>
Total Marks	<b>25</b>	Total	<b>75</b>	

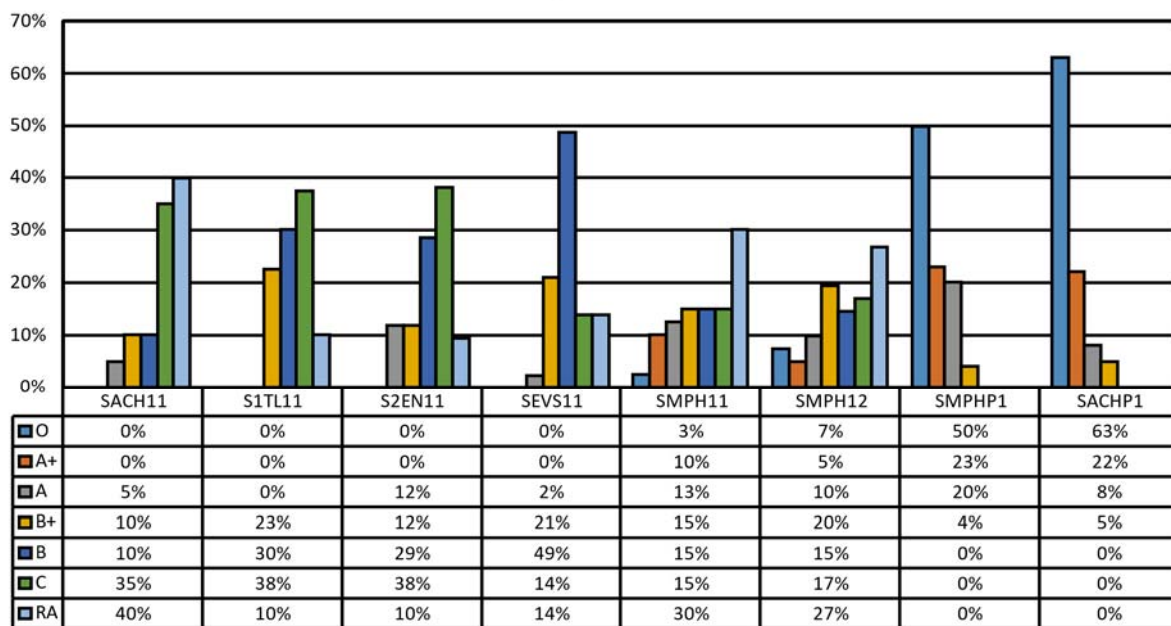
### Result Analysis

External examinations are conducted by Manonmaniam Sundaranar University and the corresponding results are declared after evaluation. The subject-wise result analysis is made by course instructors which will be helpful to understand the quality of classroom teaching and observation about each course.

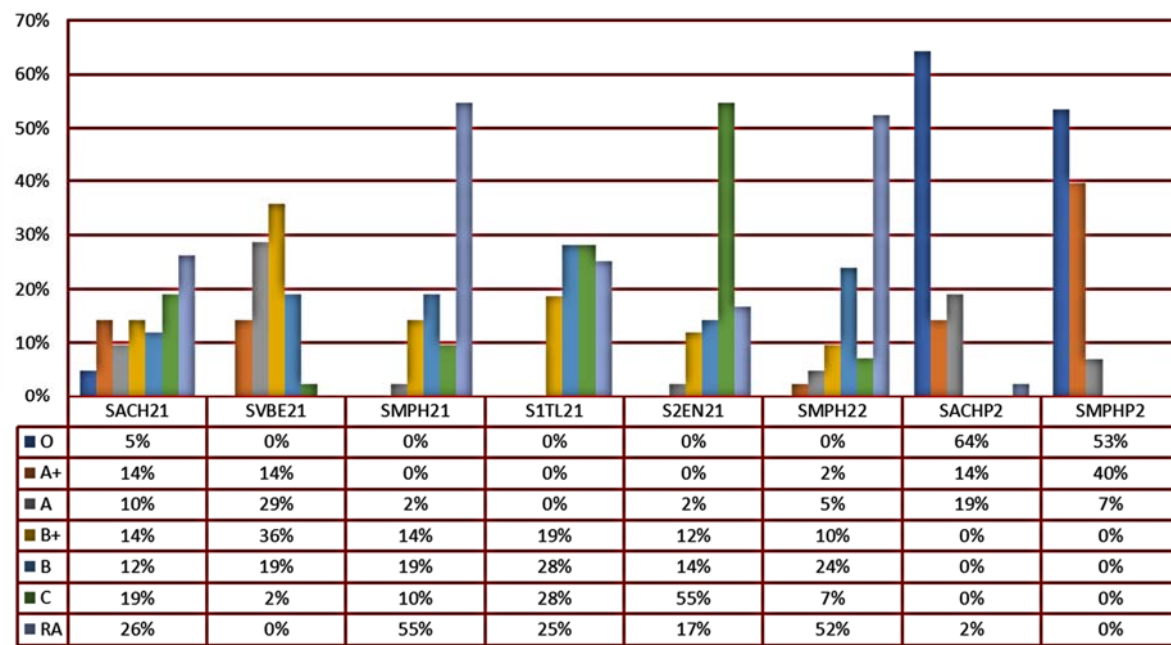
The analysis of the result for November 2017 and April 2018 University examinations are represented graphically.



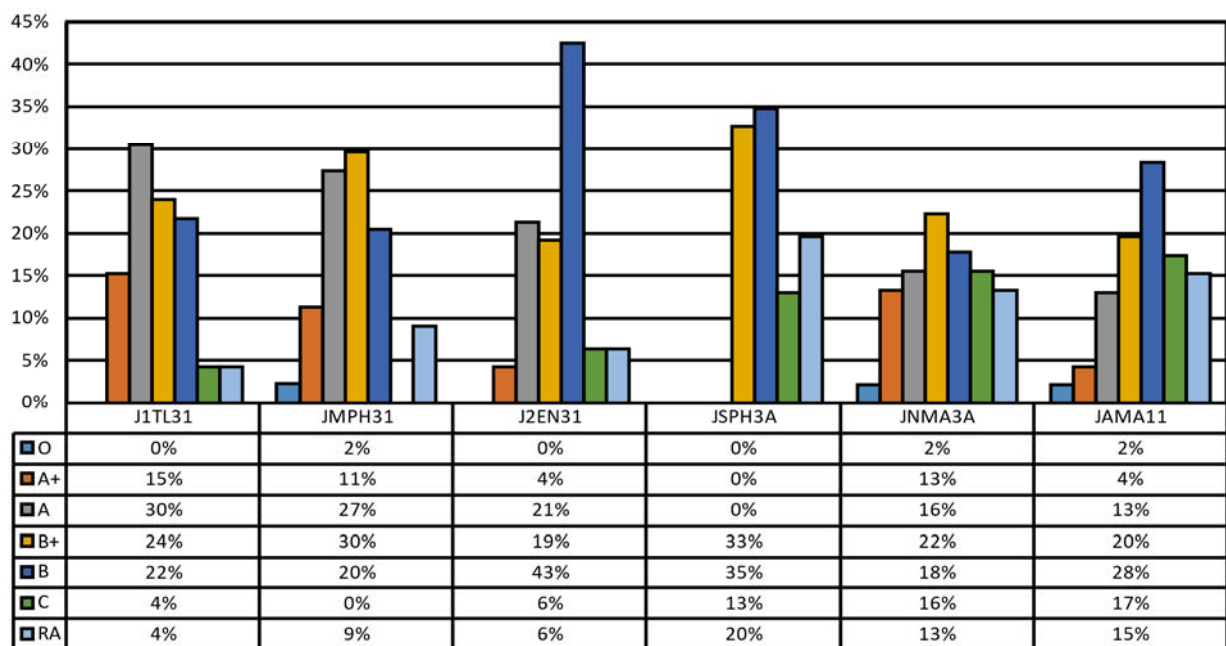
**RESULT ANALYSIS**  
**I B.Sc. PHYSICS - SEMESTER I**  
 Nov - 2017



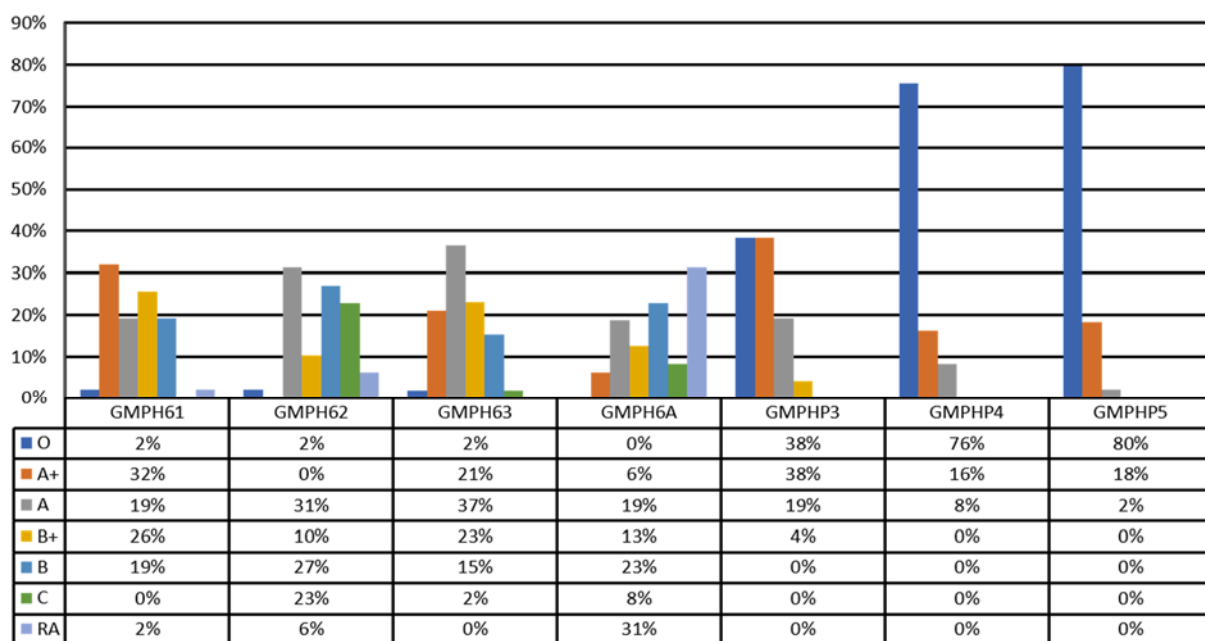
**RESULT ANALYSIS**  
**B.Sc. PHYSICS - SEMESTER II**  
 Apr - 2018



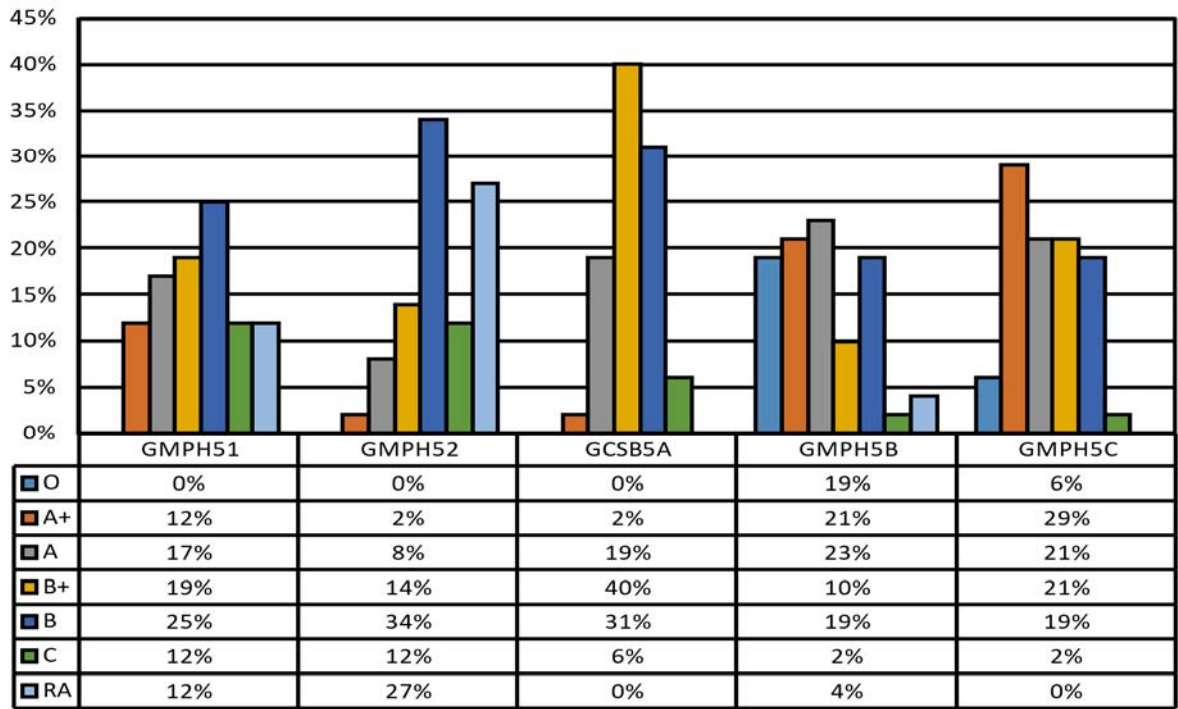
**RESULT ANALYSIS**  
**B.Sc.PHYSICS - SEMESTER III**  
**Nov - 2017**



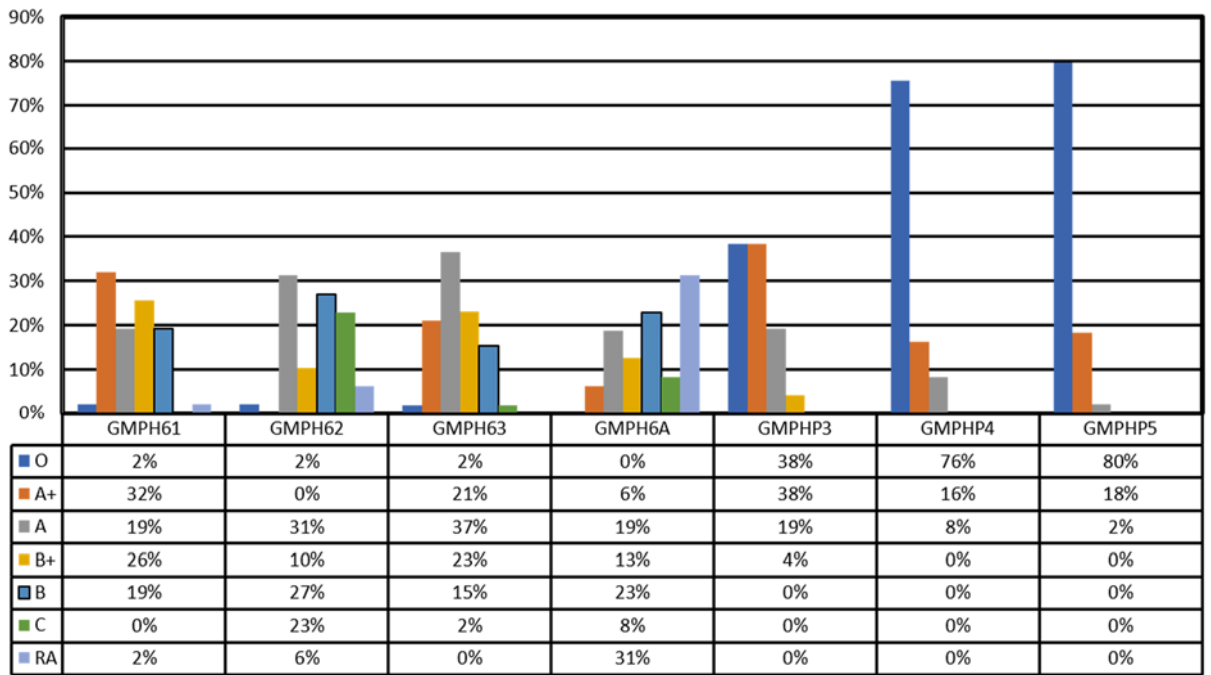
**RESULT ANALYSIS**  
**B.Sc.PHYSICS - SEMESTER IV**  
**Apr - 2018**



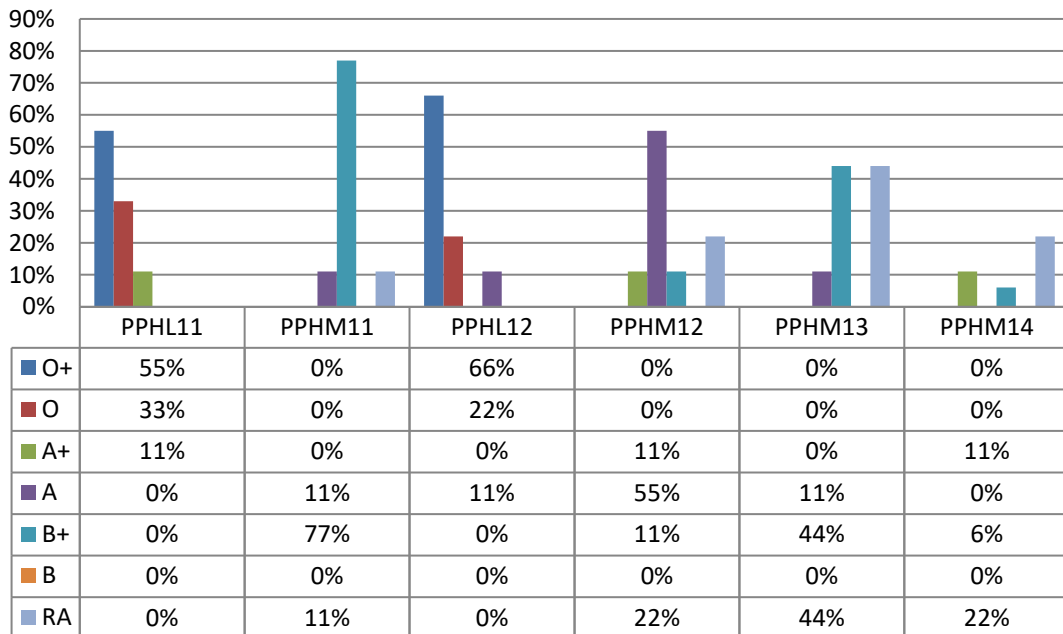
**RESULT ANALYSIS**  
**B.Sc. PHYSICS - SEMESTER V**  
**Nov - 2017**



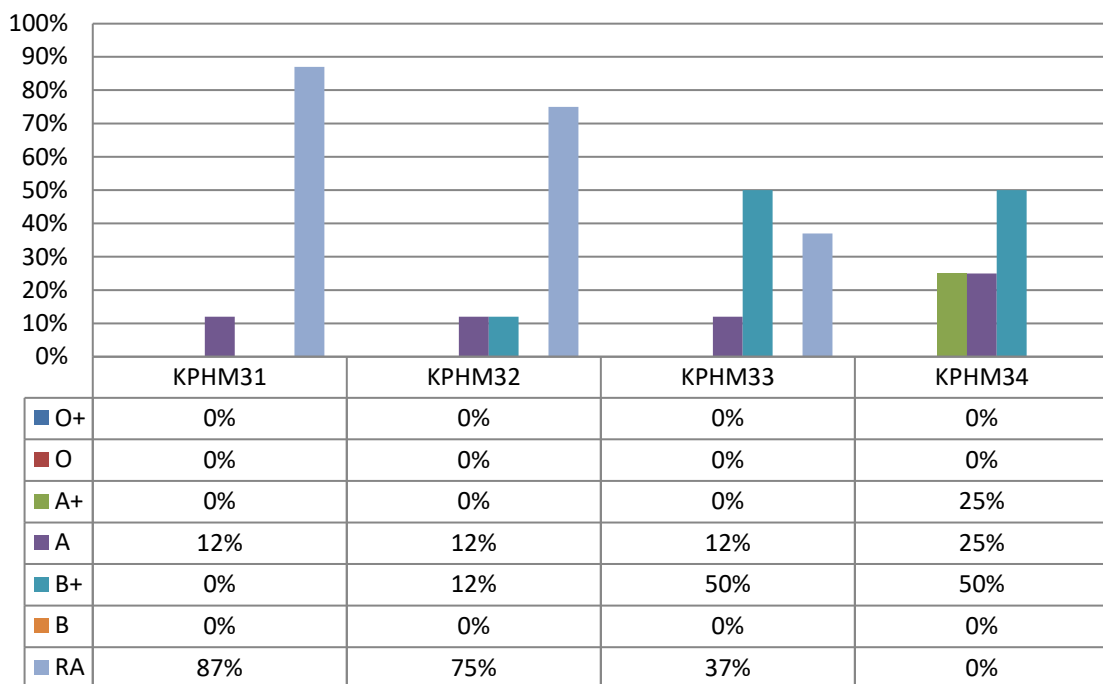
**RESULT ANALYSIS**  
**B.Sc. PHYSICS - SEMESTER VI**  
**Apr - 2018**



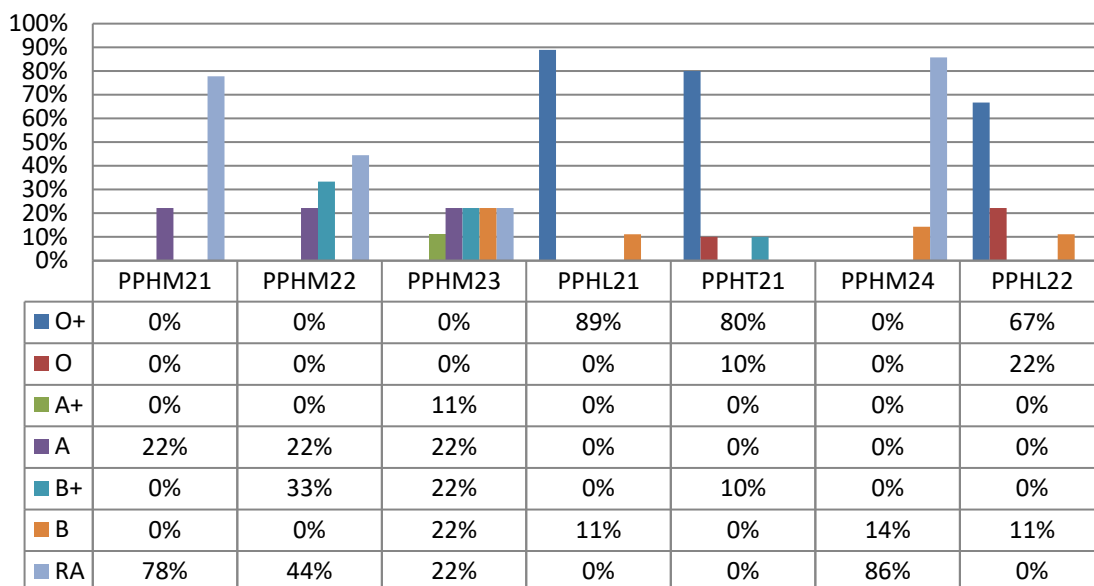
**RESULT ANALYSIS**  
**M.Sc. PHYSICS - SEMESTER I**  
**Nov - 2017**



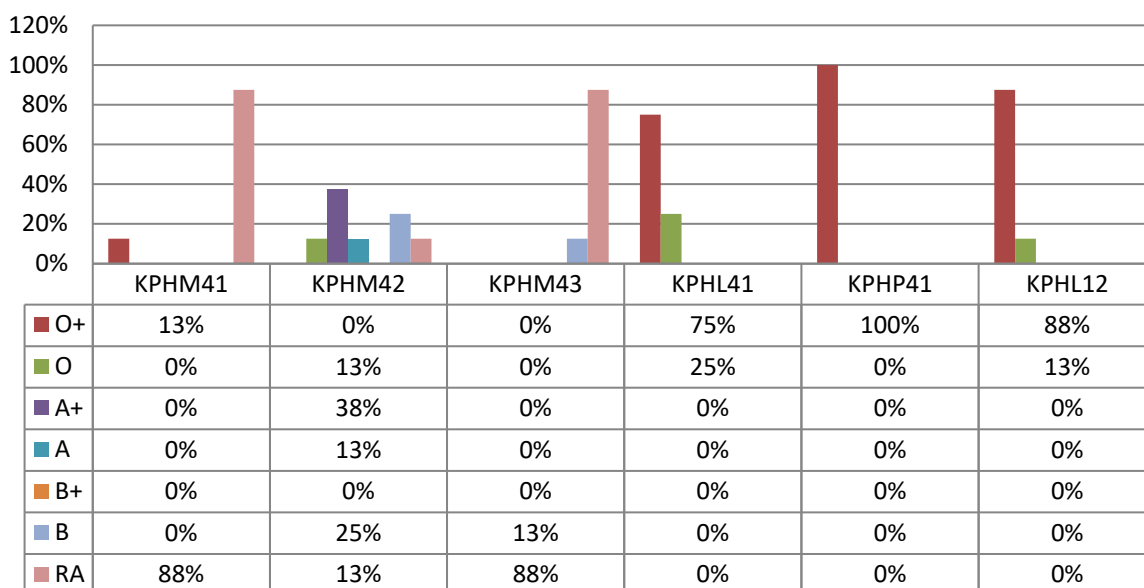
**RESULT ANALYSIS**  
**M.Sc. PHYSICS SEMESTER III**  
**Nov - 2017**



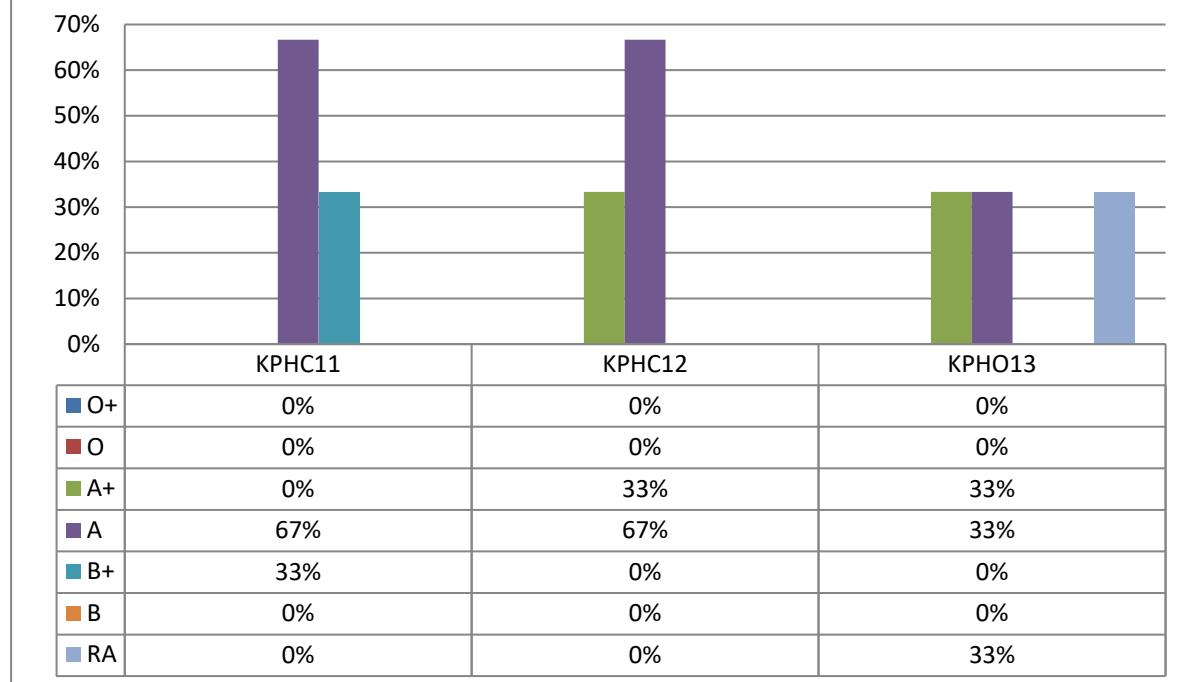
**RESULT ANALYSIS**  
**M.Sc.PHYSICS - SEMESTER II**  
**Apr - 2018**



**RESULT ANALYSIS**  
**M.Sc. PHYSICS SEMESTER IV**  
**Apr - 2018**



**RESULT ANALYSIS**  
**M.PHIL PHYSICS - SEMESTER I**  
**Nov 2017**



The details of outgoing students that are appeared as well as passed in the April 2018 University examinations, are given in the below table:

<b>Programme Name</b>	<b>Batch</b>	<b>Number of students appeared in the final year examination</b>	<b>Number of students passed in final year examination</b>	<b>Pass Percentage</b>
B.Sc.	2015-2018	47	36	77%
M.Sc.	2016-2018	4	3	75%
M.Phil.	2017-2018	5	5	100%

## **Infrastructural Facilities**

- Class Room with LCD projector.
- Wi-Fi enabled Secured Block
- RO Water Facility
- Library Room
- Computer Lab
- Electronics and Instrumentation Club (EIC) project room.

## **9. Outcome**

### **1. Outcome of the students meeting**

- The students feel that the Staff of the department have expertise and enough experience in handling theory and practical classes professionally.
- Students feel that the infrastructure provided by the college and department is good.
- The rules and regulations of the department were appreciated.
- Students appreciated the Carrier Oriented Course on ‘Energy Science’.
- Students are impressed with the Quiz-club and the Electronics Club activities.
- Students are satisfied with the advanced curriculum and syllabus.
- PG students requested access to Digital Library.
- Students asked for the Library to be kept open longer.
- They feel that the Wi-fi bandwidth is not sufficient.
- They feel that the plug points for charging laptops is not adequate in classrooms.
- They feel that more importance should be given to the communication and soft skills.

### **2. Outcome of the Faculty meeting**

- They feel very proud to serve at this institution.
- They feel satisfied with the salary package.
- EPF contribution was also appreciated.

## 10. Overall assessment

- The evaluation process followed in the laboratory is good.
- Uniform for students is a good practice.
- The Carrier Oriented programme on ‘Energy Science’ is having a good impact on the outcome of the students.
- The usage of LCD projector for class room teaching is found very effective.
- Number of copies of Text books in the library is sufficient.
- Wi-fi bandwidth is low.
- Website of the College is not updated.
- Publications and participations in FDP, seminars, conferences and workshops by faculty members are minimal.
- Placement activities and placement related training are good.
- Placements are less.
- Completing 90 working days for first semester students is not feasible due to delay in the admission procedure.

## 11. Suggestions

- The textbooks in the Library may be updated.
- More Indexed journals at least Scopus indexed to be subscribed.
- Publications and participations in FDP, seminars, conferences and workshops by faculty members are to be increased.
- Incentives may be given to the faculty by the management for publishing papers and producing 100% results.
- External funded research projects are to be taken up by the faculty members.
- Students may be asked to write job oriented online exams (litmus, brain bench etc.) for better placements.
- Since the time frame of 90 days for first semester is not met, the completion of prescribed Semester Practical is found to be difficult. So it may be shifted to another semester.
- Programming Languages like java and .net may be given as an elective both in theory and practical.



- Syllabus for Research domain and self-learning courses may be clearly defined and it may include more areas.
- Uniform distribution of number of theories and practical has to be followed in all the semesters.
- Importance has to be given for communication skills.

### **3. Conclusion**

- Fundamental rules and regulations followed by the college management and department staff members are very good.
- Basic amenities and infrastructure in the college and the department is very good.
- Library facility is very good and there is a vast scope for the academic development of the students.
- Faculty Attrition ratio is low and that is good for a management.
- Faculty members are well experienced, qualified and talented.
- Students are trained with skill development like Electronics Instruments service.

**Signature of the Academic Panel Members**

<p><b>Chair Person</b> Dr. M. Daniel Sweetlin, Head, UG and Research Department of Physics, St. John's College, Palayamkottai, Tirunelveli- 627002, Tamil Nadu.</p>	 <p><b>Dr. M. DANIEL SWEETLIN</b> M.Sc.,M.Phil.,B.Ed.,PGDCA.,Ph.D., Head of the Department of Physics St. John's College Palayamkottai - 627 002.</p>
<p><b>Co-Ordinator</b> Mrs. J. Ruby Jemima Head, PG Department of Physics, St. John's College, Palayamkottai, Tirunelveli- 627002, Tamil Nadu.</p>	 <p>Department of Physics (PG) St. John's College Palayamkottai - 627 002</p>
<p><b>Subject Expert -1</b> Dr. N. Ammakutti @ Sridevi, Assistant Professor, Department of Physics, Annai Hajira Women's College, Melapalayam, Tirunelveli – 627 005. Tamilnadu. Mobile: 9894249806</p>	 <p><b>Dr.N.Ammakutti@Sridevi</b> Assistant Professor of Physics Annai Hajira Women's College Melapalayam Tirunelveli.</p>
<p><b>Subject Expert – 2</b> Dr. M. Nagarajan, Associate Professor, Department of Physics, VOC College, Thoothukudi -628008 Tamilnadu Mobile: 9443114403.</p>	 <p><b>Dr. M. NAGARAJAN</b> M.Sc., M.Phil., Ph.D. Associate Professor of Physics V.O.Chidambaram College Thoothukudi - 628 008</p>
<p><b>Industry Expert:</b> Mr. N. Subramanian Proprietor Supriya Motor Industries 7C, Sivalaperi Road Tirunelveli -627 002. Mobile: +91 9443160745.</p>	 <p>Ph: 9577997, 4000997 <b>SUPRIYA PUMPS</b> 7, SEEVA ROAD, TIRUNELVELI - 627 002.</p>



**IQAC Coordinator**

**Dr A. Arulgnanam**  
IQAC COORDINATOR  
ST JOHN'S COLLEGE  
PALAYAMKOTTAI



**Principal**

**PRINCIPAL**  
ST. JOHN'S COLLEGE  
PALAYAMKOTTAI - 627 002.



**ST. JOHN'S COLLEGE PALAYAMKOTTAI  
TIRUNELVELI – 627 002**

[sjc1878@stjohnscollege.edu.in](mailto:sjc1878@stjohnscollege.edu.in), [www.stjohnscollege.edu.in](http://www.stjohnscollege.edu.in)



# **Annual Academic Audit Report**

---

**2017-18**

**Department of Chemistry**

**28<sup>th</sup> & 29<sup>th</sup> August 2018**

## Table of Contents

1. Introduction.....	2
2. Objectives of Academic Auditing: .....	2
3. Academic Audit Panel Members .....	2
4. Schedule of the Annual Academic Audit .....	4
5. Department Profile.....	5
5.1 About the Department .....	5
5.2 Best Practices of the Department: .....	6
5.3 Infrastructure in the Department .....	6
5.4 Department Library Facilities .....	6
6. Faculty Profile.....	6
6.1 List of the Faculty members in Aided and Un - Aided stream .....	7
6.2 Research and Consultancy .....	8
6.3 List of the Faculty members, based on API score .....	8
7. Students' Profile .....	9
7.1 Student's Statistics for the year 2017-2018 .....	9
7.2 List of the student representatives .....	9
7.3 List of Ongoing Scholars under Supervisor.....	10
7.4 Placement Details .....	10
8. Curriculum .....	10
8.1 UG Programme Structure .....	12
8.2 PG Programme Structure .....	12
8.3 M.Phil. Programme Structure .....	12
8.4 Course Evaluation Pattern .....	13
8.5 Result Analysis .....	13
9. Outcome.....	19
10. Overall assessment.....	19
11. Suggestions .....	20
12. Signature of the Academic Audit Panel Members.....	<b>20</b>

## **1. Introduction**

The process of Academic Auditing intends to monitor and enhance the quality of science education through proper guidelines for both teaching faculty and students, so as to ensure qualified students/researchers passing out from the department. It presents the objectives of academic auditing, the process of internal and external evaluation of courses, major/mini projects, seminars, overall discipline and academic functioning of the department, duties and responsibilities of faculty members, research and consultancy and class/course committees.

The Annual Academic Audit of the Department was conducted on 28<sup>th</sup> and 29<sup>th</sup> August 2018.

## **2. Objectives of Academic Auditing**

- (i) To define quality of each component of the functionalities.
- (ii) To define effectiveness of teaching – learning process.
- (iii) To devise methodology to confirm maximum output from faculty members as well as students.
- (iv) To ensure academic accountability and quality of technical education through proper guidelines for both teaching faculty and students/researchers.

## **3. Academic Audit Panel Members**

The Name, Designation and Address of Academic Audit Experts are given in detail:

### **Chair Person**

Dr. P. Muthuselvan,  
Associate Professor of Chemistry,  
St. John's College,  
Palayamkottai - 627 002, Tamil Nadu.  
Mobile: 9944107638,  
E-mail id: jackmuthu@gmail.com

### **Co-ordinator**

Mr. D. Jim Livingston,  
Assistant Professor of Chemistry,  
St. John's College,  
Palayamkottai 627 002, Tamil Nadu.  
Mob.: 9994704580,  
E-mail id: jenyjim@gmail.com

**Subject Expert -1**

Dr. Gomathi Nayagam,  
Associate Professor,  
Dept. of Chemistry,  
MDT Hindu College,  
Tirunelveli, Tamil Nadu.  
Mobile No: 9442328434  
E mail: venkatesh\_77@yahoo.co.in

**Subject Expert - 2**

Dr. C. Vedhi,  
Associate Professor,  
Dept. of Chemistry,  
VOC College,  
Tuticorin, Tamil Nadu.  
Mobile No: 9092368104  
E mail: cvedhi@rediffmail.com

**Industry Expert:**

Mr. B. Raman,  
Senior Chemist,  
RKM Powergen Pvt Ltd.,  
Chattisgarh - 495692,  
Mobile No: 9003985904  
E mail: raman713@gmail.com

#### 4. Schedule of the Annual Academic Audit

<b>DAY 1 (28<sup>th</sup> August 2018)</b>	
<b>Timing</b>	<b>Activity</b>
10:00 AM – 10:30 AM	Meeting of the Panel with the Principal and IQAC coordinator in Principal's Office along with the Head of Chemistry.
10:30 AM – 11:15 AM	Department overall presentation in the Department along with IQAC coordinator and the Panel
11:15 AM – 11:30 AM	Tea Break
11:30 AM – 11:50 AM	Meeting the UG students in aided stream
11:50 AM – 12:10 PM	Meeting the PG students in un-aided stream
12:10 PM – 12:30 PM	Meeting the student representatives of UG and PG classes in aided and un-aided stream
12:30 PM – 01:00 PM	Meeting the M.Phil. research scholars
01:00 PM – 02:00 PM	Lunch Break
02:20 PM – 02:40 PM	Meeting the Staff aided stream
02:40 PM – 03:10 PM	Meeting the staff in Un-aided stream
03:10 PM – 03:30 PM	Tea Break
03:30 PM – 04:00PM	Discussion with the student representatives
<b>DAY 2 (29<sup>th</sup> August 2018)</b>	
<b>Timing</b>	<b>Activity</b>
10:00 AM – 10:30 AM	Entry Meeting of the Panel in the Department
11:00 AM – 11:30 AM	Visiting the Infrastructure
11:30 AM – 12:30 PM	Verifying the Audit Report and the Support Evidences
12:30 PM – 01:30 PM	Lunch Break
01:30 PM – 02:30 PM	Verifying the Audit Report and the Support Evidences
02:30 PM – 04:00 PM	Preparation of the Annual Audit Report
04:00 PM – 04:30 PM	Exit Meeting with the Principal and IQAC coordinator in Principal's Office

## **5. Department Profile**

### **5.1 About the Department**

The UG Department of Chemistry came into existence in 1945 at the intermediate level; Prof. M.V. John was the head of the department. B.Sc. degree course was introduced in 1957 and the first Head of the department was Prof. D.J. Sathiyathan, and the Golden Jubilee of our department was celebrated during the academic year 2006 – 2007. The Department has been guided by competent, honest, selfless and committed heads in the following order, Prof. D.J. Sathianathan, Prof. T. Thirumalai, Prof. S. Sivasubramanian, Prof. M. Walker Jothi, Dr. S. Theodore David and Dr. D. Seenikumar. At present, Prof. P. Muthuselvan is the head of the U.G Chemistry department.

The Post Graduate Department of Chemistry was started in 2009 by the efforts of Dr. S. Theodore David Manickam and the then secretary Dr. D. Seenikumar Selvanayagam to produce Post graduates to cater the needs of human resource required in Industries, National laboratories, R & D Labs, Pharmaceutical companies and Higher Education Institutes in India and abroad. At 2011, M. Phil course in Chemistry was introduced. There are 5 Staff Members involved in teaching. About 250 Students have been graduated in our department. The Department houses 2 Laboratories, 1 Store-room, 3 Classrooms and 1 Staff-room. The Students of PG Chemistry conveniently use the Department Library shelved with very recent books in many fields of Chemistry. Our department has been upgraded to research department in the year 2017. The Department has published more than 10 research papers in Chemistry Journals of National and International repute. The department follows the co-education pattern and vigorously engages in teaching, research and co-curricular activities to boost up and build careers of the students. Pass out students have been settled in various scientific organizations in India and abroad which indicates the global acceptance of our department.



## 5.2 Best Practices of the Department:

1. For the students, By the students.
2. Constructing the character.

## 5.3 Infrastructure in the Department

S. No.	Items	Verification (Yes/No)	Comments
1	No. of class rooms	Yes	5
2	No. of laboratories	Yes	2
3	Computers for teachers	Yes	Available
4	Computers for students & scholars	Yes	Available
5	Internet access and related software	Yes	Available
6	Uninterrupted Power Supply	Yes	Available
7	Water Supply	Yes	Available

## 5.4 Department Library Facilities

Area in sq. Ft.	Total No. of Books Available	Total No. of Journals Available	Total No. of Computer Systems with Internet Facilities
3420	917	-	2

## 6. Faculty Profile

Faculty Strength	Total Staff – 12 Men – 7 Women – 5
Qualification	Ph.D. – 6 NET – 01 SET – 02

### 6.1 List of the Faculty members in Aided stream

S. No.	Name of the Staff	Qualification	Designation and Responsibilities	Date of Joining	Area of Specialisation
1	Dr. P. Muthuselvan	M.Sc., M.Ed., M.Phil. Ph.D.	Head and Associate Professor	15/03/2000	Chemistry
2	Mrs. T.P. Evangelin Maribah	M.Sc., SLET	Assistant Professor	21/03/2001	Chemistry
3	Mr. P. Rajesh Ananthaselvan	M.Sc., M.E., NET.,	Assistant Professor, Bursar	30/08/2006	Chemistry
4	Mrs. J. Betsy Rathnabai	M.Sc., M.Phil., M.Ed.,	Assistant Professor	29/05/2009	Chemistry
5	Mrs. S. Hilda Mabel	M.Sc., M.Phil., M.Ed.,	Assistant Professor	29/05/2009	Chemistry
6	Dr. J. Winfred Jebaraj	M.Sc., M.Phil, Ph.D.	Assistant Professor	21/03/2014	Chemistry
7	Mr. D. Jim Livingston	M.Sc., M.Phil. SET	Assistant Professor	23/04/2014	Chemistry

### 6.2 List of the Faculty members in Un - Aided stream

S. No.	Name of the Staff	Qualification	Designation and Responsibilities	Date of Joining	Area of Specialisation
1	Dr. S. Asha Jebamary	M.Sc., M.Phil., Ph.D	Assistant Professor & Head	01/08/2009	Inorganic Chemistry
2	Dr. R. Biju Bennie	M.Sc., M.Phil.,Ph.D	Assistant Professor	06/12/2010	Physical Chemistry
3	Dr. C. Joel	M.Sc., M.Phil.,Ph.D	Assistant Professor	08/12/2011	Inorganic Chemistry
4	Dr. D.S. Ivan Jebakumar	M.Sc., M.Phil.,Ph.D	Assistant Professor	01/12/2010	Physical Chemistry
5	Mr. A. Nirmal Paul Raj	M.Sc., M.Phil.,Ph.D	Assistant Professor	01/12/2011	Organic Chemistry

### 6.3 Research and Consultancy

1. Biological evaluation of a novel amino acid-based macrocyclic Mn(III) and Fe(III) complexes, Appl. Organometal. Chem. 2018;32:e4516.

### 6.4 List of the Faculty members, based on API score

S. No.	Name of the Faculty	Designation	API Score
1	Dr. P. Muthuselvan	Associate Professor & Head	538.7
2	Mrs. T.P. Evangelin Maribah	Assistant Professor	360.0
3	Mr. P. Rajesh Ananthaselvan	Assistant Professor	738.0
4	Mrs. J. Betsy Rathnabai	Assistant Professor	309.5
5	Mrs. S. Hilda Mabel	Assistant Professor	119.3
6	Dr. J. Winfred Jebaraj	Assistant Professor	
7	Mr. D. Jim Livingston	Assistant Professor	191.0
8	Dr. S. Asha Jebamary	Assistant Professor & Head	213.7
9	Dr. R. Biju Bennie	Assistant Professor	439.6
10	Dr. C. Joel	Assistant Professor	373.6
11	Dr. D.S. Ivan Jebakumar	Assistant Professor	74.2
12	Mr. A. Nirmal Paul Raj	Assistant Professor	128.9

## 7. Students' Profile

### 7.1 Student's Statistics for the year 2017-2018

The students are admitted on each course based on the Government schemes of reservation.

The community wise student's statistics are given below:

ACADEMIC YEAR 2017-2018																			
COURSE	OTHER THAN MINORITY														Minority		Muslim		TOTAL
	SC		SCA		ST		BC		DNC		MBC		OC		M	F	M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
I.B.sc chemistry	2	0	0	0	0	2	2	6	0	0	2	2	5	3	15	11	0	0	48
II.B.sc chemistry	2	0	0	0	1	1	6	2	0	0	2	2	4	4	13	11	0	0	48
III.B.sc chemistry	3	0	0	0	0	1	7	4	0	0	1	3	3	4	14	8	0	0	48

Course	SC	ST	OBC	OC	Minority	Total
I M.Sc. (SF)	0	0	2	0	1	3
II M.Sc. (SF)	1	0	1	0	1	3
M.Phil. (S.F)	0	0	0	0	0	0

### 7.2 List of the student representatives

Course	Name of student representative
I B.Sc.	J. Sudalaimuthu
II B.Sc.	R. Deivendran
III B.Sc.	U. Sri Haribabu
I M.Sc. (SF)	Praveen Daniel
II M.Sc. (SF)	Selva Ganapathy
M.Phil (SF)	-

### 7.3 List of Ongoing Scholars under Supervisor

S.No	Name of the scholar with Reg. Number	Name of the supervisor	Full time / Part time	Date of commencement
1	A. Solomom Ravi	Dr. P. Muthuselvan M.Sc., M.Phil., Ph.D	Full time	13.08.2017
2.	T. Sasitha	Dr. J. Winfred Jebaraj M.Sc., M.Phil., Ph.D	Full Time	10.01.2018

### 7.4 Placement Details

Programme Name	Batch	Number of students passed in final year examination	Number of students enrolled into higher education	Number of students placed in jobs
B.Sc.	2015 – 2018	32	10	07
M.Sc.	2016 – 2018	1	1	1
M.Phil.	2016 – 2017	9	1	4

## 8. Curriculum

Manonmamiam Sundaranar University has introduced Semester Based Credit and Grading System from the academic year 2011-2012 onwards. As per Semester Based Credit and Grading System, each module of an academic program has been assigned specific credit points and also has ascertain scheme of learner evaluation as well as certain specific criteria defining successful completion. The department follows the guidelines in respect to curricula given Manonmaniam Sundaranar University and its statutory bodies. The syllabus is being revised once in every three years.

The Programme Structure of the B.Sc., M.Sc., and M. Phil Chemistry are mentioned below.

## 8.1 UG Programme Structure

Semester	Course code	Course Name	IM	EM	TM	H	C
I	SMCH11	Inorganic Chemistry	25	75	100	4	4
	SMCH21	Physical Chemistry	25	75	100	4	4
	SEVS11	Environmental Studies	25	75	100	2	2
	SAPH11	Allied Physics I	25	75	100	4	4
	SMCHP1	Inorganic Chemistry Practical I	50	50	100	3	3
II	SMCH12	Inorganic Chemistry II	25	75	100	4	4
	SMCH22	Organic Chemistry I	25	75	100	4	4
	SMCHP2	Inorganic Chemistry Practical II	50	50	100	3	3
	SVBE21	Valued Based Education	25	75	100	2	2
	SAPH21	Allied Physics II	25	75	100	4	4
III	JMCH31	Organic Chemistry	25	75	100	4	4
	JSCH3B	Food Chemistry	25	75	100	4	4
	JAMA11	Allied Maths I	25	75	100	4	4
IV	JMCH41	Physical Chemistry II	25	75	100	4	4
	JSCH4B	Chemistry in Medicine	25	75	100	4	4
	JAMA21	Allied Maths II	25	75	100	2	2
	JMCHP2	Inorganic Qual. Analysis	40	60	100	3	3
V	GMCH51	Organic Chemistry III	25	75	100	5	4
	GMCH52	Physical Chemistry III	25	75	100	5	4
	GMCH5A	Polymer Chemistry	25	75	100	4	4
	GMCH5C	Analytical Chemistry	25	75	100	4	4
	GCSB5A	Personality Development	25	75	100	2	2
VI	GMCH62	Organic Chemistry IV	25	75	100	5	4
	GMCH61	Inorganic Chemistry III	25	75	100	4	4
	GMCH63	Physical Chemistry IV	25	75	100	5	4
	GMCH6B	Applied Chemistry	25	75	100	2	2
	GMCHP3	Practical	40	60	100	4	4

IM – Internal Marks, EM – External Marks, TM – Total Marks, H – Hours/week, C – Credits.

## 8.2 PG Programme Structure

Semester	Course Code	Course Name	IM	EM	H	C
<b>I</b>	PCHM11	Organic Chemistry I	25	75	5	5
	PCHM12	Inorganic Chemistry I	25	75	5	5
	PCHM13	Physical Chemistry I	25	75	5	5
	PCHE11	Advanced Topics I	25	75	4	3
	PCHL11	Organic Chemistry Practicals I	50	50	4	4
	PCHL12	Inorganic Chemistry Practicals I	50	50	4	4
	PCHL13	Physical Chemistry Practicals I	50	50	4	4
<b>II</b>	PCHM21	Organic Chemistry II	25	75	6	5
	PCHM22	Inorganic Chemistry II	25	75	6	5
	PCHM23	Physical Chemistry II	25	75	6	5
	PCHL21	Organic Chemistry Practicals II	50	50	4	4
	PCHL22	Inorganic Chemistry Practicals II	50	50	4	4
	PCHL23	Physical Chemistry Practicals II	50	50	4	4
	PCHE21	Advanced Topics II	25	75	4	3
<b>III</b>	KCHM31	Organic Chemistry III	25	75	5	5
	KCHM32	Inorganic Chemistry III	25	75	5	5
	KCHM33	Physical Chemistry III	25	75	5	5
	KCHL31	Organic Chemistry Practicals III	50	50	4	4
	KCHL32	Inorganic Chemistry Practicals III	50	50	4	4
	KCHL33	Physical Chemistry Practicals III	50	50	4	4
<b>IV</b>	KCHM41	Organic Chemistry IV	25	75	6	5
	KCHM42	Inorganic Chemistry IV	25	75	6	5
	KCHM43	Physical Chemistry IV	25	75	6	5
	KCHL41	Organic Chemistry Practicals IV	50	50	4	4
	KCHL42	Inorganic Chemistry Practicals IV	50	50	4	4
	KCHL43	Physical Chemistry Practicals IV	50	50	4	4
	KCHP41	Project	50	50	6	3

IM – Internal Marks, EM – External Marks, TM – Total Marks, H – Hours/week, C – Credits.

## 8.3 M.Phil. Programme Structure

Semester	Course code	Course Name	IM	EM	TM	H	C
<b>I</b>	PCHP11	Scientific Research Methodology	25	75	100	4	4
	PCHC12	Course work	25	75	100	4	4
<b>II</b>	HCHC21	Review of scientific literature	25	75	100	4	4
	HCHC2D	Project and viva voce	75	75	150	4	4

IM – Internal Marks, EM – External Marks, TM – Total Marks, H – Hours/week, C – Credits.

#### 8.4 Course Evaluation Pattern

This program is under Choice Based Credit System of the University. Each paper is evaluated for 100 marks with Internal 25 marks and External 75 marks. The duration of the examination is 1 hour for internal assessment test and 3 hours for external examination.

The pattern for internal assessment and the external examination are as follows:

##### For UG courses

Internal Evaluation Pattern		External Evaluation Pattern	
Average of Best of two from three internal assessment test	= 20	Section A (10x1=10)	= 10
		Section B (5x5=25)	= 25
Assignments/Seminars	= 05	Section C (5x8=40)	= 40
Total Marks	= 25	Total	= 75

##### For PG and M.Phil. Courses

Internal Evaluation Pattern		External Evaluation Pattern		Project Evaluation Pattern	
Average of Best of two from three internal assessment test	= 15	Section A (10x1=10)	= 10	Continuous Internal Assessment Marks	75
Assignments	= 05	Section B (5x5=25)	= 25	Viva-Voce	75
Seminars	= 05	Section C (5x8=40)	= 40		
Total Marks	= 25	Total	= 75	Total Marks	150

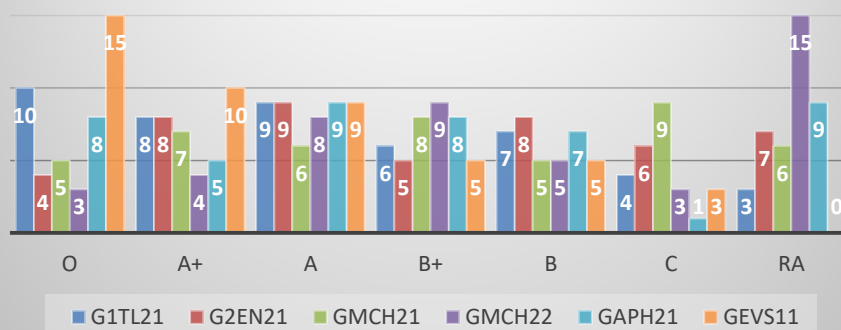
#### 8.5 Result Analysis

External examinations are conducted by Manonmaniam Sundaranar University and the corresponding results are declared after evaluation. The subject-wise result analysis is made by course instructors which will be helpful to understand the quality of classroom teaching and observation about each course.

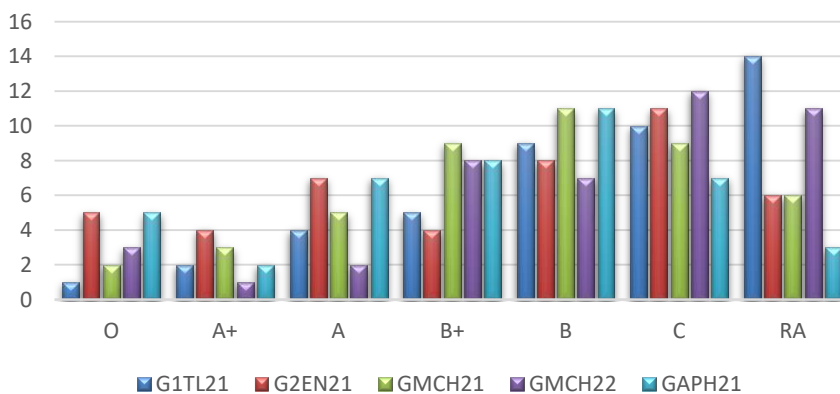
The analysis of the result for University examinations for the academic year 2017-2018 are represented graphically:



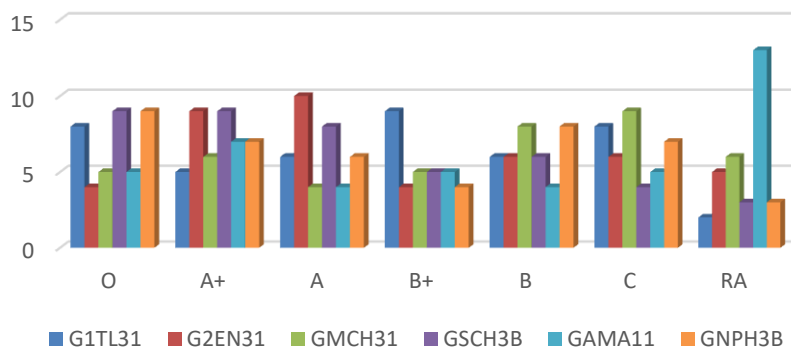
**Result Analysis NOVEMBER 2017  
B. Sc. chemistry SEMESTER I**

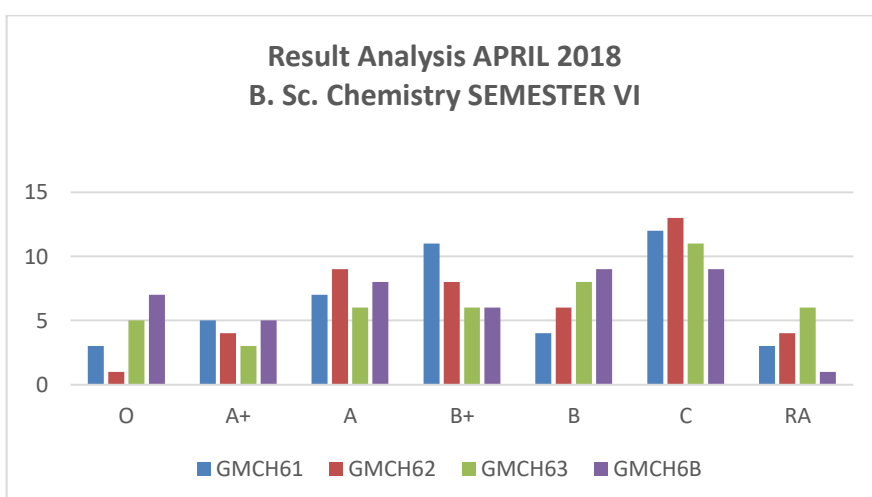
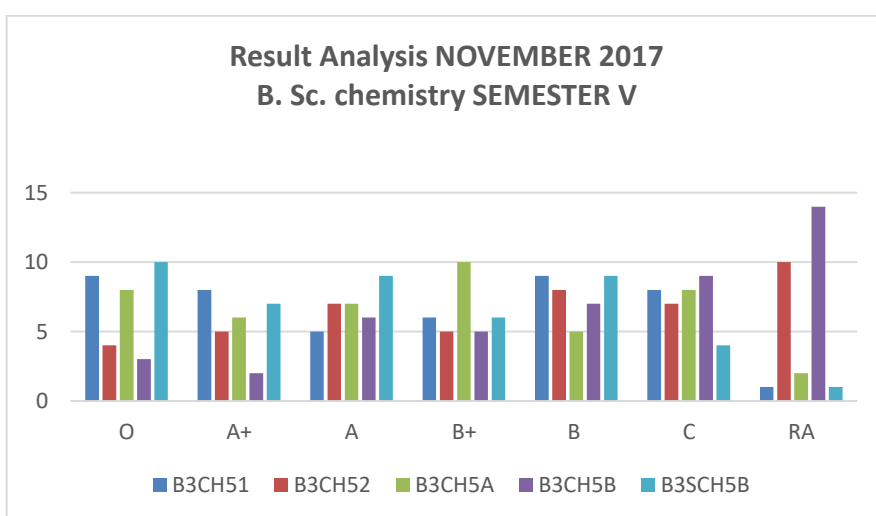
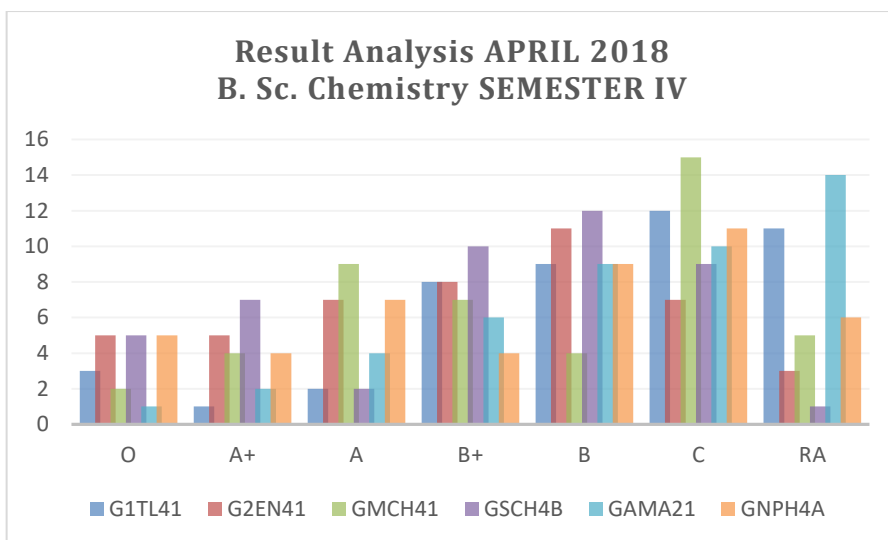


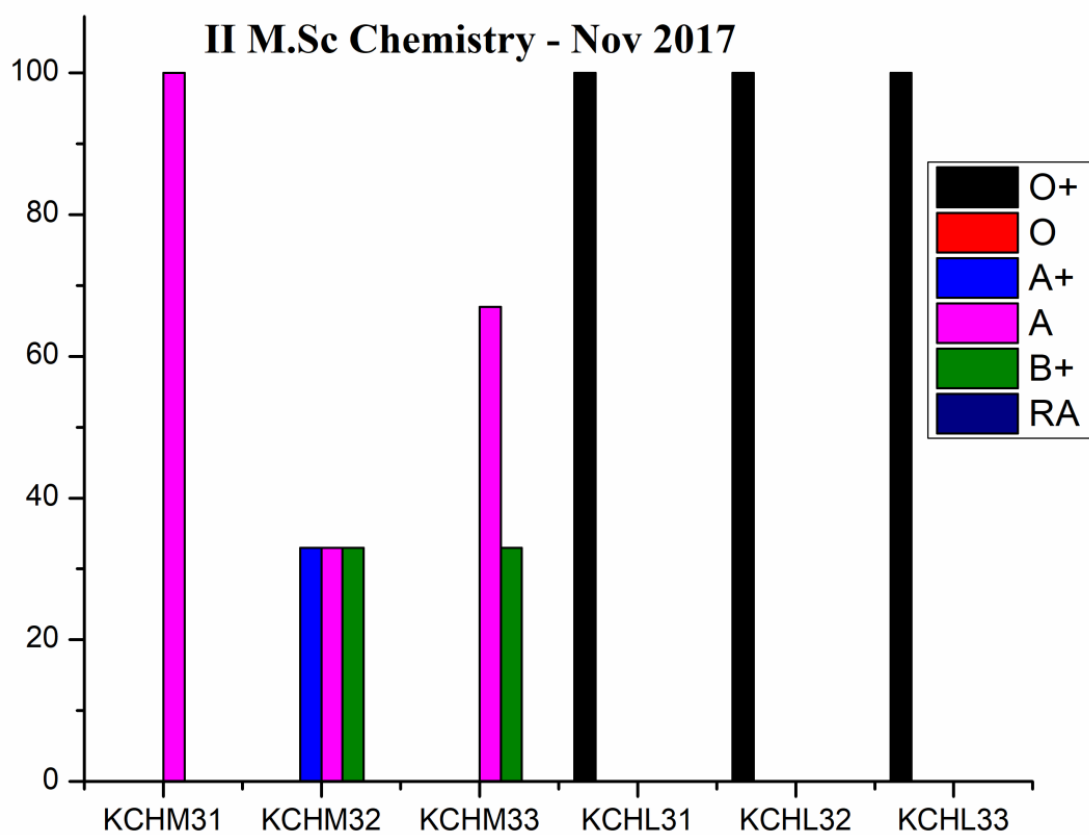
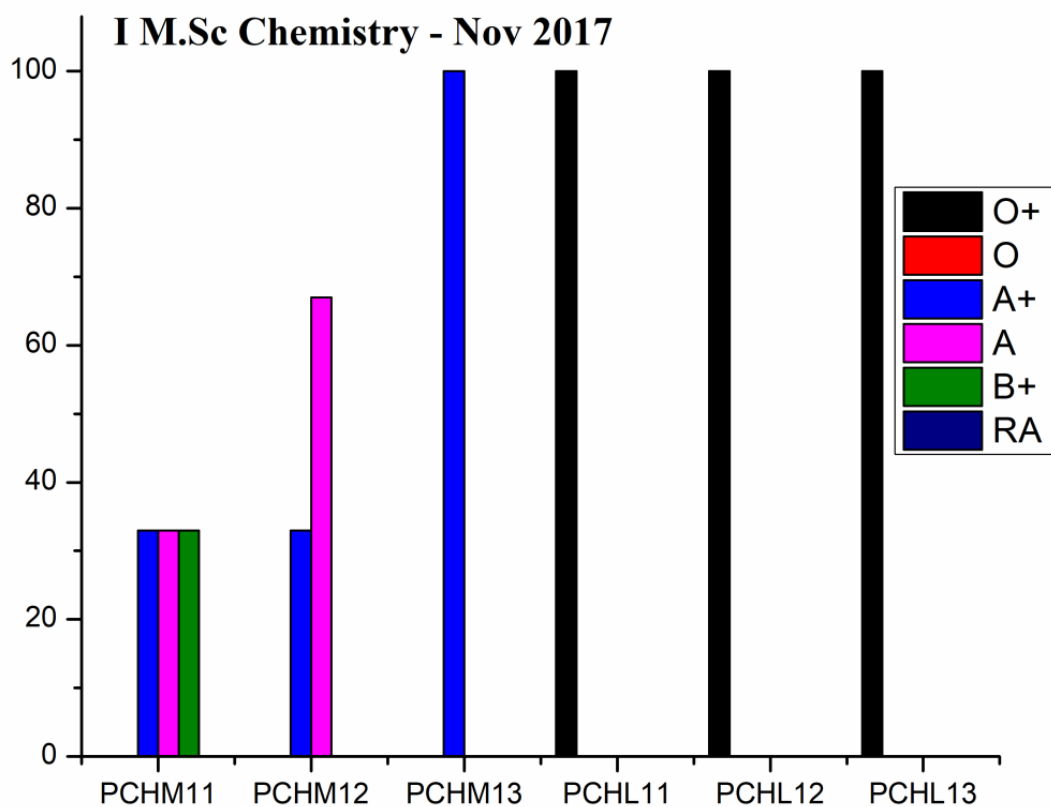
**Result Analysis APRIL 2018  
B. Sc. Chemistry SEMESTER II**

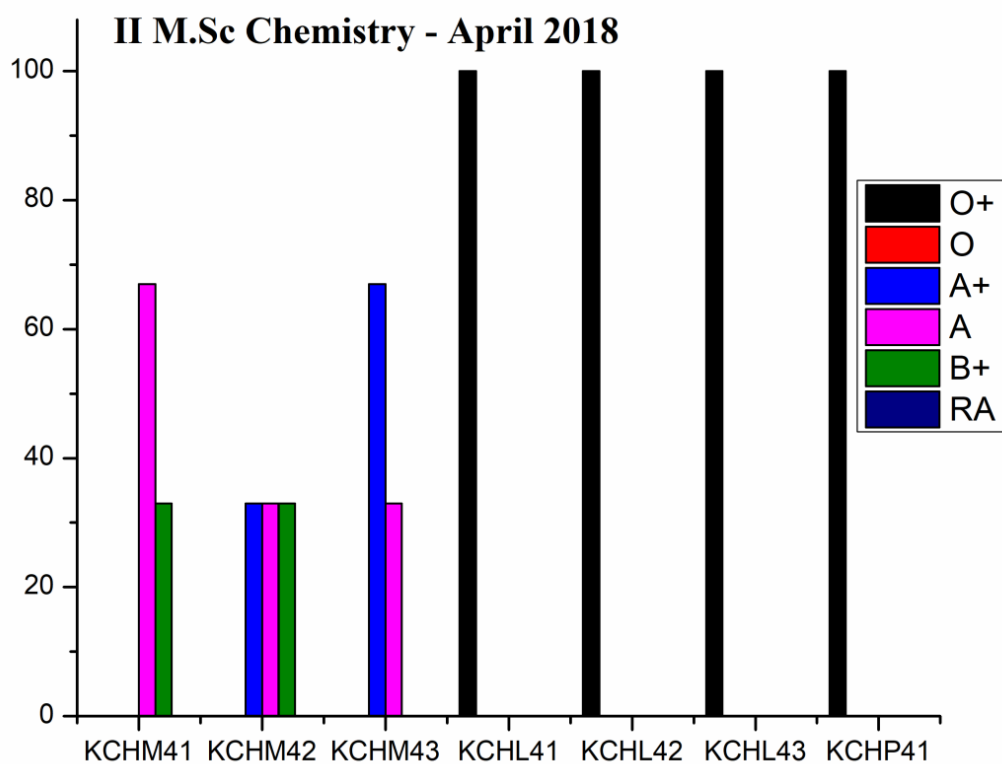
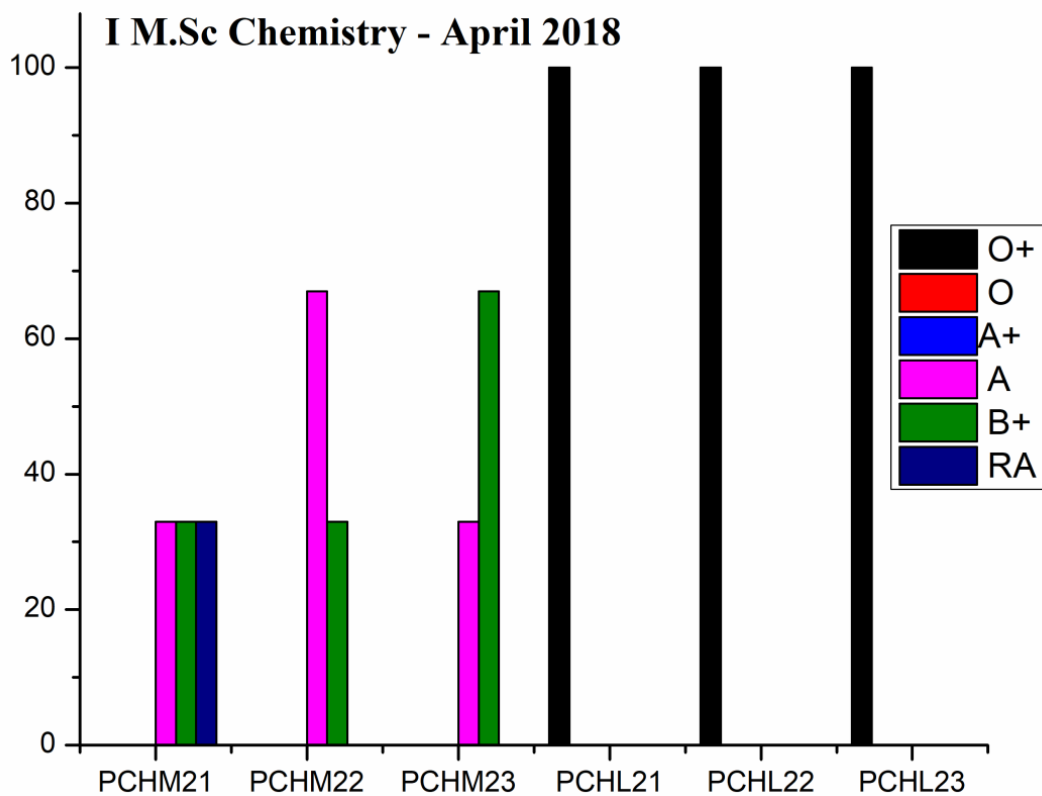


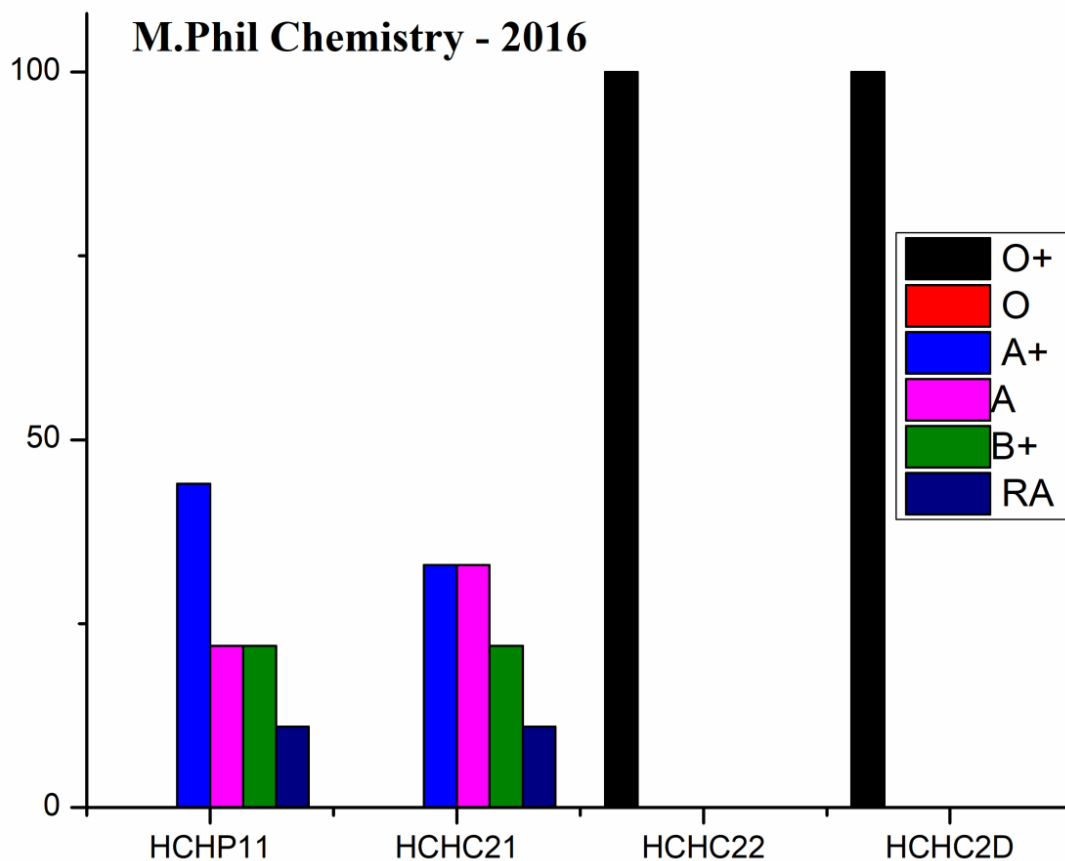
**Result Analysis NOVEMBER 2017  
B. Sc. chemistry SEMESTER III**











The details of outgoing students that are appeared as well as passed in the April 2019 University examinations, are given in the below table:

Course	Batch	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
B.Sc.	2015 – 2018	45	33	73.30
M.Sc.	2016 – 2018	03	01	33.33
M.Phil.	2016 – 2017	09	09	100.00

## **9. Outcome**

### **Outcome of the students meeting**

- Students felt that the infrastructure provided by the college and department is GOOD.
- The rules and regulations of the department were appreciated.
- They felt that the Staffs of the department are having best expertise and experience and are handling classes in a very interactive way.
- Curriculum was well appreciated.
- Students from un-aided stream are not given access to Digital Library.
- Very minimal participation in extra-curricular activities for PG students.
- Wifi bandwidth is not sufficient.
- Lunch room with water is expected in every block.
- Students retiring room is not sufficient.
- Girl students are expected more facilities in their retiring room.
- Syllabus is advanced but heavy; students can understand the course only with the help of the course instructors.
- Importance is not given for communication and skilled based classes.

### **Outcome of the Faculty meeting**

- They felt very proud to serve for this institution.
- They felt satisfied with the pay package.
- EPF contribution was also appreciated.
- Friendly and professional academic environment created by HOD was well appreciated.

## **10. Overall assessment**

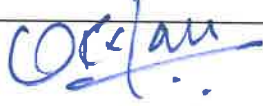
- The evaluation process followed by the department is good.
- Course academic plan and implementation are recorded properly.
- Uniform for students is a good practice.
- Curriculum is having a good impact on the outcome of the students.
- Library facility in the department is quite good.
- Guest Professors in un-aided stream is appreciable.
- Number of Text books at library is not sufficient.
- Wi-fi bandwidth is too low.



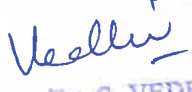


- Web site of the college is frequently updated.
- Publications and participations in FDP, seminars, conferences and workshops by faculty members are minimal.
- To complete 90 working days for first semester students is not feasible because of the admission procedure.

### 11. Suggestions

- More number of text book volumes has to be purchased.
- More Indexed journals at least Scopus indexed to be subscribed.
- Publications and participations in FDP, seminars, conferences and workshops by faculty members are to be increased.
- Paid leaves should be given to the faculty members to attend FDP, seminars, conferences and workshops.
- Incentives may be given to the faculty by the management for publishing papers and producing 100% results.
- External funded research projects to be taken up by the faculty members.
- Students may be motivated to write online exams (like IIT JAM, NET, SET, etc.,) for better placements.
- Syllabus for Research domain and self-learning courses may be clearly defined and it may include more areas.
- Importance has to be given for communication and soft skills classes.
- Library facility is very good and there is a vast scope of development; but the students under unaided stream should be allowed to access the general library.

### 12. Signature of the academic audit panel members

<p><b>Chair Person</b></p> <p>Dr. P. Muthuselvan M.Sc., M.Phil., Ph.D. Associate Professor of Chemistry, St. John's College, Palayamkottai 627 002, Tamil Nadu. Mob.: 9443507355 e-mail id: jackmuthu66@gmail.com</p>	 <p><b>Dr. P. MUTHUSELVAN</b> M.Sc. M.Phil. Ph.D. HEAD, DEPARTMENT OF CHEMISTRY ST. JOHNS COLLEGE PALAYAMKOTTAI - 627 002</p>
---	---

<p><b>Co-ordinator</b> Mr. D. Jim Livingston M.Sc. M.Phil., Assistant Professor of Chemistry, St. John's College, Palayamkottai 627 002, Tamil Nadu. Mob.: +91 9994704580, e-mail id: <a href="mailto:jenyjim@gmail.com">jenyjim@gmail.com</a></p>	 <b>D. Jim Livingston, M.Sc., M.Phil.,</b> Assistant Professor Department of Chemistry St. John's College Palayamkottai - 627002
<p><b>Subject Expert -1</b> Dr. Gomathi Nayagam, Associate Professor, Dept. of Chemistry, MDT Hindu College, Tirunelveli, Tamil Nadu. Mobile No: 9442328434 E-mail: <a href="mailto:venkatesh_77@yahoo.co.in">venkatesh_77@yahoo.co.in</a></p>	 <b>Dr. V. GOMATHINAYAGAM, M.Sc., M.Phil., Ph.D.</b> Assistant Professor of Chemistry The M.D.T. Hindu College, Tirunelveli - 10,
<p><b>Subject Expert - 2</b> Dr. C. Vedhi, Associate Professor, Dept. of Chemistry, VOC College, Tuticorin, Tuticorin dist, Tamil Nadu. Mobile No: 9092368104 E mail: <a href="mailto:cvedhi@rediffmail.com">cvedhi@rediffmail.com</a></p>	 <b>Dr. C. VEDHI, M.Sc., Ph.D.</b> ASSISTANT PROFESSOR DEPARTMENT OF CHEMISTRY V.O. CHIDAMBARAM COLLEGE THOOTHUKUDI - 628 008, TAMILNADU, INDIA
<p><b>Industrial Expert</b> Mr. B. Raman, Senior Chemist, RKM Powergen Pvt Ltd., Chattisgarh 495692. Mobile: 9003985904 Email: <a href="mailto:raman713@gmail.com">raman713@gmail.com</a></p>	 



**IQAC Coordinator**

**Dr A. Arulgnanam**  
**IQAC COORDINATOR**  
**ST JOHN'S COLLEGE**  
**PALAYAMKOTTAI**



**Principal**  
**PRINCIPAL**  
**St. JOHN'S COLLEGE**  
**PALAYAMKOTTAI - 627 002**





**ST. JOHN'S COLLEGE PALAYAMKOTTAI  
TIRUNELVELI – 627 002**

[sjc1878@stjohnscollege.edu.in](mailto:sjc1878@stjohnscollege.edu.in), [www.stjohnscollege.edu.in](http://www.stjohnscollege.edu.in)



# **Annual Academic Audit Report**

---

**2017-18**

**Department of Botany**

**5<sup>th</sup> & 6<sup>th</sup> March 2018**

## Table of Contents

1. Introduction.....	1
2. Objectives of Academic Auditing: .....	1
3. Academic Audit Panel Members .....	2
4. Schedule of the Annual Academic Audit .....	3
5. Department Profile.....	4
5.1 About the Department.....	4
5.2 Best Practices of the Department.....	5
5.3 Infrastructure in the Department .....	5
5.4 Department Library Facilities .....	5
6. Faculty profile.....	5
6.1 List of Faculty Members.....	6
6.2 Research & Consultancy Projects and Publications .....	7
6.3 List of the Faculty members, based on API score .....	12
7. Student's Profile .....	12
7.1 Student's Statistics for the year 2017-2018 .....	12
7.2 List of the student representatives .....	13
7.3 List of Ongoing Scholars under Supervisor.....	13
7.4 Placement Details .....	13
7.5 Student Activities.....	14
8. Curriculum.....	15
8.1 UG Programme Structure .....	15
8.2 PG Programme Structure.....	18
8.3 Course Evaluation Pattern .....	20
8.4 Result Analysis .....	20
9. Outcome.....	31
10. Overall assessment.....	32
11. Suggestions .....	33
12. Signature of the Academic Audit Panel Members.....	33

**DEPARTMENT OF BOTANY**  
**Academic Audit Report 2017-2018**

**1. Introduction**

The process of Academic Auditing intends to monitor and enhance the quality of science education through proper guidelines for both teaching faculty and students, so as to ensure qualified students/researchers passing out from the department. It presents the objectives of academic auditing, the process of internal and external evaluation of courses, major/miniprojects, seminars, overall discipline and academic functioning of the department, duties and responsibilities of faculty members, research and consultancy and class/course committees. The Annual Academic Audit of the Department was conducted on 5<sup>th</sup> and 6<sup>th</sup> March 2018.

**2. Objectives of Academic Auditing:**

- (i) To define quality of each component of the functionalities.
- (ii) To define effectiveness of teaching – learning process.
- (iii) To devise methodology to confirm maximum output from faculty members as well as students.
- (iv) To ensure academic accountability and quality of technical education through proper guidelines for both teaching faculty and students/researchers.
- (v) To consolidate the report and put forth the suggestions and area of improvements possible in the future.

### **3. Academic Audit Panel Members**

The Name, Designation and Address of Academic Audit Experts are given in detail:

#### **Chair Person**

Dr. S. Abraham Muthukumar  
Head, Department of Botany and Research Center,  
St John's College, Palayamkottai,  
Tirunelveli- 627002.  
Mob.: +91 7598465124, e-mail id:abrahammuthukumar@gmail.com

#### **Subject Expert-1**

Dr. K. Dharmar  
Associate Professor  
Department of Botany,  
Pasumpon Thiru Muthuramalinga Thevar Memorial College,  
Kamuthi, Ramanathapuram District.  
Mob.: +91 9443503439, e-mail id:

#### **Subject Expert-2**

Dr. A. Saravana Ganthi,  
Head and Assistant Professor,  
Department of Botany,  
Rani Anna Government College for Women,  
Tirunelveli-7.  
Mob.: +91 9442908041, e-mail id:saran.gan@rediffmail.com

#### **Industry Expert**

Mrs. T. Jasmine Dorathy  
Agriculture Officer  
Agriculture Department  
Tirunelveli.  
Mob.: +91 9488882478, e-mail id: profstalinalaxis@gmail.com

#### **Co-ordinator**

Mr. A. Pauldurai Samraj,  
Assistant Professor  
Department of Botany,  
St. John's College,  
Tirunelveli- 627002.  
Mob.: +91 9788928411, e-mail id: paulduraisamraj@gmail.com

#### 4. Schedule of the Annual Academic Audit

##### Schedule of the Academic Audit (2017- 2018)

###### Day I (05.03.2018)

Time	Activity
9.30am to 10.00am	Entry meeting of the panel with the principal and IQAC coordinator in Principal's office.
10.15am to 11.15am	Department presentation in the Department along with IQAC coordinator and the panel.
11.15am to 11.30am	Tea break
11.30am to 12.30 pm	Meeting the staff.
12.30pm to 1.30pm	Lunch break
1.30pm to 2pm	Meeting the Research Scholars
2pm to 2.30pm	Meeting the PG students
2.30pm to 3pm	Meeting the UG students
3pm to 3.15pm	Tea break
3.15pm to 4.30pm	Meeting the student leaders.

###### Day II (06.03.2018)

Time	Activity
9.30am to 10.30am	Visiting the Infrastructure
10.30am to 11.15am	Verifying the audit report and the supporting evidences
11.15am to 11.30am	Tea break
11.30am to 12.30pm	Verifying the audit report and the supporting evidences.
12.30pm to 1.30pm	Lunch break
1.30pm to 3.30pm	Preparation of the audit report by the Panel
3.30pm to 4.30pm	Exit meeting with principal and IQAC Coordinator.

## **5. Department Profile**

### **5.1 About the Department**

The Department of Botany of St. John's College is one of the oldest departments in the College. In 1959, taking into account the growing demand of the students to study Botany, as a major subject, UG in Botany was introduced. The Department of Botany was able to produce a number of University rank holders each year in the Madras University and then in the Madurai Kamaraj University in the early days.

Post-Graduation course (M.Sc) in Botany was introduced in 1981. St. John's was the third college in the Madurai University area and was the first college in the southern districts to offer M.Sc., degree in Botany.

The department is furnished with a good range of academic text books, journals and laboratory equipments. They are utilized for the research activities of both the students and staff members. It has a botanical garden as a Centre for ex-situ conservation (established in 2002). Medicinal plants and many endemic plants are conserved in the botanical garden. The department has conducted many seminars sponsored by various funding agencies such as UGC, DO En and AIACHE. The Department has organised several programmes on Environmental awareness and Eco conservation, Environmental Education for College Teachers and UGC Career Oriented Courses in Herbal Medicine.

The Department of Botany was upgraded as Research Centre in 2007. The faculty members continuously engage themselves in various research activities and participate in seminars and symposia at regional national and International level.

#### **Milestones of the Department**

- B. Sc Botany Course was established in 1959.
- M. Sc Botany Course was established in 1981.
- Department of Botany was upgraded as a Research Centre in 2007.

## 5.2 Best Practices of the Department

1. For The Student By The Student.
2. Constructing The Character.

## 5.3 Infrastructure in the Department

S. No.	Items	Verification (Yes/No)	Comments
1	No. Of class rooms	Yes	Five
2	No. Of laboratories	Yes	Two
3	No. of Research Laboratories	Yes	Two
4	Computers for teachers	Yes	One
5	Computers for students & scholars	Yes	Two
6	Internet access and related software	Yes	Available
7	Uninterrupted Power Supply	Yes	Available
	Water Supply	Yes	Available

## 5.4 Department Library Facilities

Area in sq. Ft.	Total No. of Books Available	Total No. of Journals Available	Total No. of Computer Systems with Internet Facilities
766	1910	11	1

## 6. Faculty profile

Faculty strength	Total staff – 11 Regular – 09, Ad hoc – 2 Men (R) – 7 Women (R) – 4
Qualification	Ph. D (R) - 7, Ph. D pursuing – 3 M. Sc., M. Phil – 1
NET/SET Qualified	SET/NET (R) – 1 Ad hoc – Nil

### 6.1 List of Faculty Members

S. No.	Name of the staff	Designation	Qualification	Roles & Responsibilities	Date of joining	Teaching experience in years
1.	Dr. S. Abraham Muthukuamr	Associate Professor	M.Sc., M.Phil., Ph.D	HOD Research Supervisor NAAC Award Committee Discipline Committee	13/12/1995	22
2.	Dr. P. Annie Sulochana Selvakumari	Associate Professor	M.Sc., SET, Ph. D	-	17/06/1996	21
3.	Dr. R. Selvakumari	Associate Professor	M.Sc., M.Phil., Ph.D	Research Supervisor. Warden, Sharon Hostel, SJC. Women's Grievances Cell and Redressal Cell.	09/02/1998	19
4.	Dr. D. Amish Abraham	Associate Professor	M.Sc., M.Phil., Ph.D M.A., B.Ed.,	Research Supervisor	21/06/1999	18
5.	Mrs. P.Kannimozhi Celina	Assistant Professor	M.Sc., M.Phil.,	Chaplain	30/08/2006	11
6.	Mr. A. Pauldurai Samraj	Assistant Professor	M.Sc., M.Phil.,	IQAC Department Co-ordinator Nature Club Co-ordinator	29/08/2006	11
7.	Mr. S. Paul David Selson	Assistant Professor	M.Sc., M.Phil.	Co-ordinator in Environment Club and Botany Association	29/05/2009	08
8.	Dr. D. Abiya Chellaiah	Assistant Professor	M.Sc., Ph.D. GATE (09,10) SLET (2016)	Assistant Co-ordinator, IQAC. Co-ordinator, Criteria 7, NAAC. Web Master, St.John's College. Co-ordinator in Green Audit, Environmental Audit, Hygiene Audit, Energy Audit and Green Campus Audit.	17/10/2016	01
9.	Dr. M. Amutha	Assistant Professor	M.Sc., M.Phil., Ph.D PGDHS, PGDCA	-	04/10/2017	-



10.	Mr. V.K. Stanley Raja	Assistant Professor (Ad hoc)	M.Sc., M.Phil.,	-	01/07/2016	01
11.	Mr. S. Darwin Paul Edison	Assistant Professor (Ad hoc)	M.Sc., Botany M.Sc (Env. Biotech), M.Sc., Psychology MA(Eng), MA(Soci.), B.Ed	Co-ordinator Examination cell, Department of Botany. Assistant Co-ordinator, Tamil Nadu open University. Assistant Co-ordinator, Environment Club. Co-ordinator in Green Audit, Hygiene Audit, Green Campus Audit and Environmental audit.	01/07/2016	01

## 6.2 Research & Consultancy Projects and Publications

1. **Stanley Raja V.K.** and **Abraham Muthukumar S.** Growth and economic traits of silkworm *Bombyx mori* L. reared on mulberry leaves fortified with *Spirulina meneghiniana*. *Proceedings of the national conference on climate change and sustainable environment* 141-147, 2018.

### Books Published as an Author- Dr. AbiyaChelliah:

- AshooKalra, S.Latha, B.Vijayalakshmi, **Dr. AbiyaChelliah.** 2017. **PEARSON EDUCATION ACTIVETEACH CREST: INTEGRATED BOOK FOR CBSE/STATE BOARD CLASS- 3, TERM- 1.** Pearson Longman, New Delhi. ISBN No.9789352861996
- AshooKalra, S.Latha, B.Vijayalakshmi, **Dr. AbiyaChelliah.** 2017. **PEARSON EDUCATION ACTIVETEACH CREST: INTEGRATED BOOK FOR CBSE/STATE BOARD CLASS- 3, TERM- 2.** Pearson Longman, New Delhi. ISBN No.9789352862009
- AshooKalra, S.Latha, B.Vijayalakshmi, **Dr. AbiyaChelliah.** 2017. **PEARSON EDUCATION ACTIVETEACH CRYSTAL: INTEGRATED BOOK FOR CBSE/STATE BOARD CLASS- 3, SEM- 1.** Pearson Longman, New Delhi. ISBN No.9789352863686
- AshooKalra, S.Latha, B.Vijayalakshmi, **Dr. AbiyaChelliah.** 2017. **PEARSON EDUCATION ACTIVETEACH CRYSTAL: INTEGRATED BOOK FOR CBSE/STATE BOARD CLASS- 3, SEM- 2.** Pearson Longman, New Delhi. ISBN No.9789352863693

- AshooKalra, S.Latha, B.Vijayalakshmi, **Dr. AbiyaChelliah**. 2017. **PEARSON EDUCATION ACTIVETEACH CREST: INTEGRATED BOOK FOR CBSE/STATE BOARD CLASS- 3, TERM- 3**. Pearson Longman, New Delhi.ISBN No.9789352862016
- AshooKalra, S.Latha, B.Vijayalakshmi, **Dr. AbiyaChelliah**. 2017. **PEARSON EDUCATION ACTIVETEACH CREST: INTEGRATED BOOK FOR CBSE/STATE BOARD CLASS- 4, TERM- 1**. Pearson Longman, New Delhi. ISBN No.9789352861477
- AshooKalra, S.Latha, B.Vijayalakshmi, **Dr. AbiyaChelliah**. 2017. **PEARSON EDUCATION ACTIVETEACH CREST: INTEGRATED BOOK FOR CBSE/STATE BOARD CLASS- 4, TERM- 2**. Pearson Longman, New Delhi.ISBN No.9789352861484
- AshooKalra, S.Latha, B.Vijayalakshmi, **Dr. AbiyaChelliah**. 2017. **PEARSON EDUCATION ACTIVETEACH CREST: INTEGRATED BOOK FOR CBSE/STATE BOARD CLASS- 4, TERM- 3**. Pearson Longman, New Delhi.ISBN No.9789352861491
- AshooKalra, S.Latha, B.Vijayalakshmi, **Dr. AbiyaChelliah**. 2017. **PEARSON EDUCATION ACTIVETEACH CRYSTAL: INTEGRATED BOOK FOR CBSE/STATE BOARD CLASS- 4, SEM- 1**. Pearson Longman, New Delhi. ISBN No.9789352863709
- AshooKalra, S.Latha, B.Vijayalakshmi, **Dr. AbiyaChelliah**. 2017. **PEARSON EDUCATION ACTIVETEACH CRYSTAL: INTEGRATED BOOK FOR CBSE/STATE BOARD CLASS- 4, SEM- 2**. Pearson Longman, New Delhi. ISBN No.9789352863716
- AshooKalra, S.Latha, B.Vijayalakshmi,**Dr. AbiyaChelliah**. 2017. **PEARSON EDUCATION ACTIVETEACH CREST: INTEGRATED BOOK FOR CBSE/STATE BOARD CLASS- 5, TERM- 1**. Pearson Longman, New Delhi.ISBN No.9789352862023
- AshooKalra, S.Latha, B.Vijayalakshmi, **Dr. AbiyaChelliah**. 2017. **PEARSON EDUCATION ACTIVETEACH CREST: INTEGRATED BOOK FOR CBSE/STATE BOARD CLASS- 5, TERM- 2**. Pearson Longman, New Delhi.ISBN No.9789352862030
- AshooKalra, S.Latha, B.Vijayalakshmi, **Dr. AbiyaChelliah**. 2017. **PEARSON EDUCATION ACTIVETEACH CREST: INTEGRATED BOOK FOR CBSE/STATE BOARD CLASS- 5, TERM- 3**. Pearson Longman, New Delhi.ISBN No.9789352862047
- AshooKalra, S.Latha, B.Vijayalakshmi, **Dr. AbiyaChelliah**. 2017. **PEARSON EDUCATION ACTIVETEACH CRYSTAL: INTEGRATED BOOK FOR CBSE/STATE BOARD CLASS- 5, SEM- 1**. Pearson Longman, New Delhi.ISBN No.9789352863723

- AshooKalra, S.Latha, B.Vijayalakshmi, **Dr. AbiyaChelliah**. 2017. **PEARSON EDUCATION ACTIVETEACH CRYSTAL: INTEGRATED BOOK FOR CBSE/STATE BOARD CLASS- 5, SEM- 2**. Pearson Longman, New Delhi. **ISBN No.9789352863730**

#### **Detailed list of Journal volumes/ books edited (with ISSN)**

1. **D. AbiyaChelliah (2017)**. Journal of Research in Biology – Volume7. Redolence Academic Services, India. **ISSN: 2231 –6280**
2. **D. AbiyaChelliah (2017)**. Journal of Research in Ecology-Volume 5. Redolence Academic Services, India. **ISSN: 2319-1546**
3. **D. AbiyaChelliah (2016)**. Journal of Research in Animal Sciences-Volume 5. Redolence Academic Services, India. **ISSN: 2319-1589**
4. **D. AbiyaChelliah (2016)**. Journal of Research in Agriculture-Volume 4. Redolence Academic Services, India. **ISSN: 2319-166X**
5. **D. AbiyaChelliah (2016)**. Journal of Research in Plant Sciences-Volume 4. Redolence Academic Services, India. **ISSN: 2319-166X**

#### **Seminars/Symposiums/Workshops participated:**

- Haifa S.Ashraf and **Annie Sulochana Selvakumari** (2017) Pharmacognostical Standardisation of *Myristica fragrans* Houtt, UGC sponsored National Seminar on Rescue and Restoration of selected RET Medicinal plants of Western Ghats March 15 and 16, 2017.
- **Pauldurai Samraj, A.**, Manoharan, P. T and Shanmugaiah, V. 2017. Characterization of metabolite producing *Pseudomonas* sp. VCDB105 and its antagonistic potential against *Fusarium oxysporum*RACE4 ; International Conference on “Advanced Functional Materials for Energy, Environment and Biomedical Applications (AFMEEB-2017)” held at Madurai Kamaraj University, Madurai, India. 11- 12 December2017.
- **Pauldurai Samraj, A.**, Manoharan, P. T and Shanmugaiah, V. 2018. Isolation and characterization of efficient strain of *Pseudomonasfluorescence* against *Fusarium oxysporum* RACE4from rhizosphere soil of banana cultivation field of Tuticorin District,

National conference on Climate change and sustainable environment, held at Research Department of Botany, St. Xavier's College, Palayamkottai, Tamil Nadu. 15 – 16, March 2018.

**Dr. D. Abiya Chelliah**

- A One-day Orientation programme for Government, Aided and Autonomous College Teachers of Manonmaniam Sundaranar University (15 September 2017) at Center for Curriculum and Faculty Development, Tirunelveli.
- Training on National Colloquium on Technology Enabled Learning (19 April 2018) at Manonmaniam Sundaranar University, Tirunelveli in collaboration with IIT Bombay, Mumbai & MHRD, New Delhi.
- Participated a special lecture in the seminar on the occasion of “World Nature Conservation Day 2017” held on 28<sup>th</sup> July 2017 at Manonmaniam Sundaranar University, Tirunelveli.
- Participated in the Science Academies Lecture Workshop on “Recent Trends in Microbiology, Biotechnology and Bioinformatics” held at V.O. Chidambaram College, Thoothudi, Tamilnadu during 30<sup>th</sup> and 31<sup>th</sup> August, 2017.
- Participated in DST-SERB sponsored Two Day National Seminar on SEAWEED MARICULTURE-A PROSPECTIVE BIOTECHNOLOGY FOR COASTAL ECONOMY organised by Dept. of Botany, Kamaraj College, Thoothukudi on 5&6 October, 2017.

**Mr. V.K Stanley Raja**

- Participated a special lecture in the seminar on the occasion of “World Nature Conservation Day 2017” held on 28<sup>th</sup> July 2017 at Manonmaniam Sundaranar University, Tirunelveli.
- Participated in the Science Academies Lecture Workshop on “Recent Trends in Microbiology, Biotechnology and Bioinformatics ” held at V.O. Chidambaram College, Thoothudi, Tamilnadu during 30<sup>th</sup> and 31<sup>th</sup> August, 2017.

- Participated in DST-SERB sponsored Two Day National Seminar on SEAWEED MARICULTURE-A PROSPECTIVE BIOTECHNOLOGY FOR COASTAL ECONOMY organised by Dept. of Botany, Kamaraj College, Thoothukudi on 5&6 October, 2017.

**Mr.S. Darwin Paul Edison:**

- Participated in the National Symposium on “Algal Diversity and Resource status current Trends in utilization and prospects for innovation” oeganized by Dept. of Botany, V.O. Chidambaram College, Thoothukudi on 21<sup>st</sup> – 23<sup>rd</sup> September 2017.
- Participated in the Science Academies’ Lecture Workshop on “ Recent Advances in Biological Sciences (RABS -17) organized by Dept. of Botany, G.V.N. college, Kovilpatti on 26<sup>th</sup> and 27<sup>th</sup> September 2017.
- Participated in the national seminar on “ Seaweed Mariculture – A Prospective Biotechnology for Costal Economy” organized by Dept. of Botany, Kamaraj College, Thoothukudi on 05<sup>th</sup> and 06<sup>th</sup> October 2017.
- Participated in the national seminar on : “Environment and Hygiene” organized by Annamal college of Education for Women, Thoothukudi on 15<sup>th</sup> December 2017.
- Participated in the Science Academies’ Lecture Workshop on “ Current Scinario in Biological Sciences” organized by Dept. of Botany, St.John’s College, Palayamkottai on 09<sup>th</sup> and 10<sup>th</sup> February 2018.
- Participated in the regional seminar on “ Botanicals Entrepreneurship” organized by Dept. of Botany, Kamaraj College, Thoothukudi on 23<sup>rd</sup> February 2018.
- Participated in the National conference on “ Climate change and Sustainable Environment” organized by Dept. of Botany, St.Xavier’s College, Palayamkottai on 15<sup>th</sup> and 16<sup>th</sup> March 2018.

### 6.3 List of the Faculty members, based on API score

S. No.	Name of the staff	Designation	API Score
1.	Dr. S. Abraham Muthukuamr	Associate Professor	563.5
2.	Dr. P. Annie Sulochana Selvakumari	Associate Professor	282.5
3.	Dr. R. Selvakumari	Associate Professor	463
4.	Dr. D. Amish Abraham	Associate Professor	683
5.	Mrs. P.Kannimozhi Celina	Assistant Professor	385
6.	Mr. A. Pauldurai Samraj	Assistant Professor	462
7.	Mr. S. Paul David Selson	Assistant Professor	326.1
8.	Dr. D. Abiya Chellaiah	Assistant Professor	536.3
9.	Dr. M. Amutha	Assistant Professor	104.5
10.	Dr. V.K. Stanley Raja	Assistant Professor	177
11.	Mr. S. Darwin Paul Edison	Assistant Professor	149.9

## 7. Student's Profile

### 7.1 Student's Statistics for the year 2017-2018

The students are admitted on each course based on the Government schemes of reservation. The community wise student's statistics are given below:

COURSE	Other than Minority														Minority				Total		Total
	SC		SCA		ST		BC		DNC		MBC		OC		Minority		Muslim		M	F	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
<b>I B.Sc</b>	5	2	0	0	0	0	5	9	4	0	2	0	0	0	4	9	0	0	20	20	40
<b>I M.Sc</b>	0	3	0	0	0	0	2	5	0	0	0	0	0	1	1	1	0	0	3	10	13
	5	5	0	0	0	0	7	14	4	0	2	0	0	1	5	10	0	0	23	30	53
<b>Total</b>	10		0		0		21		4		2		1		15		0		53		

## 7.2 List of the student representatives

S. No.	Degree	Name of the student representative
1.	I B.Sc Botany	T. Manju Devi
2.	II B.Sc Botany	Alice Kalai Prabavathi
3.	III B.Sc Botany	R. Ishwara Jothy
4.	I M.Sc Botany	L. Sandhiya
5.	II M.Sc Botany	S. P. Jeya Chitra

## 7.3 List of Ongoing Scholars under Supervisor

S. No.	Name of the Scholar with Register Number	Name of the Supervisor	Full Time / Part Time	Date of Registration	Date of Completion
1	Ms. Karpagajothi	Dr. D. Amish Abragam	Full time	15.10.12	09.8.2017
2	Ms. S. Gayathri Devi	Dr. R. Selvakumari	Full time	29.09.2014	-
3	Ms. S. Vijila	Dr. D. Amish Abragam	Full time	07.01.2014	-
4	Ms. S. Gnana Ranjitham	Dr. R. Selvakumari	Full time	06.04.2015	-
5	Mr. R. Thanga Selvam	Dr. D. Amish Abragam	Part time	10.08.2015	-
6	Ms. T. Hemalatha	Dr. D. Amish Abragam	Part time	01.09.2015	-
7	Ms. Ahino Mary	Dr. D. Amish Abragam	Full time	25.09.2015	-
8	Mr. Thangadurai	Dr. D. Amish Abragam	Part time	2016	-
9	Ms. Mathiarasi	Dr. D. Amish Abragam	Full time	10.08.2017	-
10	Mr. Rajadurai	Dr. D. Amish Abragam	Part time	10.01.2018	-

## 7.4 Placement Details

Programme Name	Batch	Number of students passed in final year examination	Number of students enrolled into higher education	Number of students placed in jobs
B.Sc.	2015 – 2018	14	12	3
M.Sc.	2016 – 2018	6	2	1

## 7.5 Student Activities

The department of Botany is one of the oldest departments in the College. It is now in the process of reaching its horizon through various activities. This year, the students' interaction has increased tremendously. The students are encouraged to participate in various academic as well as extra-mural programs so as to improve their curricular and co-curricular activities.

The students have participated more than ten programs within Tamil Nadu at University & College levels and obtained there valuable prizes. The P.G. and U.G. students also involved in off – campus programs.

### List of Academic Programs

S. No	Name of the Program	Name of the Participants	Name of the staffs	Prize	Date
1.	Biowiz-2018 for Botany students St. Xavier's College Palyamkottai.	S.Anthony Selvam	-	-	26.09.18
2.	Biowiz-2018 for Botany students St. Xavier's College, Palyamkottai.	G.Jacob Samuel	-	III Prize	26.09.18
3.	Biowiz-2018 for Botany students, St. Xavier's College Palyamkottai.	S.Micaiah	-	-	26.09.18
4.	Biowiz-2018 for Botany students, St. Xavier's College Palyamkottai.	A.Muthu Nambi	-	-	26.09.18

### List of Non-academic programs

S.No.	Name of the program	Name of the participants	Name of the staffs	Date
1.	Speak For India Tamilnadu Edition 2018	G.Jacob Samuel	-	10.12.2018



## 8. Curriculum

Botany is one of the important disciplines in science. The Curriculum aims at providing basic knowledge and exposure to students who intend to do their higher studies. It is being revised periodically and followed the course structure that was prescribed by Manonmaniam Sundaranar University.

The Programme Structure of the B.Sc., and M.Sc., Botany are mentioned below.

### 8.1 UG Programme Structure

#### UG – I Semester

Components	Subject Name	Subject Code	Hours	Credits
Part I Tamil	Tamil	S1TL11	6	4
Part II English	English	S2EN11	6	4
Part III Core Subjects 1	Plant Anatomy & Microtechniques	SMBO11	4	4
Part III Core Subjects 2	Algae & Bryophytes	SMBO12	4	4
Part III Allied Subject	Allied Zoology	SAZO11	4	3
Part IV	Environmental Studies	SEVS11	2	2
Practical	Plant anatomy, Microtechniques, algae and Bryophytes	SMBOP1	2	2
Practical	Allied Zoology Practical-1	SAZOP1	2	2
<b>Total (8 courses)</b>			<b>30</b>	<b>25</b>

#### UG – II Semester

Components	Subject Name	Subject Code	Hours	Credits
Part I Tamil	Tamil	S1TL21	6	4
Part II English	English	S2EN21	6	4
Part III Core Subject 3	Fungi, Plant Pathology and Lichenology	SMBO21	4	4
Part III Core Subject 4	Cell Biology & Embryology of Angiosperms	SMBO22	4	4
Allied Subject II	Allied Zoology	SAZO21	4	3
Part IV	Value Based Education	SVBE21	2	2
Practical	Allied Zoology Practical-2	SAZOP2	2	2
Practical	Fungi, Plant Pathology, Lichenology, Cell Biology & Embryology of Angiosperms	SMBOP2	2	2
<b>Total (8 Courses)</b>			<b>30</b>	<b>25</b>

### UG – III Semester

Components	Subject Name	Subject Code	Hours	Credits
Part I Language	Tamil	J1TL31	6	4
Part II English	English	J2EN31	6	4
Part III Core Subjects 5	Pteridophytes, Gymnosperms and Paleobotany	JMPB31	4+2	4+2
Part III Allied Subject	Allied Subject III	JACH11	4+2	3+2
Part IV Skill Based Subject I	Mushroom Cultivation / Organic Farming	JSPB3B	4	4
Part IV Non Major Elective	Gardening and Garden management / Herbal medicine	JNZO3A	2	2
<b>Total (6 Courses)</b>			<b>30</b>	<b>25</b>

### UG – IV Semester

Components	Subject Name	Subject Code	Hours	Credits
Part I Tamil	Tamil	J1TL41	6	4
Part II English	English	J2EN41	6	4
Part III Core Subjects 6	Microbiology & Techniques in Biology	JMPB41	4	4
Part III Core Practical II	Microbiology & Techniques in Biology	JMPBP2	2	2
Part III Allied Subject IV	Allied Chemistry	JACH21	4	3
Allied Practical	Allied Chemistry Practical	JACHP1	2	2
Part IV Skill Based Subject II	Floriculture / Preservation of Fruits and Vegetables	JSPB4B	4	4
Part IV Non Major Elective	Food and Nutrition/Botany for Competitive Examination	JNZO4A	2	2
Part IV Extension activity (NCC, NSS, YRC, YWF)		J5EA41	-	1
<b>Total (9 Courses)</b>			<b>30</b>	<b>26</b>

### UG – V Semester

Components	Subject Name	Subject Code	Hours	Credits
Part III Core Subjects 7	Morphology and Taxonomy of Angiosperms & Economic Botany	GMPB51	6+3	4+2
Part III Core Subjects 8	Biochemistry & Bioinformatics	GMPB52	6+3	4+2
Part III Major Elective I	Plant Biotechnology & Genetic Engineering/Environmental Biotechnology	GMPB5A	5	4
Part III Major Elective II	Horticulture and Plant Breeding/Forestry	GMPB5D	5	4
Part IV Skilled based Subject III	Effective Communication / Personality Development	GCSB5A	2	2
<b>Total (5 courses)</b>			<b>30</b>	<b>22</b>

### UG – VI Semester

Components	Subject Name	Subject Code	Hours	Credits
Part III Core Subjects 9	Plant Physiology	GMPB61	6	4
Part III Core Subjects 10	Genetics, Biometrics & Bioinformatics	GMPB62	6	4
Part III Core Subjects 11	Plant Ecology & Phytogeography	GMPB63	5	4
Part III Core Practical 3	Plant Physiology, Genetics, Evolution, Biostatistics, Plant Ecology & Phytogeography	GMPBP3	3	2
Part III Core Practical 4	Morphology of Angiosperms. Taxonomy,	GMPBP4	3	2
Part III Core Practical 5	Biochemistry Biophysics, Plant Ecology and Phytogeography	GMPBP5	2	2
Part III Major Elective III	Marine Biotechnology/ Environmental Biotechnology	GMPB6B	5	4
<b>Total (7 courses)</b>			<b>30</b>	<b>22</b>

## 8.2 PG Programme Structure

### PG – I Semester

Components	Subject Name	Subject Code	Hrs	Credits
Core Subject I	Algology and Bryology	PBOM11	6	4
Core Subject II	Mycology, Lichenology and Molecular Pathology.	PBOM12	6	4
Core Subject III	Microbiology and Immunology	PBOM13	5	4
Core Subject IV	Phytochemistry.	PBOM14	5	4
Practical	Algology, Bryology, Mycology and Lichenology	PBOL11	4	2
Practical	Molecular Pathology Microbiology, Immunology and Phytochemistry.	PBOL12	4	2
<b>Total (4 Courses)</b>			<b>30</b>	<b>20</b>

### PG – II Semester

Components	Subject Name	Subject Code	Hrs	Credits
Core Subject IV	Pteridophytes, Gymnosperms and Paleobotany	PBOM21	5	4
Core Subject V	Genetics, Cell & Molecular Biology	PBOM22	5	4
Core Subject VI	Anatomy. Embryology and Morphogenesis	PBOM23	4	4
Core Subject	Entrepreneurship Botany	PBOM24	4	4
Core	Field Work	PBOT21	4+	3
Practical I	Pteridophytes, Gymnosperms, Paleobotany and Anatomy	PBOL21	4	2
Practical II	Genetics, Cell & Molecular Biology, Embryology, Morphogenesis and Entrepreneurship Botany	PBOL22	4	2
<b>Total (6 Courses)</b>			<b>30</b>	<b>23</b>

**PG - III Semester**

<b>Components</b>	<b>Subject Name</b>	<b>Subject Code</b>	<b>Hrs</b>	<b>Credits</b>
Core Subject VII	Taxonomy of Angiosperms and Economic Botany	KBOM31	6	4
Core Subject VIII	Biochemistry and Biophysics	KBOM32	6	4
Core Subject IX	Computer Application and Bioinformatics	KBOE31	5	4
Core Subject	Research Methodology	KBOM33	5	4
Practical I	Taxonomy of Angiosperms, Economic Botany and Research Methodology	KBOL31	4	2
Practical II	Biochemistry, Biophysics, Computer Application and Bioinformatics	KBOL32	4	2
<b>Total (4 Courses)</b>			<b>30</b>	<b>20</b>

**PG - IV Semester**

<b>Components</b>	<b>Subject Name</b>	<b>Subject Code</b>	<b>Hrs</b>	<b>Credits</b>
Core Subject X	Plant Physiology	KBOM41	4	4
Core Subject XI	Plant Ecology and Conservation Biology	KBOM42	4	4
Core Subject XII	Applied Biotechnology	KBOM43	4	4
Practicals III	Plant Physiology and Applied Biotechnology	KBOL41	4	2
Practicals IV	Plant ecology and conservation biology	KBOL42	4	2
Elective III	ELECTIVE – Medicinal Botany and Dietetics	KBOE41	3+	3
			7+	8
<b>Total (6 Courses)</b>			<b>30</b>	<b>27</b>

### 8.3 Course Evaluation Pattern

This program is under Choice Based Credit System of the University. Each paper is evaluated for 100 marks with Internal 25 marks and External 75 marks. The duration of the examination is 1 hour for internal assessment test and 3 hours for external examination.

The pattern for internal assessment and the external examination are as follows:

#### For UG courses

Internal Evaluation Pattern		External Evaluation Pattern	
Three CA tests	20	Section A 10 x 1	10
Assignment	5	Section B 5 x 5	25
Total	25	Section C 5 x 8	40
		Total	75

#### For PG courses

Internal Evaluation Pattern		External Evaluation Pattern	
Three CA tests	15	Section A 10 x 1	10
Assignment	4	Section B 5 x 5	25
Seminar	6	Section C 5 x 8	40
Total	25	Total	75

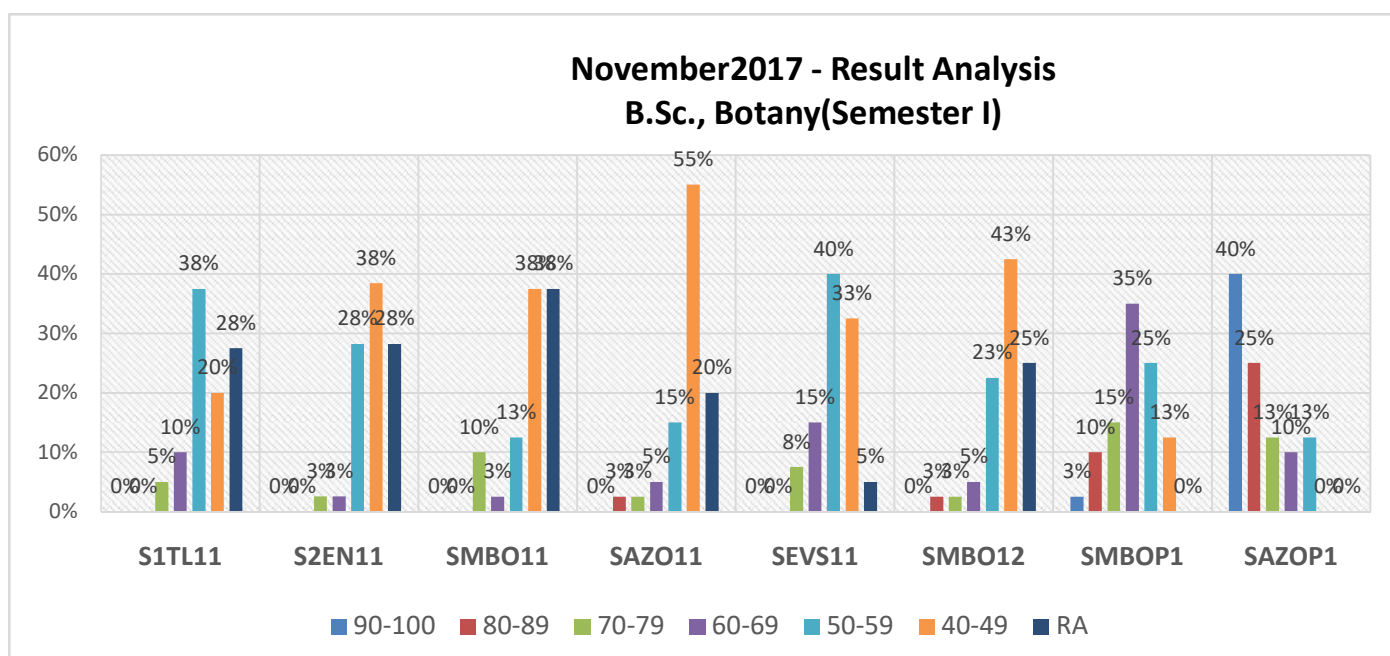
### 8.4 Result Analysis

External examinations are conducted by Manonmaniam Sundaranar University and the corresponding results are declared after evaluation. The subject-wise result analysis is made by course instructors which will be helpful to understand the quality of classroom teaching and observation about each course.

The analysis of the result for November 2017 and April 2018 University examinations are represented graphically:

## UG – I Semester

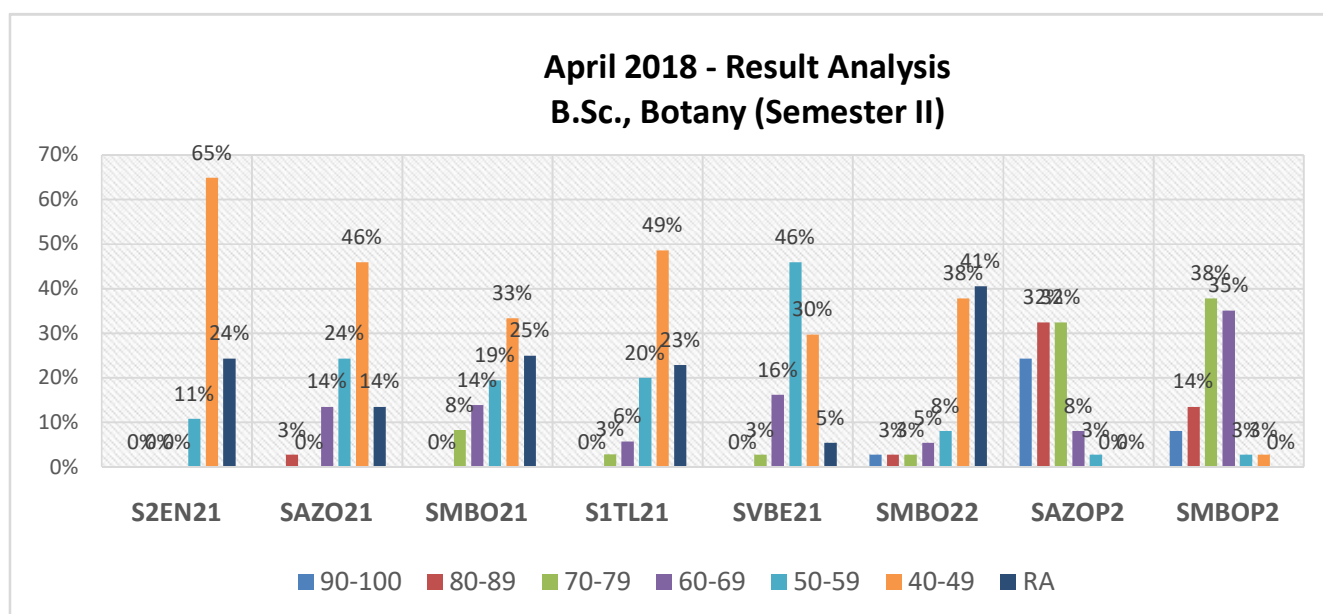
Components	Subject Name	Subject Code	% of pass
Part I Tamil	Tamil	S1TL11	72%
Part II English	English	S2EN11	70%
Part III Core Subjects 1	Plant Anatomy & Microtechniques	SMBO11	62%
Part III Core Subjects 2	Algae & Bryophytes	SMBO12	75%
Part III Allied Subject	Allied Zoology	SAZO11	80%
Part IV	Environmental Studies	SEVS11	95%
Practical	Plant anatomy, microtechniques, algae and Bryophytes	SMBOP1	100%
Practical	Allied Zoology Practical-1	SAZOP1	100%



- The pass percentage mostly falls between the range 70% to 100%, except in one subject.
- The result revealed that around 25% of the students have secured first class in some of the subjects.

## UG – II Semester

Components	Subject Name	Subject Code	% of Pass
Part I Tamil	Tamil	S1TL21	77%
Part II English	English	S2EN21	76%
Part III Core Subject 3	Fungi, Plant Pathology and Lichenology	SMBO21	76%
Part III Core Subject 4	Cell Biology & Embryology of Angiosperms	SMBO22	59%
Allied Subject II	Allied Zoology	SAZO21	86%
Part IV	Value Based Education	SVBE21	95%
Practical	Allied Zoology Practical-2	SAZOP2	100%
Practical	Fungi, Plant Pathology, Lichenology, Cell Biology & Embryology of Angiosperms	SMBOP2	100%



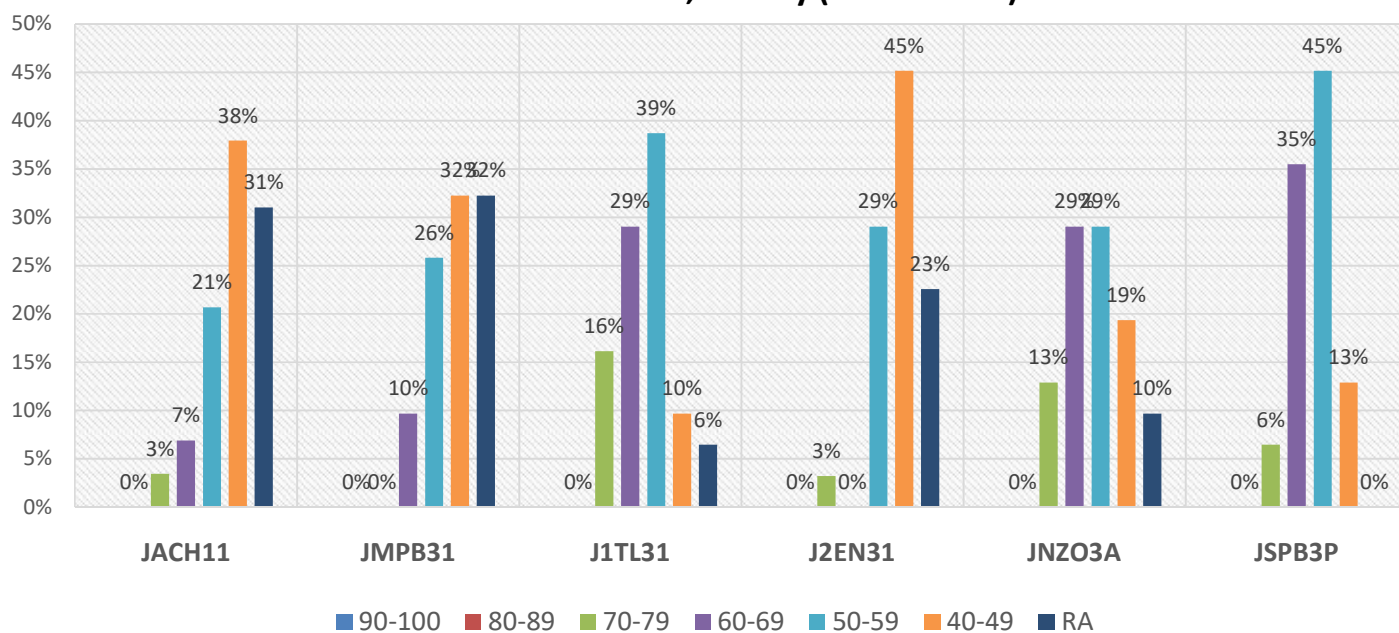
- The pass percentage mostly falls between the range 76% to 100%, except in one subject.
- The comparative study revealed that 20% of the students have secured second class in some subjects.



### UG – III Semester

Components	Subject Name	Subject Code	% of Pass
Part I Language	Tamil	J1TL31	94%
Part II English	English	J2EN31	77%
Part III Core Subjects 5	Pteridophytes, Gymnosperms and Paleobotany	JMPB31	68%
Part III Allied Subject	Allied Subject III	JACH11	69%
Part IV Skill Based Subject I	Mushroom Cultivation / Organic Farming	JSPB3B	100%
Part IV Non Major Elective	Gardening and Garden management / Herbal medicine	JNZO3A	90%

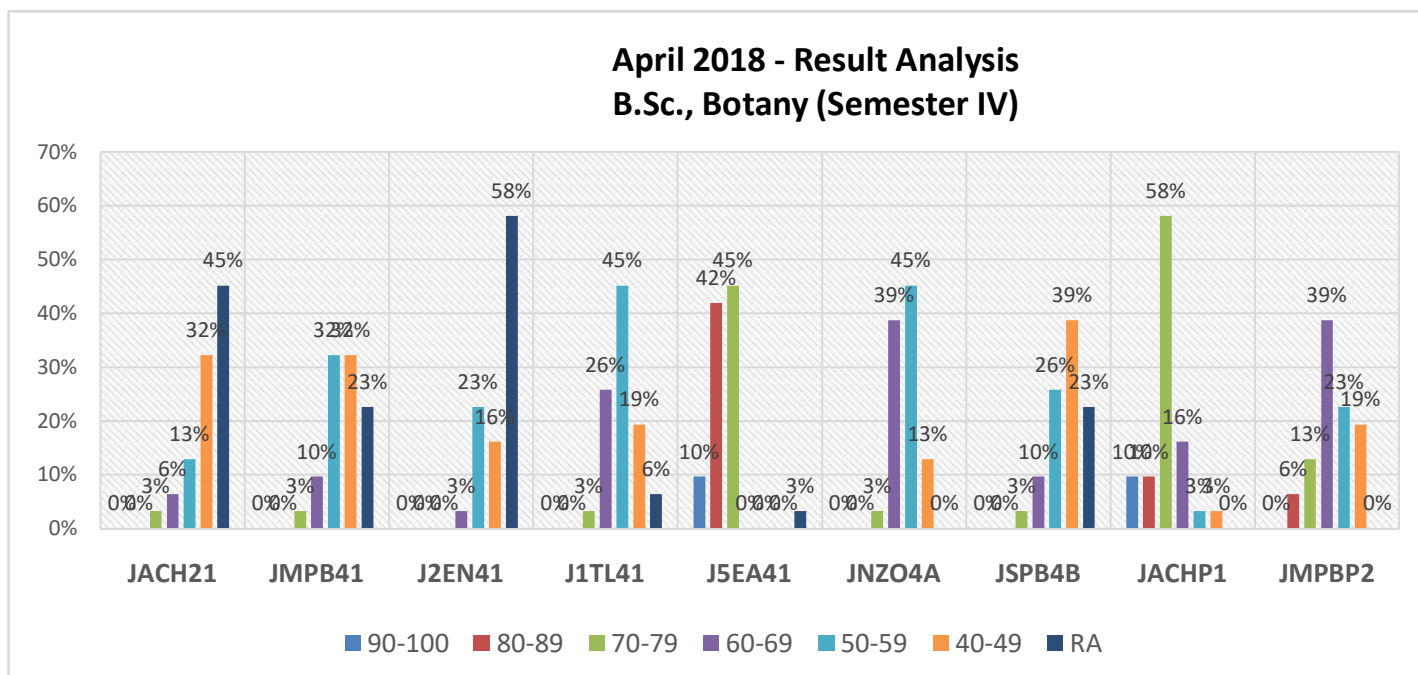
**November 2017 - Result Analysis  
B.Sc., Botany (Semester III)**



- The overall pass percentage is ranged in between 90% - 100%, except in few subjects.
- The comparative study revealed that around 30% of the students have secured first class in some subjects.

### UG – IV Semester

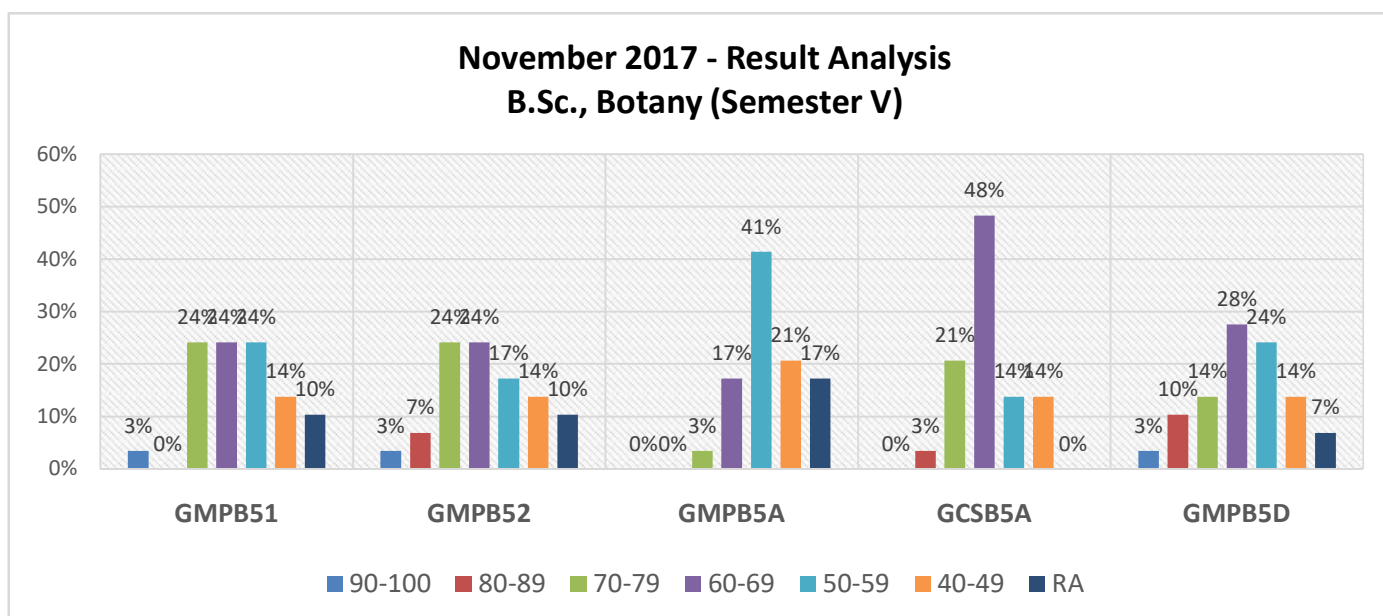
Components	Subject Name	Subject Code	% of Pass
Part I Tamil	Tamil	J1TL41	94%
Part II English	English	J2EN41	42%
Part III Core Subjects 6	Microbiology & Techniques in Biology	JMPB41	77%
Part III Core Practical II	Microbiology & Techniques in Biology	JMPBP2	100%
Part III Allied Subject IV	Allied Chemistry	JACH21	55%
Allied Practical	Allied Chemistry Practical	JACHP1	100%
Part IV Skill Based Subject II	Floriculture / Preservation of Fruits and Vegetables	JSPB4B	77%
Part IV Non Major Elective	Food and Nutrition/Botany for Competitive Examination	JNZO4A	100%
Part IV Extension activity (NCC, NSS, YRC, YWF)		J5EA41	97%



- The pass percentage mostly falls between the range 77% to 100%, except in few subjects.
- The comparative study revealed that 32% to 45% of the students have secured first class in almost all the subjects.

### UG – V Semester

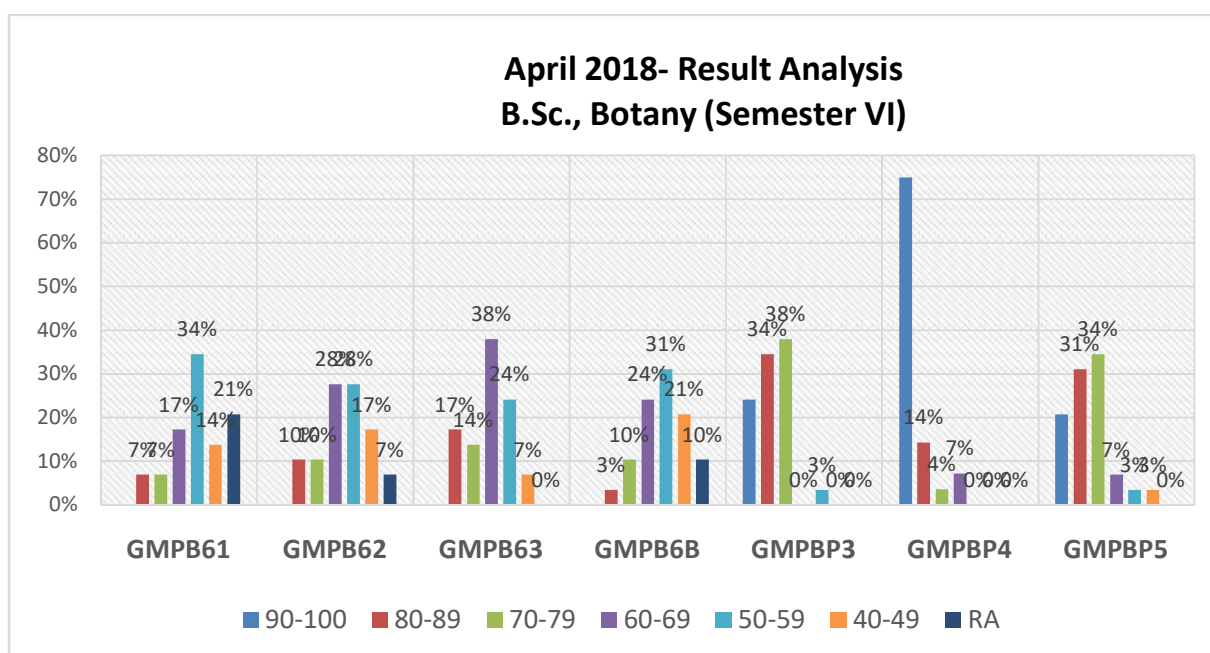
Components	Subject Name	Subject Code	% of Pass
Part III Core Subjects 7	Morphology and Taxonomy of Angiosperms & Economic Botany	GMPB51	90%
Part III Core Subjects 8	Biochemistry & Bioinformatics	GMPB52	90%
Part III Major Elective I	Plant Biotechnology & Genetic Engineering/Environmental Biotechnology	GMPB5A	83%
Part III Major Elective II	Horticulture and Plant Breeding/Forestry	GMPB5D	93%
Part IV Skilled based Subject III	Effective Communication / Personality Development	GCSB5A	100%



- The overall pass percentage is ranged in between 83% - 100%, except in few subjects.
- The comparative study revealed that around 24% of the students have secured more than 70 marks in most of the subjects.

### UG – VI Semester

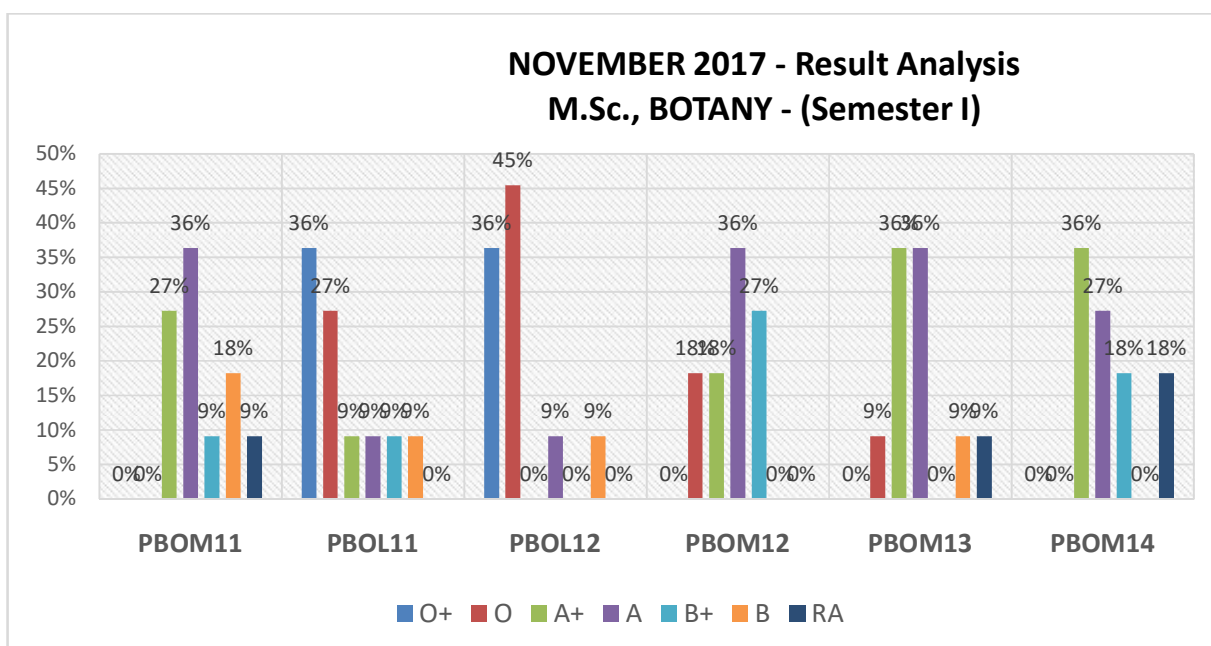
Components	Subject Name	Subject Code	% of Pass
Part III Core Subjects 9	Plant Physiology	GMPB61	79%
Part III Core Subjects 10	Genetics, Biometrics & Bioinformatics	GMPB62	93%
Part III Core Subjects 11	Plant Ecology & Phytogeography	GMPB63	100%
Part III Core Practical 3	Plant Physiology, Genetics, Evolution, Biostatistics, Plant Ecology & Phytogeography	GMPBP3	100%
Part III Core Practical 4	Morphology of Angiosperms. Taxonomy,	GMPBP4	100%
Part III Core Practical 5	Biochemistry Biophysics, Plant Ecology and Phytogeography	GMPBP5	100%
Part III Major Elective III	Marine Biotechnology/ Environmental Biotechnology	GMPB6B	90%



- The pass percentage mostly falls between the range 90% to 100%, except in one subject.
- The comparative study revealed that 17% to 21% of the students have secured second class in most of the subjects.

### PG – I Semester

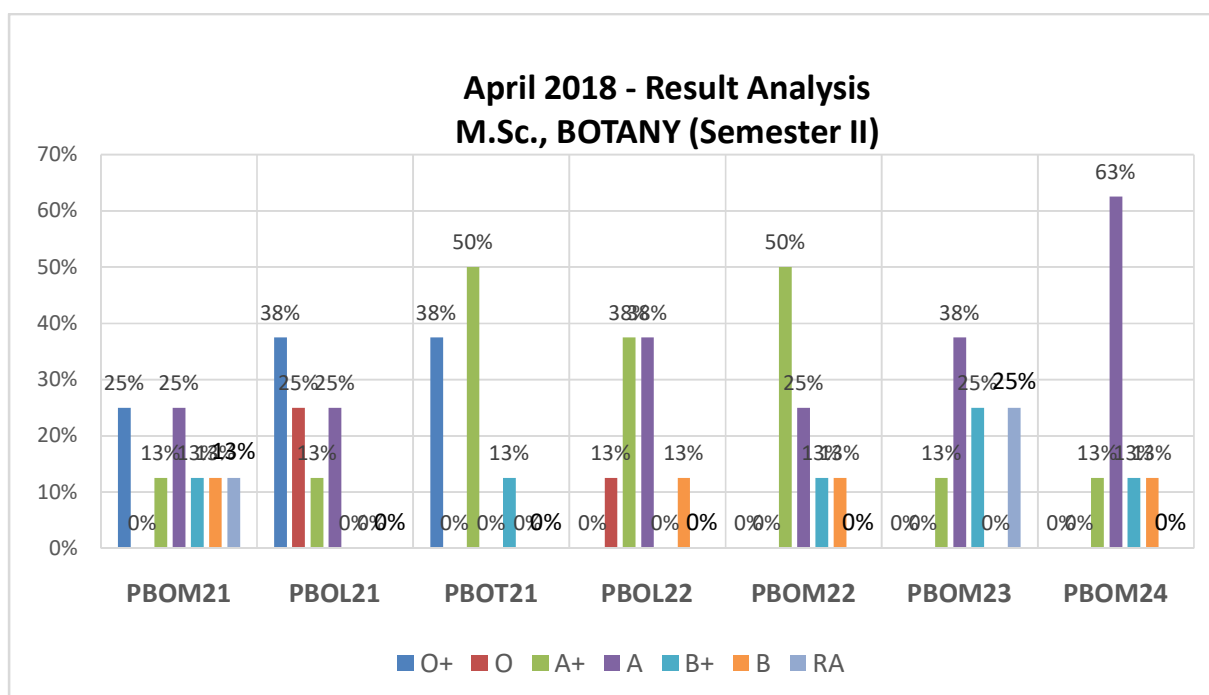
Components	Subject Name	Subject Code	% of Pass
Core Subject I	Algology and Bryology	PBOM11	91%
Core Subject II	Mycology, Lichenology and Molecular Pathology.	PBOM12	100%
Core Subject III	Microbiology and Immunology	PBOM13	91%
Core Subject IV	Phytochemistry.	PBOM14	82%
Practical	Algology, Bryology, Mycology and Lichenology	PBOL11	100%
Practical	Molecular Pathology Microbiology, Immunology and Phytochemistry.	PBOL12	100%



- The overall pass percentage is ranged in between 82% - 100%.
- The result revealed that around 20% to 36% of the students have secured 'O' grade in almost all the subjects.

### PG – II Semester

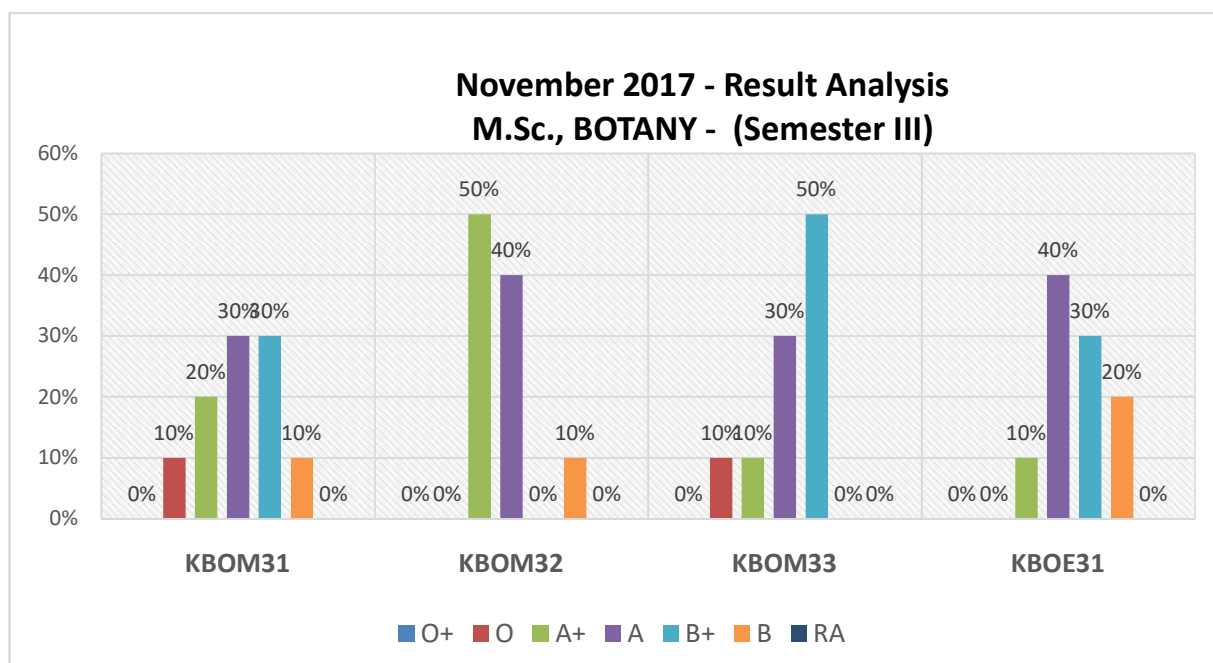
Components	Subject Name	Subject Code	% of Pass
Core Subject IV	Pteridophytes, Gymnosperms and Paleobotany	PBOM21	87%
Core Subject V	Genetics, Cell & Molecular Biology	PBOM22	100%
Core Subject VI	Anatomy, Embryology and Morphogenesis	PBOM23	75%
Core Subject	Entrepreneurship Botany	PBOM24	100%
Core	Field Work	PBOT21	100%
Practical I	Pteridophytes, Gymnosperms, Paleobotany and Anatomy	PBOL21	100%
Practical II	Genetics, Cell & Molecular Biology, Embryology, Morphogenesis and Entrepreneurship Botany	PBOL22	100%



- In this Semester, all the students have passed in most of the subjects.
- The result revealed that around 25% of the students have secured 'A' Grade in most of the subjects.

### PG - III Semester

Components	Subject Name	Subject Code	% of Pass
Core Subject VII	Taxonomy of Angiosperms and Economic Botany	KBOM31	100%
Core Subject VIII	Biochemistry and Biophysics	KBOM32	100%
Core Subject IX	Computer Application and Bioinformatics	KBOE31	100%
Core Subject	Research Methodology	KBOM33	100%
Practical I	Taxonomy of Angiosperms, Economic Botany and Research Methodology	KBOL31	100%
Practical II	Biochemistry, Biophysics, Computer Application and Bioinformatics	KBOL32	100%

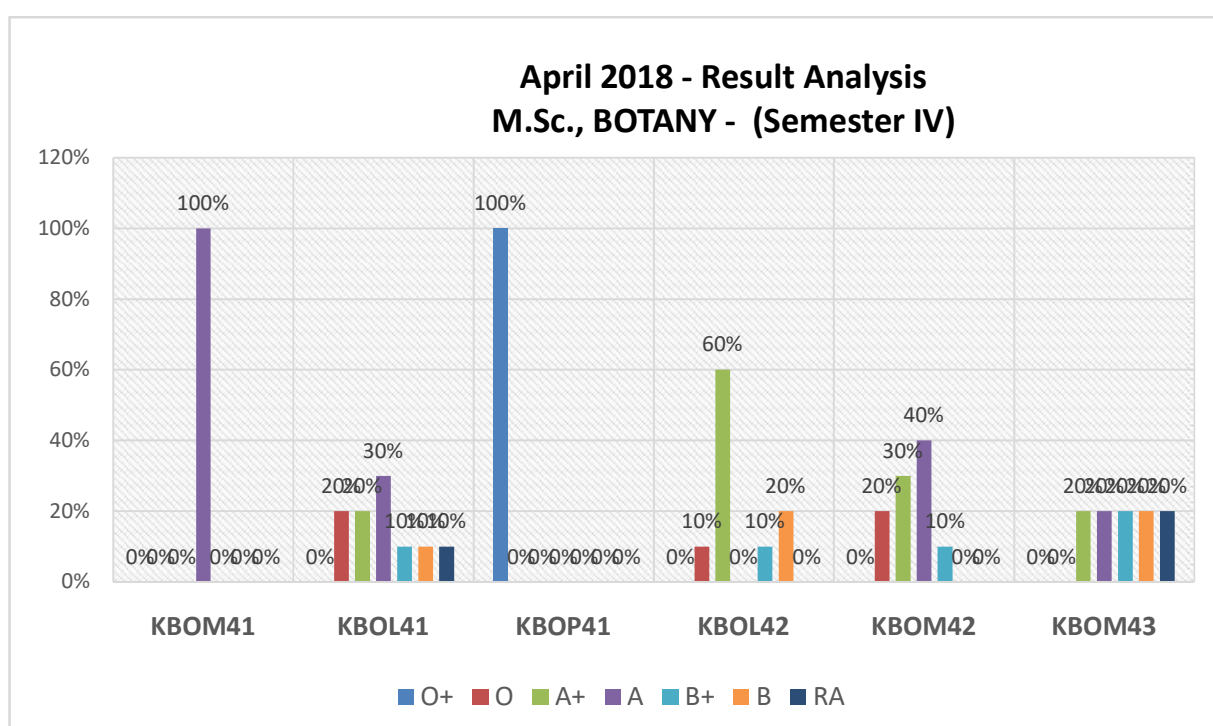


- In this Semester, all the students have passed in all subjects.
- The comparative study revealed that around 30% to 50% of the students have secured B+ in most of the subjects.



### PG - IV Semester

Components	Subject Name	Subject Code	% of Pass
Core Subject X	Plant Physiology	KBOM41	100%
Core Subject XI	Plant Ecology and Conservation Biology	KBOM42	90%
Core Subject XII	Applied Biotechnology	KBOM43	100%
Practicals III	Plant Physiology and Applied Biotechnology	KBOL41	100%
Practicals IV	Plant ecology and conservation biology	KBOL42	100%
Elective III	ELECTIVE – Medicinal Botany and Dietetics	KBOE41	80%



- The overall pass percentage is ranged in between 80% -100%.
- The result revealed that around 30% of the students have secured ‘A’ Grade in some subjects.

#### Student performances and learning outcomes:

Program name	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass percentage
B.SC., Botany	31	14	45.1%
M.Sc., Botany	10	6	60%



The result analysis revealed that the pass percentage of final year B.Sc., students is around 45%, comparatively decreased than the previous academic year. But, the pass percentage of final year M.Sc., students has increased significantly when compare with the results of previous academic year.

#### **List of Rank Holders**

<b>S.No.</b>	<b>Academic Year</b>	<b>Name of the Student</b>	<b>Name of the course</b>	<b>Rank Obtained</b>
1.	2017- 2018	R.Iswaryajothi	B.Sc., Botany	8
2.	2017-2018	C.B.Ambika	B.Sc., Botany	18
3.	2017-2018	S.Gomathimala	B.Sc., Botany	19
4.	2017-2018	Jeya Chithra S.P	M.Sc., Botany	6

## **9. Outcome**

### **Outcome of the students meeting**

- Students felt that the infrastructure provided by the college and department is GOOD.
- The rules and regulations of the department were appreciated.
- They felt that the Staffs of the department are having best expertise and experience and are handling classes in a very interactive way.
- Curriculum was well appreciated.
- Very minimal participation in extra-curricular activities for PG students.
- Wi-fi bandwidth is not sufficient.
- Lunch room with water is expected in every block.
- Students retiring room is not sufficient.
- Girls students are expected more facilities in their retiring room.
- Syllabus is advanced; students can understand the course with the help of the course instructors.
- Importance is not given for communication and skilled based classes.

### **Outcome of the Faculty meeting**

- They felt very proud to serve for this institution.
- They felt satisfied with the pay package.
- EPF contribution was also appreciated.
- Friendly and professional academic environment created by HOD was well appreciated.



### **10. Overall assessment**




- The evaluation process followed by the department is good.
- Course academic plan and implementation are recorded properly.
- Uniform for students is a good practice.
- Curriculum is having a good impact on the outcome of the students.
- Library facility in the department is quite good.
- Students are encouraged and motivated to participate in curricular and extracurricular activities in other institutions.
- Students are given counselling through Mentor-Mentee System.
- Students are appreciated with certificates and prizes for their achievements in curricular and extracurricular activities.
- Association meetings and staff meetings in the department are conducted periodically.
- Number of Text books at library is not sufficient.
- Meritorious students achievements in getting university rank is appreciated.
- Field trips and educational tour are well planned and arranged.
- Association meetings and staff meetings in the department are conducted periodically.
- Wi-fi bandwidth is too low.
- Web site of the college is frequently updated.
- Publications and participations in FDP, seminars, conferences and workshops by faculty members are minimal.
- To complete 90 working days for first semester students is not feasible because of the admission procedure.

## 11. Suggestions

- More number of text book volumes has to be purchased.
- More Indexed journals at least Scopus indexed to be subscribed.
- Publications and participations in FDP, seminars, conferences and workshops by faculty members are to be increased.
- Paid leaves should be given to the faculty members to attend FDP, seminars, conferences and workshops.
- Incentives may be given to the faculty by the management for publishing papers and producing 100% results.
- External funded research projects to be taken up by the faculty members.
- Students may be asked to write job oriented online exams (like NPTEL, etc.,) for better placements.
- Syllabus for Research domain and self-learning courses may be clearly defined and it may include more areas.
- Importance has to be given for communication and soft skills classes.
- Library facility is very good and there is a vast scope of development; but the students under unaided stream should be allowed to access the general library.

## 12. Signature of the Academic Audit Panel Members

<p><b>Chair Person</b> Dr. S. Abraham Muthukumar Head, Department of Botany and Research Center, St John's College, Palayamkottai, Tirunelveli- 627002, Tamil Nadu.</p>	 <p>DEPARTMENT OF BOTANY ST. JOHN'S COLLEGE PALAYAMKOTTAI</p>
<p><b>Subject expert-1</b> Dr. K. Dharmar Associate Professor of Botany, Pasumpon Thiru Muthuramalinga Thevar Memorial College, Kamuthi, Ramanathapuram District.</p>	 <p>K. Dharmar Associate Professor in Botany P.T.M.T.M. College Kamuthi - 623 603</p>

<p><b>Subject expert-2</b>  Dr. A. Saravana Ganthi,  Head and Assistant Professor,  Department of Botany,  Rani Anna Government College for Women,  Tirunelveli.</p>	 Dr. A. Saravana Ganthi, M.Sc., M.Phil., Ph.D., Assistant Professor, Department of Botany Rani Anna Govt. College for Women Tirunelveli - 627 008., Tamilnadu.
<p><b>Industry Expert</b>  Mrs. T. Jasmine Dorathy  Agriculture Officer  Agriculture Department.</p>	 <b>Mrs. T. Jasmine Dorathy</b> <b>Agriculture Officer</b> <b>Agriculture Department</b> <b>Palayamkottai</b>
<p><b>Co-ordinator</b>  Mr. A. Pauldurai Samraj,  Assistant Professor,  Department of Boatany,  St. John's College,  Tirunelveli.</p>	 <b>A. PAULDURAI SAMRAJ</b> <b>Asst. Prof. of Botany</b> <b>St. John's College,</b> <b>Palayamkottai</b>

  
Principal  
**PRINCIPAL**  
**ST. JOHN'S COLLEGE**  
**PALAYAMKOTTAI - 627 002.**

  
**IQAC Coordinator**  
**IQAC CO-ORDINATOR**  
**ST. JOHN'S COLLEGE**  
**PALAYAMKOTTAI**



**ST. JOHN'S COLLEGE PALAYAMKOTTAI  
TIRUNELVELI – 627 002**

[sjc1878@stjohnscollege.edu.in](mailto:sjc1878@stjohnscollege.edu.in), [www.stjohnscollege.edu.in](http://www.stjohnscollege.edu.in)



# **Annual Academic Audit Report**

---

**2017-18**

**Department of Zoology**

**11<sup>th</sup> August 2018**

## Table of Contents

1. Introduction.....	2
2. Objectives of Academic Auditing .....	2
3. Academic Audit Panel Members.....	2
4. Schedule of the Annual Academic Audit .....	3
5. Department Profile .....	4
5.1 About the Department.....	4
5.2 Best Practices of the Department:.....	6
5.3 Infrastructure in the Department .....	6
5.4 Department Library Facilities .....	7
5.5 Department Activities .....	7
6. Faculty Profile.....	7
List of the Faculty members in Aided stream.....	7
Research and Consultancy .....	8
List of the Faculty members, based on API score.....	8
7. Students' Profile.....	9
Student's Statistics for the year 2017-2018 .....	9
List of the student representatives.....	9
List of Ongoing Scholars under Supervisor.....	9
Students' Achievements .....	10
Placement Details.....	11
8. Curriculum .....	11
UG Programme Structure .....	12
PG Programme Structure .....	13
M.Phil Programme Structure .....	13
Course Evaluation Pattern.....	14
Result Analysis.....	14
9. Outcome.....	21
10. Overall assessment .....	22
11. Suggestions .....	22
12. Signature of the Academic Audit Panel Members .....	23

## **1.Introduction**

The process of Academic intends to monitor and enhance the quality of science education through proper guidelines for both teaching faculty and students, so as to ensure qualified students/researchers passing out from the department. It presents the objectives of academic auditing, the process of internal and external evaluation of courses, major/mini projects, seminars, overall discipline and academic functioning of the department, duties and responsibilities of faculty members, research and consultancy and class/course committees.

The Annual Academic Audit of the Department was conducted on 11<sup>th</sup> August 2018.

## **2. Objectives of Academic Auditing:**

- i. To define quality of each component of the functionalities.
- ii. To define effectiveness of teaching-learning process.
- iii. To device methodology to confirm maximum output from faculty members as well as students
- iv. To ensure academic accountability and quality of technical education through proper guidelines for both teaching faculty and students/researchers.

## **3. Academic Audit Panel Members**

### **Chair Person**

Dr. B. Jawahar Samuel M.Sc.,M.Phil.,Ph.D.  
Associate Professor& HOD of Zoology,  
St. John's College,  
Palayamkottai 627002, Tamil Nadu.  
Mob; 9443290006  
Email; drbjsamuel@yahoo.co.in

### **Co-ordinator**

Dr. S. Suthakar Isaac M.Sc.,M.Phil.,Ph.D.  
Associate Professor of Zoology,  
St. John's College.  
Mob; 9442796046  
Email ; isaacsuthar@gmail.com

### Subject Expert-1

Dr.V.Lakshmi MSc,MPhil,Phd  
Assistant Professor of Zoology,  
PG and Research Centre of Zoology  
P.M.T College, Melanelithanallur.  
Email: moselakshmi@gmail.com  
MOB: 9944144619

### Subject Expert-2

Dr.D. JeyaPrabha., MSc,,MPhil.,Phd.,  
Assistant Professor,  
Nazareth Margosis College at Pillaiyanmanai.  
MOB ; 9486169644  
Email ; jayaprabhadanielraj@gmail.com.

### 4. Schedule of the Annual Academic Audit

<b>11<sup>th</sup> August -2018 (Fore noon )</b>	
<b>Timing</b>	<b>Activity</b>
10:00 AM – 10:30 AM	Meeting of the Panel with the Principal and IQAC coordinator in Principal's Office along with Head of the department of Zoology.
10:30 AM – 11:15 AM	Overall presentation (PPT) about the department
11:15 AM – 11:30 AM	Tea Break
11:30 AM – 11:50 AM	Meeting UG students in aided stream
11:50 AM – 12:10 PM	Meeting PG students in aided stream
12:10 PM – 12:30 PM	Meeting student representatives of both UG and PG classes in aided stream
12:30 PM – 01:00 PM	Meeting M.Phil. and Ph.D. research scholars
<b>After noon</b>	
<b>Timing</b>	<b>Activity</b>
02:00 PM – 02:30 PM	Entry Meeting of the Panel in the Department
02:30 PM – 03:00 PM	Visiting Infrastructure



03:00 PM – 04:00 PM	Verifying the Audit Report and the Support Evidences
04:00 PM – 04:15 PM	Tea Break
04:15 PM – 04:45 PM	Verifying the Audit Report and the Support Evidences
04:45 PM – 05:30 PM	Preparation of the Annual Audit Report
05:30 PM – 06:00 PM	Exit Meeting with the Principal and IQAC coordinator in Principal's Office

## **5. Department Profile**

### **5.1 About the department**

The Department of Zoology has the distinction of catering to the academic needs of graduates, postgraduates and research students. The degree course started in 1963 was upgraded to the postgraduate status in 1986. Two years later, in 1988, M.Phil. degree course was introduced. In the year 1997, Ph.D research programme was also commenced, with the recognition of the Zoology Research Centre by ManonmaniamSundaranar University, Tirunelveli. The department is equipped to provide optimal solutions to student delight by adopting newer technologies. Sericulture as a vocational subject for the B.Sc. Zoology students was conducted from the year 1977 to 2003 with the assistance from the UGC and under this programme students were given on the job training in Sericulture.

The department is furnished with a good range of research journals, academic textbooks and sophisticated laboratory equipments. They are utilized for the regular and research activities of the students as well as the staff members. We have conducted UGC sponsored seminar and conference. Generally, seminar and conference conducted by our department focused themes on environmental awareness, biodiversity conservation and recent advance techniques in biology. Our department is well-equipped with the necessary and relevant laboratory and field oriented resources in basic and applied community extension research activities especially in vermiculture, sericulture, animal behavior, pollution, biodiversity, conservation, water quality, etc. The faculty members continuously engage themselves not simply in academic achievement of students but also

in research activities and also publish their findings in reputed journals of national and international status.

Separate and adequate laboratories are available for B.Sc., M.Sc., M.Phil and Research programmes. Provisions are available to carryout practicals related to molecular biology, microbiology, immunology, endocrinology and biochemistry. A well furnished research laboratory is available in working condition for animal and silkworm research in addition to the wet lab, biochemistry lab, biotechnology lab and instrumentation room creating a conducive environment for research as well as advanced learning.

An animal house has been constructed, specially, to rear bats in the Zoology Research Centre. This is used to study and know the minimum requirements for keeping tropical fruit bats in captivity. This will help us to maintain and care the orphan bats or injured bats and to get scientific information on growth studies, energetics, physiological or behavioural evaluation.

The bat rearing chamber is an octagonal chamber fitted with glass cubicle to facilitate observation without disturbing the bats. The glass cubicle was fitted in a manner that each and every corner of the chamber could be seen clearly, which helped to observe the natural activities of bats. Wooden poles fitted with aluminium wires were provided on the roof of the chamber to facilitate roosting of bats. The floor of the chamber was covered with sand for easy removal of the bolus and guano that may fall on the floor. Since sunlight diffused into the chamber through glass windows during daytime, the animals were subjected to natural day and night cycle during the rearing period. Many research studies have been carried out using this animal house and major projects were completed using this facility. More than 10 M.Phil. Projects were accomplished and 5 Ph.D. programmes were completed using this rearing chamber alone. The sericulture laboratory was constructed with this objective utilizing the financial assistance received from U.G.C. for "Vocational Sericulture Course" between the years 1997 and 2002. The centre has enough infra structure to rear many laying at a time and is also designed to grow bivoltine races too. The lab is also suitable for egg production. The centre has produced 2 Ph.D. and more than 25 M.Phil scholars. Most of the research work concentrated on evolving region specific varieties – both silkworm races as well as mulberry variety.

### List of Pioneers

1.	Prof. M.H. Martin	1959- 1989
2.	Prof. Daniel Wesley	1962 - 1973
3.	Dr. J. Balasingh	1968 - 2004
4.	Prof. M.S. Muthiah	1969 - 1994
5.	Prof. P. Jacob	1969 - 2003
6.	Prof. D. Augustine Jebaraj	1970 - 2000
7.	Dr. R. RajakumarKoilpillai	1973 - 2010
8.	Dr. D. Jones Nelson	1986 - 2001
9.	Dr. John Wycliff	1986 - 1994
10.	Dr. Albert Rajendran	1987 - 2012
11.	Dr. NaliniJeyakumar	1988- 1995
12.	Dr.Mohanraj Ebenezer	1994 - 2014
13.	Dr. H. M. Mahilini	1987 - 2016

### 5.3 Best Practices of our Department:

For the Student by the Student.

Constructing the Character.

### 5.4 Infrastructure in the Department

S.No	Items	No
1	Classrooms	5
2	Laboratory	3
3	Reading Room	1
4	Staff room	1
5	Research Lab	4
6	Sericulture	1
7	Bat house	1
8	Computers	2

### 5.5 Department Library Facilities

1. Number of Books – 3224
2. Number of Journals - 6

### 5.5 Activities

Celebrated Inaugural Function of Zoology Association on 01.09.2017

Conducted Zoology Association Meeting on 5<sup>th</sup> January 2018.

Celebrated Valedictory Function of Zoology Association on 20.04.2018.

### 5.6 Faculty Profile :

Faculty Strength	Total Staff – 11 Men – 5 Women – 6	
Qualification	Ph.D. – 10 NET – 0	M.Phil. – 11 SET – 1

### 6.1 List of the Faculty members in Aided stream

S. No.	Name of the Staff	Qualification	Designation and Responsibilities	Date of Joining	Area of Specialisation
1	Dr. B. Jawahar Samuel	M.Sc., MPhil., Ph.D.	Associate Professor	28.3.1990	Endocrinology
2	Dr. S. Suthakar Isaac	M.Sc., Mphil., Ph.D	Associate Professor	13.12.1995	Chronobiology
3	Dr. M. Rajakumari	M.Sc., B.Ed, M.Phil., Ph.D	Associate Professor	21.6.1999	Ornithology
4	Dr. Miss. KarenhapEvangelin	M.Sc., Bed., Mphil., Ph.D	Assistant Professor	16.7.2001	Sericulture
5	Dr. Mrs. Ezhilmathi Sophia	M.Sc., M.Ed, M.Phil., Ph.D	Assistant Professor	30.8.2006	Ethology and Chemical signalling
6	Dr. Mrs. D.V. SheebaRajakumari	M.Sc., M.Ed, M.Phil., Ph.D	Assistant Professor	30.8.2006	Sericulture
7	Dr. P. Augustus Robince	M.Sc., M.Ed, M.Phil., Ph.D	Assistant Professor	8.11.2008	Chronobiology

8	Dr. Mrs. J. Vijila	M.Sc., B.Ed, M.Phil,	Assistant Professor	29.5.2009	Limnology
9	Dr.Mrs. L. Jansi Rani	M.Sc., MPhil.,Ph.D.	Assistant Professor	29.5.2009	Sericulture
10	Dr. D. Paramanatha Swami Doss	M.Sc., M.Phil., Ph.D.	Assistant Professor	17.10.2016	Chiropteran Molecular Ethology
11	Dr. D. Stephenraj	M.Sc., M.Phil., Ph.D.	Assistant Professor	17.10.16	Chronobiology

## 6.2 Research And Consultancy 2017- 2018

**D Paramanantha Swami Doss, HRaghuran, S, Muthuselvan, MR Sudhakaran, SSuthakar Issac** (2018) Postnatal growth and age estimation in a tropical insectivorous bat, *Hipposideros speoris*, International Journal of Zoology and Applied Biosciences. 2455-9571.

P. Beulash Rose Rani , **D.V. Sheeba Rajakumari** (2018) A Study on pigeon production systems and challenges in pigeon farming in Tuticorin District Tamil Nadu, India. The international Journal of Economics and Business Management. ISSN 2250-2750.

P .Beulash Rose Rani, and **D.V. Sheeba Rajakumari** (2018) A Study on Social Skills in relation to Occupational Self- Efficacy of Pigeon Breeders at Tuticorin District, Tamil Nadu, Shanlax Publications .ISSN :978-93-87871-27-4.

## 6.3 List of the Faculty members, based on API Score

S. No	Name of the Faculty	Designation	API Score
1	Dr. B. Jawahar Samuel	Head & Associate Professor	<b>117</b>
2	Dr. S. Suthakar Issac	Associate Professor	<b>145.5</b>
3	Dr. M. Rajakumari Ebenezer	Associate Professor	<b>122</b>
4	Dr. Miss. Kerenhap Evangelin	Associate Professor	<b>126</b>
5	Dr. Mrs. Ezhilmathi Sophia	Associate Professor	<b>130.5</b>
6	Dr. Mrs. D.V. Sheeba Rajakumari	Assistant Professor	<b>151.5</b>

7	Dr. P. Augustus Robince	Assistant Professor	<b>109.5</b>
8	Mrs. J. Vijila	Assistant Professor	<b>116.5</b>
9	Mrs. L. Jansi Rani	Assistant Professor	<b>106.5</b>
10	Dr, Paramanatha Swami Doss	Assistant Professor	<b>135</b>
11	Dr.Stephenraj	Assistant Professor	<b>100</b>

## 7. Students' Profile

### 7.1 Students' Statistics for the year 2017-18

The students are admitted on each course based on the Government schemes of reservation. The community-wise students' statistics are given below:

Course	SC	ST	OBC	OC	Minority	Total
I B.Sc.	<b>8</b>	<b>0</b>	<b>17</b>	<b>2</b>	<b>13</b>	<b>40</b>
II B.Sc.	<b>6</b>	<b>0</b>	<b>14</b>	<b>1</b>	<b>15</b>	<b>36</b>
III B.Sc.	<b>6</b>	<b>1</b>	<b>20</b>	<b>0</b>	<b>7</b>	<b>34</b>
I M.Sc.	<b>3</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>3</b>	<b>13</b>
II M.Sc.	<b>3</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>3</b>	<b>12</b>
M.Phil.	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>3</b>	<b>8</b>

### 7.2 List of the Students representatives

Course	Name of student's representative
I B.Sc.	M. Anaikutty
II B.Sc.	M. Bavatharani
III B.Sc.	J. Boomadevi
I M.Sc.	S. Nivetha
II M.Sc.	J. Priyadharshini
M. Phil	R. Pooja

### 7.3 List of Ongoing Scholars under Supervisor

S. No.	Name of the Scholar with Register Number	Name of the Supervisor	Full Time / Part Time	Date of Commencement
1	Mr. J. Dhivahar (9713)	Dr.Suthakar Isaac	Full Time	2012
2	Mr. Sathesh (10266)	Dr. W. KerenhapEvangelin	Full Time	2013
3	Mr. J. Sundararaj	Dr. W. KerenhapEvangelin	Full Time	2013
4	Mrs. P. Victoria Thangam (9359)	Dr.Ezhimathi Sophia	Part Time	2012
5	Mrs. P. Beula Rose Rani	Dr.SheebaRajakumai	Part Time	2017
6	Mr. S. Velpandi	Dr.Paramanatha Swami Doss	Part Time	2017

### 7.4 List of Completed Ph.D. Scholars under Supervisor

S. No.	Name of the Scholar with Register Number	Name of the Supervisor	Title of the thesis	Year of Completion
1	Mr. Sathesh (10266)	Dr. W. KerenhapEvangelin	Effect of Artificial Diet with vitamin C on Rearing Performance Bioassay, Chemoassay and Haematological Studies on Silk Worm <i>Bombyx mori. L</i>	2013
2.	Mrs. P. Victoria Thangam (9359)	Dr.Ezhimathi Sophia	Comparative study on selective properties of guano and gastro intestinal tract of three species of Microchiropteran bats.	2012

## 7.5 Students' Achievements

### Awards for Studies

S.No	Name	Rank in MS University	Year	Course
1	J. Priyadharshini	4 <sup>th</sup> Rank	2018	M. Sc.
2	V. Muthumari	5 <sup>th</sup> Rank	2018	M. Sc.

### Students qualifying in state/national/international level examinations

NIL

## 7.6 Placement Details

Programme Name	Batch	Number of students passed in final year examination	Number of students enrolled into higher education	Number of students placed in jobs
B.Sc.	2015 – 2018	16(27)	12	0
M.Sc.	2016 – 2018	4(11)	3	2
M.Phil.	2017 – 2018	5(8)	2	0

## 8. Curriculum

Zoology makes a huge impact on our world through the scientific study of microbiology, genetics, Evolution, conservation, biodiversity, behaviour, physiology, ecosystem and husbandry.

The curriculum aims at providing basic tools and exposure to students.

It is being revised periodically and followed the course structure that as prescribed by Manonmaniam Sundaranar university.

The programme structure of the B.SC, M.SC, and M.Phil.zoology are mentioned below.



## UG Programme Structure

Semester	Course code	Course Name	IM	EM	TM	H	C
I	SMZO11	Animal diversity I Invertebrate	25	75	100	5	4
	SMZO12	Animal diversity II Chordata	25	75	100	5	4
	SAPB11	Plant Diversity and Medicinal Botany	25	75	100	6	3
II	SMZO21	Developmental Zoology	25	75	100	5	4
	SMZO22	Ecology, Toxicology and Evolution	25	75	100	5	4
	SAPB21	Plant Anatomy, Embryology, Physiology and Biotechnology	25	75	100	6	3
III	SMZO31	Cell and Molecular Biology	25	75	100	6	4
	SSZO3B	Nutrition and Dietetics	25	75	100	4	4
	GACH11	Allied Chemistry					
	SNBP3A	SArdening and SArden Management	25	75	100	2	2
IV	SMZO41	Genetics	25	75	100	6	4
	SSZO4B	Vermi technology	25	75	100	4	4
	SNPB4B	Botanay for Competitive examinations					
	SNBP4B	Bioresources	25	75	100	2	2
V	SMZO51	Animal Physiology and Biochemistry	25	75	100	7	5
	SMZO52	Animal Biotechnology	25	75	100	7	5
	SMZO5F	Poultry Science	25	75	100	6	5
VI	SMZO61	Applied Biotechnology	25	75	100	6	5
	SMZO62	Immunology and Microbiology	25	75	100	6	5
	SMZO63	Biostatistics, Computer Applications and Bioinformatics	25	75	100	6	5
	SMZO6A	Aquaculture	25	75	100	6	5

IM – Internal Marks, EM – External Marks, TM – Total Marks, H – Hours/week, C – Credits.

### PG Programme Structure

Semester	Course code	Course Name	IM	EM	TM	H	C
I	PZOM11	Biological Chemistry	25	75	100	6	4
	PZOM12	Cell and Molecular Biology	25	75	100	6	4
	PZOM13	Developmental Biology	25	75	100	6	4
II	PZOM21	Microbiology	25	75	100	5	4
	PZOM22	Environmental Biology and Biodiversity	25	75	100	5	4
	PZOM24	Entomology	25	75	100	5	4
III	KZOM43	Immunology	25	75	100	6	4
	KZOM31	Animal Physiology	25	75	100	6	4
	KZOM42	Genetics	25	75	100	5	4
IV	KZOM41	Biotechnology	25	75	100	6	4
	KZOM33	Aquaculture	25	75	100	6	4
	KZOE31	Research Methodology	25	75	100	5	4

IM – Internal Marks, EM – External Marks, TM – Total Marks, H – Hours/week, C – Credits.

### M.Phil. Programme Structure

Semester	Course code	Course Name	IM	EM	TM	H	C
I	PZOC11	Research Teaching Methodology	25	75	100	4	4
	PZOC21	Advanced In Animal Biotechnology and Nano technology	25	75	100	4	4
	PZOO24	Sericulture	25	75	100	4	4
	PPHC2D	Dissertation & Viva - voce					
II	HZOO24	Project and Viva Voce	50	50	100		12

IM – Internal Marks, EM – External Marks, TM – Total Marks, H – Hours/week, C – Credits.

### 8.4 Course Evaluation Pattern

This program is under Choice Based Credit System of the University. Each paper is evaluated for 100 marks with Internal 25 marks and External 75 marks. The duration of the examination is 1 hour for internal assessment test and 3 hours for external examination.

The pattern for internal assessment and the external examination are as follows:

#### For UG courses

Internal Evaluation Pattern		External Evaluation Pattern	
Average of Best of two from three internal assessment test	= 20	Section A (10x1=10)	= 10
		Section B (5x5=25)	= 25
Assisnments/Seminars	= 05	Section C (5x8=40)	= 40
Total Marks	= 25	Total	= 75

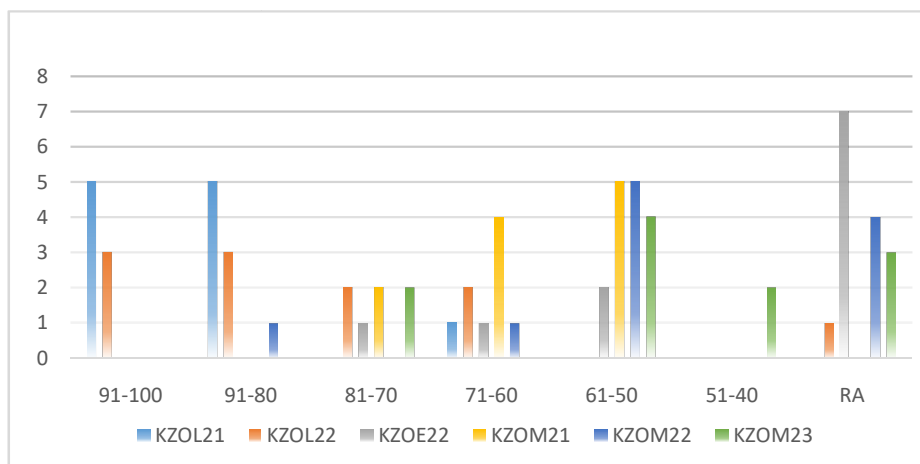
#### For PG and M.Phil. Courses

Internal Evaluation Pattern		External Evaluation Pattern		Project Evaluation Pattern	
Average of Best of two from three internal assessment test	= 15	Section A (10x1=10)	= 10	Continuous Internal Assessment Marks	50
Assisnments	= 05	Section B (5x5=25)	= 25	End Semester Examination Marks	50
Seminars	= 05	Section C (5x8=40)	= 40		
Total Marks	= 25	Total	= 75	Total Marks	100

### 8.5 Result Analysis

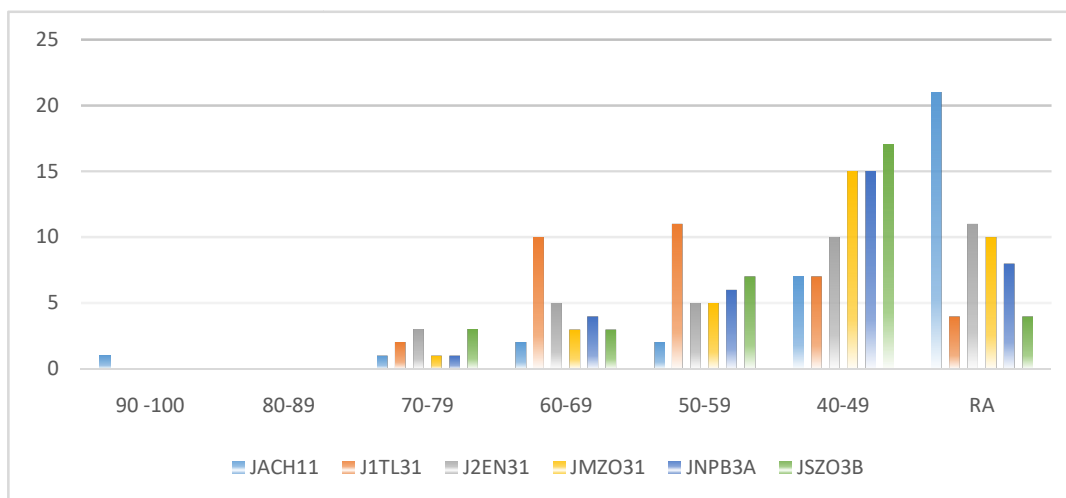
External examinations are conducted by ManonmaniamSundaranar University and the corresponding results are declared after evaluation. The subject-wise result analysis is made by course instructors which will be helpful to understand the quality of classroom teaching and observation about each course. The analysis of the result for NOV 2017 and APRIL 2018 University examinations are represented graphically

**Nov 2017 result analysis  
B.Sc. Zoology (semester I)**



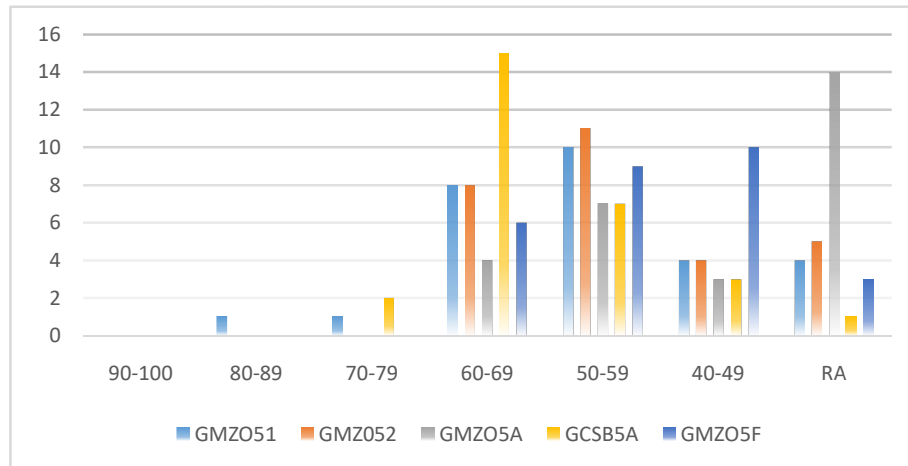
- In B.Sc. Zoology (semester I) the percentage mostly falls between the range 60-40
- On an average 3.5% reappear in the examinations and 76.6% of students gain 60% grade and above invariably in all subjects

**Nov 2017 result analysis  
B.Sc. Zoology (semester III)**



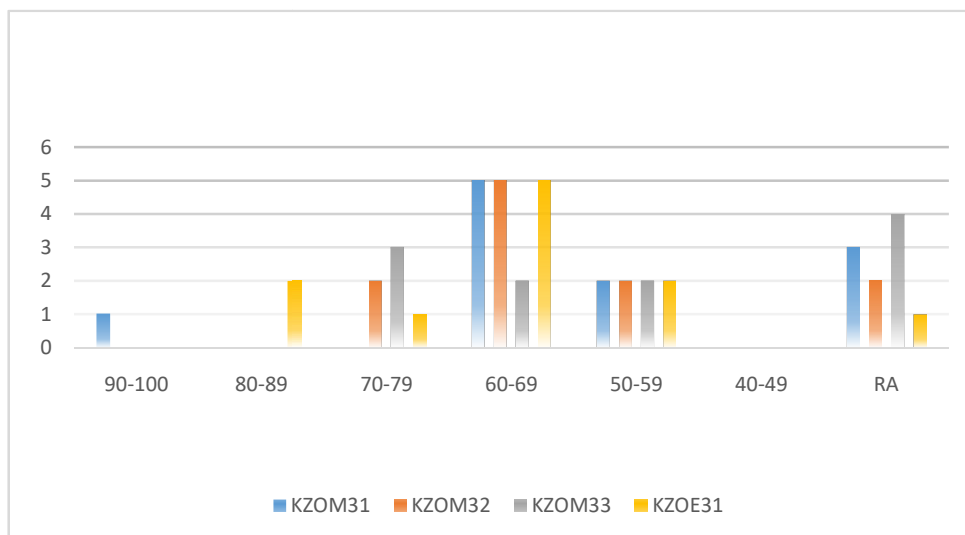
- In B.Sc. Zoology (semester III) the percentage mostly falls between the range 70-40
- On an average 3.5% reappear in the examinations and 97.6% of students gain 60% grade and above invariably in all subjects

**Nov 2017 result analysis**  
**B.Sc. Zoology (semester V)**



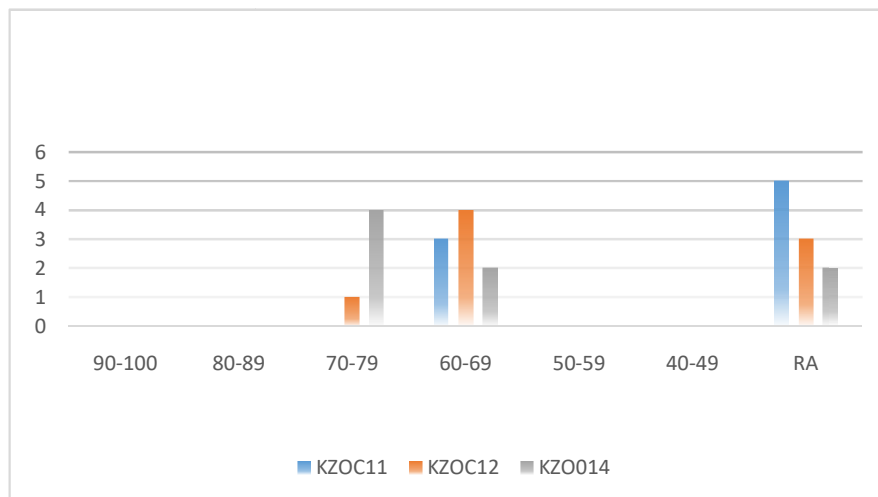
- In B.Sc. Zoology (semester V) the percentage mostly falls between the range 60-40
- On an average 5.1% reappear in the examinations and 93% of students gain 60% grade and above invariably in all subjects

**Nov 2017 result analysis**  
**M.Sc. Zoology (semester I)**



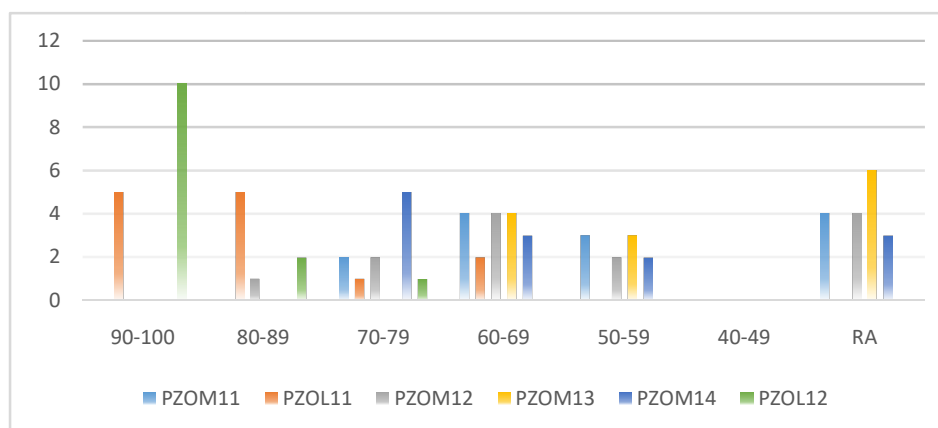
- In M.Sc. Zoology (semester I) the percentage mostly falls between the range 70-50
- On an average 4.5% reappear in the examinations and 30.6% of students gain 70% grade and above invariably in all subjects

**Nov 2017 result analysis**  
**M.Sc. Zoology (semester III)**



- In M.Sc. Zoology (semester III) the percentage mostly falls between the range 60-50
- On an average 4.4% reappear in the examinations and 19.6% of students gain 60% grade and above invariably in all subjects

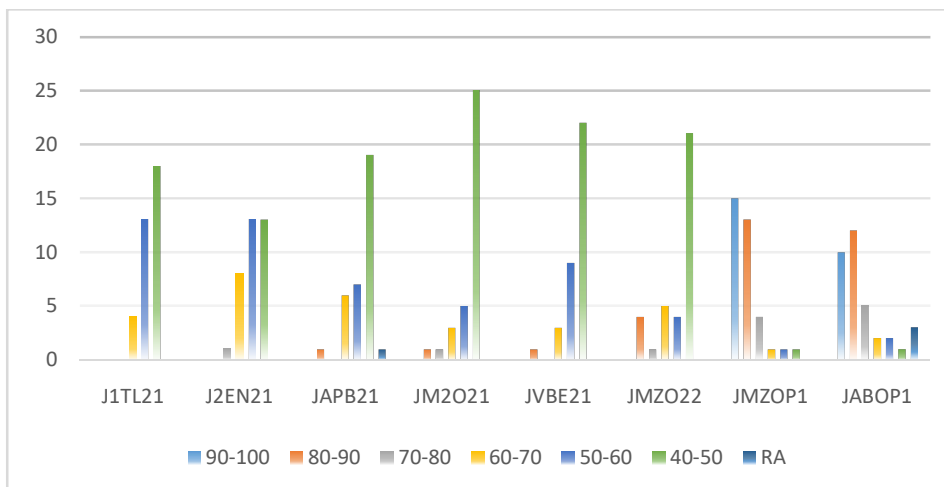
**Nov 2017 result analysis**  
**M.Phil. Zoology (semester I)**



- In M.Phil. Zoology (semester I) the percentage mostly falls between the range 70-60
- On an average 2.4% reappear in the examinations and 3% of students gain 60% grade and above invariably in all subjects

### April 2018 result analysis

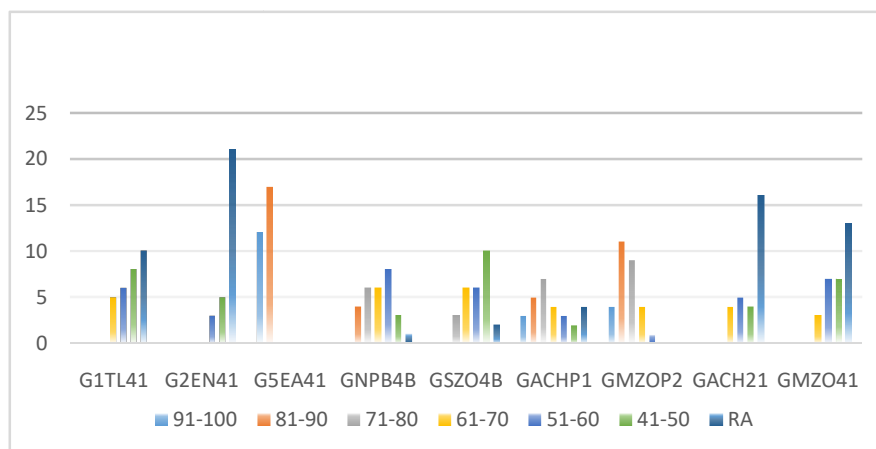
#### B.Sc. Zoology (semester II)



- In B.Sc. Zoology (semester II) the percentage mostly falls between the range 80-50
- On an average 7% reappear in the examinations and 76.6% of students gain 80% and above invariably in all subjects

### April 2018 result analysis

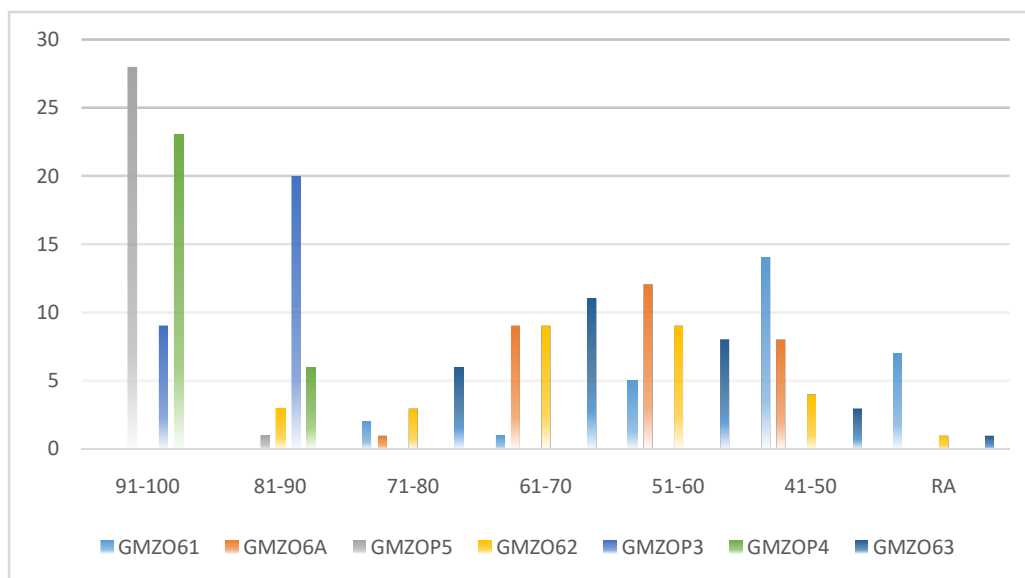
#### B.Sc. Zoology (semester IV)



- In B.Sc. Zoology (semester IV) the percentage mostly falls between the range 60-50
- On an average 3.9% reappear in the examinations and 84% of students gain 60% and above invariably in all subjects

### April 2018 result analysis

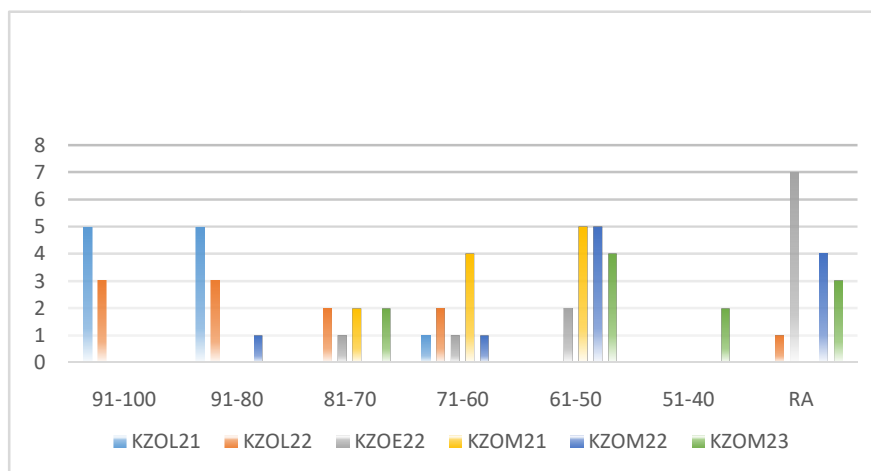
#### B.Sc. Zoology (semester VI)



- In B.Sc. Zoology (semester VI) the percentage mostly falls between the range 90-60
- On an average 2.6% reappear in the examinations and 84% of students gain 60% and above invariably in all subjects

### April 2018 result analysis

#### M.Sc. Zoology (semester II)

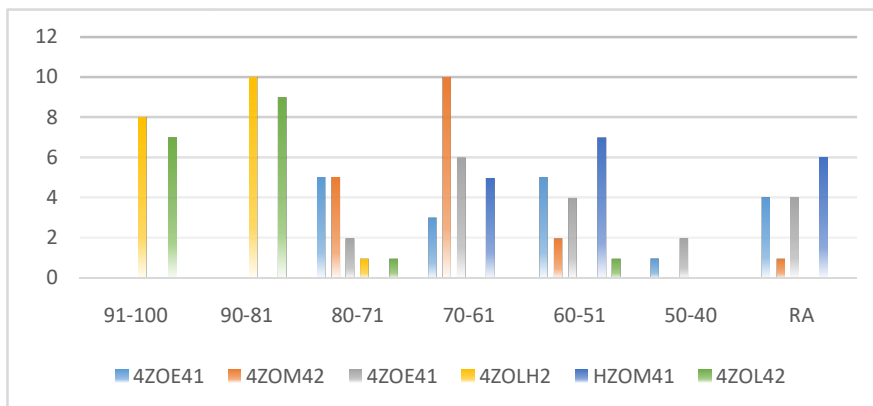


- In M.Sc. Zoology (semester II) the percentage mostly falls between the range 80-50
- On an average 4.4% reappear in the examinations and 43.7% of students gain 60% and above invariably in all subjects



### April 2018 result analysis M.Sc.

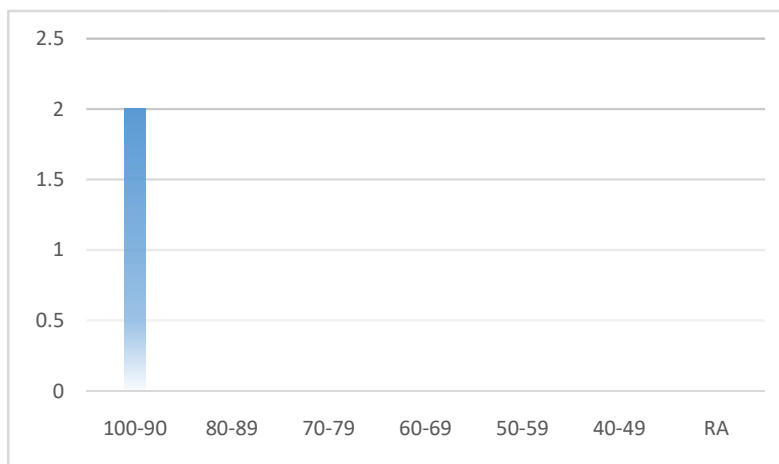
#### Zoology (semester IV)



- In M.Sc. Zoology (semester IV) the percentage mostly falls between the range 90-60
- On an average 7.2% reappear in the examinations and 77% of students gain 90% and above invariably in all subjects

### April 2018 result analysis

#### M.Phil. Zoology (semester II)



- In M.Phil. Zoology (semester II) the percentage mostly falls between the range 100-90
- On an average 0% reappear in the examinations and 100% of students gain 100% and above invariably in all subjects

The details of outgoing students that are appeared as well as passed in the April 2018 University examinations, are given below:

<b>Programme name</b>	<b>Batch</b>	<b>Number of students appeared in the final year examination</b>	<b>Number of students passed in the final year examination</b>	<b>Pass percentage</b>
B.SC	2015-2018	29	20	88%
M.SC	2016-2018	18	3	31%
M.PHIL	2018	2	2	100%

## **9. Outcome**

### **Outcome of the students meeting**

- Students felt that the infrastructure provided by the college and department is GOOD.
- The rules and regulations of the department were appreciated.
- They felt that the Staff of the department are having best expertise and experience and are handling classes in a very interactive way.
- Curriculum was well appreciated.
- Students retiring room is not sufficient and the lady's students are expected more facilities in their retiring room.

### **Outcome of the Faculty meeting**

- They felt very proud to serve for this institution.
- EPF contribution was also appreciated.
- Friendly and professional academic environment created by HOD is well interacted for the betterment.





## **10. Overall assessment**

- The evaluation process followed by the department is good.
- Course academic plan and implementation are recorded properly.
- Practice of wearing uniform is appreciated.
- Curriculum creates a good impact on the outcome of the students.
- Library facility in the department is quite good.
- Publications and participations in FDP, seminars, conferences and workshops by faculty members are minimal.


## **11. Suggestions**

- More number of text books has to be purchased.
- More Indexed journals especially Scopus indexed to be subscribed.
- Publications and participations in FDP, seminars, conferences and workshops by faculty members are to be increased.
- External funded research projects to be taken up by the faculty members.
- Student has to be motivated to write carrier oriented online exams for the placements.
- Syllabus for Research domain and self-learning courses may be clearly defined and it is to be included in more areas.

## 12. Signature of the Academic Audit Panel Members

<p><b>Chair Person</b>  <b>Dr. B. Jawahar Samuel M.Sc.,M.Phil.,Ph.D.</b>          Associate Professor of Zoology,          St. John's College,          Palayamkottai 627002, Tamil Nadu.          Mob: +91 63741 09616          Email: drbjsamuel@yahoo.co.in</p>	 <b>Dr. B. JAWAHAR SAMUEL, Ph.D.</b> Associate Professor and Head Research Department of Zoology St. John's College Palayamkottai, Tirunelveli - 627 002.
<p><b>Co-ordinator</b>  <b>Dr. S. Suthakar Isaac M.Sc.,M.Phil.,Ph.D.</b>          Associate Professor of Zoology,          St. John's College.          Email ; isaacsuthar@gmail.com          MOB; 9442796046</p>	 <b>Dr. S. SUTHAKAR ISAAC</b> Research Department of Zoology St. John's College, Palayamkottai-627002 Tamil Nadu, INDIA
<p><b>Subject Expert-1</b>  <b>Dr. V. Lakshmi, MSc, MPhil, Phd</b>          Assistant Professor of Zoology,          PG and Research Centre of Zoology          P.M.T College, Melanelithanallur.          Email: <a href="mailto:moselakshmi@gmail.com">moselakshmi@gmail.com</a>          MOB: 9944144619</p>	 <b>Dr. V. LAKSHMI, M.Sc.,M.Phil.,Ph.D.</b> Assistant Professor PG & Research Dept. of Zoology PMT College, Melaneelithanallur, Tirunelveli Dist. PIN - 627 953.
<p><b>Subject Expert-2</b>  <b>Dr. D. Jeya Prabha, M.Sc., M.Phil., Ph.D.,</b>          Assistant Professor,          Nazareth Margosis College at          Pillaiyanmanai.          MOB ; 9486169644          Email ; jayaprabhadanielraj@gmail.com</p>	 <b>Dr. D. JAYAPRABHA M.Sc., M.Phil., M.Ed., Ph.D.</b> Department of Zoology. Nazareth Margoschis College at Pillaiyanmanai, Nazareth-628 617

  
**IQAC Coordinator**  
**Dr. A. Arulgnanam**  
**IQAC COORDINATOR**  
**ST JOHN'S COLLEGE**  
**PALAYAMKOTTAI**

  
**Principal**  
**PRINCIPAL**  
**ST. JOHN'S COLLEGE**  
**PALAYAMKOTTAI - 627 002**



**ST. JOHN'S COLLEGE PALAYAMKOTTAI  
TIRUNELVELI – 627 002**

[sjc1878@stjohnscollege.edu.in](mailto:sjc1878@stjohnscollege.edu.in), [www.stjohnscollege.edu.in](http://www.stjohnscollege.edu.in)



# **Annual Academic Audit Report**

---

**2017-18**

**Department of Computer  
Science**

**5<sup>th</sup> & 6<sup>th</sup> March 2018**

## Table of Contents

1. Introduction .....	2
2. Objectives of Academic Auditing: .....	<b>Error! Bookmark not defined.</b>
3. Academic Audit Panel Members .....	2
4. Schedule of the Annual Academic Audit .....	3
5. Department Profile .....	4
5.1 About the Department.....	4
5.2 Best Practises of the Department.....	4
5.3 Infrastructure in the Department .....	4
5.4 Department Library Facilities.....	5
6. Faculty Profile.....	5
6.1 List of the Faculty members .....	6
7. Students' Profile.....	6
7.1 Student's Statistics for the year 2018-2019 .....	6
7.2 List of the student representatives .....	6
7.3 Students' Achievements .....	7
7.4 Placement Details.....	7
8. Curriculum.....	7
8.1 UG Programme Structure .....	8
8.3 Course Evaluation Pattern .....	10
8.4 Result Analysis .....	10
9. Outcome.....	13
10. Overall assessment.....	14
11. Suggestions .....	14
12. Signature of the Academic Audit Panel Members .....	15

## **1. Introduction**

It is a faculty-driven model of ongoing self-reflection, collaboration, teamwork and peer feedback. It is based on structured conversations among faculty, stakeholders and peer reviewers all focused on a common goal: to improve quality processes in teaching and learning and thus enhance student success. Academic and Administrative Audit (AAA), are very essential for the excellence in Higher Education. These are interrelated concepts. Thus in order to have a quality oriented academic, there should be a strong administrative background. Academic audit can be understood as a scientific and systematic method of reviewing the quality of academic processing.

## **2. Objectives of Academic Audit**

1. To understand the existing system and assess the strengths and weaknesses of the Departments and Administrative Units and to suggest the methods for improvement and for overcoming the weaknesses.
2. To identify the bottlenecks in the existing administrative mechanisms and to identify the opportunities for academic reforms, administrative reforms and examination reforms etc.
3. To evaluate the optimum utilization of financial and other resources.
4. To suggest the methods for continuous improvement of quality keeping in mind criteria and reports by NAAC and other bodies.

## **3. Academic Audit Panel Members**

The Name, Designation and Address of Academic Audit Experts are given in detail:

### **Chair Person**

Mrs.R.VenishiaLeena Mary M.Sc., M.Phil., M.Tech. SET  
Head &Associate Professor of Computer Science,  
St. John's College,  
Palayamkottai 627 002, Tamil Nadu.  
Mob.: +91 9080886858, e-mail id: [leenacollins@rediffmail.com](mailto:leenacollins@rediffmail.com)

### **Co-ordinator – 1**

Mrs.J.NancyAnnajothi MCA.,M.Phil  
Assistant Professor of Computer Science (SF),  
St. John's College,  
Palayamkottai 627 002, Tamil Nadu.  
Mob.: +91 9655877667, e-mail id: [jjk.nancy@gmail.com](mailto:jjk.nancy@gmail.com)

### **Co-ordinator – 2**

Mr. R. David vinodhkumarpaul  
Assistant Professor of Computer Science (SF),  
St. John's College,  
Palayamkottai 627 002, Tamil Nadu.  
Mob.: +91 9994639329, e-mail id: blessingdavid2002@gmail.com

### **Subject Expert – 1**

Mrs.Nancy Jasmine Goldena  
Asst. Professor,  
Department of Computer Application,  
Sarah Tucker College,  
Perumalpuram , Tirunelveli  
Mob.: +91 9487081610 Email Id nancylordwin@gmail.com

### **Subject Expert – 2**

Mr.A.Arul Amalraj MCA.,ME(CSE)  
Assistant Professor of MCA Dept.,  
Francis Xavier Engineering College  
Vannarapettai, Tirunelveli, Tamil Nadu.  
Mob.: +91 9944627191, e-mail id:arulamalraj@gmail.com

## **4. Schedule of the Annual Academic Audit**

<b>DAY 1 (5<sup>th</sup> March 2018)</b>	
<b>Timing</b>	<b>Activity</b>
12:00 PM – 1PM	Meeting of the Panel with the Principal and IQAC coordinator in Principal's Office along with the Head of Mathematics.
1 PM -2 PM	Department overall presentation in the Department along with IQAC coordinator and the Panel
02:15 PM – 2:30 PM	Tea Break
2:30 PM – 2:40 PM	Meeting the student representatives of UG and PG classes
02:40 PM – 03:10 PM	Meeting the UG students
03:10 PM – 03:40PM	Meeting the PG students
03:40 PM – 04.00 PM	Tea Break
<b>DAY 2 (6<sup>th</sup> March 2018)</b>	
<b>Timing</b>	<b>Activity</b>



10:00 AM – 10:30 AM	Entry Meeting of the Panel in the Department
11:00 AM – 11:30 AM	Visiting the Infrastructure
11:30 AM – 12:30 PM	Verifying the Audit Report and the Support Evidences
12:30 PM – 01:30 PM	Lunch Break
01:30 PM – 02:30 PM	Verifying the Audit Report and the Support Evidences
02:30 PM – 04:00 PM	Preparation of the Annual Audit Report
04:00 PM – 04:30 PM	Exit Meeting with the Principal and IQAC coordinator in Principal's Office

## 5. Department Profile

### 5.1 About the Department

The Department of Computer Science was started in 1992. The department is mainly concerned with development and applications of software (Desktop applications and web applications), with a brief knowledge of hardware. Students learn fundamental concepts of computer hardware and software, and become familiar with a variety of computer applications including word-processing, spreadsheets, databases, languages (.NET, Python programming, etc.) and multimedia presentations.

The Department of Computer Science is a well-established and highly recognized department in the University both in terms of academics and student strength in its graduate and undergraduate programs.

The department regularly updates its curriculum in accordance with UGC guidelines as well as latest advancements in the relevant fields. Majority of the teachers are keenly and productively involved in research and pedagogical advancement.

There are ample job opportunities in the field of Computer Science & Applications such as, Application analyst, Business analyst, Data analyst, Database administrator.

### 5.2 Best Practices of the Department

- The department not only focuses on nurturing both curricular and extracurricular talent / skills of students but also makes an endeavour to play a vital role in the applications of computers by promoting innovative work.
- Students are taught specific skills from the area of application which are necessary for the creation and application of software systems by maintaining balance between theoretical and practical knowledge.

### 5.3 Infrastructure in the Department

S. No.	Items	Verification (Yes/No)	Comments
1	No. of class rooms	Yes	3
2	No. of laboratories	Yes	One
3	Computers for teachers	Yes	Available
4	Computers for students & scholars	Yes	Available
5	Internet access and related software	Yes	Available
6	Uninterrupted Power Supply	Yes	Available
7	Water Supply	Yes	Available

### 5.2 Department Library Facilities

Area in sq. Ft.	Total No. of Books Available	Total No. of Journals Available
284	941	-

## 6. Faculty Profile

Faculty Strength	Total Staff – 06 Men – 03 Women –03
Qualification	Ph.D. – 0 NET – 0 SET – 02 M.Phil. – 6

### 6.1 List of the Faculty members

S. No.	Name of the Staff	Qualification	Designation and Responsibilities	Date of Joining	Area of Specialisation
1	Mrs.R.VenishiaLeena Mary	M.Sc., M.Phil., M.Tech.,SET.,(Ph.D)	Associate Professor & Head	23/7/1996	Fog Computing
2	Mr.J.Jeyasingh	MCA., M.Phil.,M.Tech	Associate Professor,	16/12/1998	Computer Networks
3	Mrs. J.NancyAnnajothi	MCA., M.Phil.	Assistant Professor,	24/8/2012	Data Mining
4	Mr. B.PravinSironmani	MCA., M.Phil.,SET., NET	Assistant Professor, Exam In-charge	18/6/2014	Deep Learning
5	Ms.P.Sudha	M.Sc., M.Phil.,	Assistant Professor, Library In-charge	18/6/2014	Digital Image Processing
6	Mr.R. David Vinothkumar	MCA., M.Phil.,	Assistant Professor, Lab-in Charge	10/8/2017	Data Structure

## 7. Students' Profile

### 7.1 Student's Statistics for the year 2017-2018

The students are admitted on each course based on the Government schemes of reservation. The community wise student's statistics are given below:

Course	SC	ST	OBC	OC	Minority	Total
I B.Sc.	4		31	6	9	50

II B.Sc.	3		31	3	11	48
III B.Sc.	2	0	24	10	12	48

## 7.2 List of the student representatives

Course	Name of student representative
I B.Sc.	R. Daniel Jeba Raja
II B.Sc.	H.Ganesh Prasad
III B.Sc.	A. Anand

## 7.3 Students' Achievements

### Students Placement for the year 2017-2018

S.No.	Name of the student	Placement Details & Higher Studies
1	Pravin Abraham A	Student(B.Ed) Scad College Of Education
2	Shunmugavel M	GrtJewellers, Tuiticorin
3.	Freedy Paul Devanesan M	Student Anna University, Tirunelveli
4.	Kailasam S	Progressive Experience Outcome
5.	S. Sudalaikannu	Tamilnadu Police, Tamil Nadu, India.
6.	L. Nova	Jrk, Chennai, Velachery, Chennai-600042, Tamil Nadu, India.
7.	S. Nagarajan	Jrk, Chennai, Velachery, Chennai-600042, Tamil Nadu, India.
8.	S. Sooriya	Tamilnadu Police, Tamil Nadu, India.
9.	V. SarathBabu	E-Care India, Royapettah, Chennai-600002, Tamil Nadu, India.
10.	B. Selvaganesh	Collabera, Nungambakkam, Chennai-600034, Tamil Nadu, India.
11.	A. Jerushah	E-Care India, Royapettah, Chennai-600002, Tamil Nadu, India.
12.	P. Sundarrajan	Indium, Chennai-600028, Tamil Nadu,

		India.
13.	S. Murugan	Ggvs, Sholinganallur, Chennai-600119, Tamil Nadu, India.
14.	Brighten	Word Is Life Studio, Tirunelveli District, Tamilnadu, India.
15.	V. Rajagopal	Dixy Comfort Redefined, Maniosai Nagar, Poosaripalayam, Chengapalli, Tirupur-638 812, India.
16.	Jebastin	Servetik It [Private Ltd, Plot No 455, 28 th Cross Street, Santhi Nagar, Palayamkottai, Tirunelveli-627002, Tamilnadu, India.
17.	D. Gilluburt Paul David	Karunya University, Karunya Nagar-641114, Coimbatore, Tamilnadu, India.
18.	G. KasiPandi	PSG College of Technology, Avinashi Road, Peelamedu-641 004, Coimbatore, Tamilnadu, India.

#### 7.4 Placement Details

Programme Name	Batch	Number of students passed in final year examination	Number of students enrolled into higher education	Number of students placed in jobs
B.Sc.	2014 – 2017	26	1	3

## 8. Curriculum

### The Programme Structure of the B.Sc

Semester	Course code	Course Name	IM	EM	TM	H	C
I	SMCS11	Programming in C	25	75	100	5	4

	SMCSP1	Programming in C lab	50	50	100	4	2
	SACS11	Discrete Mathematics	25	75	100	3	3
	SVS11	Environmental Studies	25	75	100	2	2
	SACSP1	Computer Basis Lab	50	50	100	2	2
II	SMCS21	Object Oriented Programming in C++	25	75	100	5	4
	SMCSP2	Programming in C++ Lab	50	50	100	4	2
	SACS21	Digital Design	25	75	100	3	3
	SACSP2	Linux Lab	50	50	100	4	2
	SVBE21	Valued Based Education	25	75	100	2	2
III	JMCS31	Web Technology	25	75	100	6	4
	JACS33	Computer Architecture	25	75	100	4	4
	JNIT3A	Introduction to IT	25	75	100	2	2
IV	JMCS41	Data Structure	25	75	100	6	4
	JACS41	E-Commerce	50	50	100	4	4
	JNCS4A	Basic Programming Design	25	75	100	2	2
	JMCS3P	Java Programming	25	75	100	6	4
	JMCS3P4	Data Structure Lab	25	75	100	6	5
	JACS3A	Python Lab	25	75	100	1T+3P	2
	JACS4A	PHP Lab	25	75	100	4	2
	JSCS3B	Scripting Lab	25	75	100	2	2
V	GMCS51	Software Engineering	25	75	100	4	4
	GMCS52	Computer Graphics and multimedia	25	75	100	4	4
	GMCS53	Web Technology	25	75	100	4	4
	GMCS5A	Artificial Neural Network	50	50	100	6	5
	GCSB5A	Personality Development	25	75	100	4	4
VI	GMCS61	Operating System	25	75	100	4	4
	GMCS62	Computer Networks &Data Communication	25	75	100	4	4
	GMCS63	Data Mining	25	75	100	4	4
	GMCS64	RDBMS	25	75	100	4	4
	GMCS3P5	Computer Graphics and Multimedia	50	50	100	8	4
	GMCS3P6	RDBMS with Oracle Lab	50	50	100	8	4

	GM CSP7	Software Development Lab	50	50	100	6	5
--	---------	--------------------------	----	----	-----	---	---

IM – Internal Marks, EM – External Marks, TM – Total Marks, H – Hours/week, C – Credits.

### 8.1 Course Evaluation Pattern

This program is under Choice Based Credit System of the University. Each paper is evaluated for 100 marks with Internal 25 marks and External 75 marks. The duration of the examination is 1 hour for internal assessment test and 3 hours for external examination.

The pattern for internal assessment and the external examination are as follows:

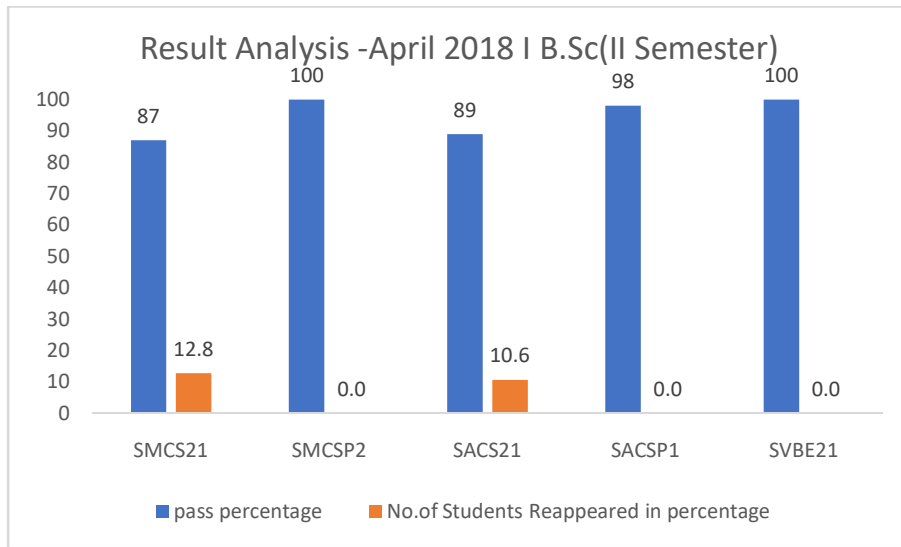
#### For UG courses

Internal Evaluation Pattern		External Evaluation Pattern	
Average of Best of two from three internal assessment test	=20	Section A (10x1=10)	=10
		Section B (5x5=25)	=25
Assignments/Seminars	=05	Section C (5x8=40)	=40
Total Marks	=25	Total	=75

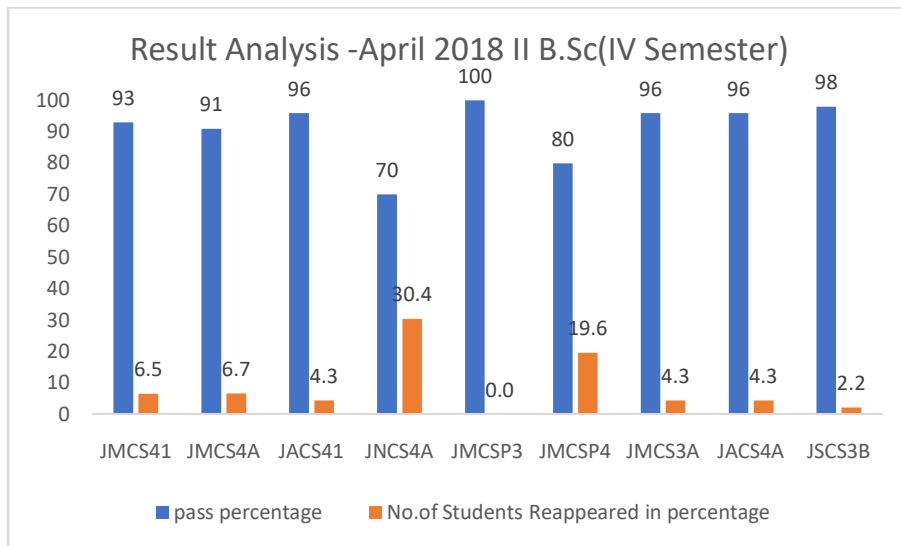
### 8.2 Result Analysis

External examinations are conducted by Manonmaniam Sundaranar University and the corresponding results are declared after evaluation. The subject-wise result analysis is made by course instructors which will be helpful to understand the quality of classroom teaching and observation about each course.

The analysis of the result for April 2019 and November 2019 University examinations are represented graphically:

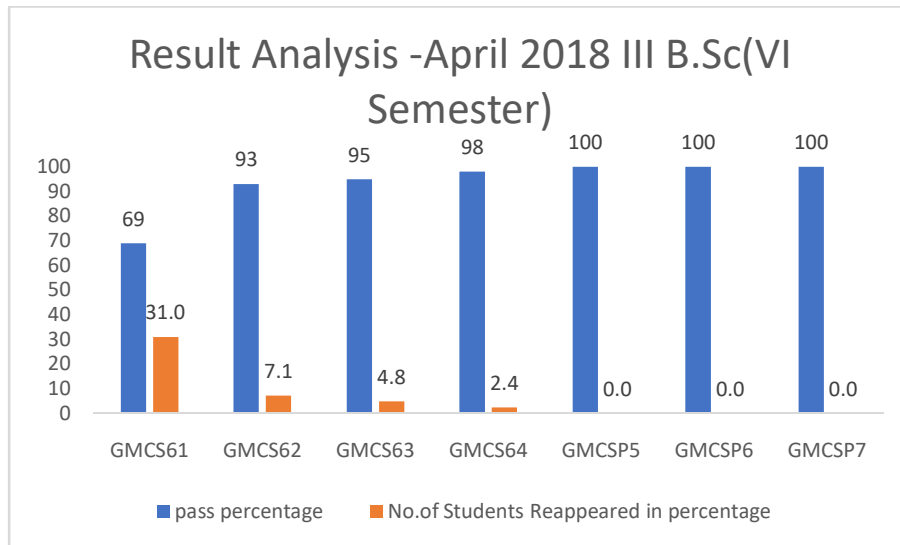


- In B.Sc Computer Science for the II Semester
  - Total No. of Students appeared: 47
  - Pass Percentage: 94.8
  - Reappeared Percentage:4.6

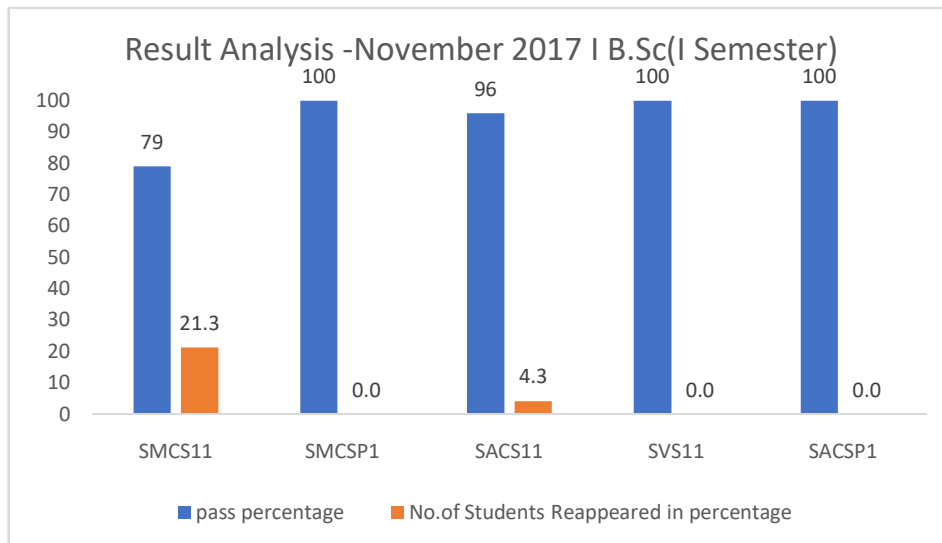


- In B.Sc Computer Science for the IV Semester
  - Total No. of Students appeared: 46
  - Pass Percentage: 91.1
  - Reappeared Percentage:8.7

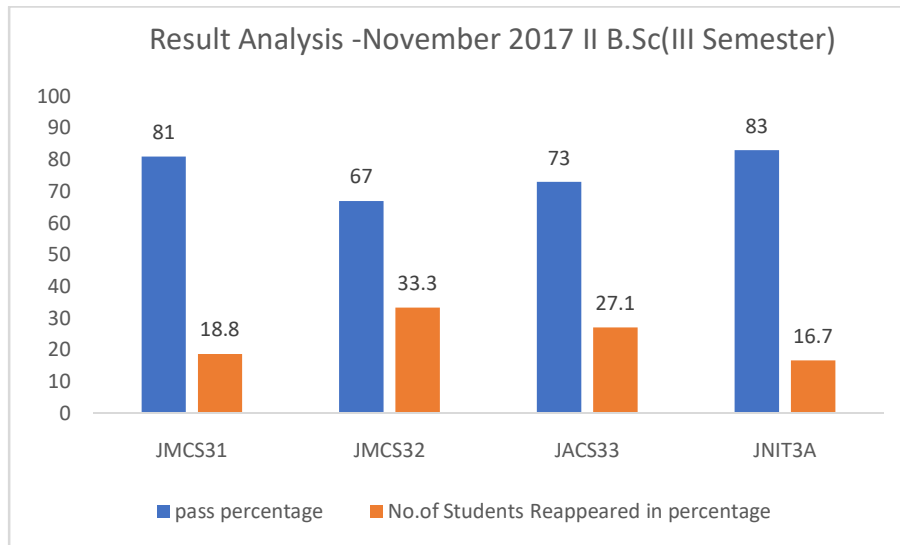




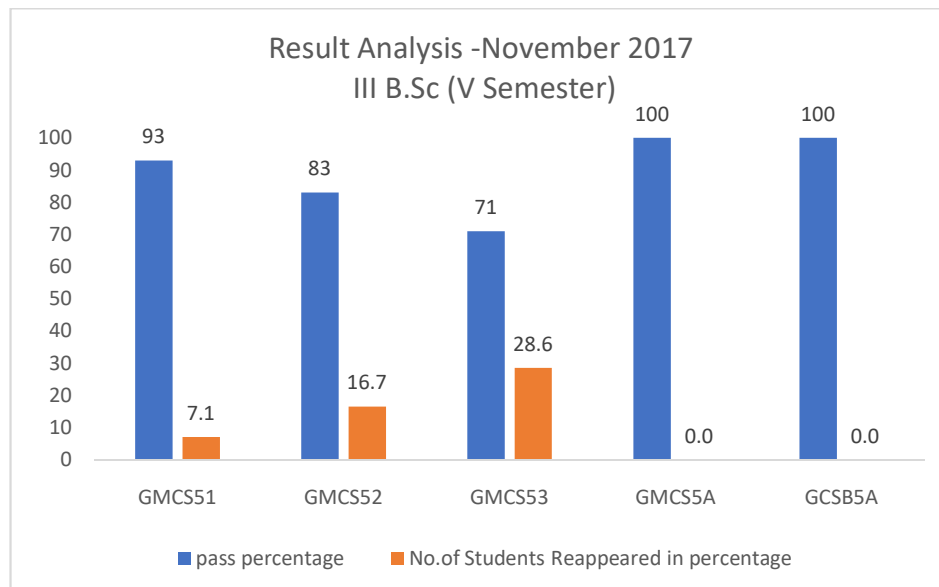
- In B.Sc Computer Science for the IV Semester
  - Total No. of Students appeared: 42
  - Pass Percentage: 93.5
  - Reappeared Percentage:6.5



- In B.Sc Computer Science for the I Semester
  - Total No. of Students appeared: 47
  - Pass Percentage: 95
  - Reappeared Percentage:5



- In B.Sc Computer Science for the III Semester
  - Total No. of Students appeared: 48
  - Pass Percentage: 76
  - Reappeared Percentage:24



- In B.Sc Computer Science for the V Semester
  - Total No. of Students appeared: 42
  - Pass Percentage: 89.4
  - Reappeared Percentage:10.5

The details of outgoing students that are appeared as well as passed in the April 2019 University examinations, are given in the below table:

	<b>Batch</b>	<b>Number of students appeared in the final year examination</b>	<b>Number of students passed in final year examination</b>	<b>Pass Percentage</b>
B.Sc.	2014 – 2017	45	26	58

## 9. Outcome

### Outcome of the students meeting

- The students have the ability to apply knowledge of computing, mathematics, science, and computer science.
- Also they have the ability to identify, formulate, and solve complex computer science problems.
- Students felt happy to participate in social development programmes
- Students are fulfilled with subject expertise and experience of the staff of the department
- Canteen size can be extended.

### Outcome of the Faculty meeting




- Faculties are well treated by the Higher officials
- The quality of the food in the canteen can be improved.
- The Professional academic environment is created in the department

## 10. Overall assessment

- The assessment process followed by the department is GOOD.
- Discipline & academic ambience shall be maintained in the department.
- Any complaints or grievances of the students shall be addressed and solved at the earliest.



## 12. Signature of the Academic Audit Panel Members

<p><b>Chair Person</b> Mrs R Venishia Leena Mary M.Sc., M.Phil., M.Tech., SET Head &amp; Assistant Professor Department of Computer Science St. John's College, Palayamkottai Tirunelveli - 627 002, Tamil Nadu Mobile No.: +91 9080886858 E-mail id: leenacollins@rediffmail.com</p>	 <p><b>Mrs. R. VENISHIA LEENA MARY</b> Head, Department of Computer Science St. John's College, Palayamkottai</p>
<p><b>Co-ordinator – 1</b> Mr B Pravin Sironmani MCA, M.Phil., SET Assistant Professor Department of Computer Science St. John's College, Palayamkottai Tirunelveli - 627 002, Tamil Nadu Mobile No.: +91 9789717852 E-mail id: siron.pravin@gmail.com</p>	 <p><b>PRAVIN SIRONMANI B</b> Assistant Professor Dept. of Computer Science St. John's College Palayamkottai</p>
<p><b>Co-ordinator – 2</b> Mr. R. David VinodhKumar Paul MCA, M.Phil. Assistant Professor Department of Computer Science St. John's College, Palayamkottai Tirunelveli - 627 002, Tamil Nadu Mobile No.: +91 9994639329 E-mail id: blessingdavid2002@gmail.com</p>	 <p><b>R. David Vinodhkumar paul</b> Assistant Professor Department of Computer Science St. John's college Palayamkottai 627 002.</p>



<p><b>Subject Expert – 1</b></p> <p>Mrs K Merrilance, M.Sc., M.Phil. Assistant Professor Department of Computer Applications Sarah Tucker College Perumalpuram Tirunelveli – 627007, Tamilnadu Mobile No.: +91 9443670327 E-mail id: merrilance@gmail.com</p>	<p> <b>Dr. K. MERRILANCE, M.Sc., M. Phil., Ph.D.</b> Associate Professor Dept. of Computer Applications &amp; Research Centre Sarah Tucker College (Autonomous) Tirunelveli - 627 007.</p>
<p><b>Subject Expert – 2</b></p> <p>Mrs Nancy Jasmine Goldena Assistant Professor Department of Computer Application Sarah Tucker College, Perumalpuram Tirunelveli – 627007, Tamilnadu Mobile No.: +91 9487081610 E-mail id : nancylordwin@gmail.com</p>	
<p><b>Industrial Person:</b></p> <p>Mr S Andiappan, MCA Software Development Engineer HTC Global Services (India) Pvt Ltd Unit 25, SDF 11,Phase 11, MEPZ, Tambaram, Chennai-600045.India Mobile No.: +91 9994985004 E-mail id: andiappanmca@gmail.com</p>	<p> <b>S.Andiappan., MCA</b> Software Development Engineer, HTC Global Services (India) Pvt Ltd Chennai - 6000 45</p>

**IQAC Coordinator**

**Principal**



**St. John's College Palayamkottai**  
**Tirunelveli – 627 002**

[sjc1878@stjohnscollege.edu.in](mailto:sjc1878@stjohnscollege.edu.in), [www.stjohnscollege.edu.in](http://www.stjohnscollege.edu.in)



**Annual**  
**Academic Audit Report**  
**2017-2018**

**Department of Computer Application And  
Networking.**

**BCA & M.Sc NT&IT**

**7<sup>th</sup> & 8<sup>th</sup> March 2018**

<b>Table. No</b>	<b>Table of Contents</b>	<b>Page No.</b>
1	Introduction	3
2	Objectives of Academic Auditing:	3
3	Academic Audit Panel Members	4
4	Schedule of the Annual Academic Audit	5
5	Department Profile	5
5.1	Milestones of the Department	5
5.2	Best Practices of the Department:	6
5.3	Infrastructure in the Department	6
5.4	Department Library Facilities	6
5.5	Department Laboratory Facilities	7
6	Faculty Profile	7
7	Student's Profile	8
7.1	Student's Statistics	8
7.2	Placement Details	9
8	Curriculum	9
8.1	UG Programme Structure for <u>BCA</u>	9
8.2	PG Programme Structure for M.Sc NT&IT	11
8.3	Course Evaluation Pattern	12
8.4	Result Analysis	13
8.5	University Rank Achieved	18
8.6	Activity and Programmes conducted	18
9	Outcome of the student meet	21
10	Suggestions	22
11	Conclusion	23
12	Signature of the Academic Audit Panel	24

## **1.Introduction**

The Bachelor of Computer Applications (BCA) is a 3-year (6 semesters) undergraduate program affiliated to Manonmiam Sundarnar University and Recognized by the Government of TamilNadu. BCA started in the year of 2005 in our College and 48 students were admitted in this course. It caters to students with specific interests in computer science and information technology with computer science courses as the core and a wide range of electives. The course creates highly skilled, adaptable graduates who are able to design computer-based solutions to address information management and processing complications in industry, commerce, science, entertainment and the public sector.

M.Sc NT&IT Course is an Postgraduate program where students are exposed to various areas of computer applications including the latest developments in the industry. Designed to bridge the gap between IT industries and institutes by incorporating the latest developments into the curriculum, the department has an outstanding group of committed and result oriented faculty members, sophisticated computer labs and Wi-Fi enabled environment. The library with its prescribed books and Digital Library helps students to update themselves with the recent trends in the industry.

The Academic Audit of our Department was conducted on 07<sup>th</sup> and 08<sup>th</sup> March 2018. The Purpose of the Audit is to Provide the opportunity for regular strategic overview of the entirety of a Department's Teaching and Learning activity. The Self Evaluation Document (SED) of the Department was presented to the panel. The Panel Members investigated the different aspects of the document and authenticated them with the supporting evidences. This report consolidates the findings of the panel and put forth the suggestion and area of improvements possible in the future.

## **2.Objectives of Academic Auditing:**

- (i) To define quality of each component of the functionalities.
- (ii) To define effectiveness of teaching – learning process.
- (iii) To devise methodology to confirm maximum output from faculty members as well as students.
- (iv) To ensure academic accountability and quality of technical education through proper guidelines for both teaching faculty and students/researchers.



### **3. Academic Audit Panel Members**

**The Name, Designation, Address of Academic Audit experts are given in detail**

#### **Chair Person**

Mr.B.Jefferson,  
Head,Department of computer Applications,  
St.Johns College  
Palayamkottai-627002  
Mobile.No. 9443454222

#### **Coordinators**

**Mrs. A.Bathsheba Parimala**  
Asst. Prof., Department of Computer  
Application and Networking  
St.John's college  
Palayamkottai-627002  
Mobile No. 9791311365

#### **Coordinators**

**Mr. I.Thomas Jebasingh**  
Asst. Prof., Department of Computer  
Application and Networking  
St.John's College, Palayamkottai-627002  
Mobile No. 9787644604

#### **Coordinators**

**Msr. G. Priskillal**  
Asst. Prof., Department of Computer  
Application and Networking  
St.John's college, Palayamkottai-627002  
Mobile No. 9994067839

#### **Subject Expert – 1**

**Mr. S.Wilson**  
HOD, Department of Computer Science  
CSI Jeyaraj Annapakiam College, Nallur  
Tirunelveli.

#### **Industry Expert:**

**Mr. G. Powerlin**  
Cyber Security Analyst

#### **Coordinators**

**Mr. B. Edward Daniel**  
Asst. Prof., Department of Computer  
Application and Networking  
St.Johns College  
Palayamkottai-627002  
Mobile No. 9843074213

#### **Coordinators**

**Mr. K. Appasamy**  
Asst. Prof., Department of Computer  
Application and Networking  
St.John's College  
Palayamkottai-627002  
Mobile No. 9842235628

#### **Coordinators**

**Mr. S. Immanuel**  
Asst. Prof., Department of Computer  
Application and Networking  
St.John's college, Palayamkottai-627002  
Mobile No. 9894874533

#### **Coordinators**

**Mr. L.Abraham David**  
Asst. Prof., Department of Computer  
Application and Networking  
St.John's college, Palayamkottai-627002  
Mobile No. 7402041540

#### **Subject Expert – 2**

**Dr. Nancy Jasmine Goldina**  
Professor, Department of MCA  
Sarah tucker College  
Palayamkottai  
Tirunelveli

SJR Prime car Ground Floor

Sarjapur Main Road , Bellandur, Bengaluru, Karnataka 56010

#### **4. Schedule of the Academic Audit (07<sup>th</sup> and 08<sup>th</sup> March 2018)**

##### **Day I - 07<sup>th</sup> March , 2018**

<b>Time</b>	<b>Activity</b>
9.30 AM – 10.00 AM	Entry Meeting of the Panel with the Principal and IQAC Coordinator in Principal's Office
10.15 AM – 11.15 AM	Department Presentation in the Department along with IQAC Coordinator and the Panel.
11.15 AM – 11.30 AM	Tea Break
11.30 AM – 12.30 PM	Meeting the staff
12.30 Pm – 01.30 PM	Lunch Break
01.30 PM – 02.00 PM	Meeting the BCA III Student
02.00 PM – 02.30 PM	Meeting the BCA II Student
03.00 PM - 03.15 PM	Tea Break
03.15 PM – 04.30 PM	Meeting the Student Leaders

##### **Day II – 08<sup>th</sup> March, 2018**

<b>Time</b>	<b>Activity</b>
09.30 AM – 10.30 AM	Visiting the Infrastructure
10.30 AM – 11.15 AM	Verifying the Audit Report and the Support Evidences
11.15 AM – 11.30 AM	Tea Break
11.30 AM – 12.30 PM	Verifying the Audit Report and the Support Evidences
12.30 PM – 01.30 PM	Lunch Break
01.30 PM – 03.30 PM	Preparation of the Audit Report by the Panel
03.30 PM – 04.30 PM	Exit Meeting with Principal and IQAC Coordinator

#### **5. Department Profile**

##### ***5.1 Milestones of the Department***

- BCA Course Establishment June 2005.
- Student intake was increased upto 40 in the Year Of 2005.
- 2005 – 2013 Satellite Centre under the concern of Manonmaniam Sundaranar University, Tirunelveli.
- 2013 onwards the Department was Affiliated to Manonmaniam Sundaranar University, Tirunelveli

**5.2 Best Practices of the Department:**

1. For The Student by the Student.
2. Constructing the Character.

**5.3 Infrastructure in the Department**

S. No.	Items	Verification (Yes/No)	Comments	
			UG	PG
1	No. of class rooms	Yes	Three	Two
2	Computers for teachers	Yes	Available	Available
3	Computers for students	Yes	Available	Available
4	Internet access and related software	Yes	Available	Available
5	Uninterrupted Power Supply	Yes	Available	Available
6	Water Supply	Yes	Available	Available

**5.4 Department Library Facilities**

<b>Total No. of Books Available</b>	<b>Total No. of Journals Available</b>	<b>Total No. of Computer Systems with Internet Facilities</b>
-------------------------------------	--	---

270	-	1
-----	---	---

### 5.5 Department Lab Facilities

No. of Laboratory	Total No. of Books Computers	Total No. of Computer Systems with Internet Facilities
2	80	40

### 6. Faculty Profile

<b>Faculty Strength</b>	Total Staff – 08 Men – 06 Women – 02
<b>Qualification</b>	M.Phil - 03 M.Sc - 04

### LIST OF THE FACULTY MEMBERS

S.No.	Name of the Staff	Designation	Qualification	Roles & Responsibilities	Date of Joining
1	Mr. B. Jefferson	HOD, Assistant Professor	M.Sc;M.Phil, M.Tech	Head, Meeting Secretary	14.06.2005
2	Mr. B. Edward Daniel Christopher	Assistant Professor	MCA	NSS Officer	09.06.2005
3	Mrs.A. Bathsheba Parimala	Assistant Professor	M.Sc;M;Phil	Women Cell Co- ordinator	13.06.2007

4	Mr.K. Appasamy	Assistant Professor	MCA; M.Phil	Co-ordinator for Internal Examination	16.07.2007
5	Mr.I. Thomas Jebasingh	Assistant Professor	MCA	Program Organizer	17.08.2009
6	Mr.S. Immanuel	Assistant Professor	MCA	Co-ordinator for Practical Examination	19.07.2010
7	Mrs. G. Priskillal	Assistant Professor	B.E	Late comer follow up girls Incharge	07.07.2011
8	Mr.L. Abraham David	Assistant Professor	MCA.,B.Ed.,	Documentation Incharge	22.08.2014

## 7. Student's Profile

### 7.1 Students Statistics

#### Students Statistics for the year 2017-2018

COURSE	OTHER THAN MINORITY														Minority		Muslim		Total		Total
	SC		SCA		ST		BC		DNC		MBC		OC								
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F					
B.C.A	2	1	0	0	0	0	13	4	4	2	3	2	0	0	14	1	0	0	36	10	46
M.Sc NT&IT	1	1	0	0	0	0	2	3	0	0	0	0	0	1	1	1	0	0	4	6	10

## 7.2 Placement Details

Company Name	No of Student Placed
I planet	1
Avalon	1
Maprico Info tech	1
BPO	1
MDT College	1

## 8. Curriculum

The Curriculum is being updated and revised periodically.

### 8.1 BCA Program Structure

Sem	code	Subject Name	L	T	P	Credits
I	S1TL11	Tamil	6	0	0	4
	S2EN11	English	6	0	0	4
	SMCA11	Programming in C	4	0	0	4
	SACA11	Digital Design	4	0	0	3
	SEVS11	EVS	2	0	0	2
	SMCAP1	C-Lab	0	0	4	2
	SACAP1	OA Lab	0	0	4	2
						21
II	S1TL21	Tamil	6	0	0	4
	S2EN21	English	6	0	0	4
	SACA21	Maths	3	0	0	3
	SMCA21	C++	5	0	0	4
	SVBE21	VBE	2	0	0	2
	SMCAP2	C++ Lab	0	0	4	2
	SACAP2	OA Lab	0	0	4	2
						23

III	SMCA31	Java	5	0	0	4
	SMCA32	Financial Accounting	5	0	0	4
	SACA31	Data structure using C++	4	0	0	3
	SNMA3A	Maths	3	0	0	3
	SMCAP3	Java Lab	0	0	6	3
	SACAP3	DS Lab	0	0	4	2
						19
IV	SMCA41	Visual Basic	5	0	0	4
	SACA41	Resource Management Technique	4	0	0	3
	SNMA4B	Maths	3	0	0	3
	SCSB4A	Personality Development	0	0	0	4
	SMCAP3	Java Lab	0	0	4	2
	SMCAP4	VB Lab	0	0	6	3
						19
V	JMCA51	Software Engineering	5	0	0	4
	JMCA52	Web Technology	5	0	0	4
	JMCA53	RDBMS	5	0	0	4
	JMCA5C	Multimedia	4	0	0	4
	JSCA4A	Flash	0	0	4	2
	JMCAP5	RDBMS Lab	0	0	4	2
VI	JMCA61	Operating Systems	4	0	0	4
	JMCA62	Computer Graphics	4	0	0	4
	JMCA63	Computer Networks	4	0	0	4
	JMCA6C	Mobile Communication	4	0	0	4
	JMCAP6	Graphics Lab	0	0	4	2
	JMCA6P	Major Project	0	0	6	7
						23
		Total Credits				125

## 8.2 MSc(NT&IT) Program Structure

Sem	code	Subject Name	L	T	P	Credits
I	HNTM11	Data Communication and Computer Networks	5	0	0	4
	HNTM12	Object Oriented Programming using C++	5	0	0	4
	HNTM13	Visual Programming	4	0	0	4
	HNTM14	Software Engineering	4	0	0	4
	HNTE11	E-Commerce	4	0	0	4
	HNTL11	C++ Programming Lab	0	0	4	2
	HNTL12	Visual Programming Lab	0	0	4	2
						24
II	HNTM21	Advanced Java Programming	5	0	0	4
	HNTM22	RDBMS concepts and Oracle	5	0	0	4
	HNTM23	Principles of Information Technology	4	0	0	4
	HNTM24	Embedded Systems	4	0	0	4
	HNTE21	Management Information System	4	0	0	3
	HNTL21	Java Programming Lab	0	0	4	2
	HNTL22	Oracle Lab	0	0	4	2
						23
III	HNTM31	Web Designing	4	0	0	4
	HNTM32	Operating Systems	4	0	0	4
	HNTM33	Network security and Cryptography	4	0	0	4
	HNTM34	Research Methodology	4	0	0	4
	HNTE31	Mobile Computing	4	0	6	3
	HNTL31	Web Designing and Network Lab	0	0	4	2
		HNTP32	Mini Project			6
						30
IV	HNTP41	Main Project Lab	0	0	30	16



### 8.3 Course Evaluation Pattern

This program is under Choice Based Credit System of the University. Each paper is evaluated for 100 marks with Internal 25 marks and External 75 marks. The duration of the examination is 1 hour for internal assessment test and 3 hours for external examination.

The pattern for internal assessment and the external examination are as follows:

#### For UG courses

Internal Evaluation Pattern		External Evaluation Pattern	
Average of Best of two from three internal assessment test	<b>20</b>	Section A (10x1=10)	<b>10</b>
		Section B (5x5=25)	<b>25</b>
Assignments/Seminars	<b>05</b>	Section C (5x8=40)	<b>40</b>
Total Marks	<b>25</b>	Total	<b>75</b>

#### For PG. Courses

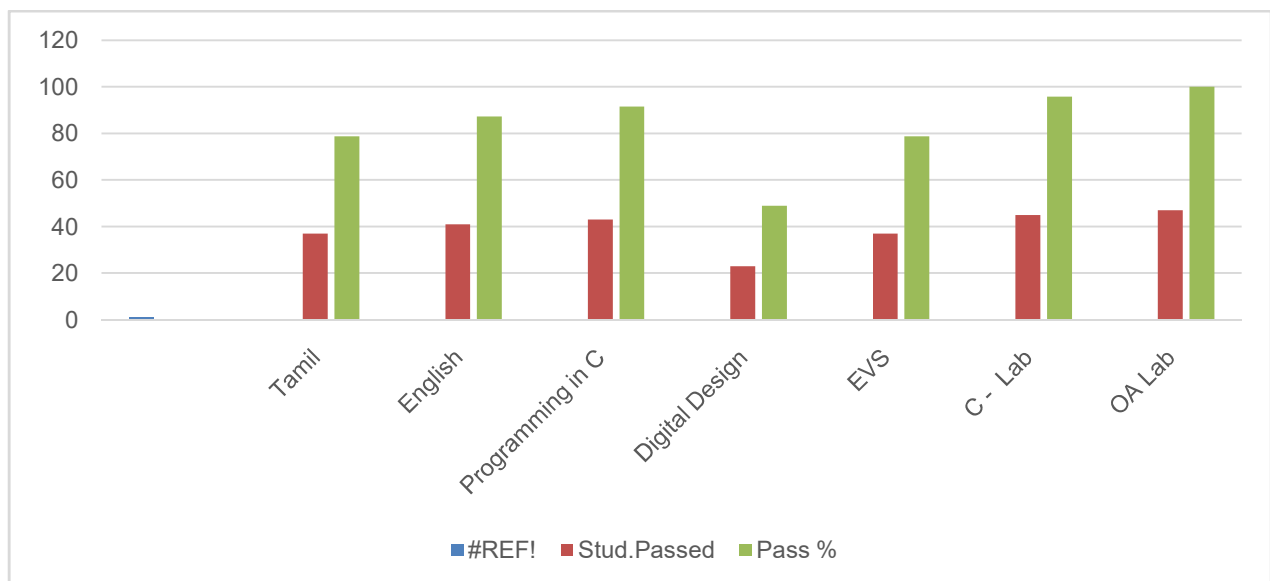
Internal Evaluation Pattern PG		External Evaluation Pattern	
Average of Best of two from three internal assessment test	<b>15</b>	Section A (10x1=10)	<b>10</b>
Assignments	<b>05</b>	Section B (5x5=25)	<b>25</b>
Seminars	<b>05</b>	Section C (5x8=40)	<b>40</b>
Total Marks	<b>25</b>	Total	<b>75</b>

## 8.4 Result Analysis - BCA

Nov 2018

I SEM

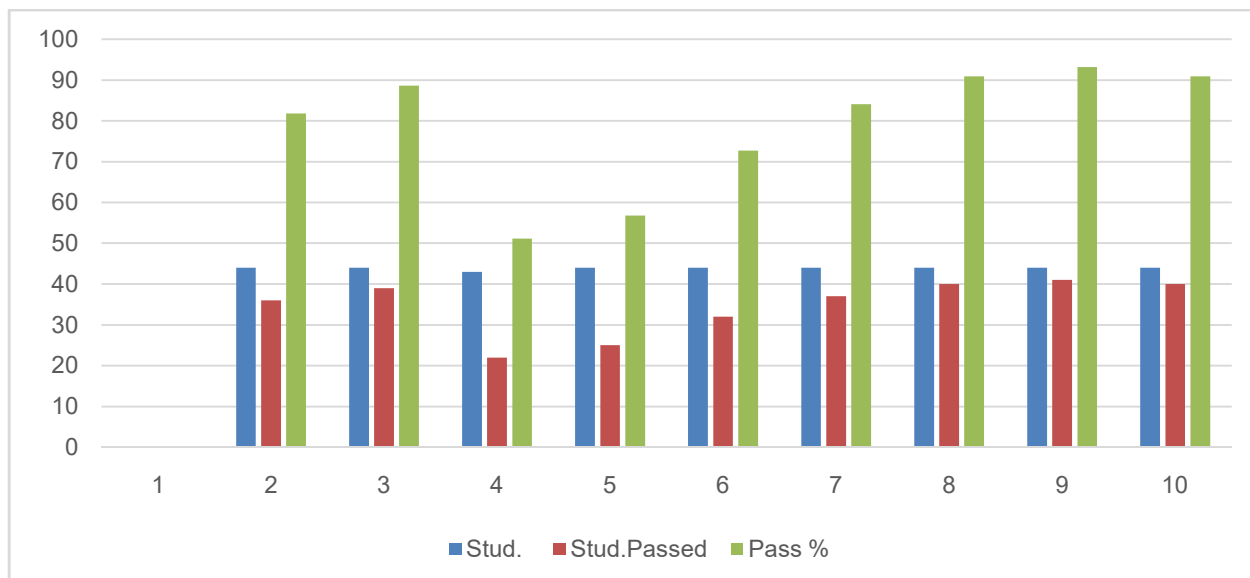
S.NO	Sub.Code	Sub.Name	Total Stud	Stud. Appeard	Stud.Passed	Pass %
1	S1TL11	Tamil	47	47	37	78.72
2	S2EN11	English	47	47	41	87.23
3	SMCA11	Programmin g in C	47	47	43	91.49
4	SACA11	Digital Design	47	47	23	48.94
5	SEVS11	EVS	47	47	37	78.72
6	SMCAP1	C - Lab	47	47	45	95.74
7	SACAP1	OA Lab	47	47	47	100.00





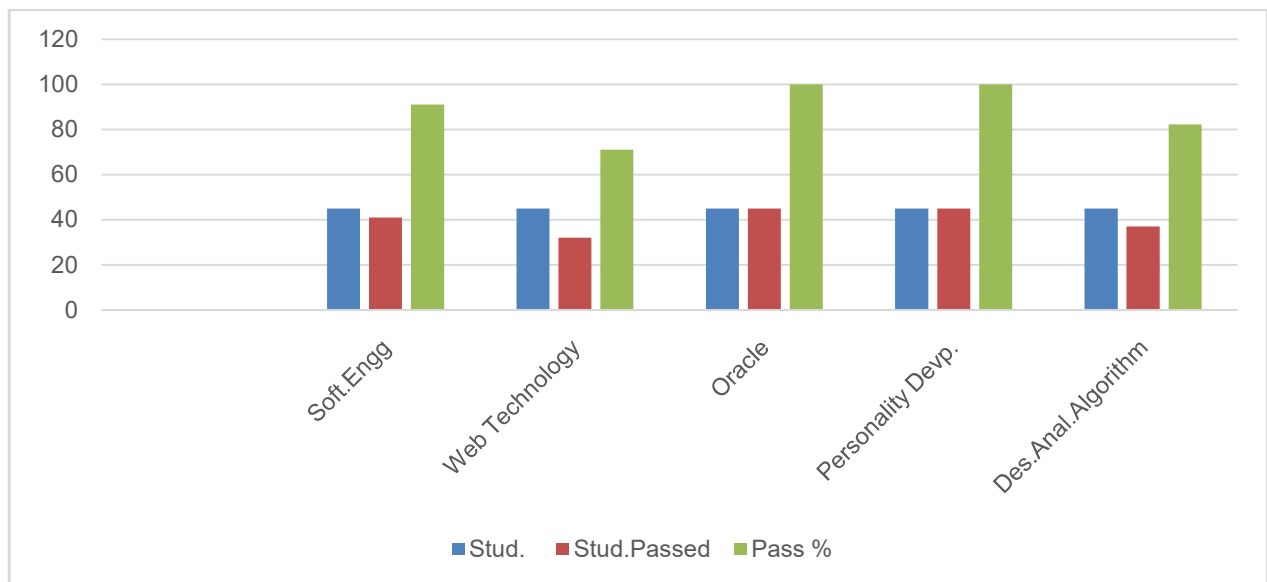
### III SEM

S.NO	Sub.Code	Sub.Name	Total Stud	Stud. Appeard	Stud.Passed	Pass %
1	SMCA31	Java	44	44	36	81.82
2	SMCA32	Financial Acct	44	44	39	88.64
3	SACA31	Data Structures	44	43	22	51.16
4	SNMA3A	Maths	44	44	25	56.82
5	SMCA33	HTML	44	44	32	72.73
6	SSCA3A	PHP	44	44	37	84.09
7	SMCAP3	Java Lab	44	44	40	90.91
8	SACAP3	DS-Lab	44	44	41	93.18
9	SYOG3A	Yoga	44	44	40	90.91



## V SEM

S.NO	Sub.Code	Sub.Name	Total Stud	Stud. Appeard	Stud.Passed	Pass %
1	JMCA51	Soft.Engg	45	45	41	91.11
2	JMCA52	Web Technology	45	45	32	71.11
3	JMCA53	Oracle	45	45	45	100.00
4	JMCA5A	Personality Devp.	45	45	45	100.00
5	JMCA5B	Des.Anal.Algorithm	45	45	37	82.22



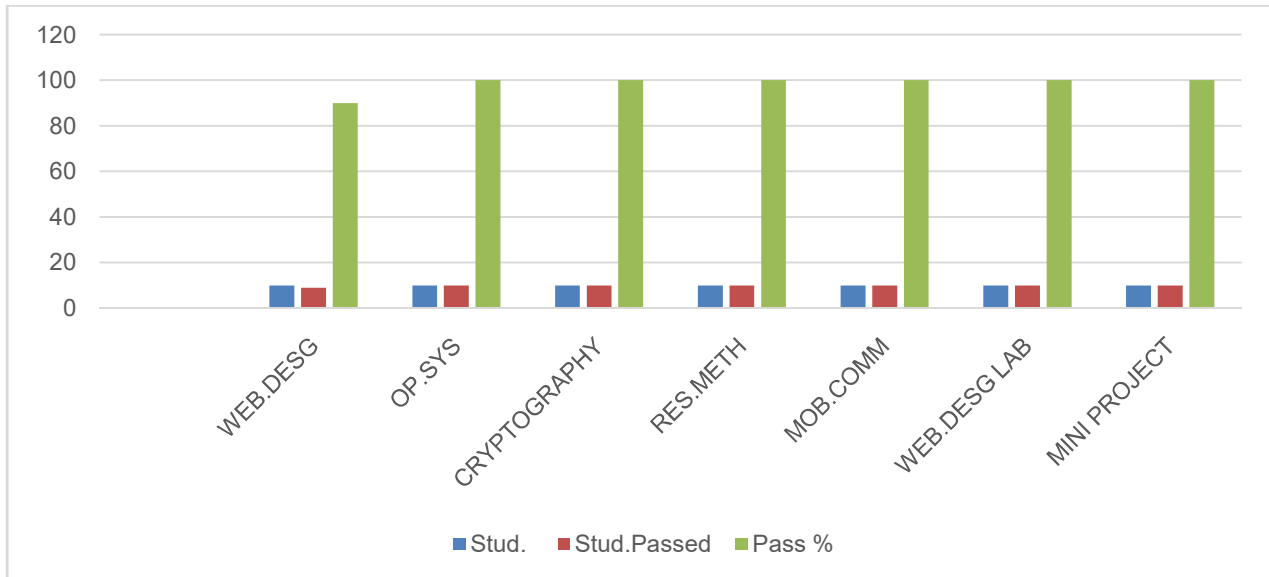
**Result Analysis – M.Sc NT&IT  
I SEM**

S.NO	Sub.Code	Sub.Name	Total Stud	Stud. Appeard	Stud.Passed	Pass %
1	PNTM11	DATA COM	12	12	12	100
2	PNTM12	C++	12	12	12	100
3	PNTM13	VB	12	12	11	91.67
4	PNTE12	SOFT.ENG	12	12	10	83.33
5	PNTM15	E-COMMERCE	12	12	9	75.00
6	PNTL11	C++ LAB	12	12	12	100
7	PNTL12	VB LAB	12	12	12	100



### III SEM

S.NO	Sub.Code	Sub.Name	Total Stud	Stud. Appeard	Stud.Passed	Pass %
1	PNTM31	WEB.DESG	10	10	9	90
2	PNTM32	OP.SYS	10	10	10	100
3	PNTM33	CRYPTOGR APHY	10	10	10	100
4	PNTM34	RES.METH	10	10	10	100
5	PNTE32	MOB.COM M	10	10	10	100
6	PNTL31	WEB.DESG LAB	10	10	10	100
7	PNTP31	MINI PROJECT	10	10	10	100



## 8.5 University Rank Achieved

UG

Name of the students	Rank
S.Lingeswari	12

## 8.6 Activity and Programmers conducted

S.NO	PROGRAM ACIVITY	DATE
1	Fresher's Party & Association Meet	10.07.2017
2	JOCANEXUS	17.08.2017

Fresher's Party and Association Meet









JOCANEXUS





## 9. Outcome of the students meeting

- Student felt that the Infrastructure provide by the college and department is Satisfied
- The rules and regulations of the department were appreciated.
- Advanced curriculum and syllabus was appreciated and felt very proud in studying at this institution.
- They felt the Staffs of department are having best expertise and experience and are handling classes in very professional way.
- PG students are not given access to Digital Library.
- Library timings not sufficient.
- Very minimal participation in extra-curricular activities for UG students.
- Wi-fi bandwidth not sufficient.
- Plug points for charging laptops not adequate in classroom
- Lunch room with water is expected in every block.

- Girls are not allowed to attend competitions outside the campus.

### **Outcome of the Faculty meeting**

- They felt very proud to serve for this institution.
- They felt satisfied with the pay package.
- EPF contribution was also appreciated.
- Friendly and professional academic environment created by HOD was well appreciated.

### **10. Suggestions**

- More no of text book volumes has to be purchased
- More indexed journals at least Scopus indexed to be subscribed.
- Publications and Participations in FDP, seminars, Conferences and workshops by faculty members are to be increased.
- Paid leaves should be given to the faculty members attend FDP, seminars, conferences and workshop.
- Incentives may be given to the faculty by the management for publishing papers and producing 100% results.
- External funded research projects to be taken up by faculty members.
- Students may be asked to write job oriented online exams for better placements
- Syllabus for Research domain and self-learning courses may be clearly defines and it may include more areas.
- Lab credits may be reduced from 4 to 2 or 3.
- Uniform distribution of number of theories and practical has to be followed in all the semesters.
- Total number of papers may be reduced to 8 per semester having 5T and 3P.





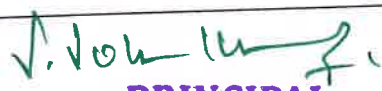
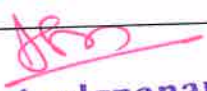
- Importance has to be given for communication and soft skill classes.

## **11. Conclusion**

- Fundamental rules and regulations followed by the college management and department staff members are very good.
- Basic amenities and infrastructure in the college and the department is very good
- Library facility is very good and there is a vast scope of development.
- Faculty Attrition ratio is low and that is good for management.
- Faculty members are well experienced, qualified and talented and need more motivation in the form of incentives for publications and training.
- Students are given good placements and it may further be improved by placing them in MNC.



## 12. Signature of the Academic Audit Panel Members

<p><b>MR. B.Jefferson</b>  <b>Chair Person</b>  Department of Computer Application &amp; Networking.  St.John's College, Palayamkottai</p>	 <b>H. O. D.,</b> <b>Comp. Appl. &amp; Networking</b> <b>St. John's College (S P)</b> Palayamkottai
<p><b>Subject Expert – 1</b>  <b>Mr. S.Wilson</b>  HOD, Department of Computer Science  CSI Jeyaraj Annapakiam College, Nallur  Tirunelveli.</p>	 <b>S. WILSON, MCA., M.Phil., M.Tech., SET.</b> Assistant Professor & Head Department of Computer Science CSI Jayaraj Annapakiam College Nallur, 627 853.
<p><b>Subject Expert – 2</b>  <b>Dr. Nancy Jasmine Goldina</b>  Professor, Department of MCA  Sarah tucker College  Palayamkottai  Tirunelveli</p>	 <b>Dr. NANCY JASMINE GOLDINA MCA., M.Phil. Ph.D</b> Associate Professor Department of Computer Application & Research Centre, Sarah Tucker College (Autonomous) Tirunelveli - 7
<p><b>Industrialist</b>  <b>Mr. G. Powerlin</b>  Cyber Security Analyst  SJR Prime car Ground Floor  Sarjapur Main Road  Bellandur, Bengaluru, Karnataka 560103</p>	
<p><b>Dr.S.JohnKennadyVethanathan</b>  <b>The Principal</b>  St.John's College  Palayamkottai  Tirunelveli</p>	 <b>PRINCIPAL</b> <b>ST. JOHN'S COLLEGE</b> <b>PALAYAMKOTTAI - 627 002.</b>
<p><b>The IQAC Coordinator,</b>  St.John's College  Palayamkottai  Tirunelveli</p>	 <b>Dr A. Arulgnanam</b> <b>IQAC COORDINATOR</b> <b>ST JOHN'S COLLEGE</b> <b>PALAYAMKOTTAI</b>

# ST. JOHN'S COLLEGE PALAYAMKOTTAI

Department of Electronics



## Annual Academic Audit

### 2017 - 2018

## Table of Content

Introduction	-	2
Objectives of Academic Auditing	-	2
Academic Audit Panel Members	-	2
Schedule of the Annual Academic Audit	-	3
Department Profile	-	4
About the Department	-	4
Best Practices of the Department:	-	5
Infrastructure in the Department	-	5
Department Library Facilities	-	5
Faculty Profile	-	6
Students' Profile	-	7
Student's Statistics for the year	-	7
Placement Details	-	7
Curriculum	-	8
UG Programme Structure	-	8
Result Analysis	-	10
Outcome	-	11
Overall assessment	-	11
Suggestions	-	12
Signature of the Academic Audit Panel Members	-	13



## **Introduction**

The process of Academic Auditing intends to monitor and enhance the quality of science education through proper guidelines for both teaching faculty and students, so as to ensure qualified students/researchers passing out from the department. It presents the objectives of academic auditing, the process of internal and external evaluation of courses, major/mini projects, seminars, overall discipline and academic functioning of the department, duties and responsibilities of faculty members, research and consultancy and class/course committees.

The Annual Academic Audit of the Department was conducted on 10<sup>th</sup> and 11<sup>th</sup> August 2018.

## **Objectives of Academic Auditing:**

- (i) To define quality of each component of the functionalities.
- (ii) To define effectiveness of teaching – learning process.
- (iii) To devise methodology to confirm maximum output from faculty members as well as students.
- (iv) To ensure academic accountability and quality of technical education through proper guidelines for both teaching faculty and students/researchers.

## **Academic Audit Panel Members**

The Name, Designation and Address of Academic Audit Experts are given in detail:

### **Chair Person**

Mr. A. Abraham N R Singh  
Head, Department of Electronics,  
St. John's College, Palayamkottai,  
Tirunelveli- 627002,

### **Subject Expert -1**

Mr. B. Robin Jesubalan,  
Head, Department of Information Technology  
PSN Engineering College,  
Tirunelveli.

### **Subject Expert – 2**

Mr. T. Lazar  
Head, Department of Electronics,  
Sri Paramakalyani College of Arts and Science,  
Alvarkurichi.

### **Industry Expert:**

Supriya Enterprises

## Schedule of the Annual Academic Audit

<b>DAY 1 (11<sup>th</sup> August 2018)</b>	
<b>Timing</b>	<b>Activity</b>
10:00 AM – 10:30 AM	Meeting of the Panel with the Principal and IQAC coordinator in Principal's Office along with the Head of Mathematics.
10:30 AM – 11:15 AM	Department overall presentation in the Department along with IQAC coordinator and the Panel
11:15 AM – 11:30 AM	Tea Break
11:30 AM – 11:50 AM	Meeting the UG students in aided stream
11:50 AM – 12:10 PM	Meeting the PG students in aided stream
12:10 PM – 12:30 PM	Meeting the student representatives of UG and PG classes in aided stream
12:30 PM – 01:00 PM	Meeting the M.Phil. and Ph.D. research scholars
01:00 PM – 02:00 PM	Lunch Break
02:20 PM – 02:40 PM	Meeting the UG students in Un-aided stream
02:40 PM – 03:10 PM	Meeting the PG students in Un-aided stream
03:10 PM – 03:30 PM	Tea Break
03:30 PM – 04:00PM	Meeting the student representatives of UG and PG classes in aided stream
<b>DAY 2 (12<sup>th</sup> August 2018)</b>	
<b>Timing</b>	<b>Activity</b>
10:00 AM – 10:30 AM	Entry Meeting of the Panel in the Department
11:00 AM – 11:30 AM	Visiting the Infrastructure
11:30 AM – 12:30 PM	Verifying the Audit Report and the Support Evidences
12:30 PM – 01:30 PM	Lunch Break
01:30 PM – 02:30 PM	Verifying the Audit Report and the Support Evidences
02:30 PM – 04:00 PM	Preparation of the Annual Audit Report
04:00 PM – 04:30 PM	Exit Meeting with the Principal and IQAC coordinator in Principal's Office

## **Department Profile**

### **About the Department**

The first batch of students for B.Sc. Degree course with Electronics as the major subject was admitted in June 1998. The Department started growing under the capable headship of Mr. R. Robin Jesubalan who also served as the Chairman of Board of Studies of the then Manonmanium Sundarnar University. He along with his team of dedicated colleagues evinced keen interest in molding the students academically and in other extracurricular activities. His headship is followed by Mrs. Maharajothi Lakshmi. Now Mr. Abraham N R Singh is leading the department.

## Best Practices of the Department:

For the Student by The Student.  
Constructing the Character.

## Infrastructure in the Department

S.No.	Items	Verification (Yes/No)	Comments
1	No. of class rooms	Yes	Three
2	No. of laboratories	Yes	One
3	Computers for teachers	Yes	Available
4	Computers for students	Yes	Available
5	Internet access and related software	Yes	Available
6	Uninterrupted Power Supply	Yes	Available
7	Water Supply	Yes	Available

## Department Library Facilities

Area in sq. Ft.	Total No. of Books Available
200	320

## 2. Faculty Profile

<b>Faculty Strength</b>	Total Staff –5 Men – 1 Women – 4
<b>Qualification</b>	Ph.D. – 0 NET – 0 SET –0, SLET – 0, M.Phil. – 0

### List of the Faculty members

S.No.	Name of the Staff	Designation	Qualification
1	Mr. A. Abraham N R Singh	HOD	M.Sc
2	Mrs.R.Ramalakshmi	Assistant Professor	M.E
3	Mrs. Janet Nightingale	Assistant Professor	M.E
4	Ms. J. Shamili Shivani	Assistant Professor	M.E.
5	Ms. V. Aruleena kiruba	Assistant Professor	M.E.

## Students' Profile

### Student's Statistics for the year 2017-2018

The students are admitted on each course based on the Government schemes of reservation.  
The community wise student's statistics are given below:

S.No	COURSE	OTHER THAN MINORITY															Minority	Total		Total					
		SC		SCA		ST		BC		DNC		MBC		OC		M		F	M		F				
		M	F	M	F	M	F	M	F	M	F	M	F	M	F										
1	B.SC ELECTRONICS	1	0	0	0	0	0	1	5	0	1	3	0	1	0	0	0	3	0	6	0	3	8	0	38

### Placement Details

Programme Name	Batch	Number of students passed in final year examination	Number of students enrolled into higher education	Number of students placed in jobs
B.Sc.	2015- 2018	16	2	5

# Curriculum

## Course Evaluation Pattern

This program is under Choice Based Credit System of the University. Each paper is evaluated for 100 marks with Internal 25 marks and External 75 marks. The duration of the examination is 1 hour for internal assessment test and 3 hours for external examination.

The pattern for internal assessment and the external examination are as follows:

### For UG courses

Internal Evaluation Pattern		External Evaluation Pattern		Practical Evaluation Pattern
Average of Best of two from three internal assessment test	= 20	Section A (10x1=10)	= 10	Internal = 50
		Section B (5x5=25)	= 25	External = 50
Assignments/Seminars	= 05	Section C (5x8=40)	= 40	Total Marks = 100
Total Marks	= 25	Total	= 75	

<b>S.NO</b>	<b>SUBJECT CODE</b>	<b>SUBJECT</b>	<b>CREDITS</b>
1	SMEL11	Basic Electronic Devices	4
2	SAIE11	Office Automation	3
3	SEVS11	Environmental Studies	2
4	JMEL31	Electronic Circuits	4
5	JMEL32	Electronic Measurement & Circuit Theory	4
6	JAES11	Digital Data Communication	3
7	JSEL3A	Consumer Electronic Appliances	4
8	JNEL3A	Computer Hardware	2
9	GMEL51	Microprocessor	4
10	GMEL52	Medical Electronics	4
11	GMEL53	Mathematics	4
12	GMEL5A	Television Engineering	4
13	GESB5A	Personality Development	2
14	SMEL21	Digital Electronics	4
15	SAIE21	C Programming	3
16	SVBE21	Value Based Education	2
17	JMEL41	Linear Integrated Circuits	4
18	JMEL4A	Computer Network	4
19	JACS41	Advanced Communication System	3
20	JNES4A	Industrial Control	2
21	JSEL4A	Maintance & Trouble shooting Audio Video Equipments	4
22	GMEL61	Communication System	4
23	GMEL62	Industrial Electronics	4
24	GMEL63	VLSI Design	4
25	GMEL64	Robotics	4
26	GMEL6A	Fibre Optic Communication	4



## Result Analysis

External examinations are conducted by ManonmaniamSundaranar University and the corresponding results are declared after evaluation. The subject-wise result analysis is made by course instructors which will be helpful to understand the quality of classroom teaching and observation about each course.

The analysis of the result for April 2014 and November 2015 University examinations are represented graphically:

The details of outgoing students that are appeared as well as passed in the April 2015 University examinations, are given in the below table:

<b>Programme Name</b>	<b>Batch</b>	<b>Number of students appeared in the final year examination</b>	<b>Number of students passed in final year examination</b>	<b>Pass Percentage</b>
B.Sc.	2015 – 2018	16	14	87.5

## **1. Infrastructural Facilities**

- Class Room
- Wi-Fi enabled Secured Block
- Discussion Room

## **2. Outcome of the students meeting**

- Students felt that the infrastructure provided by the college and department is GOOD
- The rules and regulations of the department were appreciated.
- Advanced curriculum and syllabus were appreciated and felt very proud in studying at this institution.
- They felt that the Staffs of the department are having best expertise and experience and are handling classes in a very professional way.
- Library timings not sufficient.
- Very minimal participation in extra-curricular activities for PG students.
- Wi-fi bandwidth not sufficient.
- Plug points for charging laptops not adequate in classrooms.
- Lunch room with water is expected in every block.
- Girls are not allowed to attend competitions outside the campus.
- Syllabus is advanced but heavy and due to that students felt stressed and are planning to move to other colleges.
- Importance is not given for communication and soft skills classes.

## **3. Outcome of the Faculty meeting**

- They felt very proud to serve for this institution.
- They felt satisfied with the pay package.
- EPF contribution was also appreciated.
- Friendly and professional academic environment created by HOD was well appreciated.

## **4. Overall assessment**

- The evaluation process followed in the laboratory is good.
- Uniform for students on Fridays is a good practice.
- The SGP programme is having a good impact on the outcome of the students.
- The virtual classroom with Audio visual effect and also reading section in Library is good.
- No visiting professors.
- No of volumes of Text books at library is not sufficient.
- Wi-fi bandwidth is too low.
- Web site of the college is not updated.
- Publications and participations in FDP, seminars, conferences and workshops by faculty members are minimal.
- Placement activities and placement related training are good.
- Placements in MNC are less.
- To complete 90 working days for first semester students is not feasible because of the admission procedure.


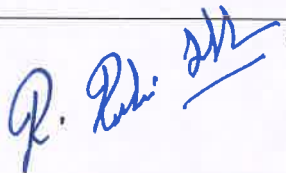

## **5. Suggestions**

- More no of text book volumes has to be purchased
- Publications and participations in FDP, seminars, conferences and workshops by faculty members are to be increased.
- Paid leaves should be given to the faculty members to attend FDP, seminars, conferences and workshops.
- Incentives may be given to the faculty by the management for publishing papers and producing 100% results.
- External funded research projects to be taken up by the faculty members.
- Students may be asked to write job oriented online exams (elitmus, brainbench etc.) for better placements
- Since the time frame of 90 days for first semester is not met, certain complex subjects such as optimization techniques may be shifted to other semester.
- Programming Languages like java and .net may be given as an elective both in theory and practicals.
- Syllabus for Research domain and self learning courses may be clearly defined and it may include more areas.
- Lab credits may be reduced from 4 to 2 or 3.
- Soft Skills and Communication Skills may be combined into a single subject.
- Uniform distribution of number of theories and practical has to be followed in all the semesters.
- Total number of papers may be reduced to 8 per semester having 5T and 3P.
- Software projects I,II,III may be removed as practicals and be included as a component in programming lab practicals.
- Importance has to be given for communication and soft skills classes.

## **6. Conclusion**

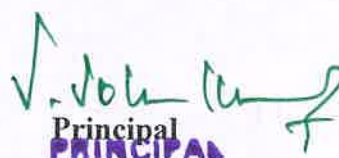
- Fundamental rules and regulations followed by the college management and department staff members are very good.
- Basic amenities and infrastructure in the college and the department is very good.
- Library facility is very good and there is a vast scope of development.
- Faculty Attrition ratio is low and that is good for a management.
- Faculty members are well experienced, qualified and talented and need more motivation in the form of incentives for publications and training.
- Students are given good placements and it may further be improved by placing them in MNC.

## Signature of the Academic Panel Members

<b>Chair Person</b>  Mr. A Abraham N R Singh, Head, Department of Electronics, St. John's College, Palayamkottai, Tirunelveli- 627002,	
<b>Subject Expert -1</b>  Mr. B. Robin Jesubalan, Head, Department of Information Technology PSN Engineering College, Tirunelveli.	 <b>R. ROBIN JESUBALAN, M.E.,</b> Head of the Department Department of Information Technology PSN Engineering College Melathediyoor, Tirunelveli
<b>Subject Expert – 2</b>  Mr. T. Lazar Head, Department of Electronics, Sri Paramakalyani College of Arts and Science, Alvarkurichi.	



**IQAC Coordinator**



**Principal**  
**PRINCIPAL**  
**St. JOHN'S COLLEGE**  
**PALAYAMKOTTAI - 627 002**