Annual

Academic

Audit Report

2015-16

Department of English

23rd & 24th August 2016

Table of Contents

Academic audit report 2015-2016

1. **Introduction**

      The Academic Audit of the Department was conducted on 23rd and 24th August, 2016. 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. E. Edward David Sundararaj,

Head, Department of English and Research Center,

St John's College, Palayamkottai,

Tirunelveli- 627002,

Tamil Nadu.

Phone: 9442252264, Email: eddiebenvin@gmail.com

Coordinator

Prof. J. Pinky Diana Evelyn

Assistant Professor of English,

St John's College, Palayamkottai,

Tirunelveli- 627002,

Tamil Nadu.

Phone: 9566990595, Email: pinkydhinakarr@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

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

Industry Expert

Mr. T. S. Sundersingh,

Gazetted officer,

Agriculture Department.

Phone: 9842180700

Email: tssundersingh@gmail.com

4. **Schedule of the Academic Audit (2015- 2016)**

Day I (23-8-2016)

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 and MPhil students.

Time	Activity
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 (24-8-2016)

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

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.	Rev. H.J. Schaffter
2.	Rev. H.P. Young
3.	Rev. C.W.F. Bennett
4.	Bp. G.T. Selwyn
5.	Mr. Walter George
6.	Bp. Thomas Garrett
7.	Rev. Philip Lea
8.	Rev. H.J.M. Turner
9.	Prof. G. John Devadasan
10.	Prof. D.S. George Muller
11.	Prof. D.A. Thangasamy

12.	**Rev. Dr. H. Francis Soundararaj.**
13.	**Prof. G. Samuel Ebenezer**
14.	**Prof. Immanuel B. Asirvatham**
15.	**Dr. Vedamani Balraj**
16.	**Dr. P. Iyadurai**
17.	**Dr. R.S. Arulanandham**
18.	**Prof. Leslie I. Jacob**
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**

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
3600	76	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.
- 3 Candidates were awarded PhD this year.

5.6 Faculty profile

Faculty strength	Total staff-19 Regular-13 SF- 6 Men(R)- 11 Men (SF)-3 Women (R)-2 Women (SF)-3

Qualification	(R) PhD- 5, PhD pursuing-6 MPhil- 3 (SF) MPhil-6
NET/SET Qualified	(R) SET-2

5.6 List of Faculty Members

S.No.	Name of the staff	Designation	Qualifaction	Roles & Responsibilities	Date of joining	Teaching experience in years
1.	Dr. Edward David Sundararaj	HOD, Associate Professor	M.A., B.Ed., M.Phil., Ph.D	Head of the Department	6/12/1982	33
2.	Mr. David Augustine Karunaharan	Associate Professor	M.A., M.Phil., M.A(Crime and Police Science) Dip, LLAL	Remedial coaching	12/2/1984	31
3.	Dr. M.B.ReginaldPrithiviraj	Associate Professor	M.A., M.Phil., PGDJMC	Alumni magazine, Boys counselling and Grievance cell	6/8/1984	31
4.	Dr. R. JeyaSundararaj	Associate Professor	M.A., M.Phil., Ph.D.		25/6/1984	31
5.	Dr. B. BenesonThilagarChristadoss	Assistant Professor	M.A., M.Ed., M.Phil., Ph.D.	Career guidance and placement	15/3/2000	15
6.	Prof. D. Nalina Palin	Assistant Professor	M.A., M.Phil	Students grievance and redressal committee, women's	15/3/2000	15

S. No.	Name of the staff	Designation	Qualification		Date of joining	Teaching experience in years
7.	Mr. R. Heiz Dawson	Assistant Professor	M.A., M.Phil		18/8/2000	15
8.	Prof. K. Vijila	Assistant Professor	M.A., M.Phil., M.Ed.		18/8/2000	15
9.	Mr. H.SomanManjore	Assistant Professor	M.A., M.Phil		7/1/1985	30
10.	Mr. J. Jebaraj Kingsley Zecheriah	Assistant Professor	M.A., M.Phil., SET		18/3/2014	1
11.	Mr. U. Kethrapal	Assistant Professor	M.A., M.Phil.		2/7/2014	1
12.	Mr. S. Christober Jacob	Assistant Professor	M.A., M.Phil., NET		11/12/2014	1
13.	Mr. F. Shophet Peter Benedsingh	Assistant Professor	M.A., M.Phil., NET		15/12/2014	1

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	6
2.	Mr. T. Daniya Rani	Assistant Professor	M.A., M.Phil.	1/6/2012	3
3.	Mrs. L. Damaris Lydia Janet	Assistant Professor	M.Sc (Comp.)., M.Phil., M.B.A.,	1/7/2011	4
4.	Mr. D. Gladwin	Assistant Professor	M.A., M.Phil.,	3/7/2012	3
5.	Mrs. A. Vijaya Lakshmi	Assistant Professor	M.A., B.Ed., M.Phil.	18/6/2014	1
6.	Mr. C. Samuel	Assistant Professor	M.B.A., M.Phil(NET).,	5/9/2014	1

			M.A(Eng)., M.Phil.		

6. Students' community wise statistics (2015-2016)

	SC	ST	OBC	OC	Minority	Total
Department of English UG	8	0	13	3	40	64
Department of English UG SF	11	0	21	10	15	57
Department of English PG	3	0	7	2	18	30
Department of English PG SF	-	-	-	-	-	-
Department of English MPhil	2	0	6	1	6	15

7. Curriculum
- The curriculum is periodically inspected.
- Feedbacks regarding the curriculum are regularly asked.
- More interactive programs were introduced for the students.
- The curriculum for M.Phil. program was analysed.

7.1 Program structure

UG

I Semester

Components	Hours	Credits
Part I Tamil/other languages(1 Course)	6	3
Part II English (1 Course)	6	3
Part III Core Subjects (2 Courses)	10	10
Allied Subject I (1 Course)	6	5
Environmental Studies (1 Course)	2	2
Total (6 Courses)	30	23

III Semester

Components	Hours	Credits
Part I	6	3

Language (1 course)			
Part II English (1 Course)		6	3
Part III	Core Subjects (1 Course)	6	5
	Allied Subject I (1 Course)	6	5
Part IV	Non Major Elective (1 course)	4	4
	Skill Based Subject (1 course)	2	2
Total (6 Courses)		30	22

IV Semester

Components		Hours	Credits
Part I Language (1 course)		6	3
Part II English (1 Course)		6	3
Part III	Core Subjects (1 Course)	6	5
	Allied Subject I (1 Course)	6	5
Part IV	Skill Based Subject (1 course)	4	4
	Non Major Elective (1 course)	2	2
Part V	Extension activity (NCC, NSS, YRC, YWF)		1
Total (6 Courses)		30	23

V Semester

	Components	Hours	Credits
Part III	Core Subjects (2 Courses)	14	10
	Major Elective (2 courses)	12	10
Part IV	Skilled based Subjects	4	4

	(common) (1 course)		
	Total 5 courses	30	24

VI Semester

	Components	Hours	Credits
Part III	Core Subjects (4 Courses)	24	20
	Major Elective (1 course)	6	5
	Total (5 courses)	30	25

PG Program Structure

III Semester

S.No.	Core Subjects	Hrs	Credits
1.	Shakespeare	6	4
2.	Critical Theory- Paper-II	6	4
3.	Canadian Literature	6	4
4.	Literature in Translation	6	4
5.	English Language in Teaching (Elective III) Or Creative Writing (Elective III)	6	5

IV Semester

S.No.	Core Subjects	Hrs	Credits
1.	Women's Writing in English	6	5
2.	The English Language and Linguistics	6	5
3.	Research Methodology	6	5
4.	Dissertation	6	5
5.	The Post Colonial Literature (Elective IV) Or	6	4

Literature For Social Transformation (Elective IV)		

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	59	33	55.93
MA	English	30	28	93.33

10. Result Analysis

| 2015 – 2016				
Year	Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination
2015 - 2016	00EC	B. A English	59	33
2015 - 2016	00EH	B. A English with C. A	31	16
2015 - 2016	KENG	M. A English	30	28
2015 - 2016	NIENG	M. Phil English	15	15

RESULT ANALYSIS – NOVEMBER 2015

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	G1TL11	58	4	92
2	Part II – English	G2EN11	56	6	90
3	Chaucer to Renaissance	GMEN11	37	25	60
4	Indian Writing in English	GMEN12	39	23	61
5	Social History of England	GAEN11	37	25	60
6	Environmental Studies	GEVS11	58	4	92
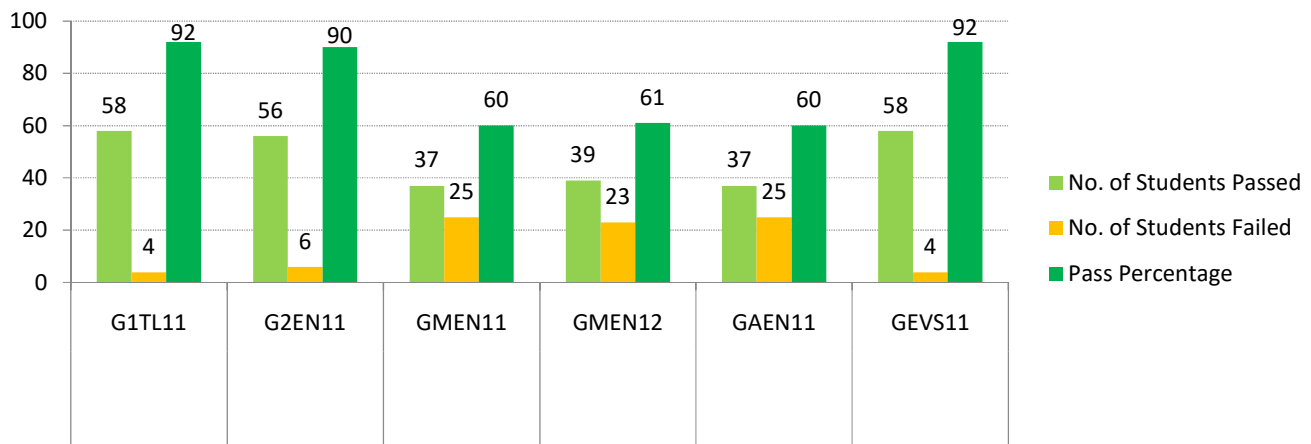
Inference:

The above table shows that only 60% of the students were able to pass the subject "Social History of England" and "Chaucer to Renaissance" and only 61% of the students were able to pass the subject "Indian Writing in English". Additional resources and care has been given to the students particularly the major subjects so that they can clear the subject without arrear.

RESULT ANALYSIS – NOVEMBER 2015

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	G1TL31	56	2	97
2	Part II – English	G2EN31	55	3	95
3	Augustan Age – 18th Century Literature	GMEN31	54	4	93
4	Phonetics and Spoken English	GSEN3A	58	0	100
5	Literary Forms	GAEN31	36	22	61
6	Freedom Movement in India	GNHI3A	54	4	93
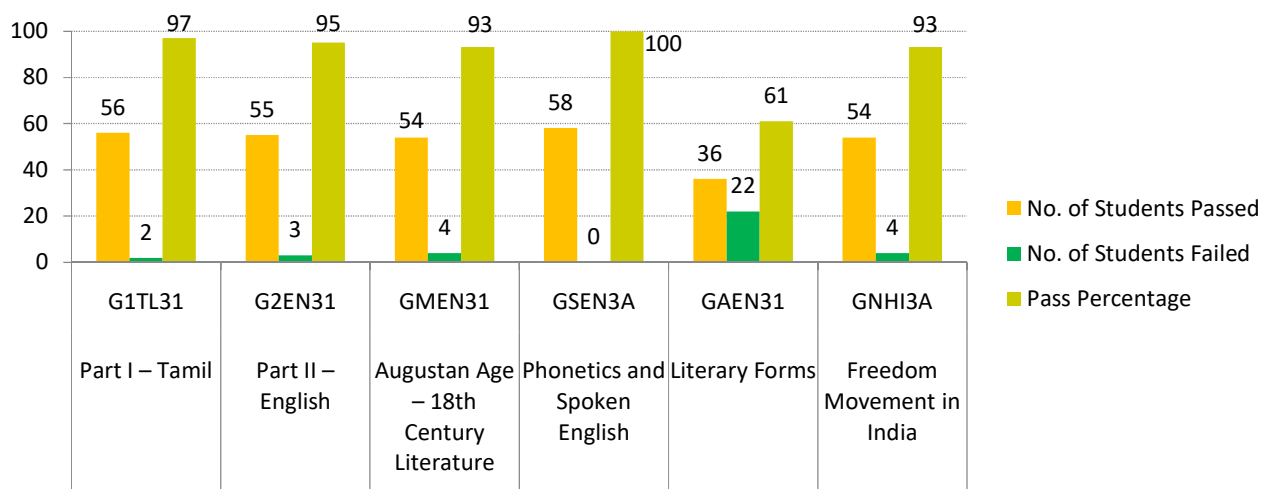
Inference:

As the subject "Literary Forms" is a tough one, only 61% of the students passed it. Proper care and attention is being given to the students so that they can pass "Literary Forms" in the forthcoming semester examination. Overall result is considerably good.

RESULT ANALYSIS – NOVEMBER 2015

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	11	82
2	Age of Hardy & Modern Age	GMEN52	39	20	66
3	Canadian Literature	GMEN5A	54	5	91
4	Women's Writing	GMEN5B	44	15	74
5	Soft Skill Enhancement	GCSB5C	54	5	91

	GMEN51	GMEN52	GMEN5A	GMEN5B	GCSB5C
No. of Students Passed	48	39	54	44	54
No. of Students Failed	11	20	5	15	5
Pass Percentage	82	66	91	74	91

GMEN51 – Pre-Raphaelite Age and Victorian Age
GMEN52 – Age of Hardy & Modern Age
GMEN5A – Canadian Literature
GMEN5B – Women's Writing
GCSB5C – Soft Skill Enhancement
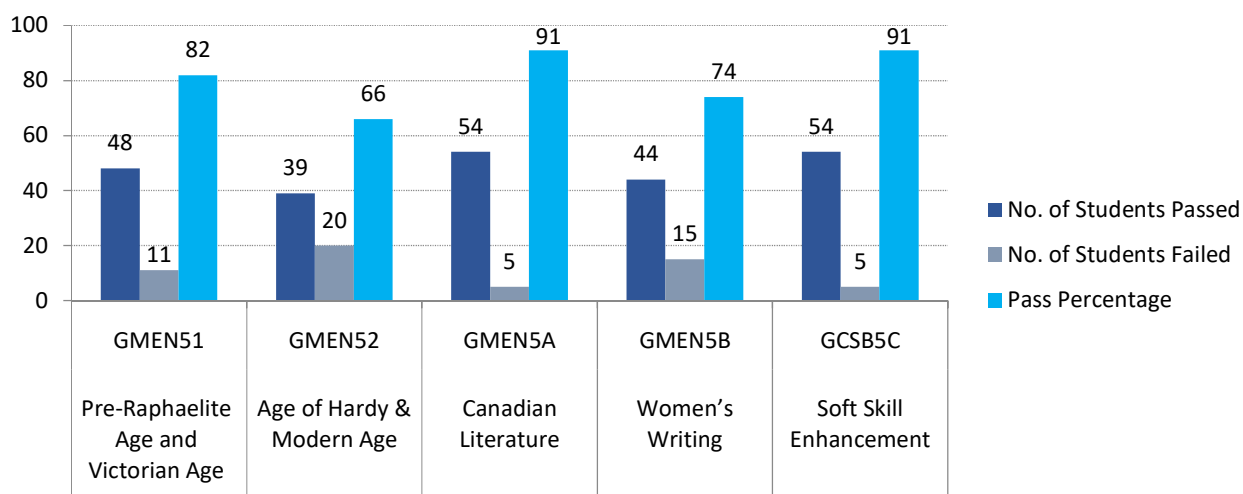
Inference:

Even though proper guidance has been given to students, only 66% of the students passed the subject "Age of Hardy & Modern Age" and only 74% of the students were able to pass the subject "Women's Writing". Remedial coaching classes were conducted for the failed students.

RESULT ANALYSIS – NOVEMBER 2015

I Year M.A. English Literature

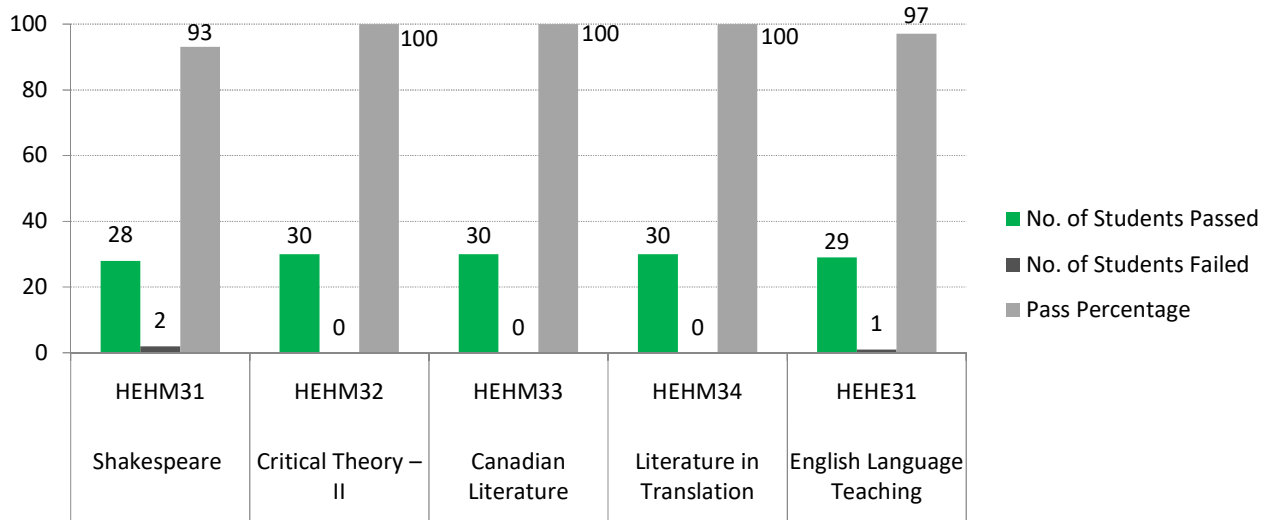| Sl. No.	Subject Name	Subject Code	No. of Students Passed	No. of Students Failed	Pass Percentage
1	British Literature – I	HEHM11	27	3	90
2	British Literature – II	HEHM12	25	5	83
3	Indian Writing in English – I	HEHM13	27	3	90
4	American Literature – I	HEHM14	24	6	80
5	English for Mass Communication	HEHE11	27	3	90
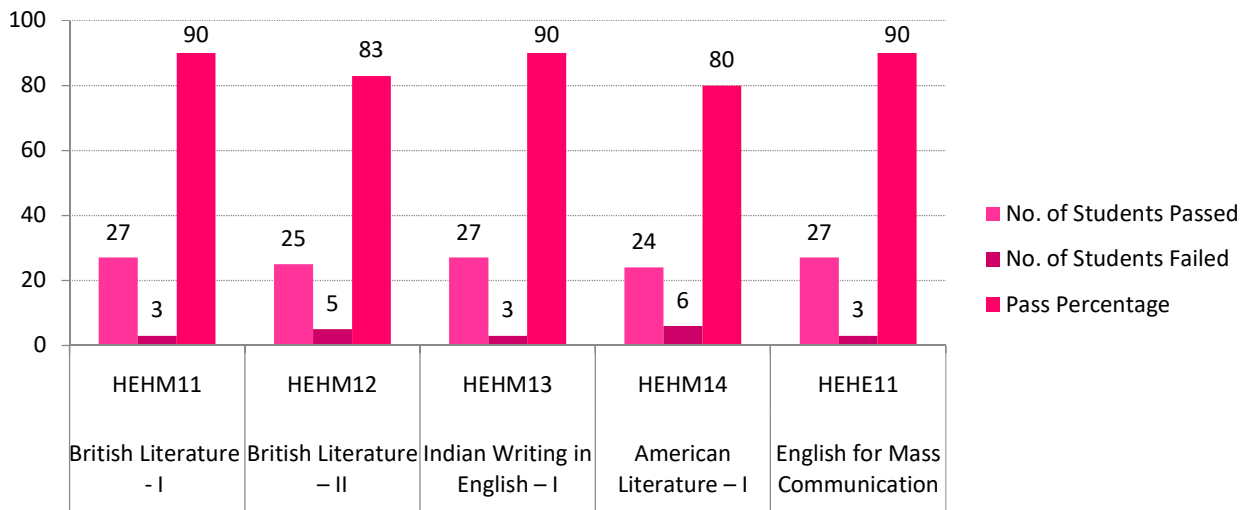
Inference:

90% of the students have passed in three subjects: Indian Writing in English – I, British Literature - I and English for Mass Communication. Only 80% of the students have passed the subject "American Literature" 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 2015

II Year M.A. English Literature

Sl. No.	Subject Name	Subject Code	No. of Students Passed	No. of Students Failed	Pass Percentage
1	Shakespeare	HEHM31	28	2	93
2	Critical Theory – II	HEHM32	30	0	100
3	Canadian Literature	HEHM33	30	0	100
4	Literature in Translation	HEHM34	30	0	100

| 5	English Language Teaching	HEHE31	29	1	97

Inference:

Overall pass percentage is excellent, except "Shakespeare" as only 93% 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 "Shakespeare". Due attention has been given to the students who have failed in that subject.

RESULT ANALYSIS – APRIL2016

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	G1TL21	55	6	90.1
2	Part II – English	G2EN21	57	4	93.4
3	Jacobean Age to Augustan Age	GMEN21	37	24	60.6
4	American Literature	GMEN22	46	15	75.4
5	Communicative Grammar and Usage	GAEN21	49	12	80.3
6	Value Based Education	GVBE21	61	0	100
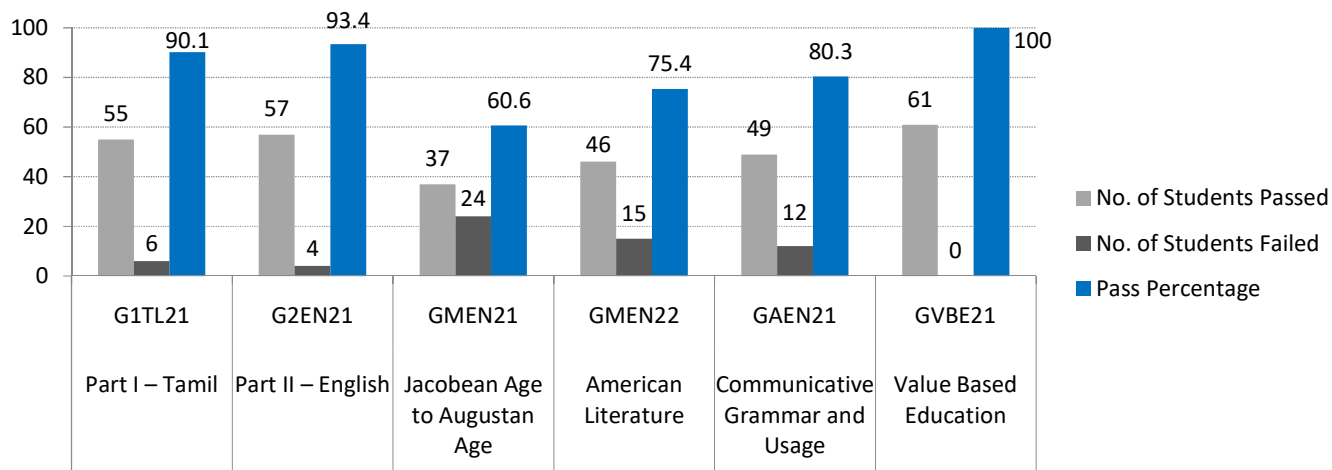
Inference:

Only 60.6% of the students have passed in "Jacobian Age to Augustan Age" and in "American Literature", only 75.4% 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 2016

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	G1TL41	60	0	100
2	Part II – English	G2EN41	56	4	93.2
3	Romantic Age	GMEN41	46	14	76.2
4	Effective Communication	GSEN4A	47	13	77.5
5	Literary Critics	GAEN41	47	13	77.5

| 6 | Indian Constitution | GNHI4B | 58 | 2 | 96.6 |
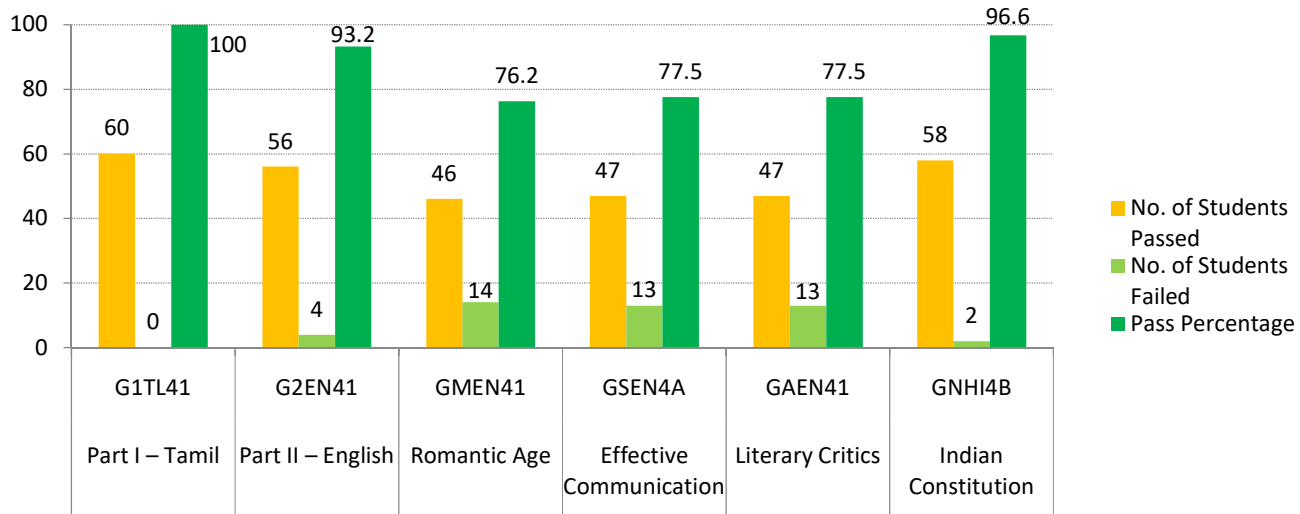
Inference:

Overall pass percentage is considerably good except "Romantic Age" as only 76.2% 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 "Romantic Age". 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 2016

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	43	15	74.1
2	Contemporary Literature	GMEN62	46	12	79.31
3	Literary Criticism and Theory	GMEN63	49	9	84.2

| 4 | Regional Literature in Translation | GMEN64 | 46 | 12 | 79.31 |
| 5 | Journalism and Mass Communication | GMEN6B | 51 | 7 | 87.7 |
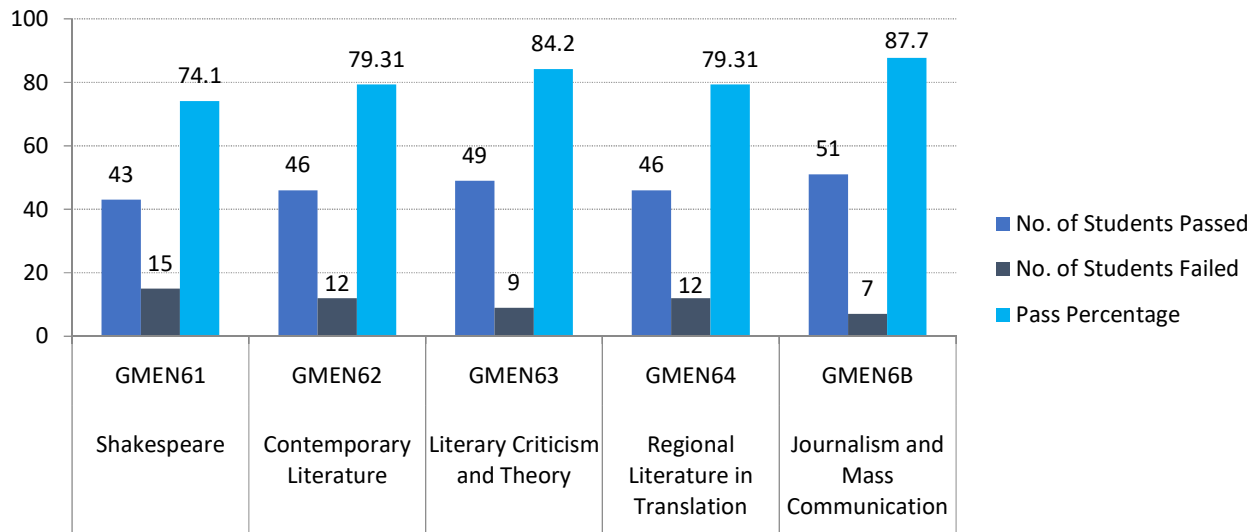
Inference:

Overall pass percentage is considerably average. The Lack of study materials might be one reason for the low percentage of pass in the major subjects. Due attention has been given to the students who have failed in other subjects so that they can pass in the next semester examination.

RESULT ANALYSIS – APRIL 2016

I Year M.A. English Literature

Sl. No.	Subject Name	Subject Code	No. of Students Passed	No. of Students Failed	Pass Percentage
1	British Literature – III	HEHM21	30	0	100

| 2 | British Literature – IV | HEHM22 | 28 | 2 | 93.3 |
3	Indian Writing in English - II	HEHM23	27	3	90
4	Critical Theory – I	HEHM24	24	6	80
5	Developing Communication Skills	HEHE21	30	0	100
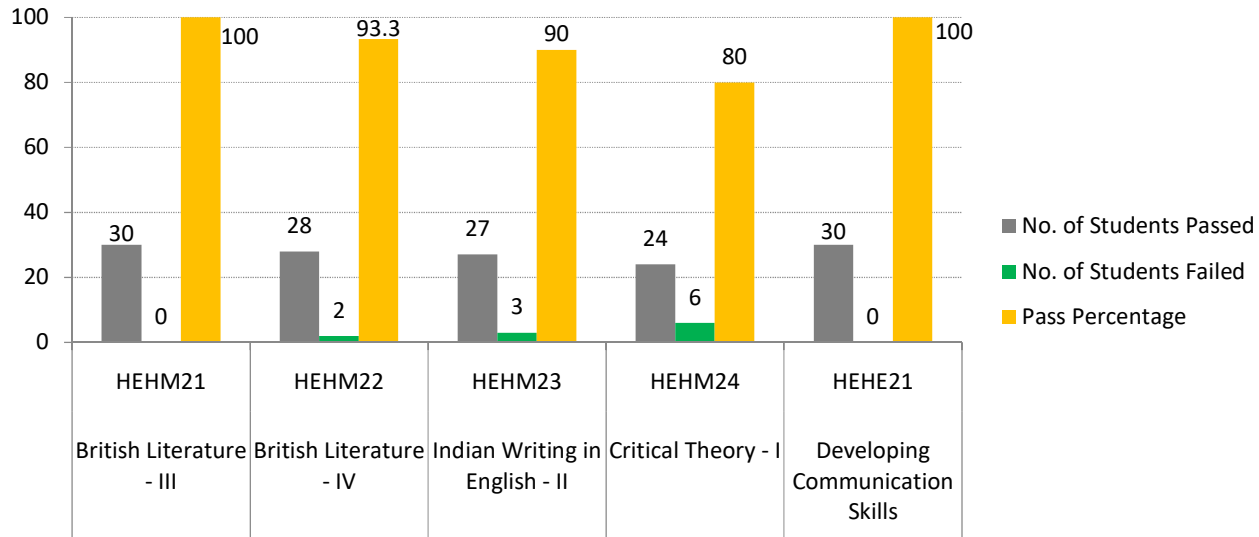
Inference:

Overall pass percentage is good. Even though "Critical Theory – I" is a tough subject, 80% of the students have passed it. In two subjects: British Literature – III and Developing Communication Skills, the class as a whole has performed well to achieve 100% success.

RESULT ANALYSIS – APRIL 2016

II Year M.A. English Literature

Sl. No.	Subject Name	Subject Code	No. of Students	No. of Students	Pass Percentage

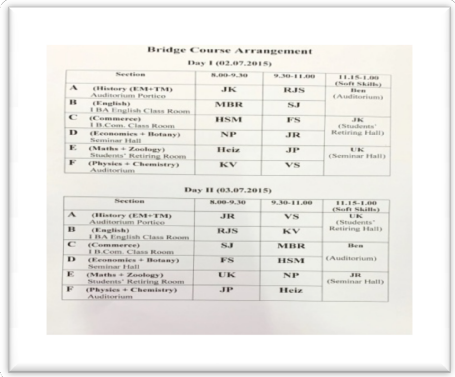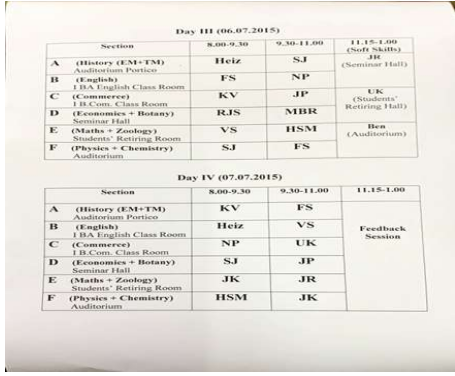|			Passed	Failed	
1	Women's Writing in English	HEHM41	30	0	100
2	The English Language and Linguistics	HEHM42	29	1	96.6
3	Research Methodology	HEHM43	29	1	96.6
4	Literature for Social Transformation	HEHE42	30	0	100
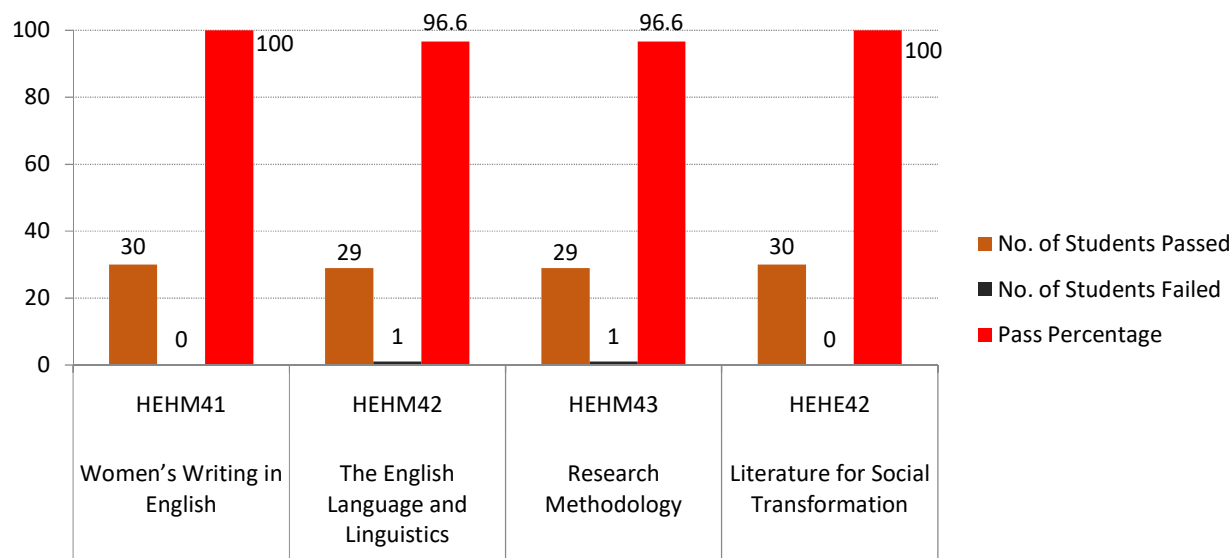
Inference:

Overall pass percentage is excellent. In two subjects: Women's Writing in English and Literature for Social Transformation, the class as a whole has performed well to achieve 100% success.

11. Department Activities

DATE	EVENTS
18.06.15	College Reopens for the odd Semester

22.06.15	The First Department Meeting(Photo Available)
23.06.15	K.Vijila was awarded as a doctorate from MSU
24.06.2015	Othello movie was screened by Dr.D A Karunakaran to II M.A students.
26.06.2015	A special lecture on 'Paul De Man's The Resistance to theory' was given to II M.A Students by DR. R. JeyaSundararaj at the research centre at 8.00AM
02.07.15 03.07.15 06.07.15	Bridge Course (Time Table Attached in Lap)
07.07.15	Winter's tale movie was screened by Heiz Dawson for II M. A Students

10.07.15	Ramayana flimwas screened by Prof.S. ChristoberJacob to II M.A Students at research lab at 11.15AM.
13.07.15	A lecture was given on English language and teaching by Dr. Beneson for II M.A studentsat research lab at 9.15AM.
14.07. 15	A lecture on Rape of lock was given by Dr. Nalinapaulin FOR I M.A students at research lab at 12.15 PM.
15.07.15	Dr.Soman screened The Spanish Tragedy movie for I M.A students at research lab at 9.15AM
20.07.15to27.07.15	I Internal Examinations were Conducted
21.07.15	Inauguration of JAS Club John arts& social work club. Miss Sally spoke. Inauguration of JAS club ,Johns Arts &Social work club The Lecture was given by Miss.Sally.Johns Arts and Social Work Club (JAS Club) was inaugurated on 24/07/2015. Students of literature were inspired by the fascinating speech of Miss. Sally and thus formed the JAS Club. Skilled students of English literature are identified and motivated to participate in various competitions. JAS Club is also involved in social work like blood donation.
29.07.15	M.B Reginal lecture on Savithri to I M.A students at research lab at 10.15 AM
29.07.15	M.B Reginal lecture on Savithri to I M.A students at research lab at 10.15 AM

30.07.2015 04.08.2015	Dr.SomanManjore gave a lecture on All My sons for I M.A Students
10.08.2015	Prof. S. Christober Jacob has applied for a minor project under UGC grant on the topic **"The Mien of Marriage at the Aegis of Feminism: A Study on the select works of ManjuKupur and GeethaHariharan".**
11.08.15	Department Meeting
31.08.15to07.09.15	II Internal Assesment Examinations were conducted
05.09.15	Teachers day Program
07.09.15	Literary Association Meeting
12.08.2015	Dr.Beneson screened DR.Faustus movie for I M.A student
18.08.2015	Introduction to mass media communication was given to I M.A Students Dr. K.Vijila research lab at 10.30AM

20.08.2015	The Rivals play was screened by Dr.NalinaPaulin for II BA students research lab at 11.00AM
24.08.2015	Pygmalion play was screened by Dr.Beneson for III BA student at research lab at 8.00AM
27.08.2015	lecture on vowels and stresses was given by J.Kingsley for II B.A students in research lab at research lab at 9.00AM
29.08.2015	Prof.Pinky gave a note on She Stoops to Conquer for I M.A students at research lab at 10.00am
09.09.2015	A movie on epithalamion was screened by byJ.Kingsley for I M.A students in research lab at 10.30AM
11.09.2015	A lecture on communication skills was given by U. Kethrapal for II B.A students in research lab at 8.30 AM
15.09.15	A Visit from Grotest University
21.09.15	A lecture on The Ectasy of Rita Joe was given by Dr. Nalinapaulin for I M.A students at research lab at 8.30 A.M
23.09.2015	Life of movie was screened A lecture on Rape of lock was given by Dr. Nalinapaulin FOR I M.A students.
28.09.15	The Department of English inaugurated the Literary Association on 28th September 2015. Dr. P.K. Kalyani, Head of the Department of English, ManonmaniamSundaranar University, was the chief guest of

	the function. Dr. Edward David Sundara Raj, Head of the Department of English, St. John's College, welcomed the gathering. Dr. Arul Devadoss, Principal i/c presided over the function. Dr. P.K. Kalyani, in her lecture, stressed the importance of human values.
05.09.15	Teacher's day program.
07.12.15	A lecture on psychological approach was given by Dr. R. sundarraj for I M.A at research lab at11.30 AM
10.12.15	Robinson Crusoe was screened by Dr. Karunakaran for I B.A students at research lab at 9.15 AM.
11.12.15	A lecture on conducting research was given by Dr. Karunakaran for II M.A students at research lab at 9.15 AM
14.12.15	A lecture on Semantics was given by Dr.M.B. ReginalPrithviraj for II M.A students at research lab at 9.15 AM

15.12.15	A lecture on phonetics was given by Dr.B.Beneson for II M.A students at research lab at 9.15 AM
17.12.15	Great expectation was screened by heiz for I M.A students at research lab at 10.15 AM
18.12.15	A lecture on Shakespearean audience was given by Dr.K.Vijila for I M.A students at research lab at 8.15 AM
21.12.15	A lecture on communicative grammar was given by prof. SomanManjore for I B.A students at research lab at 8.15 AM.
05.01.15to10.10.15	TheThird Internal examinations were conducted
13.10.15	Department Meeeting
16.10.15to27.10.15	Model Examinations were conducted
27.10.15	Department Meeting
28.10.15	PhD viva voce conducted for Prof. J.Pinky Diana Doctoral felicitation NP, KV, Soman
08.15	Vision 2020: Fancy on Realistic. MBR Judge. The Department of English also conducted a debate on the topic **"Vision 2020: Fancy or Realistic"**. It was conducted at the seminar hall. Prof. M. B. Reginald served as a judge for the debate. Students from regular and self financing courses participated in the debate.

08.15	Tribute to APJ
	In order to pay tribute to Dr. APJ. Abdul Kalam, JAS Club of the Department of English organised a programme. Students from our department shared their views of Dr. Abdul Kalam and paid homage to him.
2015	Afro American Lecture on Leadership Quality
2015	An American Lecture
29.10.15	End of the odd semester
04.01.16	A presentation on 'documentation' was presented by Dr. Edward Sundarraj at research lab at 10.30AM
05.01.16	A movie on Waiting for Godo was screened by byJ.Kingsley for I M.A students in research lab at 10.30AM
07.01.16	A lecture on mechanics of writing was given by Prof. J.Pinky Diana for I M.A students in research lab at 10.30AM
15.02.16	A lecture on Grimm's law and Verner's law was given by J.Kingsley for I M.A students in research lab at 12.30pm
08.01.16	A lecture on mechanics of writing was given by J.Kingsley for I M.A students in research lab at 12.30 Pm
12.01.16	A lecture on shadow line was given by prof. V.Sathish for I M.A students in research lab at 12.30 Pm
18.01.16	A lecture on plagiarism was given by Dr.K.Vijila for I M.A students at research lab at 8.15 AM.
20.01.16	A movie on Glass Menargie was screened given by Prof. Heiz for I M.A students in research lab at 10.30AM
25.01.16to01.02.16	First Internal Examination were conducted
2016	II year Post graduate students organised an educational tour to Hyderabad. Twenty six students and two staff members went on the tour.

05.02.16	Mrs.Diana delivered a guest lecture on Job Opportunity in the digital industry
08.02.16	A lecture on Age of Dryden was given by Dr.K.Vijila for I M.A students at research lab at 8.15 AM
11.02.16	A seminar on feminist poetry was presented by Dr. R.JeyaSundara Raj at research lab at 8.15 AM
12.02.16	A One day Seminar on "Communicative Skils:Contexts for the present"
18.02.16	A movie on Tempest was screened by byDr.B.Benenson for III B.A students in research lab at 10.30AM
22.02.16to27.02.16	II Intenal Examinations were conducted
02.16	Prof. MBR awarded as a Doctorate
01.03.16	A lecture the role of press was given by prof. V.Sathish Kumar for III B.A students in research lab at 12.30 Pm.
08.03.16	A lecture on four kinds of meaning was given by Dr. Karunakaran for II M.A students at research lab at 9.15 AM
07.03.16	Literary Association Meeting
11.03.16	A lecture on towards feminism was presented by Dr. Edward Sundara Raj at research lab at 10.30AM

17.03.16	A movie on King Lear was screened by byDr.B.Benenson for III B.A students in research lab at 10.30AM
25.03.16	A lecture on tragic fallacy was given by Dr. R. Sundara raj at research lab at 10.30 AM
28.03.16to02.04.16	III Internal Examinations were conducted
30. 03. 2016	State level Seminar on "Fiction, Drama and Media: Recent Trends".

05.04.16	Extention Activity(vattakottai,Pallavur,Kanyakumari)We, the third year students of English Literature went to Vattakottai, Palavoor and Kanyakumari on 5th April 2016 to create awareness among the people of the above said places to franchise their votes during the assembly election of Tamilnadu to be held on 16th May 2016. We insisted on them the right of every citizen of India to choose his/her choice of candidate to the assembly of Tamilnadu by casting their votes. We also suggested them to have a toilet in every house and thereby avoiding open defecation on the road side. The people understood the importance of having a toilet in their house and promised us to have it soon. We also informed them to avail of rupees ten thousand, sanctioned by the Tamilnadu government for the same purpose. It was also very surprising to us, when they were ready to eradicate the mosquitoes. We suggested them to have underground drainage system by approaching the chairman or the president of the village panchayat for the implementation of the scheme. This will help them to eradicate the mosquitoes which cause Dengue Fever and other infections, which affect the people who lived there. It was very encouraging to all of us, when they responded positively to our suggestions.
	Extention Activity(vattakottai,Pallavur,Kanyakumari)We, the third year students of English Literature went to Vattakottai, Palavoor and

07.04.16	Department Meeting
11.04.16to18.04.16	Model Examinations were conducted
15.4.2016	1988-91 batch students meet.
22.04.16	End of the Even Semester
22.04.16	A Small talk was made on the topic leadership, given by Wilfin. It was held in PG library,the Department of English.The students made the programme special with their involvement.Theprogramme made an impact among the students in developing their leadership skills.The final year students were benefited by the programme to enter into a new phase of their career.
21. 07. 2015	Inauguration of JAS Club John arts& social work club. Miss Sally spoke.
28. 09. 2015	Literary Association. Dr. P. K. Kalyani chief guest – lecture on human values. Dr. Arul Devadoss T/ C
05. 09. 2015	Teacher's day program.
08.	Doctoral felicitation NP, KV, Soman Vision 2020: Fancy on Realistic. MBR Judge.
Aug 2016	Published a book- Recent Trends: Fiction, Drama and Media

	ISBN 978-93-84734-24-4.
13 August 2016	Alumni Association Inaugural Meet
15.4.2016	1988-91 batch students meet.

12. List of Ph.D. Scholars

2015-2016			
NAME OF THE SCHOLAR	DATE OF COMMENCEMENT	ONGOING/ COMPLETED	NAME OF THE GUIDE
MS. D B.LAKSHMIKANTHAM	18.04.2011	Dec-15	DR R JEYASUNDARARAJ

13. Research works published in National/International conference

S.No.	Name	Title of the paper	Name of the conference/ Journal/Book	Affiliating Institute at the time of publication	ISBN/ ISSN
1.	Dr. B. BenesonThilagarChristadoss	Innovative Teaching Learning Method In 21st Century Education Scenario		St. John's College, Palayamkottai, Tirunelveli - 627002.	
2.	Dr.A. Rathina Prabhu	Imitation Learning: A Ground –Breaking Technique to Enhance English Pronunciation Skills for Slow Bloomers	International Journal of English Language, Literature and Translation Studies (IJELR)	St. John's College, Palayamkottai	ISSN 0976-8165
3.	Ms. C. Rosy	Discovery of Destiny	The Criterion: An International Journal in English	St. John's College, Palayamkottai	ISSN 0976-8165
4.	Dr.A. Rathina Prabhu	The Use Of Music And Singing In The Class Room For Enhancing The Listening Skill Of West Tirunelveli Engineering	International Journal of Recent Trends in English Language Teaching	St. John's College, Palayamkottai	ISSN 2350-1499

| 5. | Dr D Nalina Palin | Divining for Personal Truth and Inner Freedom: A Study of Margaret Laurence's *The Diviners* | Critiquing Green Literature in Global Context | St. John's College, Palayamkottai | - |

14. Students Qualified in State/National/International Level Examinations

| Pandidurai P – M.A | NET (2015-2016) |

15. Outcome of students' meeting
- Sufficient library timings were provided.
- Students suggested improvement of the Wi-Fi bandwidth.
- Lunchroom facilities were placed.

16. Outcome of faculty meeting:

- The felt very proud to serve the institution.
- Appreciated the friendly and professional environment of the department.

17. Overall assessment

- The evaluation process followed in the UG courses was strengthened with suggestions by the faculty.
- The evaluation process followed with feedback forms was appreciated.
- The evaluation process followed in the department was appreciated.
- Uniform was suggested for MPhil. Students.

18. Suggestions:

- More number of textbook guide materials has to be purchased.
- More number of online materials has to be recommended.
- The virtual classroom with audio visual effects is good.
- The reading section in library is good.

19. Conclusion:
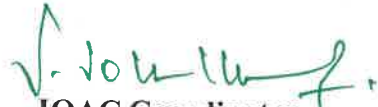
- The facilities provided in the college is commendable.
- Library facilities are good and there is some scope for development.
- Students are very well benefitted by the extra-curricular activities of the college.

20. Signature of the Academic Panel Members

Chair Person Dr. E. Edward David Sundararaj, Head, Department of English and Research Center, St John's College, Palayamkottai, Tirunelveli- 627002, Tamil Nadu. Phone: 9442252264, Email: eddiebenvin@gmail.com	
Coordinator Prof. J. Pinky Diana Evelyn Assistant Professor of English, St John's College, Palayamkottai, Tirunelveli- 627002, Tamil Nadu. Phone: 9566990595, Email: pinkydhinakarr@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	
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	
Industry Expert Mr. T. S. Sundersingh, Gazetted officer, Agriculture Department. Phone: 9842180700 Email: tssundersingh@gmail.com	

Principal

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

IQAC Coordinator

IQAC CO-ORDINATOR
ST. JOHN'S COLLEGE
PALAYAMKOTTAI

38

Annual

Academic

Audit Report

2015-16

Department of History

29th& 30th June 2016

Table of Contents

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 ensurequalified students/researchers passing out from the department. It presents theobjectivesof academic auditing, the process of internal and external evaluation of courses,major/miniprojects, seminars, overall discipline and academic functioning of the department,dutiesand responsibilities of faculty members, research and consultancy and class/coursecommittees.

The Annual Academic Audit of the Department was conducted on 29th and 30thof June 2016.

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. A. Arul Devadoss M.A., M.Phil., Ph.D
Principal i/c
Head &Associate Professor of History,
St. John's College,
Palayamkottai 627 002, Tamil Nadu.
Mob.: +91 9443508825.
Co-ordinator – 1

Prof. G. Andrews M.A., M.Phil., SLET.,
Associate Professor of History,
St. John's College,
Palayamkottai 627 002, Tamil Nadu.
Mob.: +91 86103 10425, e-mail id: andrews1421962@gmail.com

Co-ordinator – 2

Dr.J. Barnabas JacobM.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

Subject Expert – 1

Dr. R. ThomasM.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: jacksrtthomas@gmail.com

Subject Expert – 2

Dr. L. Ravi Sankar M.A., M.Phil., Ph.D.,
Head & Associate Professor of History,
ThiruvalluvarCollege,
Papanasam - 627425,Tamil Nadu.
Mob.:+91 9486408945, e-mail id: ravisan267@gmail.com

4. Schedule of the Annual Academic Audit

DAY 1 (29th June 2016 - 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
DAY 2 (30th June 2016 - Friday)	
Timing	**Activity**
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.

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.

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

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.

- ➢ Second year tour programme to Cochin and Ernakulam on 10th& 11th September 2015
- ➢ Third year one day field trip organized on 07.04.2016
- ➢ One day state level seminar on "jkpo; tsh;j;jlNuhg;gpamwpQh;fs;" organized by Dept. of History on 18.04.2016.
- ➢ Prof. R. Peter Perinbaraja and Prof. A. Arul Devadoss retired function

Third year one day field trip organized on 07.04.2016

One day state level seminar on "jkpo; tsh;j;jlNuhg;gpamwpQh;fs;" organized by Dept. of History on 18.04.2016

Prof. R. Peter Perinbaraja and Prof. A. Arul Devadoss retired function

6. Faculty Profile

Faculty Strength	Total Staff – 8 Men – 8 Women – 0
Qualification	Ph.D. – 4 SET – 2 M.Phil. – 2

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. A. Arul Devadoss	M.A., M.Phil., Ph.D	Principal i/c Head & Associate Professor	06/08/1984	Modern Indian History
2	Dr. R. Peter Perinbaraja	M.A., M.Phil., Ph.D	Associate Professor	14/10/1982	Medieval Indian History
3	Prof. M. Jeyasingh	M.A., M.Phil	Associate Professor	06/08/1984	European History
4	Prof. G. Andrews	M.A., M.Phil., SLET	Associate Professor	13/12/1995	History of Tamil Nadu and Constitutional History
5	Prof. J. DevarajSelvakumar	M.A., M.Phil., SLET	Assistant Professor	16/07/2001	Freedom Movement
6	Dr. J. Barnabas Jacob	M.A, B.Ed., M.Phil., Ph.D.	Assistant Professor	29/05/2009	European History
7	Mr. V. JebamaniMonsingh	MA., M.Phil,	Assistant Professor	29/05/2009	Epigraphy
8	Dr. T.K. Stantley David	M.A., M.Phil., Ph.D	Assistant Professor	24/10/2014	History of the Far East

6.2   List of the Faculty members, based on API score

S. No.	Name of the Faculty	Designation	API Score
1	Dr. A. Arul Devadoss	Associate Professor and Head	132
2	Dr. R. Peter Perinbaraja	Associate Professor	109

3	Prof. M. Jeyasingh	Associate Professor	104
4	Prof. G. Andrews	Associate Professor	117
5	Prof. J. DevarajSelvakumar	Associate Professor	101
6	Dr. J. Barnabas Jacob	Assistant Professor	109
7	Mr. V. JebamaniMonsingh	Assistant Professor	101
8	Dr. T.K. Stantley David	Assistant Professor	105

7. Students' Profile

7.1 Students' Statistics for the year 2015-2016

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	1	4	13	4	9	36
II B.A (E.M)	4	0	1	5	14	3	23	50
III B.A (E.M)	**6**	**0**	**0**	**8**	**10**	**4**	**31**	**59**
I B.A (T.M)	5		4	6	6	3	5	29
II B.A (T.M)	5	0	1	5	12	6	27	56
III B.A (T.M)	5	0	3	8	16	4	31	67

7.2 List of the student's representatives

Course	Name of student's representative
I B.A (E.M)	E. Gomes Sopalin
II B.A (E.M)	M. ThirupathiVenkadesh
III B.A (E.M)	P. Selvathasan
I B.A (T.M)	S. JeganSamraj
II B.A (T.M)	K. Nallaia Ebenezer
III B.A (T.M)	J. David JebaKingsly

7.3 Students' Achievements

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	J. ShahulHameed	Tamil Nadu Police Department
4	C. Suriya Narayanan	Tamil Nadu Police Department
5	A.Bala Subramanian	Tamil Nadu Police Department
6	P.Selvathasan	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)	2012 – 2015	18	4	2
B.A (T.M)	2012 – 2015	15	3	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	G1TL11	Tamil	25	75	100	6	4
	G2EN11	English	25	75	100	6	4
	GMHI11	History of India upto 647 A.D	25	75	100	5	4
	GMHI12	Principles of Tourism	25	75	100	5	4
	GAPO11	Theory of Political Science	25	75	100	6	4
	GEVS11	Environmental Studies	25	75	100	2	2
II	G1TL21	Tamil	25	75	100	6	4

			IM	EM	TM	H	C
	G2EN21	English	25	75	100	6	4
	GMHI21	History of India (647 – 1526 A.D)	25	75	100	5	4
	GMHI22	Indian Heritage	25	75	100	5	4
	GAPO21	Modern Constitutions	25	75	100	6	4
	GVBE21	Valued Based Education	25	75	100	2	2
III	G1TL31	Tamil	25	75	100	6	4
	G2EN31	English	25	75	100	6	4
	GMHI31	History of India (1526 –1772A.D)	25	75	100	6	4
	GSHI3B	Panchayatraj	25	75	100	4	4
	GNHI3A	Freedom Movement in India	25	75	100	2	3
	GAPO31	Modern Political thought	25	75	100	6	4
IV	G1TL41	Tamil	25	75	100	6	4
	G2EN41	English	25	75	100	6	4
	GMHI41	History of India (1772– 1947A.D)	25	75	100	6	4
	GSHI4B	Epigraphy	25	75	100	4	4
	GNHI4B	Indian Constitution	25	75	100	2	3
	GAPO41	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	=20	Section A (10x1=10)	=10
		Section B (5x5=25)	=25
Assignments/Seminars	=05	Section C (5x8=40)	=40
Total Marks	=25	Total	=75

8.3   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 2015 and April 2016 University examinations are represented graphically:

RESULT ANALYSIS
B.A HISTORY (EM) - SEMESTER I
NOVEMBER - 2015

	G1TL11	G2EN11	GMHI11	GMHI12	GAPO11	GEVS11
■ O	0%	0%	0%	0%	0%	0%
■ A+	0%	0%	0%	0%	0%	0%
■ A	1%	0%	0%	1%	2%	4%
■ B+	7%	0%	3%	12%	6%	5%
■ B	8%	5%	15%	11%	18%	15%
■ c	11%	11%	9%	8%	8%	10%
■ RA	15%	27%	16%	11%	11%	9%
■ AAA	1%	0%	0%	0%	0%	0%

RESULT ANALYSIS
B.A HISTORY (TM) - SEMESTER I
NOVEMBER - 2015

	G1TL11	G2EN11	GMHI11	GMHI12	GAEC11	GEVS11
■ O	0%	0%	0%	0%	0%	0%
■ A+	0%	0%	0%	0%	0%	0%
■ A	0%	0%	2%	1%	0%	1%
■ B+	1%	1%	1%	9%	1%	5%
■ B	1%	2%	5%	11%	4%	22%
■ c	4%	6%	13%	7%	3%	4%
■ RA	34%	31%	19%	11%	33%	8%
■ AAA	0%	0%	0%	0%	0%	0%

RESULT ANALYSIS
B.A HISTORY (EM) - SEMESTER III
NOVEMBER - 2015

	G1TL31	G2EN31	GMHI31	GAPO31	GSHI3B	GNEC3A
O	0%	0%	0%	0%	0%	0%
A+	1%	0%	0%	0%	0%	0%
A	6%	0%	6%	6%	9%	2%
B+	10%	2%	11%	12%	20%	4%
B	12%	3%	12%	15%	12%	16%
c	8%	9%	7%	5%	2%	11%
RA	8%	31%	9%	7%	2%	7%
AAA	0%	0%	0%	0%	0%	0%

RESULT ANALYSIS
B.A HISTORY (TM) - SEMESTER III
NOVEMBER - 2015

	G1TL31	G2EN31	GMHI31	GAEC31	GSHI3B	GNCO3B
O	0%	0%	0%	0%	0%	0%
A+	0%	0%	0%	0%	0%	0%
A	1%	0%	0%	1%	1%	0%
B+	8%	0%	8%	7%	13%	3%
B	15%	2%	19%	11%	23%	8%
c	19%	7%	9%	21%	7%	19%
RA	10%	45%	16%	13%	7%	19%
AAA	0%	1%	2%	1%	3%	4%

RESULT ANALYSIS
B.A HISTORY (EM) - SEMESTER V
NOVEMBER - 2015

	GMHI51	GMHI52	GMHI5B	GMHI5C	GCSB5A
O	0%	0%	0%	0%	0%
A+	0%	0%	0%	0%	0%
A	1%	1%	0%	3%	2%
B+	6%	3%	8%	3%	9%
B	5%	6%	5%	7%	4%
c	1%	1%	0%	1%	0%
RA	2%	4%	2%	1%	0%
AAA	0%	0%	0%	0%	0%

RESULT ANALYSIS
B.A HISTORY (TM) - SEMESTER V
NOVEMBER - 2015

	GMHI51	GMHI52	GMHI5B	GMHI5C	GCSB5A
O	0%	0%	0%	0%	0%
A+	0%	0%	0%	0%	0%
A	2%	0%	0%	2%	7%
B+	11%	4%	15%	8%	7%
B	9%	22%	10%	3%	11%
c	3%	2%	1%	3%	5%
RA	4%	3%	4%	4%	1%
AAA	0%	0%	0%	0%	0%

RESULT ANALYSIS
B.A HISTORY (EM) - SEMESTER II
APRIL - 2016

	G1TL21	G2EN21	GMHI21	GMHI22	GVBE21	GAOP21
O	0%	0%	0%	0%	0%	0%
A+	0%	0%	0%	0%	0%	0%
A	4%	1%	2%	1%	3%	1%
B+	3%	1%	1%	3%	16%	6%
B	6%	3%	5%	20%	18%	6%
c	24%	14%	5%	11%	7%	5%
RA	11%	65%	15%	5%	3%	7%
AAA	1%	2%	0%	3%	0%	0%

RESULT ANALYSIS
B.A HISTORY (TM) - SEMESTER II
APRIL - 2016

	G1TL21	G2EN21	GMHI21	GMHI22	GVBE21	GAEC21
O	0%	0%	0%	0%	0%	0%
A+	0%	0%	0%	0%	0%	0%
A	1%	1%	2%	0%	4%	0%
B+	0%	0%	1%	3%	7%	1%
B	2%	3%	10%	15%	11%	14%
c	12%	1%	8%	6%	9%	4%
RA	25%	36%	18%	14%	10%	21%
AAA	0%	0%	0%	0%	0%	0%

RESULT ANALYSIS
B.A HISTORY (EM) - SEMESTER IV
APRIL - 2016

	G1TL41	G2EN41	GMHI41	GSHI4B	GSEA41	GAPO41	GNEC4A
O	0%	0%	0%	0%	0%	0%	0%
A+	0%	0%	0%	0%	9%	0%	0%
A	4%	0%	4%	2%	12%	6%	2%
B+	3%	1%	15%	18%	15%	14%	5%
B	11%	5%	16%	12%	4%	13%	18%
c	13%	1%	4%	4%	1%	2%	2%
RA	12%	37%	4%	2%	1%	5%	6%
AAA	0%	0%	0%	0%	0%	0%	0%

RESULT ANALYSIS
B.A HISTORY (TM) - SEMESTER IV
APRIL - 2016

	G1TL41	G2EN41	GMHI41	GSHI4B	G5EA41	GAEC41	GNCO4B
O	0%	0%	0%	0%	0%	0%	0%
A+	0%	0%	0%	0%	4%	0%	0%
A	0%	0%	2%	0%	30%	1%	1%
B+	1%	0%	8%	8%	15%	7%	7%
B	5%	0%	16%	24%	6%	9%	16%
c	23%	9%	10%	9%	0%	15%	17%
RA	25%	46%	18%	13%	0%	21%	14%
AAA	1%	0%	0%	0%	0%	0%	0%

RESULT ANALYSIS
B.A HISTORY (EM) - SEMESTER VI
APRIL - 2016

	GMHI61	GMHI62	GMHI63	GMHI64	GMHI6A
■ O	0%	0%	0%	0%	0%
■ A+	0%	0%	0%	0%	0%
■ A	1%	0%	1%	0%	2%
■ B+	2%	3%	11%	4%	4%
■ B	8%	9%	2%	8%	6%
■ c	4%	3%	1%	0%	2%
■ RA	1%	1%	1%	4%	2%
■ AAA	0%	0%	0%	0%	0%

RESULT ANALYSIS
B.A HISTORY (TM) - SEMESTER VI
APRIL - 2016

	GMHI61	GMHI62	GMHI63	GMHI64	GMHI6A
■ O	0%	0%	0%	0%	0%
■ A+	0%	0%	0%	0%	0%
■ A	3%	0%	5%	2%	1%
■ B+	5%	13%	7%	9%	10%
■ B	14%	10%	11%	11%	15%
■ c	5%	5%	4%	3%	5%
■ RA	1%	1%	1%	3%	1%
■ AAA	3%	2%	1%	2%	1%

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.
- Girlsstudents 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

Chair Person **Dr. A. Arul Devadoss** M.A., M.Phil.,Ph.D Principal i/c Head & Associate Professor of History, St. John's College, Palayamkottai 627 002, Tamil Nadu. Mob.: +91 9443508825.	
Co-ordinator – 1 **Prof. G. Andrews** M.A., M.Phil., SLET., Associate Professor of History, St. John's College, Palayamkottai 627 002, Tamil Nadu. Mob.: +91 86103 10425, e-mail id: andrews1421962@gmail.com	
Co-ordinator – 2 **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	
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: jacksrtthomas@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	

IQAC Coordinator   **Principal**

Annual

Academic

Audit Report

2015-16

PG and Research Department of Economics

16th & 17th August 2016

Sl. No	Contents
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 16th and 17th August 2016.

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
AssistantProfessor& Head of Economics,
St. John's College,
Palayamkottai 627 002, Tamil Nadu.
Mobile: 9443555393

Co-ordinator

Dr. (Miss.) A.AngelAnila, M.A., M.Phil., Ph.D., Set
Assistant Professor of Economics,
St. John's College,
Palayamkottai 627 002, Tamil Nadu.
Mobile: 9942824479

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
E.Mail: andrewsbuilderss@gmail.com

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

DAY 1 (16th August 2016)	
Timing	**Activity**
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
DAY 2 (17th August 2016)	
Timing	**Activity**
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 may 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 by the 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 2015-2016

Faculty Strength	Total Staff	07
	Men	06
	Women	01
Qualification	Ph.D.	01
	NET	00
	SET	01
	M.Phil.	05

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,	24 – 10-2014	Indutrial 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	Mr. A. Suresh	M.A., M.Phil.,	Assistant Professor,	13-01-2016	Rural Development
7	Miss.T. Sornamari	M.A., M.Phil.,	Assistant Professor	13-01-2016	Entrepreneurial development

API Score

Sl. No	2015-2016	API Score
1	Mr.D. Kathiravan	893.3
2	Mr. J. David Gnanaraj	121.2
3	Mr.B.Robert Jeyapaul Ponraj	
4	Mr. J. Amalrajan Gnanadoss	
5	Dr.(Miss.)A. Angel Anila	535
6	Mr. A. Suresh (adhoc)	-
7	Miss. T.Sornamari (adhoc)	-

7. Research and Consultancy

Women Empowerment in Indian Scenario	M. D. T. Hindu College, Tirunelveli.		February 26th -2015	
Human Rights in India- challenges and Remedies	Department of Economics, St. John's College, Palayamkottai.		March 23rd -2015	
Labour Issues of Different Sectors in India	Department of Economics, St. John's College, Palayamkottai.		April 10th -2015	
Problems of Migrant Women Workers in Thoothukudi District	Labour Issues of Different Sector on India	Sep- 2015	ISBN -978-93-8050-9594	45 -56

8. **Students' Profile**

Student's Statistics for the year 2015-2016

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	4	0	0	0	17	1	12	0	2	0	0	0	8	7	0	0	48	11	59
M.A Economics	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	4	0	0	1	6	7
M.Phil Economics	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	9	9
TOTAL	5	5	4	0	0	0	17	1	12	1	2	0	0	1	9	13	0	0	49	26	75
	10		4		0		18		13		2		1		22		0		75		

List of the student representatives

Course	Name of student representative
I BA	K. Sakthivel
II BA	K.S. Rajamannar
III BA	S.Sankar
I MA	M.Joseph Kulanthairaj
II MA	Yakkobu

Placement Details

In the year 2015 – 2016 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. Chinnadurai	Batch – I	M.A

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 Manonmaniam Sundaranar University**. The Programme Structure for the degrees of B.A., M.A., M.Phil and Ph.D., in the discipline of Economics are mentioned below**

Course Structure for B.A Economics Degree Course under CBCS

I Semester

	Components	Hours	Credits
Part I	Tamil / Other Language (1 Course)	1×6 = 6	1×3=3
Part II	English (1 Course)	1×6 = 6	1×3=3
Part III	Core Subjects (2 Course)	2×5 = 10	2×5 = 10
	Micro Economics -1		
	Economic Statistics – I		
	Allied Subject I (1 Course)	1 × 6 = 6	1 × 5 = 5
	Principles of Advertising		
Part IV	Environmental Studies (1 Course)	1 × 2 = 2	1×2=2
	Total (6 Course)	**30**	**23**

II Semester

	Components	Hours	Credits
Part I	Tamil / Other Language (1 Course)	1×6 = 6	1×3=3
Part II	English (1 Course)	1×6 = 6	1×3=3
Part III	Core Subjects (2 Course)	2×5 = 10	2×5 = 10
	Micro Economics - II		
	Economic Statistics – II		
	Allied Subject I (1 Course)	1 × 6 = 6	1 × 5 = 5
	Principles of Management		
Part IV	Social Value Educations (1 Course)	1 × 2 = 2	1×2=2
	Total (6 Course)	**30**	**23**

III Semester

	Components	Hours	Credits
Part I	Tamil / Other Language (1 Course)	1×6 = 6	1×3=3
Part II	English (1 Course)	1×6 = 6	1×3=3
Part III	Core Subjects (1 Course)	1×6 = 6	1×5 = 5
	Mathematical Methods –I		
	Allied Subject II (1 Course)	1 × 4 = 4	1 × 4 = 4
	International Economics – I		
Part IV	Skill based subject (1 course)	1 × 4 = 4	1 × 4 = 4
	Economics of Salesmanship		
	Non – Major Elective I (1 Course)	1 × 2 = 2	1 × 2 = 2
	Economics for Competitive Examinations		
	Total (6 Course)	**30**	**22**

IV Semester

	Components	Hours	Credits
Part I	Tamil / Other Language (1 Course)	1×6 = 6	1×3=3
Part II	English (1 Course)	1×6 = 6	1×3=3
Part III	Core Subjects (1 Course)	1×6 = 6	1×5 = 5
	Mathematical Methods –II		
	Allied Subject II (1 Course)	$1 \times 4 = 4$	$1 \times 4 = 4$
	International Economics – II		
Part IV	Skill based subject (1 course)		
	Personality Development		
	Non – Major Elective II (1 Course)	$1 \times 2 = 2$	$1 \times 2 = 2$
	Globalization and Indian Economy		
Part V	Extension Activity (NCC, NSS, YRC, YWF)		1
	Total (6 Course)	**30**	**23**

V Semester

	Components	Hours	Credits
Part III	Core Subjects (2 Course)	2×7 = 14	2×5 = 10
	Macro Economics – I		
	Monitory Economics		
	Major Elective (2 Course)	2×6=12	2×5=10
	Entrepreneurial Development		
	Labour Economics		
Part IV	Skill based subject (Common) (1 course)	$1 \times 4 = 4$	$1 \times 4 = 4$
	Tourism Management		
	Total (6 Course)	**30**	**24**

VI Semester

	Components	Hours	Credits
Part III	Core Subjects (4 Course)	4×6=24	4×5 = 20
	Macro Economics – II		
	Banking Theory and Practice		
	Indian Economy		
	Public Finance		
	Major Elective (1 Course)	1×6=6	1×5=5
	Economics of Marketing		
	Total (5 Course)	**30**	**25**

Total Number of courses   :   34

Total Number of Hours   :   180

Total Number of Credits   :   140

Distribution of Marks in Theory between External and Internal Assessment is 75.25 Pass minimum of 40% for external and overall components.

MANONMANIAM SUNDARANAR UNIVERSITY TIRUNELVELI

PG - COURSES – AFFILIATED COLLEGES

Course Structure for M.A. (Economics)
(Choice Based Credit System)

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, **f**lexible credits are b/w 5 - 8 & Hours per week are b/w 10 - 16.

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

MANONMANIMAM SUNDARANAR UNIVERSITY, TIRUNELVELI

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**	

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 UG and PG. Courses

Internal Evaluation Pattern PG		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

10. Result Analysis

NOV   2015 I B.A ECONOMICS 1 SEM

CODE	GITL11	G2EN11	GMEC11	GMEC12	GEVS11	GAPI11
90-100						
80-89						
70-79					1	
60-69	2	1	2	2	4	2
50-59	7	2	6	6	14	8
40-49	22	6	23	17	30	19
RA	28	50	28	34	10	30
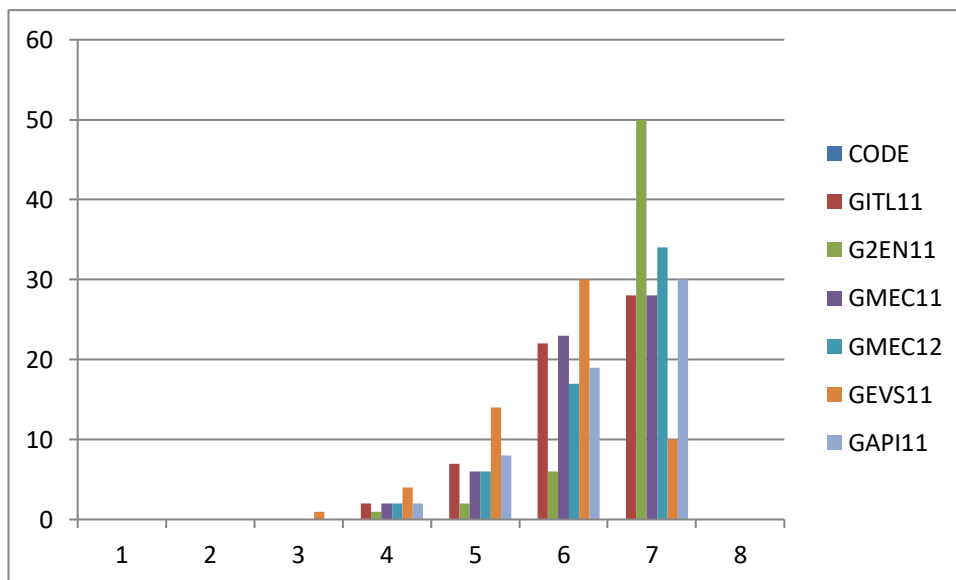
NOV   2015 II B.A ECONOMICS 3
SEM

CODE	GITL31	G2EN31	GMEC31	GSEC3A	GAPI31	GNHI3A
90-100						
80-89			1		1	
70-79	4		2	1	1	2
60-69	12	4	5	10	10	4
50-59	18	7	8	34	25	16
40-49	20	16	12	7	8	19
RA	4	33	30	6	13	17
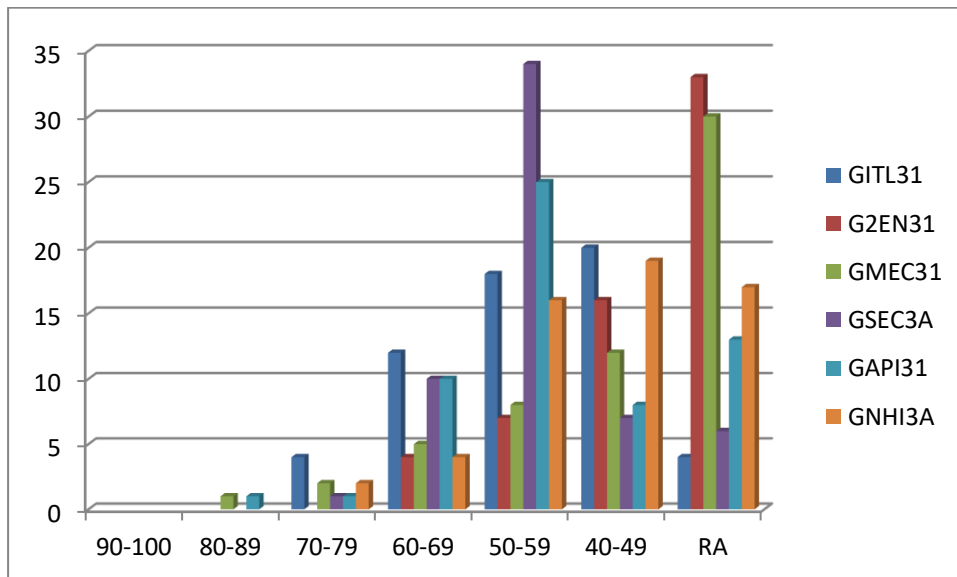
NOV   2015 IIIB.A ECONOMICS 5
SEM

CODE	GMEC51	GMEC52	GMEC5A	GMEC5B	GCSB5A
90-100					
80-89					
70-79			2	1	1
60-69	1	7	10	7	6
50-59	12	19	13	14	11
40-49	10	9	9	13	22
RA	19	7	8	10	1
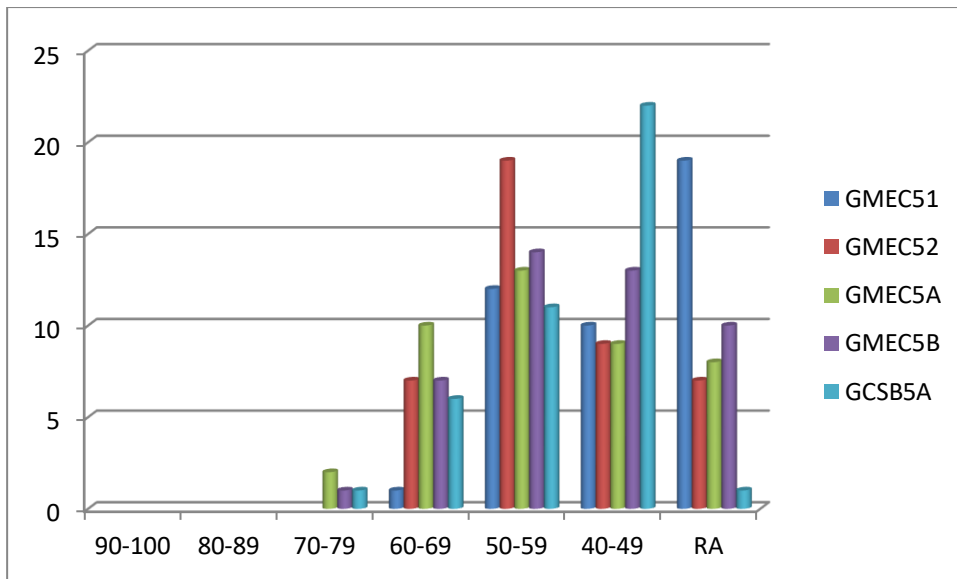
NOV 2015 I M.A ECONOMICS I SEM

CODE	HESM11	HESM12	HESM13	HESM14	HESE11
90-100					
80-89					
70-79		1		3	
60-69	7	4	3	4	
50-59		2	2		2
RA			2		5
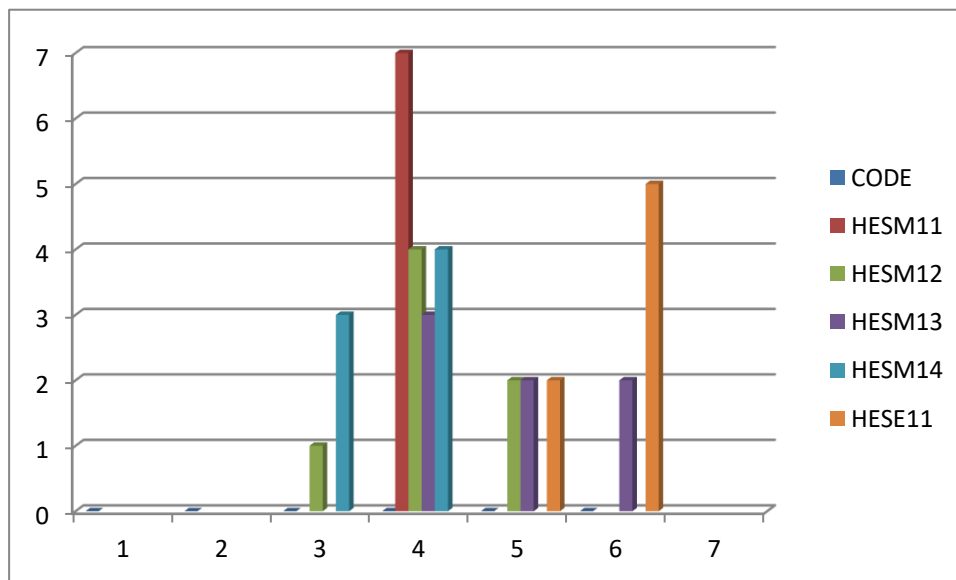
NOV 2015 II M.A ECONOMICS 3 SEM

CODE	HESM31	HESM32	HESM33	HESM34	HESE31
90-100					11
80-89					
70-79	3	2		4	
60-69	7	6	7	6	
50-59	1	3	3	1	
RA			1		
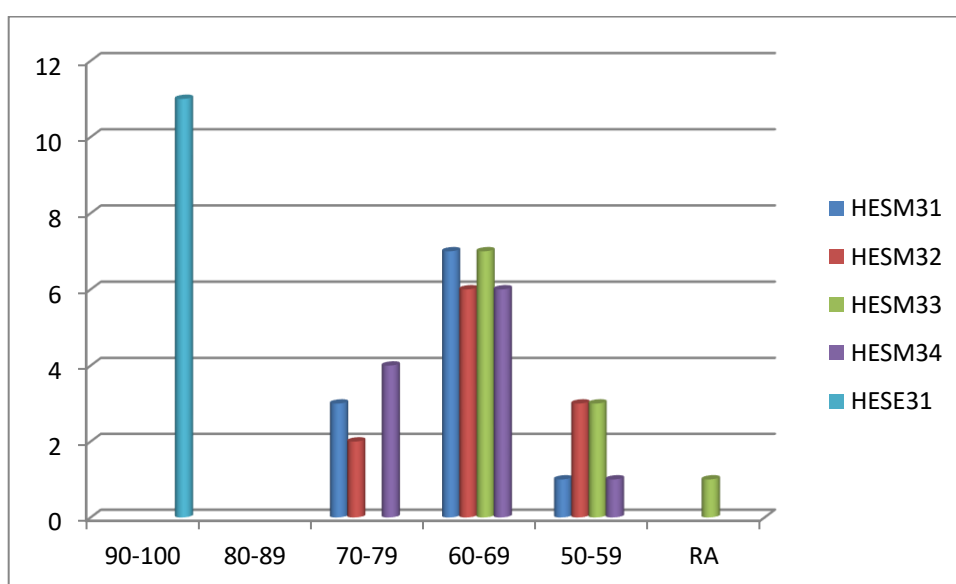
JAN 2016 M.PHIL II
SEMESTER

CODE/GRADE	HESC21
90-100	
80-89	
70-79	2
60-69	3
50-59	1
RA	4
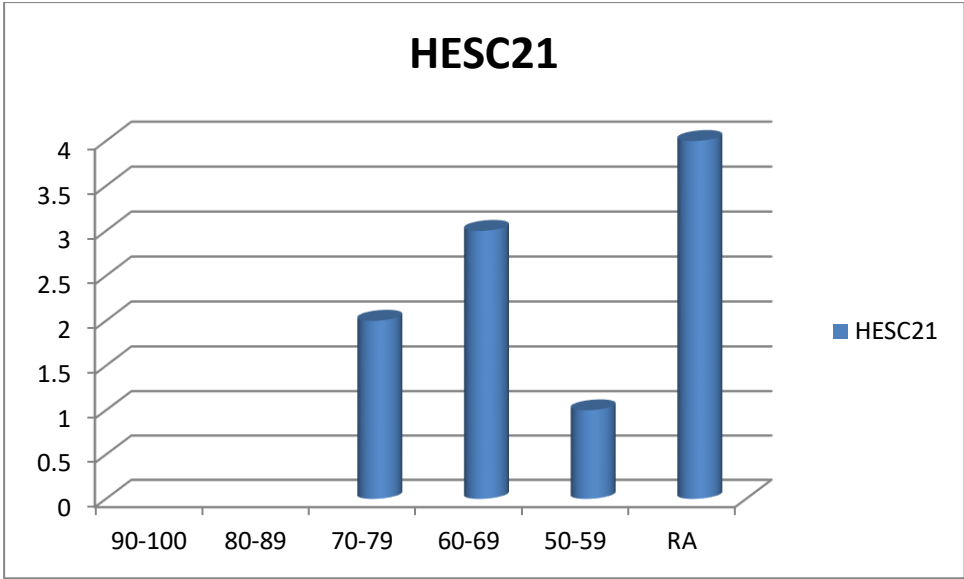
JUNE 2016 M.PHIL II SEMESTER

CODE/GRADE	HESC21
91-100	
81-90	
71-80	1
61-70	4
50-60	1
RA	4
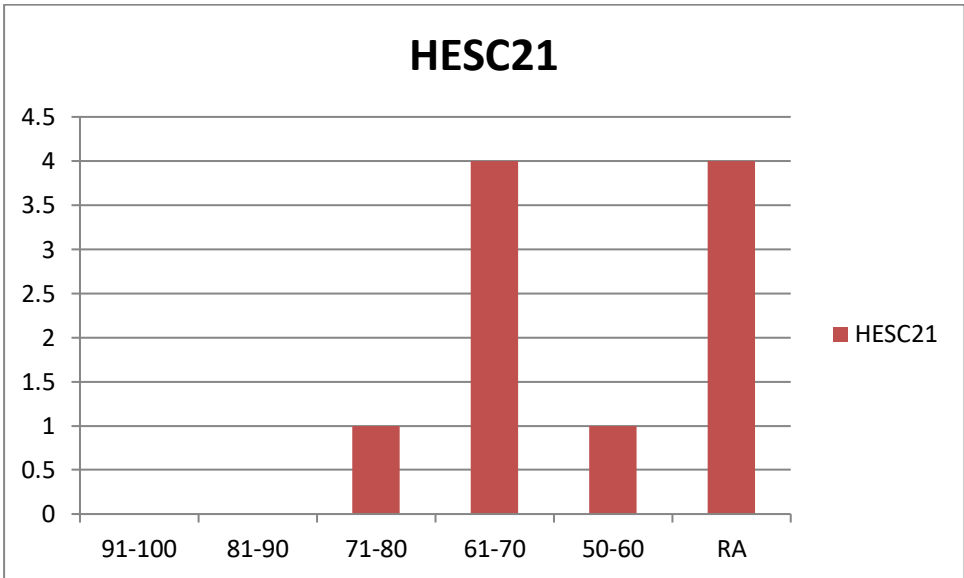
APRIL 2016 I B.A ECONOMICS 2 SEM

CODE	GIEL21	G2EN211	GMEC21	GMEC22	GVBE21	GAPI21
91-100						
81-90						
71-80					5	
61-70		1	2	1	6	
51-60	8	2	10	5	19	7
40-50	12	5	12	5	21	19
RA	38	51	34	47	7	32
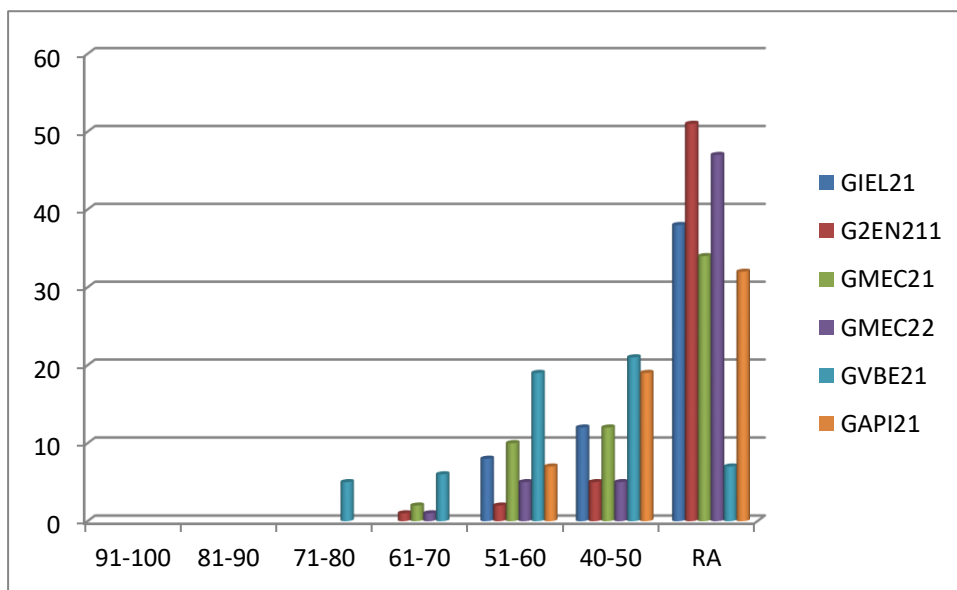
APRIL 2016 II B.A ECONOMICS 4 SEM

CODE	GITL41	G2EN41	GMEC41	GSEC4A	G5EA41	GAPI41	GNHI4B
91-100			2		51		
81-90					6		
71-80			5	1		1	
61-70	1	1	10	4		3	10
51-60	5	1	12	19		18	28
40-50	29	8	5	24		16	10
RA	22	47	23	9		19	9
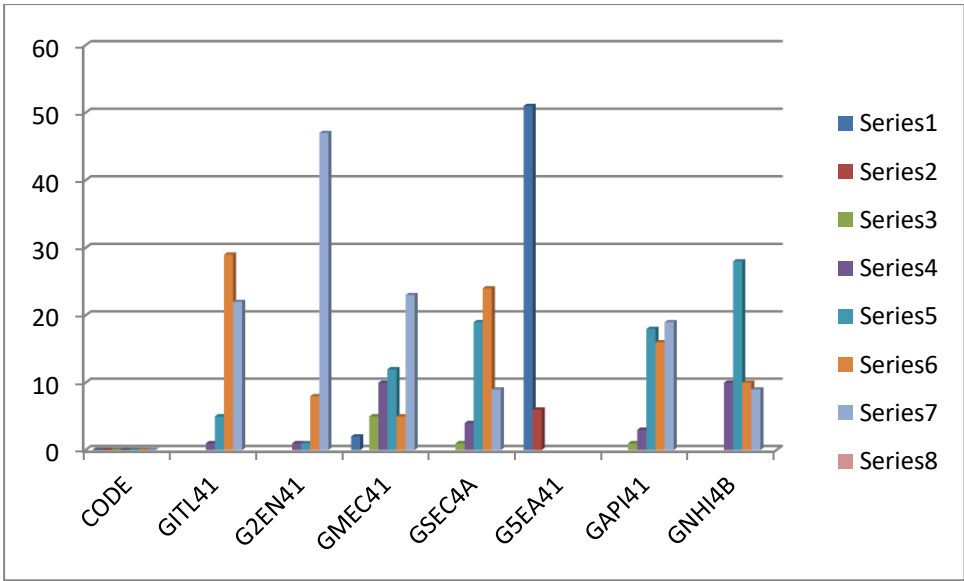
APRIL 2016 III B.A ECONOMICS 6 SEM

CODE	GMEC61	GMEC62	GMEC63	GMEC64	GMEC6A
91-100					
81-90					
71-80				1	4
61-70	5	5		6	14
51-60	15	20	8	16	14
40-50	11	17	16	8	5
RA	13	2	20	13	7
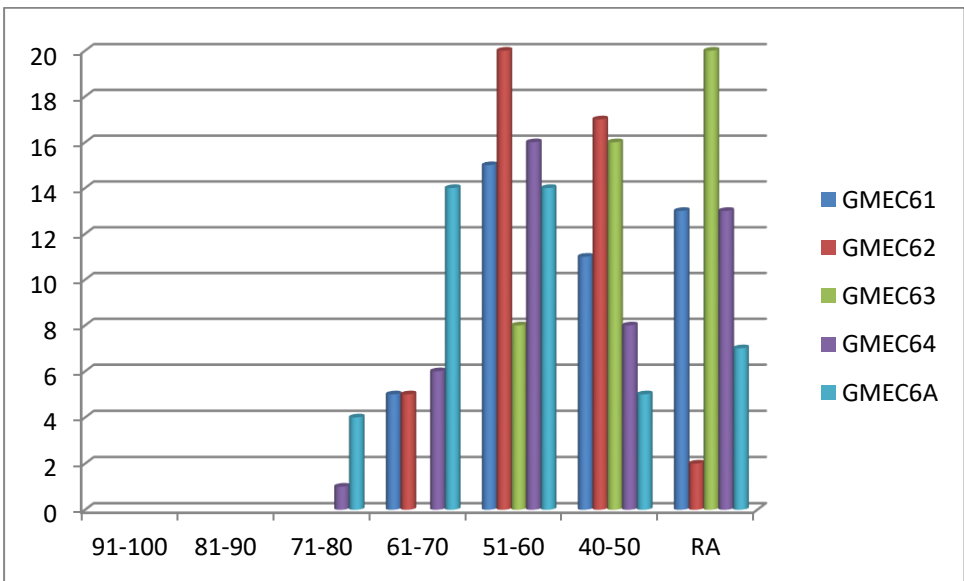
APRIL 2016 I M.A ECONOMICS 2 SEM

CODE	HESM21	HESM22	HESM23	HESM24	HESE21
91-100					
81-90					
71-80	1	1			1
61-70	5	6	3		6
50-60	1		1	2	
RA			3	5	
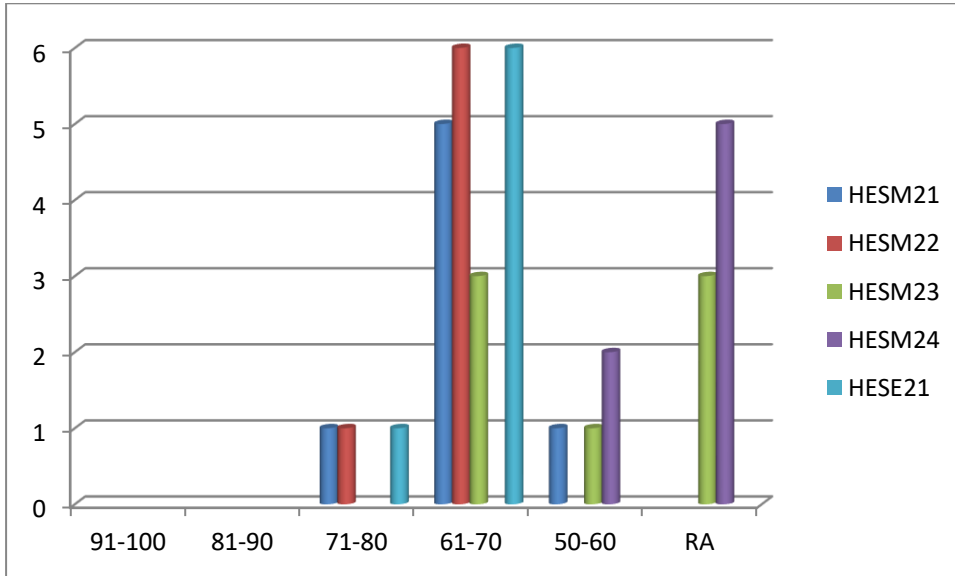
APRIL 2016 II M.A ECONOMICS 4 SEM

CODE	HESM41	HESM42	HESM43	HESM44	HESE41
91-100					
81-90				1	
71-80	4		1	2	
61-70	5	7	6	6	6
50-60	2	3	3	2	5
RA		1	1		

11
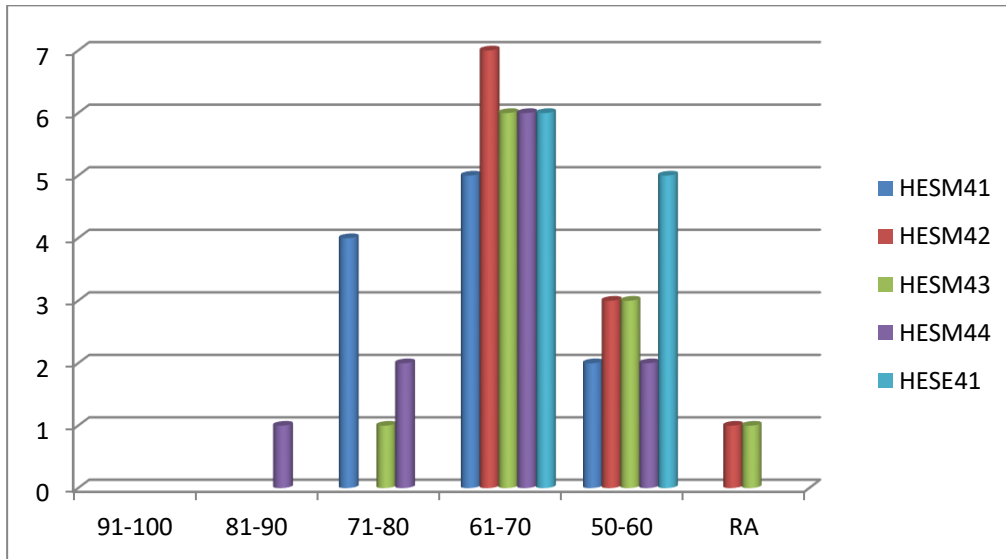
DEPARTMENT ACTIVITIES

National Seminar on "Exploitation of Natural Resources – Economic Impacts and Remedies"

St.John's College - Palayamkottai
P.G & Research Department of Economics
UGC Sponsored one day National Seminar on
"Exploitation of Natural Resources - Economic Impacts and Remedies"
Inaugural Address
Dr.Mathew Koshy Punnackadu
Director,Ecological Department,CSI Synod.

Mr.Gunasingh Chelladurai   Dr.A.Arul Devadoss   Mr.D.Kathiravan   Dr.A.Angel Anila
Secretary   Principal - in - Charge   HOD   Organising Secretary

Inaugural Address
Dr.Mathew Koshy Punnackadu
Director,Ecological Department,C
Mr.Gunasingh Chelladurai   Dr.A.Arul Devadoss   Mr.D.Kath   ngel Anila
ary   Principal - in - Charge   HOD   ng Secretary

Voters' awareness program 09-04-2016

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
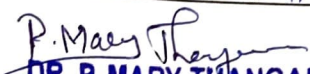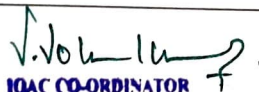- ❖ Placement activities and placement related training are good but placement in MNC are less

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

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

Annual

Academic

Audit Report

2015-16

Department of Commerce

4th & 6th August 2016

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 4th and 5th August 2016.

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	Co-ordinator
Mr. S. Daniel David Annaraj Assistant Professor of Commerce, St. John's College, Palayamkottai 627 002, Tamil Nadu. Mobile: 9442183503 Email: danieldavidannaraj@gmail.com	**Mrs. B. Felix Francy** Assistant Professor of Commerce, St. John's College, Palayamkottai 627 002, Tamil Nadu. Mobile: 94424 61434

Co-ordinator	Co-ordinator
Dr. T. Stanley Davis Mani Assistant Professor of Commerce, St. John's College, Palayamkottai 627 002, Tamil Nadu. Mobile: 9442230549	**Dr. P. Abraham** Assistant Professor of Commerce, St. John's College, Palayamkottai 627 002, Tamil Nadu. Mobile: 9791667600

Co-ordinator

Mrs. K. Jasmine Thangamani
Assistant Professor of Commerce,
(Computer Application)
St. John's College,
Palayamkottai 627 002, Tamil Nadu.
Mobile: 94428 66356

Co-ordinator

Dr. J. Kamala Juliet Isaac
Assistant Professor of Commerce-SF
St. John's College,
Palayamkottai 627 002, Tamil Nadu.
Mobile: 9487578742

Subject Expert - I
Dr. J. Muralitharan.
Qualification: M.Com., B.Ed., M.Phil., Ph.D.
Designation: Associate Professor,
Department of Commerce.
Kamaraj College, Thoothukudi.
Email :muralipara2005@yahoo.co.in
Contact Nos. 98949 07774

Industrialist
A. AnanthaSekar,
Managing Director,
Kasiyanantha Cooking Ranges
Pvt Ltd.
5, SIDCO Industrial Estate,
Pettai, Tirunelveli 627001

Subject Expert - II
Dr. Darling Selvi
Qualification: M.Com.,M.Phil.,Ph.DB.Ed
Designation: Assistant Professor & Head,
Department of Commerce,
Rani Anna Government College for Girls, Gandhi
Nagar, Tirunelveli – 627 008
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1. Schedule of the Annual Academic Audit

DAY 1 (4th August 2016)	
Timing	**Activity**
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
DAY 2 (5th August 2016)	
Timing	**Activity**
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, Mr. 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. 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.

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.

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 14 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 By The Student.
2. Constructing The Character.

5.2 Infrastructure in the Department

S. No.	Items	Verification (Yes/No)	Comments		
			Regular	Commerce (SF)	B.Com (Computer Application)
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

Faculty Strength	Total Staff	19
	Men	10
	Women	09

Qualification	Ph.D.	09
	NET	02
	SET	07
	M.Phil.	17

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	Mr. S. Daniel David Annaraj	M.Com., M.Phil., SET., NET., ACMA.	Assistant Professor & Head, Exam In-Charge	17 – 03 - 2014	Accounting and Finance
2	Mrs. B. Felix Francy	M.Com., 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	Mrs. S. Grace	M.Com., M.Phil.	Assistant Professor, Girls welfare mentor (Management Staff)	13 - 01 - 2016	EDP

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 & Head	17-08-2006	HRM
3	Dr. J. Kamala Juliet Isaac	M.Com., M.Phil., Ph.D., MBA.	Assistant Professor, 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 JohnsiBai	M.Com., M.Phil., Ph.D., SET.	Assistant Professor, Exam In-Charge	03-12-2008	Marketing and Banking
7	Dr. T. Samson Joe Dhinakaran	M.Com., M.Phil., Ph.D. MBA., PGDCAB	Assistant Professor and NSS coordinator	21-01-2008	Cost and Management Accounting
8	Dr. D. Ponrani	M.Com., M.Phil., Ph.D., NET., SET., MBA	Assistant Professor, Girls Welfare Mentor	17-06-2009	Marketing and EDP
9	Mrs. RSD. Arockia Mary	M.Com., M.Phil.	Assistant Professor, Girls Welfare Mentor	01-07-2010	Marketing and EDP
10	Mr. S. Immanuel	MCA., M.Phil.	Assistant Professor and Documentation In-Charge	19-07-2010	Computer Application
11	Dr. S. Dani Roman Singh	M.Com., M.Phil.,PGDCA Ph.D.,	Assistant Professor, Library In-Charge	21-06-2012	Taxation
12	Mr. R. AllwinNirmal Singh	M.Com., M.Phil., SET., PGDCA	Assistant Professor, Exam In-Charge	18-06-2014	Taxation
13	Mr. S. Sam Santhosh	M.Com, M.Phil., MBA	Assistant Professor and NAAC	18-06-2014	Taxation
14	Mr. S. Dany Regan	B.A., B.L.	Part-time Lawyer	11-01-2016	Law

2. 6.3 API Score

Sl. No	2015-2016	API Score
1	Mr. S. Daniel David Annaraj	135
2	Mrs. B. Felix Francy	143.5
3	Dr. T. Stanley Davis Mani	136.6
4	Dr. P. Abraham	163.5
5	Mrs. S. Grace	130
6	Mrs. K. Jasmine Thangamani	131.5
7	Dr. D. Janis Bibiyana	130
8	Dr. J. Kamala Juliet Isaac	158.5
9	Mrs. K. Nishanthini	134.5
10	Dr. G. Koil Samuel	136
11	Dr. V. SylviyaJohnsiBai	132.5
12	Dr. T. Samson Joe Dhinakaran	158.5
13	Dr. D. Ponrani	143.5
14	Mrs. RSD. Arockia Mary	143.5
15	Mr. S. Immanuel	193
16	Dr. S. Dani Roman Singh	131
17	Mr. R. AllwinNirmal Singh	136
18	Mr. S. Sam Santhosh	132.5

6.4 Research and Consultancy

Name of the author/s	Title of paper	Name of journal	Month and Year of publication	ISSN number
P. Abraham	Corporate Restructuring as a Business Strategy	International Journal of Business and Administration Research Review	Jul-15	e-ISSN: 2347-856X p-ISSN: 2348-0653
T. Samson Joe Dhinakaran	Marketing Strategies of Women Self Help Groups in Tuticorin	International Research Journal of Commerce, Business and Social Sciences (IRJCBSS)	2015	2277-9310
J. Kamala Juliet Isaac	Tribulations of small scale industries in Tirunelveli District	Rural development through sustainable entrepreneurship	2015	978-93-84734-17-6
T. Samson Joe Dhinakaran	Emerging Trends and Challenges in Indian Business Environment	Purchase Pattern of E-Bike in Tuticorin City	Mar-16	978-93-94734-20-6
B. Felix Francy	Emerging Trends and Challenges in Indian Business Environment	A Study on Performance of Natural Rubber distributors in Kanniyakumari District	Mar-16	978-93-94734-20-6
J. Kamala Juliet Isaac	Emerging trends and challenges in Indian business environment	Economic Sustainability of Transport Sector in India with specific Reference to automobile Industry	Mar-16	978-93-94734-20-6
V. Sylviya JohnsiBai	Emerging trends and challenges in Indian business environment	Can Women Manage it All - Work, Family and Life: Era of Being A superwoman?	Mar-16	978-93-94734-20-6
K. Nishanthini	Emerging trends and challenges in Indian business environment	An empirical Study on NPA of Public and private sector Banks in Kanyakumari District	Mar-16	978-93-94734-20-6
K. Jasmine Tangamani	Emerging trends and challenges in Indian business environment	Empirical Study on on-line marketing (E-marketing) in Tirunelveli District	Mar-16	978-93-94734-20-6

B. Felix Francy	Emerging trends and challenges in Indian business environment	A study on performance of natural rubber distributors in Kanniyakumari District	Mar-16	978-93-94734-20-6
R. AllwinNirmal Singh	Emerging trends and challenges in Indian business environment	Pragmatic study on microfinance leads to self help group as catalyst for poverty reduction and women empowerment in Tirunelveli district	Mar-16	978-93-94734-20-6
S. Arul Raj Ponnudurai, **R.S.D. Arockia Mary**	Emerging trends and challenges in Indian business environment	Role of women entrepreneurs in small scale industry - Tirunelveli district	Mar-16	978-93-94734-20-6
A. Hamil, **S. Sam Santhosh**	Emerging trends and challenges in Indian business environment	Research on drug stores' problematic issues in tirunelveli district	Mar-16	978-93-94734-20-6
J. Kamala Juliet Isaac	Innovative banking services - A transformative tool for business, finance and customer service	A study on customer attitude tiwards ATM services provided by canara bank in Tirunelveli	Dec-16	978-93-84734-39-8

3. Students' Profile

7.1 Student's Statistics for the year 2015-2016

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	0	5	1	0	0	0	9	10	4	2	1	1	5	2	14	9	1	0	35	29	64
B.COM SF	3	5	0	0	1	0	20	6	6	0	1	1	6	1	8	2	0	0	45	15	60
B.COM CA	5	2	1	0	1	0	17	4	8	3	3	0	3	0	9	2	0	0	47	11	58
M.COM	3	1	0	1	0	0	5	1	3	0	0	0	0	1	1	3	0	0	12	7	19
TOTAL	11	13	2	1	2	0	51	21	21	5	5	2	14	4	32	16	1	0	139	62	201
	24		3		2		72		26		7		18		48		1		201		

7.2 List of the student representatives

Course	Name of student representative
I B.Com	J. Kannamudaiyar @ Kannan
II B.Com	P. Nelson Jebadurai
III B.Com	M. John Solomon
I B.Com (SF)	Dhanasingh
II B.Com (SF)	Ram Ganesh
III B.Com (SF)	Vellapandi
I M.Com	Anandh
II M.Com	M. Mathew Richardson
I B.Com (CA)	Subbulakshmi
II B.Com (CA)	Nadar Gladys GanadeepamIssac
III B.Com (CA)	Karthick

7.3 Placement Details

In the year 2015 – 2016 there are 18 number of students are placed in private companies, 5 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.

N. Muthu Kumar	B.Com CA	Arvind Lifestyle Brands Limited, 17, M.G. Road, 8th Floor, Duparc Trinity, FM Cariappa Colony, Shivaji Nagar, Bengaluru-560001, Karnataka, India.
Charles Devadoss Selwyn	B.Com CA	Amnet Systems Private Limited, JVL Plaza, 4th Floor, 501, Anna Salai, Teynampet, Chennai-600018, Tamil Nadu, India.
AnuRamakrishnan	B.Com R	Cpm India Sales &Marketing Pvt.Ltd,Nungabakkam, Real Enclave Building, No. 22 Joiser street Door No. 403,4thFloor, Nungambakkam, Chennai-600034, Tamil Nadu, India.
Sudalaimuthu M	B.Com R	Cart Care, Voluntary Health Services Rajiv Gandhi Salai, Taramani Chennai-600113, Tamil Nadu, India.
S. Symanraj	B.Com R	Jana Smal Finance Bank, Ground Floor, No.13, S Bypass Rd, Vannarpettai, Tirunelveli-627003, Tamil Nadu, India.
M. Uma	B.Com R	Munsif cum Judicial Magistrar Court, Sivagiri- 627757, Tamilnadu, India.
Immanuel Raj Jeyaraj	B.Com R	IDBI Bank, Ground Floor, City Shopping Centre, Kokkirakulam, Tirunelveli-627003, Tamil Nadu, India.
Sudalaimuthu Mariyappan	B.Com R	Cart Care, Voluntary Health Services Rajiv Gandhi Salai, Taramani Chennai-600113, Tamil Nadu, India.
Johnson	B.Com R	Oppo Mobiles, Vannarpettai, Tirunelveli-627001, Tamil Nadu, India.
V. Esakkiraja	B.Com R	Tvs Credit Services Limited, 177-A, Trivandrum Rd, Vannarpettai, Tirunelveli-627003, Tamil Nadu, India.
M. Sakthivel	B.Com R	Mahindra Insurance Brokers LTd, Sadhana House, Ground Floor, 57 P.B, Marg, Worli, Mumbai-400018, 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., B.Com (Computer Application) are mentioned below**

8.1UG Programme Structure for B.COM

Sem	Subject Code	Course Name	Course Type	H	C	IM	EM	TM
I	G1TL11	Tamil	Part-I	6	3	**25**	**75**	**100**
	G2EN11	English	Part-II	6	3	**25**	**75**	**100**
	GMCO11	Financial Accounting-I	Major	5	4	**25**	**75**	**100**
	GMCO12	Business Organisation	Major	5	4	**25**	**75**	**100**
	GACO11	Business Economics	Allied	6	5	**25**	**75**	**100**
	GEVS11	Environmental Studies	Common	2	2	**25**	**75**	**100**
II	G1TL21	Tamil	Part-I	6	3	**25**	**75**	**100**
	G2EN21	English	Part-II	6	3	**25**	**75**	**100**
	GMCO21	Financial Accounting-II	Major	5	4	**25**	**75**	**100**
	GMCO22	Business Management	Major	5	4	**25**	**75**	**100**
	GACO21	Principles of Marketing	Allied	6	5	**25**	**75**	**100**
	GVBE21	Value Based Education	Common	2	2	**25**	**75**	**100**
III	GMCO31	Advanced Financial Accounting-I	Major	6	4	**25**	**75**	**100**
	GMCO32	Business Mathematics	Major	6	4	**25**	**75**	**100**
	GMCO33	Modern Banking	Major	6	4	**25**	**75**	**100**
	GACO31	Human Resource Management	Allied	6	5	**25**	**75**	**100**
	GSCO3A / GSCO3B	Business Communication&	Skilled	4	4	**25**	**75**	**100**

		Office Management				**25**	**75**	**100**
	GNPB3A /GNEC3A	Gardening and Gardern Management (Batch I) Economic for Competitive Examination-I (Batch II & CA)	NME	2	2	**25**	**75**	**100**
IV	GMCO41	Advanced Financial Accounting-II	Major	6	4	**25**	**75**	**100**
	GMCO42	Business Statistics	Major	6	4	**25**	**75**	**100**
	GMCO43	Indirect Tax	Major Elective	6	5	**25**	**75**	**100**
	GACO41	E-Commerce	Allied	6	5	**25**	**75**	**100**
	GSCO4A	Entrepreneurship Development	Skilled	4	4	**25**	**75**	**100**
	GNPB4B / GNEC4A	Bio Resource (Batch-I) Globalisation of Indian Economy (Batch- II & CA)	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	6	6	**25**	**75**	**100**
	GMCO5A	Income Tax Law & practice-I	MajorElective	6	5	**25**	**75**	**100**
	GCSB5A	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.

8.1.1 PG Programme Structure for M.COM

Sem	Course code	Course Name	Hours Allotted	Credit	IM	EM	TM
I	Management Accounting	Core	6	4	25	75	100
	Quantitative Techniques	Core	6	4	25	75	100
	Strategic Management	Core	6	4	25	75	100
	Retail Management	Elective	6	4	25	75	100
II	Legal Framework of Business	Core	6	4	25	75	100
	Financial Management	Core	6	4	25	75	100
	Operation Research	Core	5	4	25	75	100
	Business Enviroment	Core	5	4	25	75	100
	Office Automation	Core	4	4	25	75	100
III	Advanced Corporate Accounting	Core-11	5	5	25	75	100
	Research Methodology	Core-12	5	5	25	75	100
	Taxation and Tax Planning	Core-13	5	5	25	75	100
	Human Resource Managemnent	Core-14	5	5	25	75	100
	E-Commerce	Core-15	5	5	25	75	100
	Project	Major	5	5	25	75	100
IV	Advanced Cost Accounting	Major	8	5	25	75	100
	Computerised Accounting Package	Major	8	5	25	75	100
	Human Resource Management	Major	7	5	25	75	100
	Computerised Accounting Packages - Tally 9.0	Practical	7	5	25	75	100

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

8.2 B.COM with Computer Application Programme Structure

Sem	Course Code	Course Name	Course Type	H	C	TM	IM	EM
I	G1TL11	Tamil	Part-I	6	3	25	75	100
	G2EN11	English	Part-II	6	3	25	75	100
	GMCO11	Financial Accounting-I	Major	5	4	25	75	100
	GMCO12	Business Organisation	Major	5	4	25	75	100
	GACN11	Basics for Computers Science	Allied	6	5	25	75	100
	GEVS11	Environmental Studies	Common	2	2	25	75	100
II	G1TL21	Tamil	Part-I	6	3	25	75	100
	G2EN21	English	Part-II	6	3	25	75	100
	GMCO21	Financial Accounting-II	Major	5	4	25	75	100
	GMCO22	Business Management	Major	5	4	25	75	100
	GACN21	Office Automation	Allied	6	5	25	75	100
	GVBE21	Value Based Education	Common	2	2	25	75	100
III	GMCO31	Advanced Financial Accounting-I	Major	6	4	25	75	100
	GMCO32	Business Mathematics	Major	6	4	25	75	100
	GMCO33	Modern Banking	Major	6	4	25	75	100
	GACN31	Page Maker& Photoshop	Allied	6	5	25	75	100
	GSCN3A	Introduction to internet and HTML	Skilled	4	4	25	75	100
	GNEC31	Economic for Competitive Exam	NME	2	2	25	75	100
IV	GMCO41	Advanced Financial Accounting-II	Major	6	4	25	75	100
	GMCO42	Business Statistics	Major	6	4	25	75	100
	GMCO4C	Indirect Tax	Major Elective	6	5	25	75	100
	GACN41	Coral draw with Application	Allied	6	5	25	75	100
	GSCN4A	Introduction to DBMS	Skilled	4	4	25	75	100
	GNEC41	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.

8.1 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

For PG 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 Marks	75	Total Marks	100

8.4 Result Analysis

Semester - I

Subject Name	Subject Code	Appeared	Pass	Pass %	RA	RA %
Tamil	G1TL11	117	76	65	41	3.5
English	G2EN11	118	69	59	49	41
Financial Accounting I	GMCO11	116	103	89	13	11
Business Organisation	GMCO12	117	102	87	15	13
Business Economics	GACO11	117	92	79	25	21
Environmental Studies	GEVS11	118	111	94	7	6

Source: Compiled from November 2015 Result
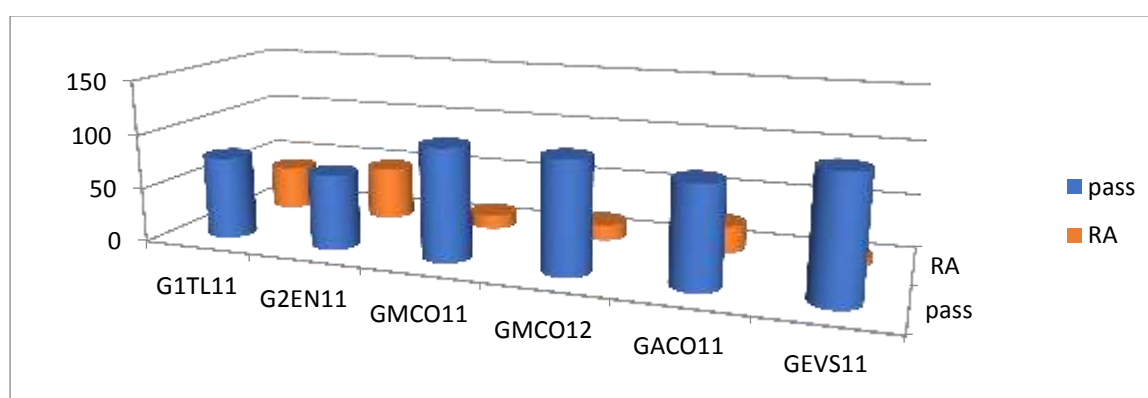
❖ In this semester there are more than 65 % passed in five subjects

Semester - III

Subject Name	Subject Code	Appeared	Pass	Pass %	RA	RA %
Advanced Financial Accounting I	GMCO31	113	78	69	35	31
Business Mathematics	GMCO32	113	85	75	28	24
Modern Banking	GMCO33	114	98	86	16	14
Office Management	GSCO3B	62	60	97	2	3
Business Communication	GSCO3A	52	50	96	2	4
Human Resource Management	GACO31	112	97	87	15	13
Economics	GSCO3A	52	46	88	6	12
Gardening and Garden Management	GNPB3A	62	62	100	0	0

Source: Compiled from November 2015 Result

18
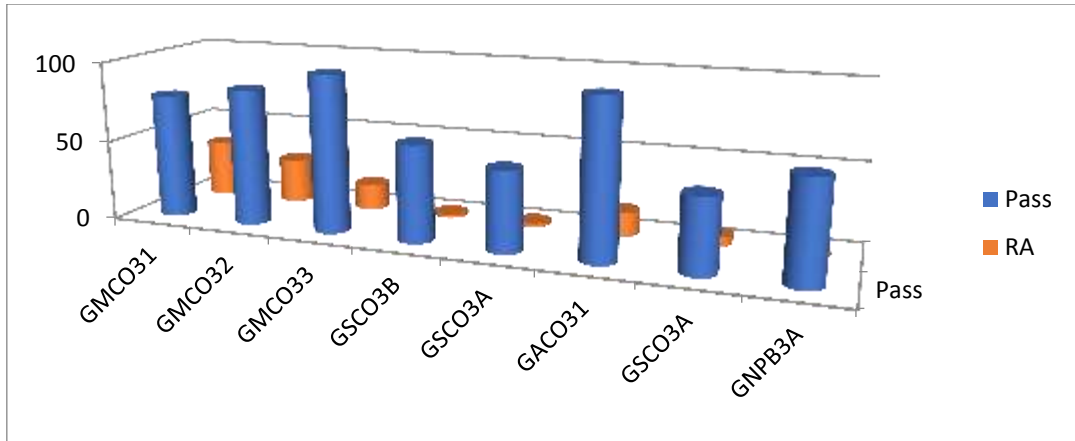
❖ In this third semester more than 95 % passed in two subjects and 100 % in non major Elective so it is inferred that, our students were very much interested to learn other subjects also

Semester - V

Subject Name	Subject Code	Appeared	Pass	Pass %	RA	RA %
Corporate Accounting I	GMCO51	111	87	78	24	22
Cost Accounting	GMCO52	110	95	86	15	14
Business Law	GMCO53	111	81	73	30	27
Income Tax	GMCO5A	110	64	58	46	42
Personality Development	GCSB5A	111	109	98	2	2

Source: Compiled from November 2015 Result
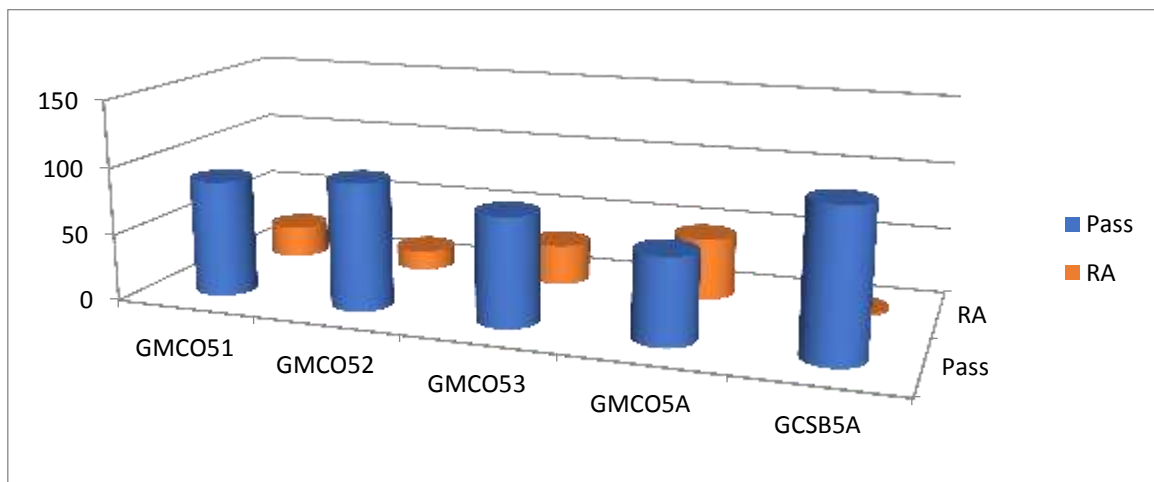
❖ In the Fifth semester, more than 70 % of the students have passed in all the subjects except income tax

19

Semester - II

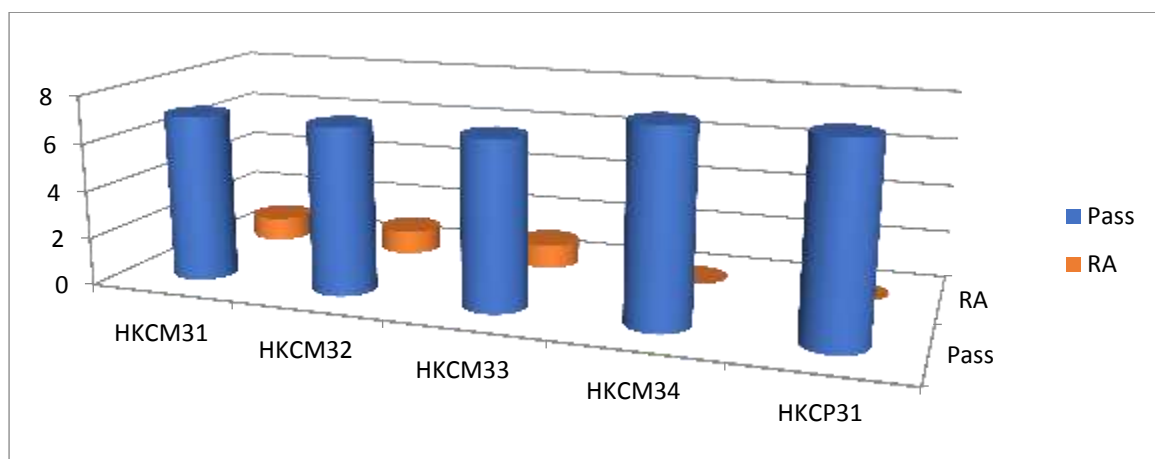| Subject Name	Subject Code	Appeared	Pass	Pass %	RA	RA %
Tamil Part I	G1TL21	115	88	77	24	20
English Part II	G2EN21	115	72	62	39	33
Financial Accounting II	GMCO21	115	86	74	26	22
Business Management	GMCO22	115	92	80	20	17
Principles of Marketing	GACO21	114	89	78	22	19
Value Based Education	GVBE21	115	110	96	2	1

Source: Compiled from April2016 Result
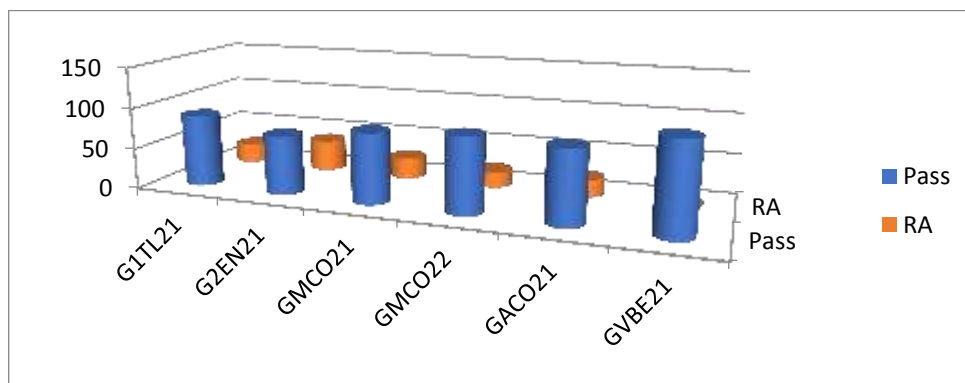
❖ In this second semester, more than 60 % of the students were passed in all subjects

Semester - IV

Subject Name	Subject Code	Appeared	Pass	Pass %	RA	RA %
Advanced Financial Accounting - II	GMCO41	115	75	65	40	34
Business Statistics	GMCO42	114	81	71	27	24
Indirect Tax	GMCO43	113	103	91	10	8
E- Commerce	GACO41	114	102	89	12	10
Entrepreneurship Development	GSCO4A	111	101	90	10	9
Globalisation	GNEC4A	52	37	71	15	29
Bio Resources	GNPB4B	62	59	95	3	5

Source: Compiled from April2016 Result
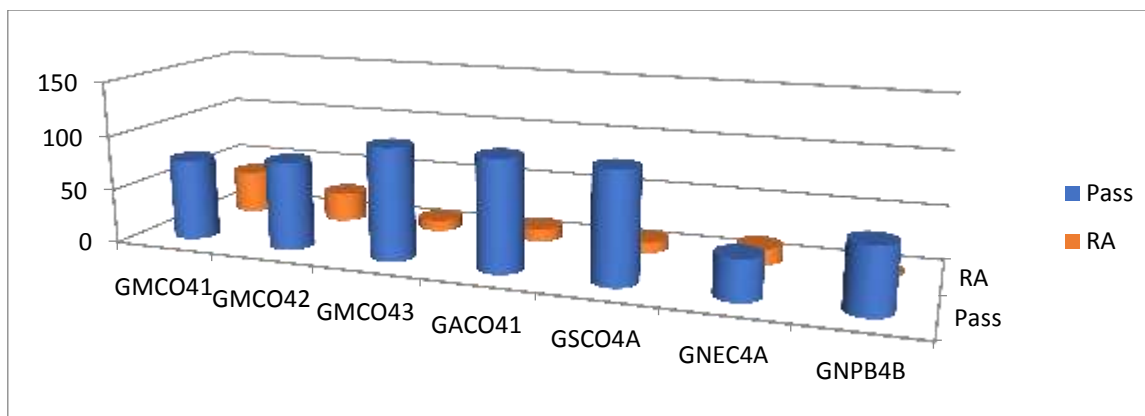
❖ In this Fourth semester, more than 70 % of the students were passed in all subjects

Semester - VI

Subject Name	Subject Code	Appeared	Pass	Pass %	RA	RA %
Corporate Accounting II	GMCO61	111	107	96	4	4
Management Accounting	GMCO62	111	105	95	6	5
Industrial Law	GMCO63	111	84	76	27	24
Auditing	GMCO64	119	102	85	8	6
Income Tax	GMCO6A	109	100	91	9	8

Source: Compiled from April 2016 Result
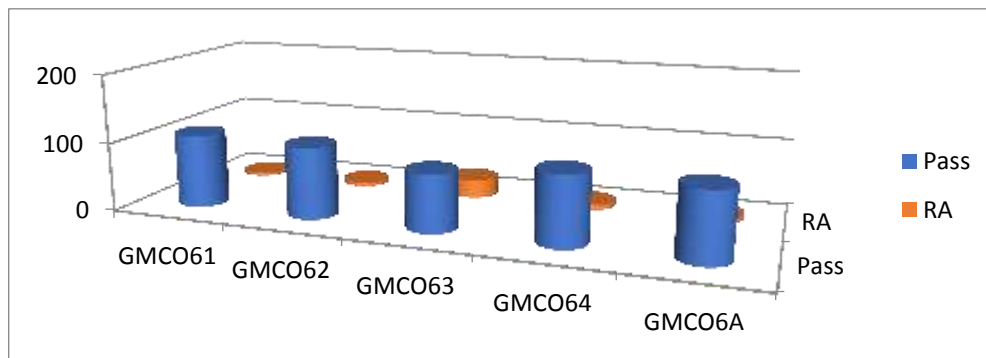
❖ In this sixth semester, more than 90 % of the students were passed in three subjects and 70% passed in two subjects

M.Com Result Analysis

Semester - I

Subject Name	Subject Code	Appeared	Pass	Pass %	RA	RA %
Management accounting	HKCM11	18	13	72	5	28
Quantitative techniques	HKCM12	18	11	61	7	39
Strategic management	HKCM13	18	06	33	12	67
Retail management	HKCE14	18	15	83	3	17

Source: Compiled from November 2015 Result
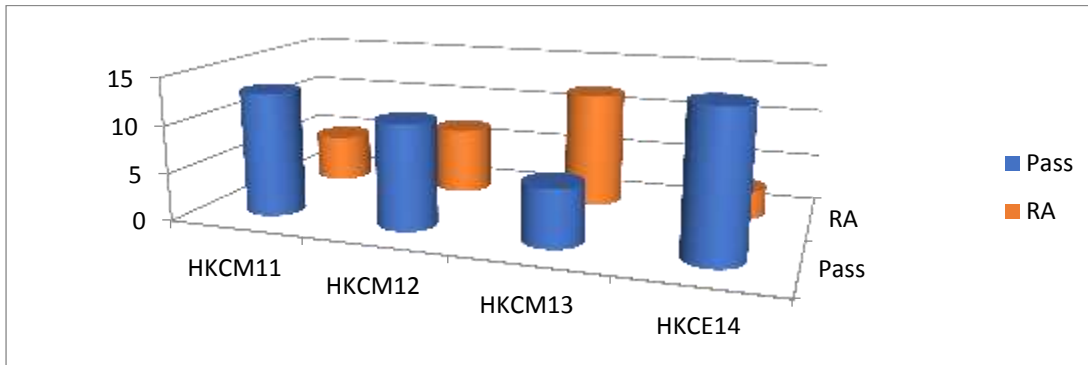
❖ In this First semester, more than 60 % of the students were passed in three subjects except one

Semester - III

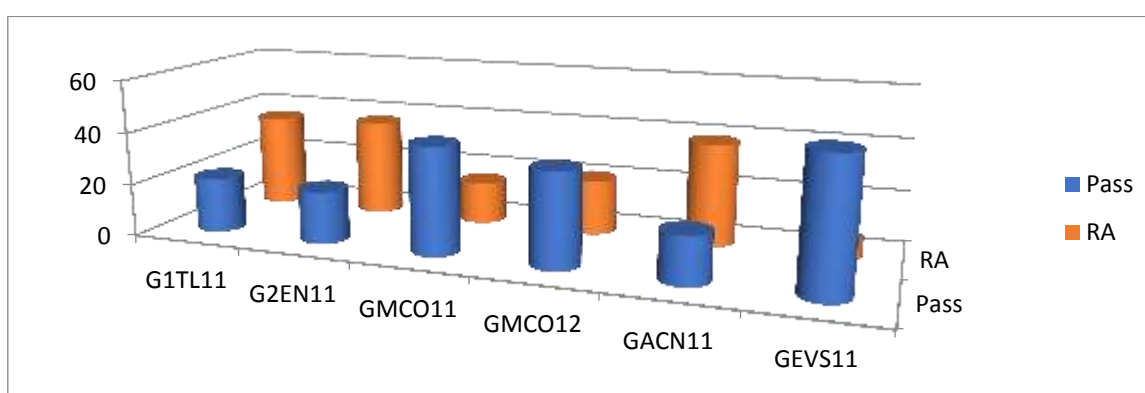| Subject Name	Subject Code	Appeared	Pass	Pass %	RA	RA %
Adv Corporate accounting	HKCM31	8	7	88	1	12
Research Methodology	HKCM32	8	7	88	1	12
Taxation and tax planning	HKCM33	8	7	88	1	12
E-Commerce	HKCM34	8	8	100	-	0
Project	HKCP31	8	8	100	-	0

Source: Compiled from November 2015 Result

❖ In this third semester, more than 80 % of the students were passed in three subjects and remaining 100% passed in two subjects

Semester - II

Subject Name	Subject Code	Appeared	Pass	Pass %	RA	RA %
Corporate Legal Framework	HKCM21	18	12	67	6	33
Financial management	HKCM22	18	14	78	4	22
Operation Research	HKCM23	18	17	97	1	3
Business Environment	HKCM24	18	14	78	4	22
Office Automation	HKCE21	18	14	78	4	22

Source: Compiled from April 2016 Result
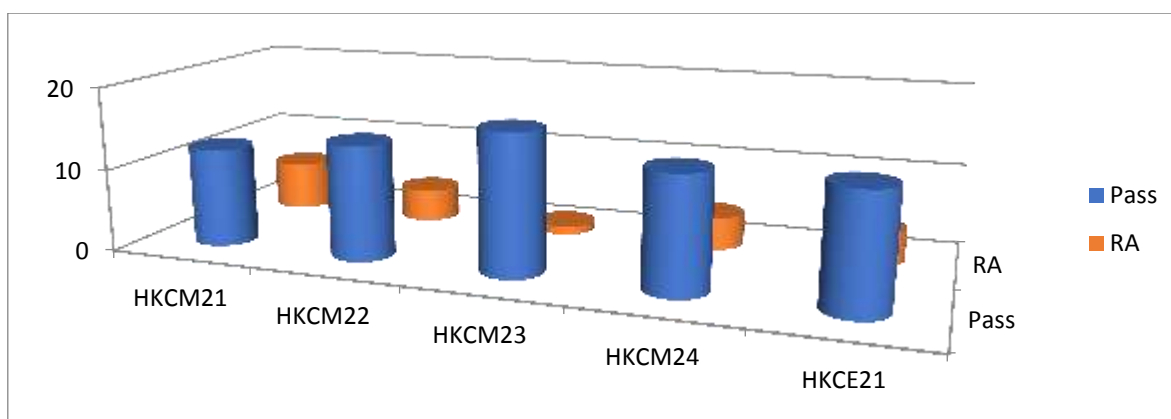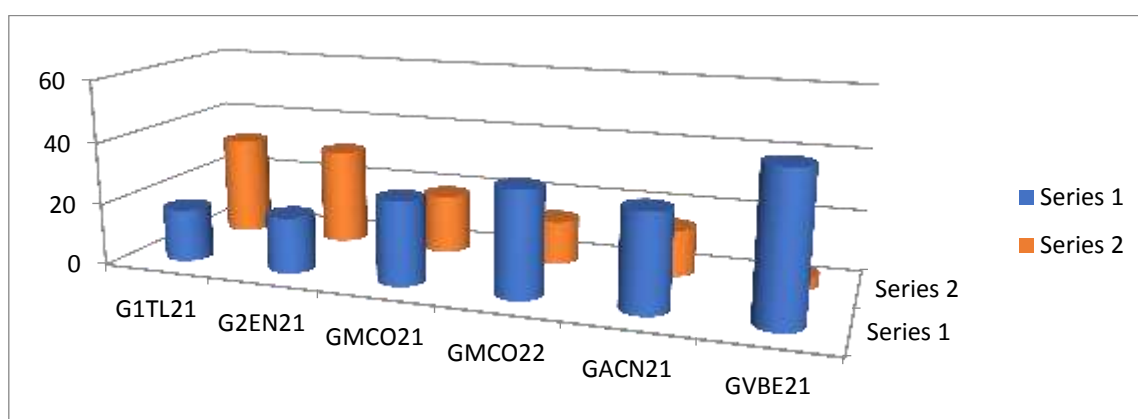

❖ In this second semester, more than 70 % of the students were passed in three subjects and 97% passed in one subject.

Semester - IV

Subject Name	Subject Code	Appeared	Pass	Pass %	RA	RA %
Advanced Cost Accounting	HKCM 41	8	7	88	1	12
Tally 9.0	HKCM 42	8	8	100	-	0
Tally Practical	HKCL 41	8	8	100	-	0
HRM	HKCE 41	8	6	75	2	25

Source: Compiled from April 2016 Result
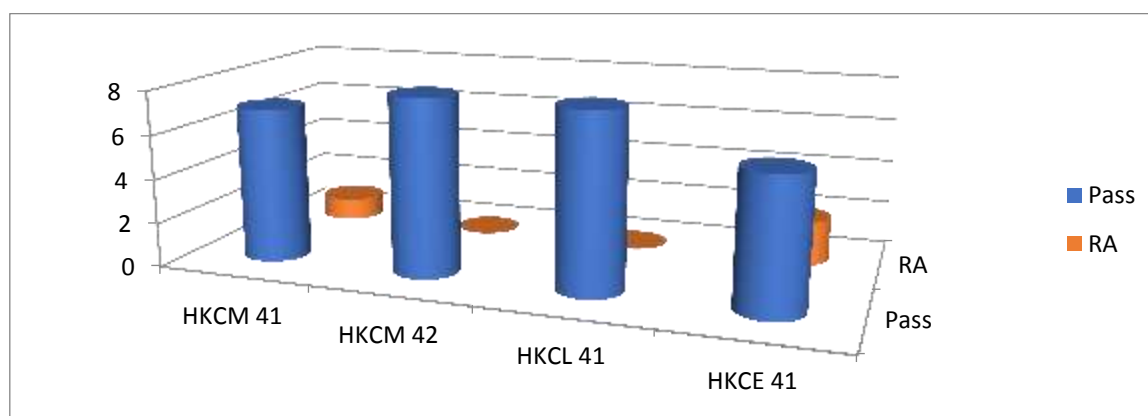
❖ In this fourth semester, more than 75 % of the students were passed in two subjects and remaining 100% passed in two subjects.

Department of Commerce with Computer Application

Semester - I

Subject Name	Subject Code	Appeared	Pass	Pass %	RA
Tamil	G1TL11	57	21	37	36
English	G2EN11	57	20	35	37
Financial Accounting - I	GMCO11	57	41	72	16
Business Organisation	GMCO12	57	36	63	21
Basics Of Computer Science	GACN11	57	18	32	39
Environmental Studies	GEVS11	57	50	88	7

Source: Compiled from November 2015 Result

❖ In this First semester, more than 60 % of the students were passed in three subjects and more than 33 % passed in their language and computer subject.

Semester - III

Subject Name	Subject Code	Appeared	Pass	Pass %	RA
Advanced Financial Accounting - I	GMCO31	52	25	48	27
Business Mathematics	GMCO32	51	40	78	11
Banking	GMCO33	52	44	85	8
Page Maker	GACN31	53	42	79	11
HTML	GSCN3A	53	44	83	9
Economic for Competitive Exam	GNEC3A	52	39	76	13

Source: Compiled from November 2015 Result
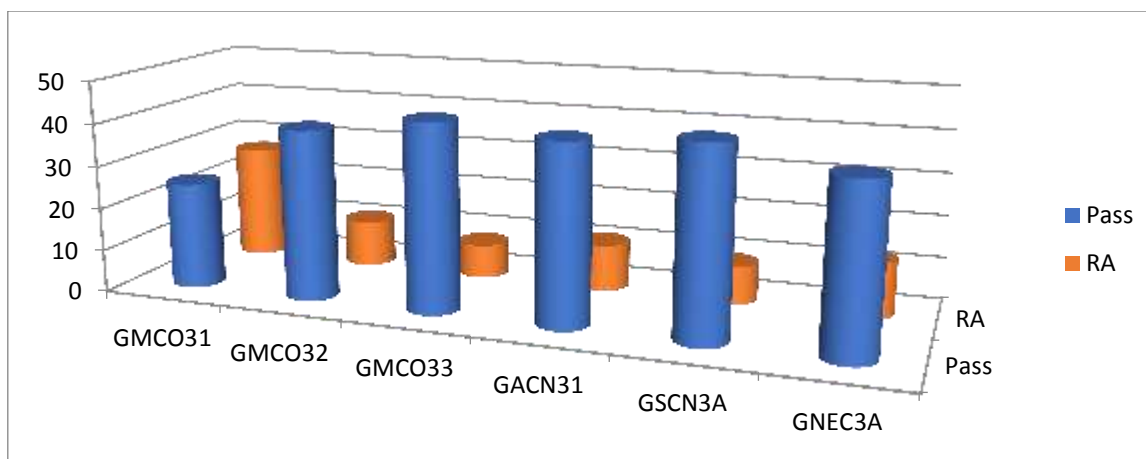
- ❖ In this Third semester, more than 70 % of the students were passed in all subjects except one subject.

Semester - V

Subject Name	Subject Code	Appeared	Pass	Pass %	RA
Corporate Accounting - I	GMCO51	43	32	74	11
Cost Accounting	GMCO52	43	30	70	13
Business Law	GMCO53	43	31	70	12
Income Tax - I	GMCO5A	43	25	58	18
Personality Development	GCSB5A	43	42	98	1

Source: Compiled from November 2015 Result
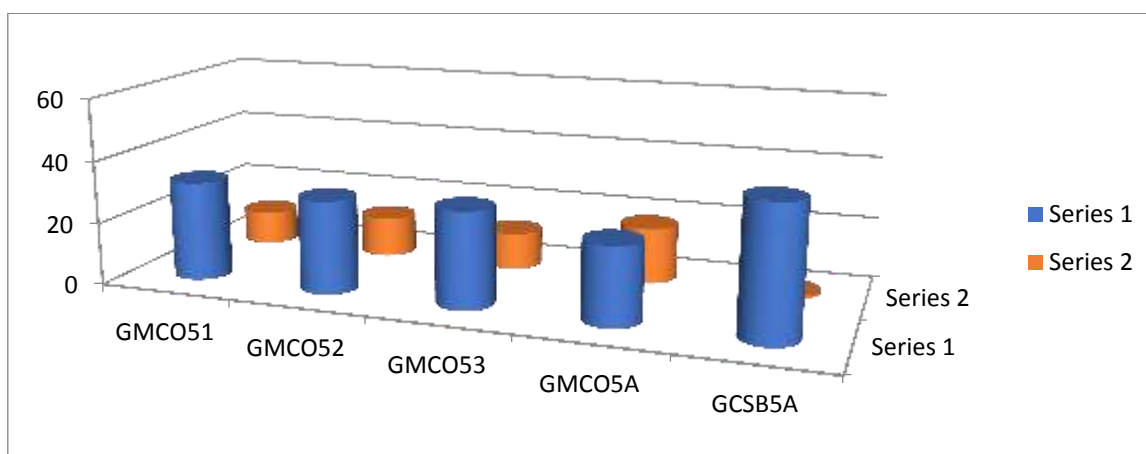
- ❖ In this Fifth semester, more than 70 % of the students were passed in three subjects and remaining 98% passed in one subject.

Semester - II

Subject Name	Subject Code	Appeared	Pass	Pass %	RA
Tamil	G1TL21	49	17	35	32
English	G2EN21	49	18	37	31
Financial Accounting - II	GMCO21	46	27	59	19
Business Management	GMCO22	48	34	71	14
Office Automation	GACN21	46	31	67	15
Value Based Education	GVBE21	51	47	92	4

Source: Compiled from April 2016 Result

❖ In this second semester, more than 92 % of the students were passed in one subject and 60% passed in three subjects.

Semester - IV

Subject Name	Subject Code	Appeared	Pass	Pass %	RA
Advanced Financial Accounting - II	GMCO41	50	32	64	18
Business Statistics	GMCO42	43	29	67	14
Marketing	GMCO4B	50	33	66	17
Corel Draw	GACN41	49	29	59	20
Database Management	GSCN4A	49	31	63	18
Globalisation of Indian Economy	GNEC4A	49	30	61	19

Source: Compiledfrom April 2016 Result
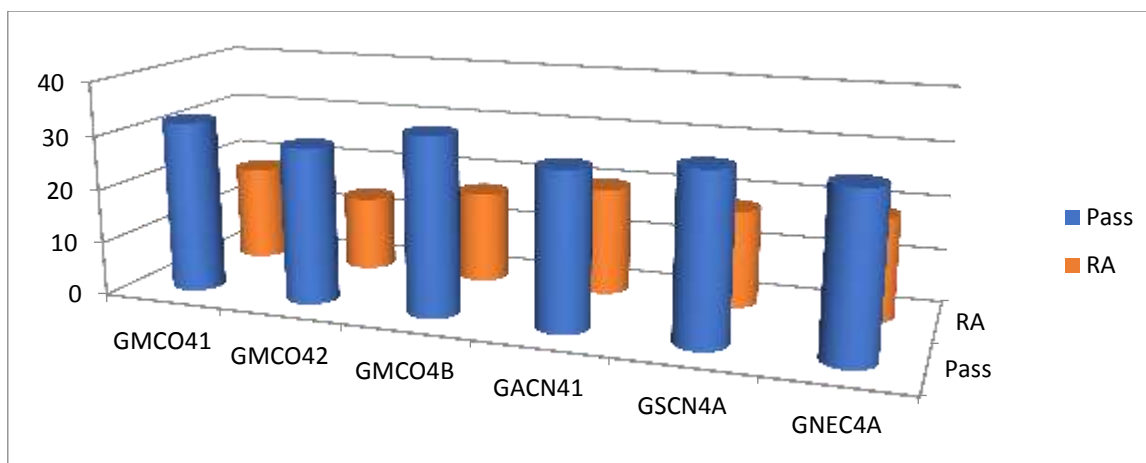
26

❖ In this Fourth semester, more than 70 % of the students were passed in all subjects.

Semester - VI

Subject Name	Subject Code	Appeared	Pass	Pass %	RA
Corporate Accounting - II	GMCO61	44	35	80	9
Management Accounting	GMCO62	44	40	91	4
Industrial Law	GMCO63	44	33	75	11
Auditing	GMCO64	44	41	93	3
Income Tax Law & Practice- II	GMCO6A	44	41	93	3

Source: Compiled from April 2016 Result
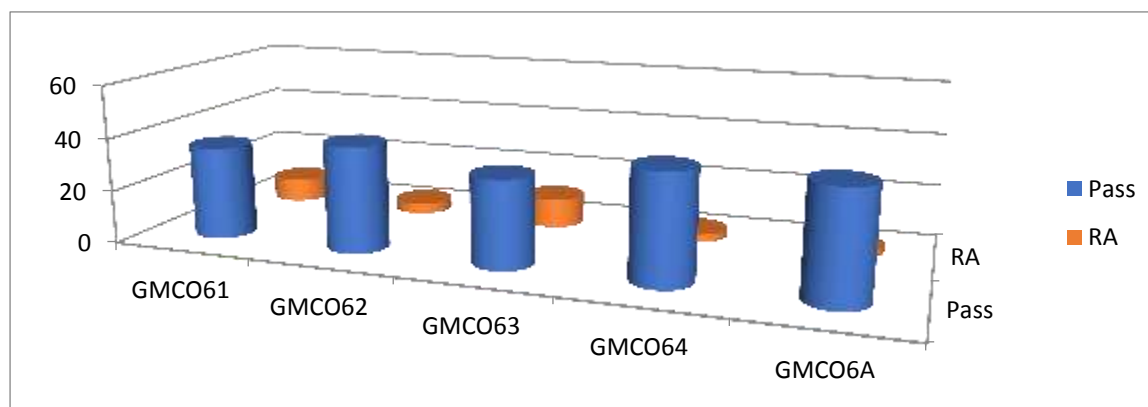
❖ In this sixth semester, more than 90 % of the students were passed in three subjects and remaining 70% passed in two subject.

27

PROGRAMME

S.No	Departments	Programme Activity	Date
1	B.Com Regular	Association Meeting	01-10-2015
2		A Programme on Financial Education and Financial Planning for young Investor by SEBI	29-02-2016
3		Parents and Teachers Meeting	16-02-2016
4		Industrial Visit for Final Year Students	05-03-2015
5		Educational Tour	09-09-2015
6		Industrial Visit for Second Year students	04-02-2016
7		Industrial Visit	17-02-2016 to 20-02-2016
8		UGC & IQAC sponsored National Seminar	04-03-2016
9	B.Com & B. Com CA	Department Quiz	18-09-2015
10		Commerce Association	28-09-2015
11		Free Eye Check-up Camp, Dr.Agarwall Eye Hospital	10-10-2015
12		Soft Skill Training	01-11-2015
13		National Seminar	11-03-2016
14		Kodankulam Nuclear Power Plant Visit	19-03-2016
15		Inter Collegiate Business Quiz	21-01-16

**A Programme on "Financial Education and Financial Planning for young Investor'
by SEBI.**

Kodankulam Nuclear Power Plant Visit

Free Eye Check-up Camp, Dr.Agarwall Eye Hospital

Inter Collegiate Business Quiz

National Seminar

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.
- ❖ 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

Dr. S. Daniel David Annaraj Chair Person Department of Commerce St.John's College, Palayamkottai.	*HEAD* *DEPARTMENT OF COMMERCE* *ST. JOHN'S COLLEGE* *PALAYAMKOTTAI - 627 002*
Subject Expert – 1 **Dr. J. Muralitharan.** Associate Professor, Department of Commerce. Kamaraj College, Thoothukudi.	**Dr. J. MURALITHARAN** M.Com.,B.Ed., M.Phil.,Ph.D., **Associate Professor** **PG & Research Department of Commerce** **Kamaraj College** Thoothukudi - 628 003
Subject Expert – 2 **Dr. Darling Selvi** Assistant Professor & Head, Department of Commerce, Rani Anna Government College for Women, Gandhi Nagar. Tirunelveli – 627 008	**Dr. V. DARLING SELVI, M.Com.,B.Ed.,** M.Phil.,Ph.D.,PGDCA,MBA,DFA., **Assistant Professor of Commerce** **Rani Anna Government. College for Women** Tirunelveli - 627 008.
Industrialist -1 **A. AnanthaSekar,** Managing Director, Kasiyanantha Cooking Ranges Pvt Ltd. 5, SIDCO Industrial Estate, Pettai, Tirunelveli 627001	For KASIYANANTHA COOKING RANGES (PV) LTD MANAGING DIRECTOR
The Principal St. John's College Palayamkottai Tirunelveli	
The IQAC Coordinator St. John's College Palayamkottai Tirunelveli	IQAC CO-ORDINATOR ST. JOHN'S COLLEGE PALAYAMKOTTAI

Annual Academic Audit Report

2015-16

Department of Mathematics

3rd & 4th March 2016

- Curriculum is having a good impact on the outcome of the students.
- Library facility in the department is quite good.
- Number of Text books at library is not sufficient.
- 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.
- Syllabus for Research domain and self-learning courses may be clearly defined and it may include more areas.
- Library facility is very good and there is a vast scope of development.

12. Signature of the Academic Audit 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	Dr. G.S. GRACE PREMA, M.Sc.,M.Phil.,Ph D. Associate Professor Department of Mathematics St. John's College, Palayamkottai-627002
Co-ordinator 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	Dr.J.VIJAYA XAVIER PARTHIPAN M.Sc.,M.Phil.,Ph.D. ASSOCIATE PROFESSOR OF MATHS ST.JOHN'S COLLEGE PALAYAMKOTTAI - 627 002
Subject Expert – 1 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: selvarajcaroline@gmail.com	C. CAROLINE SELVARAJ Assistant Professor of Mathematics, St. Xavier's College (Autonomous), Palayamkottai - 627 002.

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

Dr.J.GOLDEN EBENEZER JEBAMANI
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
IQAC CO-ORDINATOR
ST. JOHN'S COLLEGE
PALAYAMKOTTAI

Table of Contents

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 3rd and 4th of March 2016.

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

Co-ordinator

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

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

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

4. Schedule of the Annual Academic Audit

DAY 1 (3rd March 2016 - 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 – 11:30 AM	Overall presentation (PPT) about the department
11:30 AM – 12:00 AM	Tea Break
12:00 PM – 12:30 PM	Meeting the UG students in aided stream
12:30 PM – 01:00 PM	Meeting the PG students in aided stream
01:00 PM – 02:30 PM	Lunch Break
02:30 PM – 03:00 PM	Meeting the student representatives of both UG and PG classes in aided stream
03:00 PM – 03:30 PM	Tea Break
03:30 PM – 04:00PM	Meeting the M.Phil. scholars
04:00 PM – 04:30 PM	Meeting the teaching faculty
DAY 2 (4th March 2016 - Friday)	
Timing	**Activity**
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 under self-financing schemes. The department has computer lab with internet connectivity for students and faculties for updating their knowledge.

The Department have a set of 11 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

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	3309	7	1

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.

- A one-day State Level Seminar on **"Recent Trends in Modern mathematics"** partly funded by UGC was organized on **27.03.2015**.
- Mathematics Association meeting (2015-2016) was conducted on **11.09.2015**.
- Ramanujams Day was celebrated on **22.12.2015**.

6. Faculty Profile

Faculty Strength	Total Staff – 11 Men – 06 Women – 05
Qualification	Ph.D. – 05 SET – 01 M.Phil. – 11

6.1 List of the Faculty members

S. No.	Name of the Staff	Qualification	Designation and Responsibilities	Date of Joining	Area of Specialisation
1	Dr. J. Suresh Susila	M.Sc., M.Phil., Ph.D.	Associate Professor & Head	12/10/1981	Graph theory
2	Dr. G. Jeya Kumar	M.Sc., M.Phil., Ph.D.	Associate Professor, M.Phil. Coordinator	03/03/1984	Graph theory
3	Mr. K. Stalin Alexis	M.Sc., M.Phil., PGDCA.	Associate Professor, Examination In-charge	28/08/1984	Near rings
4	Dr. G.S. Grace Prema	M.Sc., M.Phil., Ph.D. SET	Associate Professor, YRC Coordinator	13/12/1995	Graph theory

5	Dr. A. Alwyn Asir	M.Sc., B.Ed., M.Phil., Ph.D.	Associate Professor, Programme Coordinator	09/02/1998	Graph theory
6	Dr. J. Vijaya Xavier Parthipan	M.Sc, B.Ed, M.Phil, Ph.D.	Associate Professor, AAA Coordinator	21/06/1999	Graph theory
7	Mrs. S. Vijila Velvet Daisy	M.Sc., M.Phil., B.Ed., PGDCA.	Associate Professor, Result Analysis In-charge	15/03/2000	Topological Groups
8	Mrs. W. Rajammal Ranjitha Mary	M.Sc., M.Phil.,	Associate Professor, NSS coordinator	21/03/2001	Algebra
9	Mr. V. Selvan	M.Sc., M.Phil.,	Assistant Professor, Library In-charge	29/05/2009	Graph theory
10	Mrs. T. Santhakumari	M.Sc., B.Ed., M.Phil.	Assistant Professor, Girls Mentor	26/09/2012	Lattice Theory
11	Mr. C Prabu Daniel Pakkianathan (SF)	M.Sc., M.Phil.	Assistant Professor	25/01/2010	Differential Equations

6.2 List of the Faculty members, based on API Score

S. No.	Name of the Faculty	Designation	API Score
1	Dr. J. Suresh Susila	Associate Professor & Head	575.5
2	Dr. G. Jeya Kumar	Associate Professor	454
3	Mr. K. Stalin Alexis	Associate Professor	265.5
4	Dr. G.S. Grace Prema	Associate Professor	352
5	Dr. A. Alwyn Asir	Associate Professor	256.5
6	Dr. J. Vijaya Xavier Parthipan	Associate Professor	317
7	Mrs. S. Vijila Velvet Daisy	Associate Professor	250.5
8	Mrs. W. Rajammal Ranjitha Mary	Associate Professor	217
9	Mr. V. Selvan	Assistant Professor	110
10	Mrs. T. Santhakumari	Assistant Professor	248.5
11	Mr. C Prabu Daniel Pakkianathan (SF)	Assistant Professor	165

7. Students' Profile

7.1 Students' Statistics for the year 2015 – 2016

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	11	3	31	48
II B.Sc.	4	0	16	7	21	48
III B.Sc.	3	0	19	2	24	48
I M.Sc.	2	0	6	1	16	25
II M.Sc.	2	0	8	1	14	25
M.Phil.	0	0	3	1	11	15

7.2 List of the Student's representatives

Course	Name of student's representative
I B.Sc.	Hannah Merlin Mary
II B.Sc.	Elakkia
III B.Sc.	Jeba A
I M.Sc.	Christy C
II M.Sc.	Kiruba

7.3 Students' 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	20th	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

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.	2011 – 2014	30	01	02
M.Sc.	2012 – 2014	17	00	00
M.Phil.	2013 – 2014	06	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	GMMA11	Calculus	25	75	100	5	5
	GMMA12	Algebra	25	75	100	5	5
	GAST11	Statistics I	25	75	100	6	5
	GEVS11	Environmental Studies	25	75	100	2	2

			IM	EM	TM	H	C
II	GMMA21	Vector Calculus	25	75	100	5	5
	GMMA22	Differential equation and Fourier series	25	75	100	5	5
	GAST21	Statistics II	25	75	100	6	5
	GVBE21	Value Based Education	25	75	100	2	2
III	GMMA31	Sequences, Series and Trigonometry	25	75	100	6	5
	GSMA3A	Application of Differential Equation	25	75	100	4	4
	GNMA3A	Statistical Methods	25	75	100	2	2
IV	GMMA41	Abstract Algebra	25	75	100	5	5
	GMMA21	Vector Calculus	25	75	100	5	5
	GSMA4A	Numerical Methods	25	75	100	4	4
	GNMA4B	NME - Basic Algebra	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	HMAM11	Algebra I	25	75	100	8	5
	HMAM12	Analysis I	25	75	100	8	5
	HMAM13	Probability and Statistics	25	75	100	7	5
	HMAE11	Programming with C++	25	75	100	7	5
II	HMAM21	Algebra II	25	75	100	6	5
	HMAM22	Analysis II	25	75	100	6	5
	HMAM23	Classical Mechanics	25	75	100	6	5
	HMAM24	Ordinary Differential Equations	25	75	100	6	5
	HMAL21	Programming with C++ and MS Office	40	60	100	6	5

III	HMAM31	Complex Analysis	25	75	100	6	5
	HMAM32	Topology	25	75	100	6	5
	HMAM33	Differential Geometry	25	75	100	6	5
	HMAM34	Operations Research	25	75	100	6	5
	HMAP31	Project	40	60	100	6	5
IV	HMAM41	Functional Analysis	25	75	100	8	5
	HMAM42	Measure and Integration	25	75	100	8	5
	HMAM43	Analytic Number Theory	25	75	100	8	5
	HMAE43	Partial Differential Equations	25	75	100	6	5

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	HMAC11	Advanced Algebra	25	75	100	6	8
	HMAC12	Advanced Analysis	25	75	100	6	8
II	HMAO21	Banach Algebra and Spectral Theory	25	75	100	6	8
	HMAC2D	Project and Viva Voce	50	150	200		16

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	150
Seminars	= 05	Section C (5x8=40)	= 40		
Total Marks	= 25	Total	= 75	Total Marks	200

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 2015 and November 2015 University examinations are represented graphically:
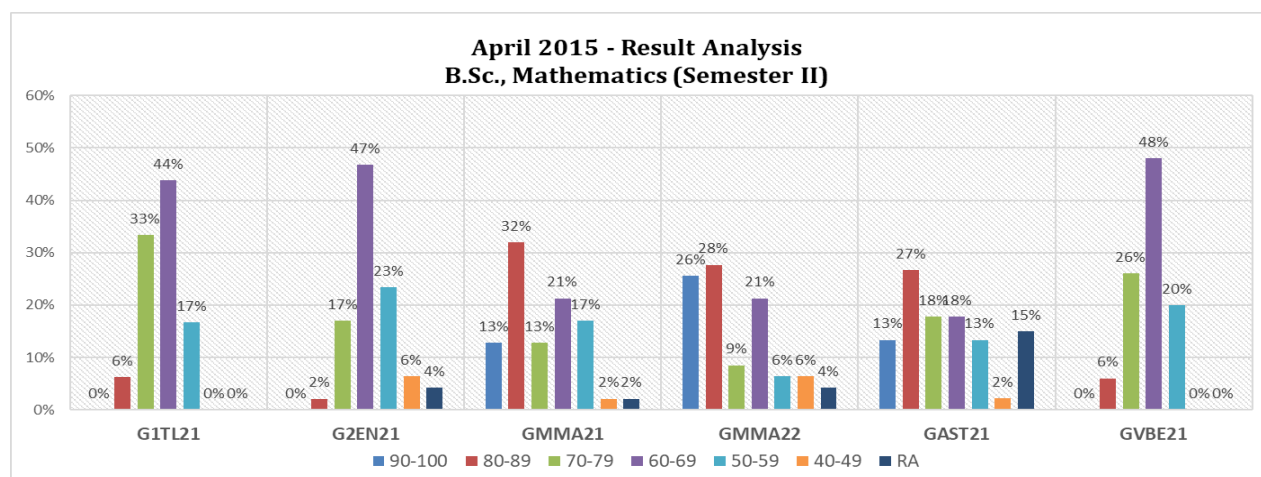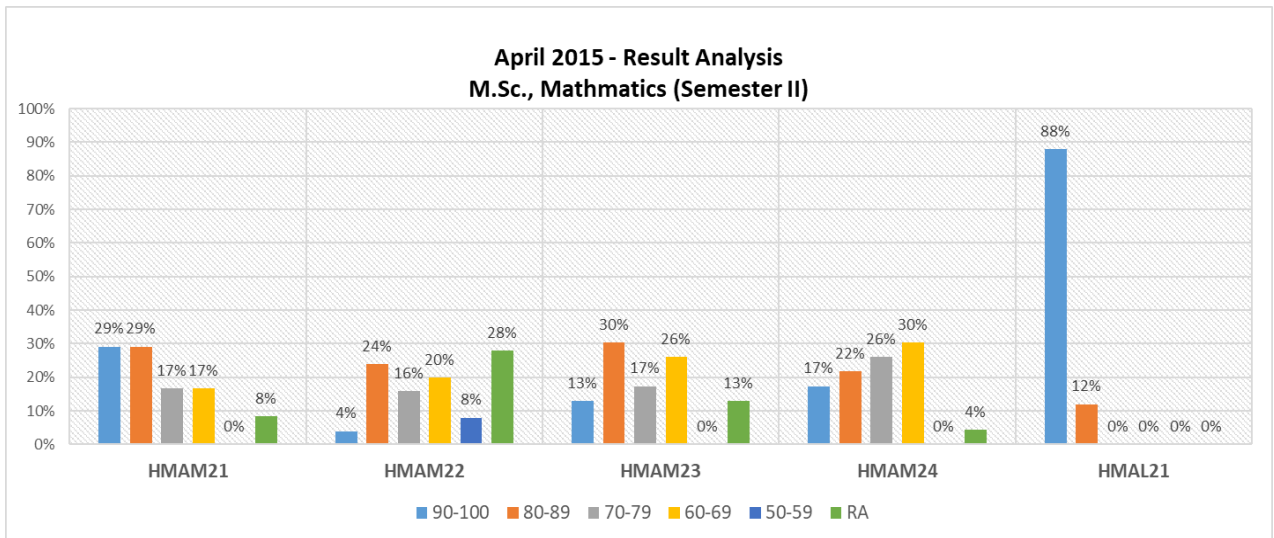

- In B.Sc. Mathematics (Semester II), the pass percentage mostly falls between the range 70 – 90.
- On an average, 4.17% reappear the examinations and 25.5% of students gain 80% and above invariably in all subjects.

April 2015 - Result Analysis
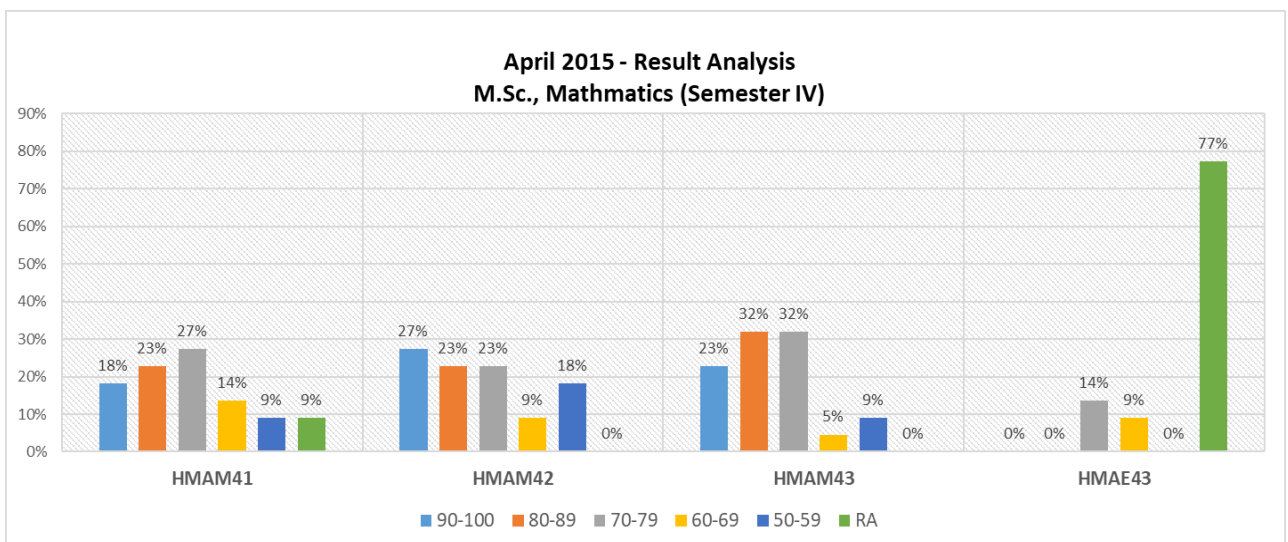**B.Sc., Mathematics (Semester IV)**
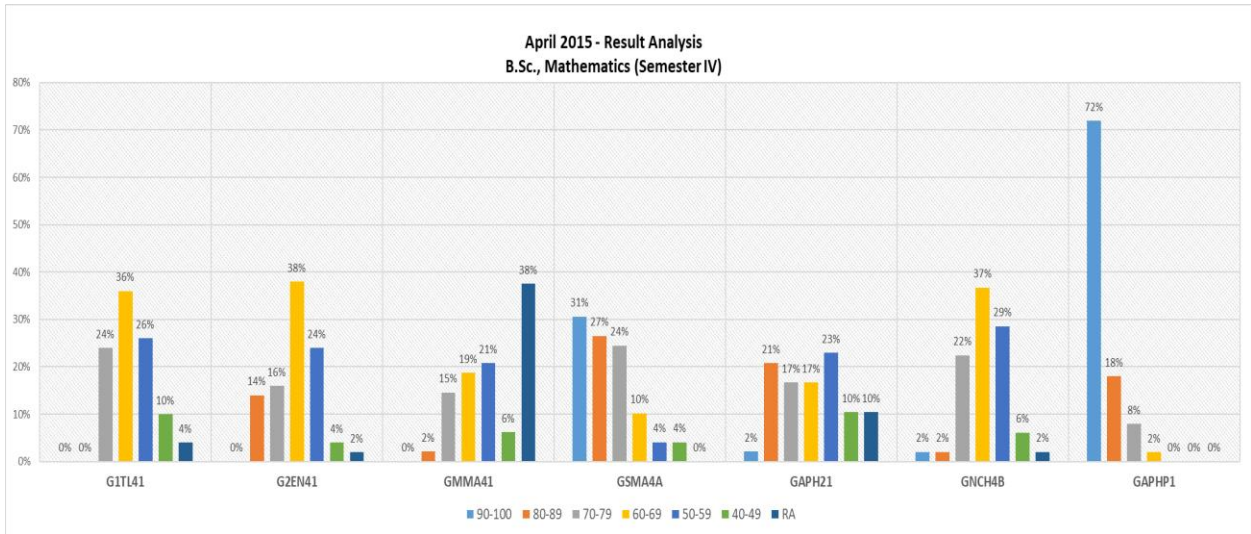
- In B.Sc. Mathematics (Semester IV), except GAPHP1 the pass percentage mostly falls between the range 60 – 80.
- On an average, 8% reappear the examinations and 25.86% of students gain 80% and above invariably in all subjects.

April 2015 - Result Analysis
B.Sc., Mathematics (Semester VI)
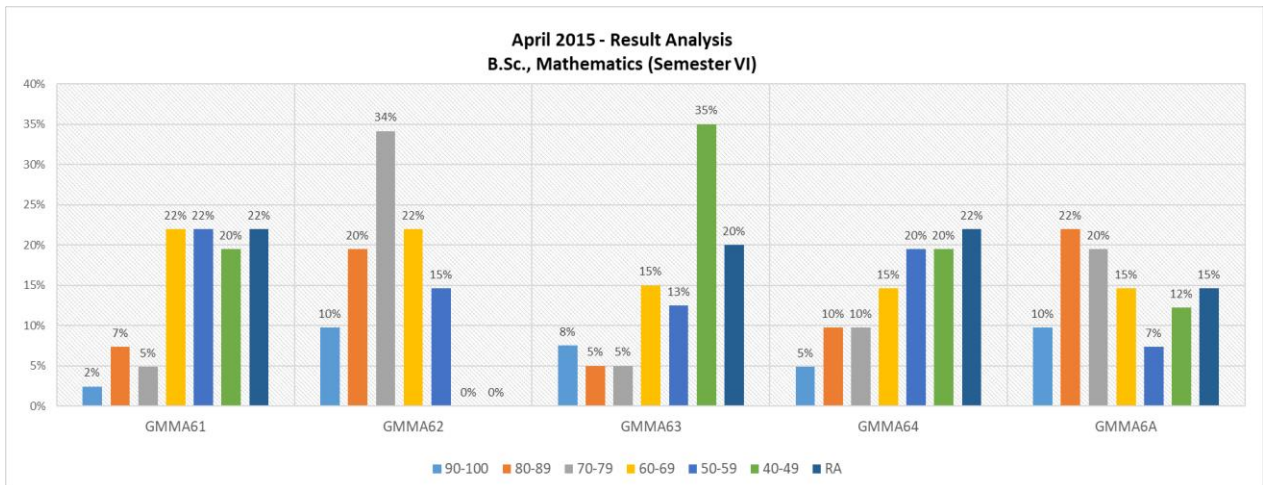
- In B.Sc. Mathematics (Semester VI), the pass percentage mostly falls between the range 50 – 70.
- On an average, 20% reappear the examinations and 18% of students gain 80% and above invariably in all subjects.

April 2015 - Result Analysis
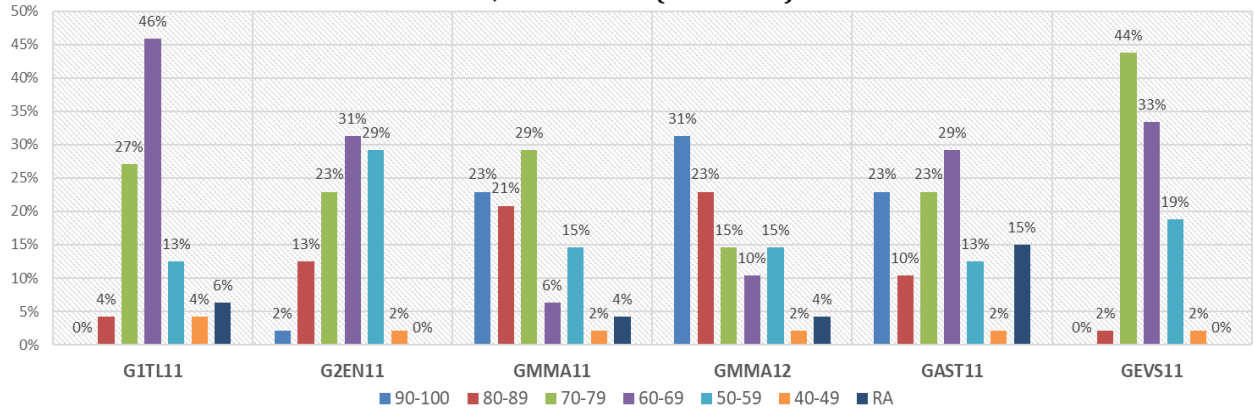**M.Sc., Mathmatics (Semester II)**

- In M.Sc. Mathematics (Semester II), except HMAL21 the pass percentage mostly falls between the range 60 – 90.
- On an average, 10.6% reappear the examinations and 53.6% of students gain 80% and above invariably in all subjects.
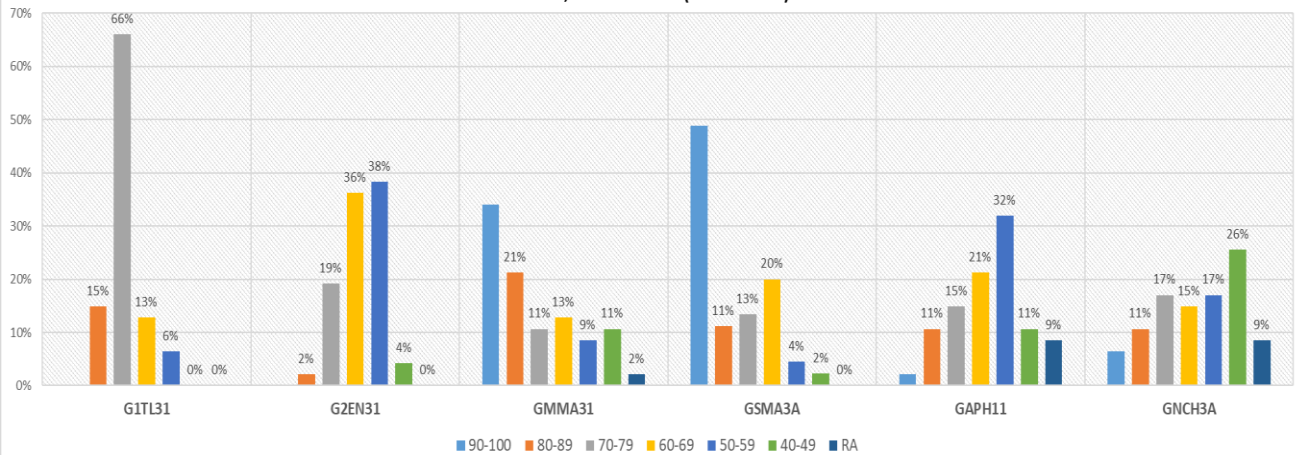

April 2015 - Result Analysis
M.Sc., Mathmatics (Semester IV)

- In M.Sc. Mathematics (Semester IV), the pass percentage mostly falls between the range 70 – 100.
- On an average, 21.5% reappear the examinations and 36.5% of students gain 80% and above invariably in all subjects.

November 2015 - Result Analysis
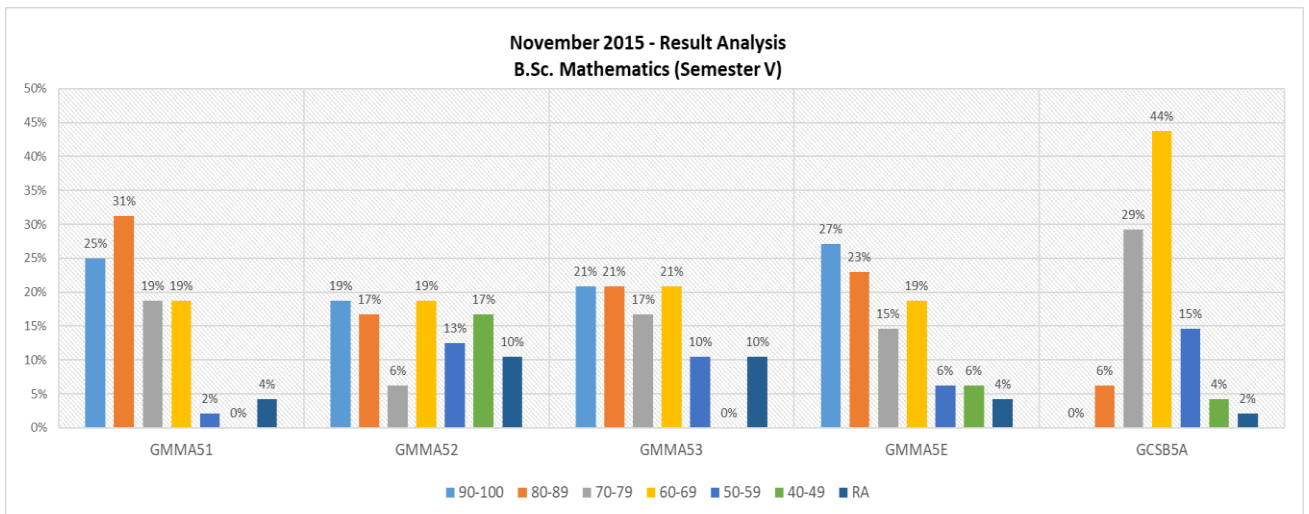**B.Sc., Mathematics (Semester I)**

- In B.Sc. Mathematics (Semester I), the pass percentage mostly falls between the range 60 – 90.
- On an average, 9.67% reappear the examinations and 25.3% of students gain 80% and above invariably in all subjects.
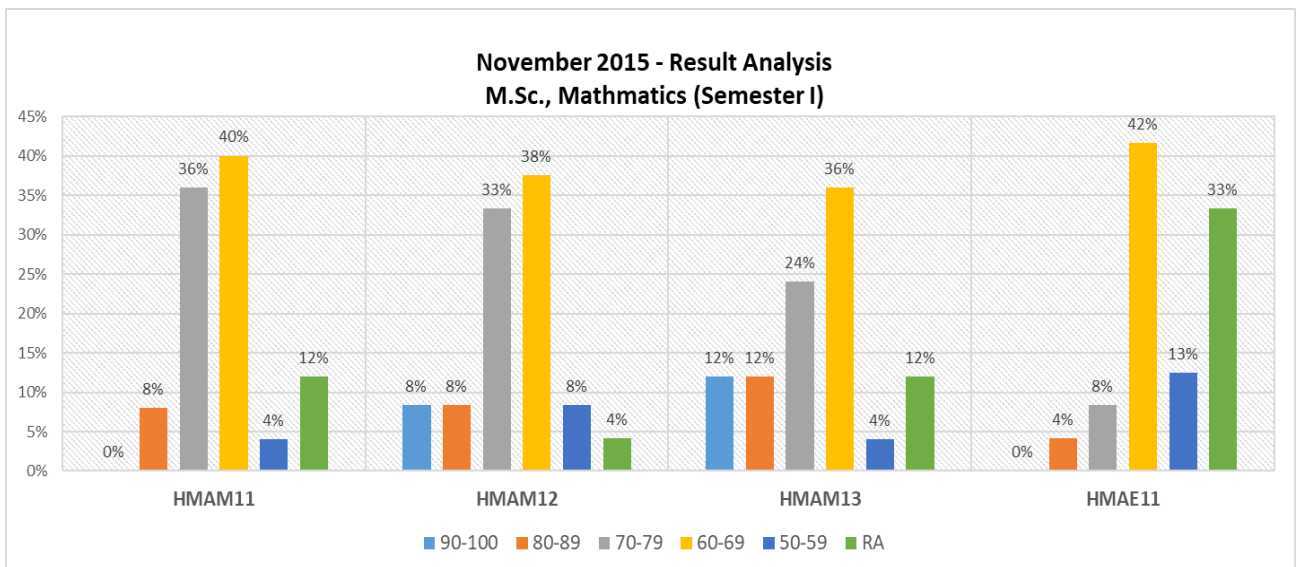

November 2015 - Result Analysis
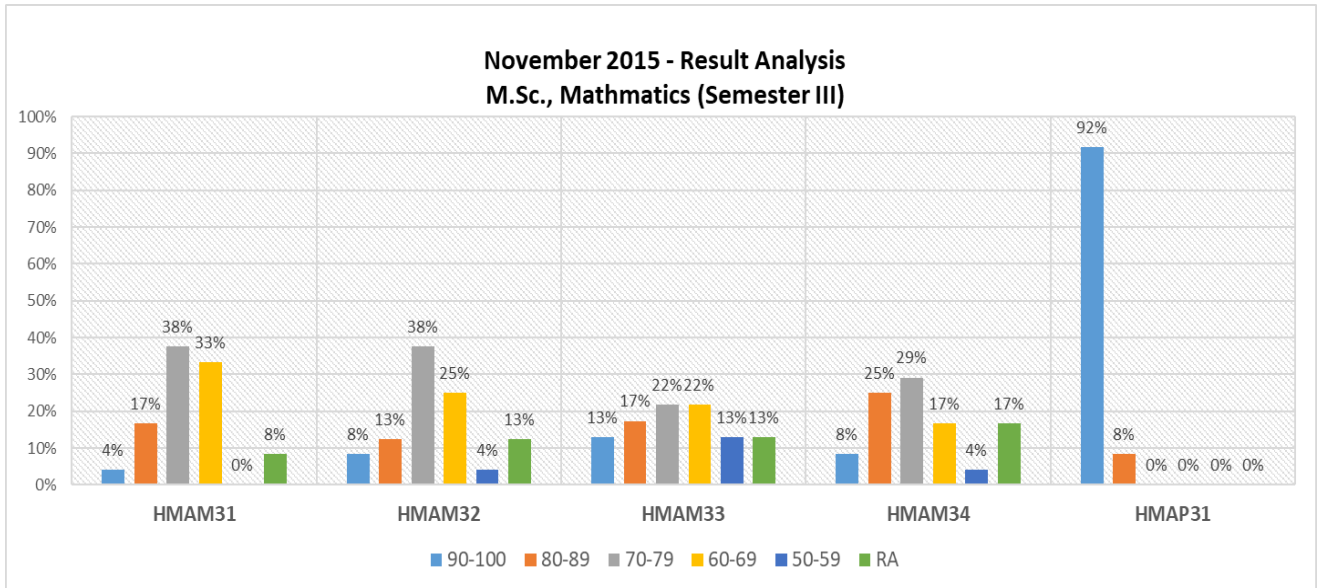**B.Sc., Mathematics (Semester III)**

- In B.Sc. Mathematics (Semester III), the pass percentage mostly falls between the range 60 – 90.
- On an average, 3.3% reappear the examinations invariably in all subjects.

November 2015 - Result Analysis
B.Sc. Mathematics (Semester V)

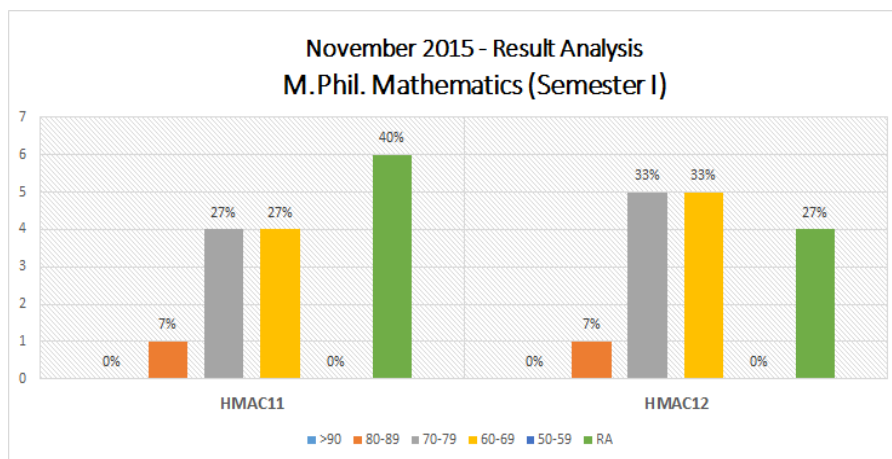Legend: 90-100, 80-89, 70-79, 60-69, 50-59, 40-49, RA

- In B.Sc. Mathematics (Semester V), the pass percentage mostly falls between the range 60 – 90.
- On an average, 6% reappear the examinations and 38% of students gain 80% and above invariably in all subjects.

November 2015 - Result Analysis
M.Sc., Mathmatics (Semester I)

Legend: 90-100, 80-89, 70-79, 60-69, 50-59, RA

- In M.Sc. Mathematics (Semester I), the pass percentage mostly falls between the range 60 – 90.
- On an average, 15.25% reappear the examinations and 13% of students gain 80% and above invariably in all subjects.

November 2015 - Result Analysis
M.Sc., Mathmatics (Semester III)

- In M.Sc. Mathematics (Semester III), except HMAP31 the pass percentage mostly falls between the range 60 – 80.
- On an average, 10.2% reappear the examinations and 41% of students gain 80% and above invariably in all subjects.

November 2015 - Result Analysis
M.Phil. Mathematics (Semester I)

- In M.Phil. Mathematics (Semester I), the pass percentage mostly falls between the range 60 – 80.
- On an average, 33.5% reappear the examinations and 7% 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 2015 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.	2012 – 2015	42	30	71.42
M.Sc.	2013 – 2015	25	17	68.00
M.Phil.	2014 – 2015	15	06	40.00

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 Staff of the department are having best expertise and experience and are handling classes in a very interactive way.
- Curriculum was well appreciated.
- 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.
- 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.

Annual

Academic

Audit Report

2015-16

Department of Physics

7th & 8th March 2016

Table of Contents

1

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 7th and 8th March 2016.

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. M. P. Rameela
Associate Professor, Department of Physics
Sarah Tucker College, Palayamkottai
Tirunelveli- 627002
Tamilnadu
Mobile: 9486680821

Subject Expert - 2
Dr. M. Nagarajan
Associate Professor
Department of Physics
VOC College
Thoothukudi- 628008
nagarajanmuta@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

DAY 1 (7th March 2016)	
Timing	**Activity**
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

DAY 2 (8th March 2016)	
Timing	**Activity**
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

S. No.	Items	Details	Verification (Yes/No)
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 – 1647 & PG - 1201	3	19

DEPARTMENT ACTIVITIES –PG PHYSICS – 2015 - 2016

❖ Parents Teachers meeting was held on 27.07.2016 in the department of PG Physics at 1.30 pm. Students' Academic activities, Discipline, Attendances and results were discussed.

❖ The Association meeting for the year 2015-2016 was held on the 17th August 2016. The topic was "Recent Trends in Thin films". Dr. Jebaraj Devadhasan, Department of Physics, Pope's College, Sawyerpuram was the Chief guest.

❖ All the Staff members and students of PG department participated in the association meeting of the PG department of Chemistry held on 31st August 2016. Dr. V. Rama, Head, Research department of Chemistry, Sarah Tucker College, Tirunelveli was the Chief Guest. She gave a valuable speech on Nanoparticles.

DEPARTMENT ACTIVITIES –UG PHYSICS

❖ Teachers' day was celebrated on 04/09/2015 to commemorate the birthday (5th Sept 1888) of Dr. Sarvepalli Radhakrishnan.

❖ Fresher's day was celebrated on 30/09/2015.

❖ The Physics Association was inaugurated on 19/10/2015.

❖ An educational trip was organized to Kudankulam Nuclear Power Plant (KKNPP) and Kanyakumari on 06/02/2016.

St.John's college Palaymkottai
Teachers Day - 04/09/2015
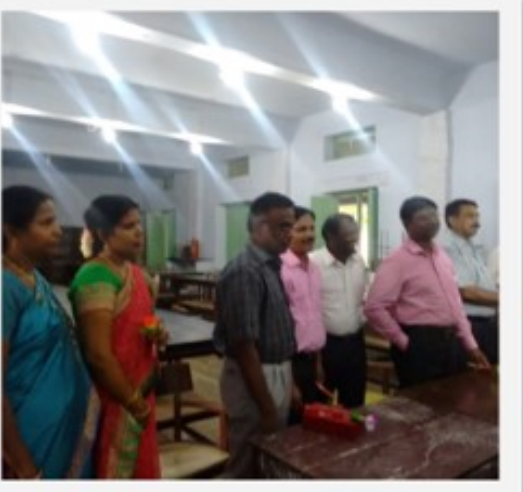
St.John's college Palaymkottai
Freshers Day - 30/09/2015

St.John's college Palaymkottai
Association Meeting - 16/10/2015

St.John's college Palaymkottai

Tour - 06/02/2016

6. Faculty Profile

Faculty Strength	Total Staff – 11
	Men – 4
	Women – 7
Qualification	Ph.D. – 3
	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	18
2	Dr. S. John Kennady Vethanathan.	Associate Professor	M.Sc., M.Phil., Ph.D.	Coordinator of Research and extracurricular activities	21/06/1999	16
3	Dr. A. Arulgnanam	Associate Professor	M.Sc., M.Phil., M.Tech., Ph.D.	Association in charge & IAPT Coordinator	21/03/2001	15
4	Mrs. R. Nithya Agnes	Assistant Professor	M.Sc., B.Ed., M.Phil.	Girls Grievance Cell Coordinator & Exam coordinator	30/08/2006	9
5	Mr. D. Arul Asir Abraham	Assistant Professor	M.Sc., M.Phil.	Convener for National workshop	29/05/2009	6
6	Mrs. D. Priscilla Koilpillai	Assistant Professor	M.Sc., M.Phil.	Coordinator of Quiz club and Placement service	29/05/2009	6

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	8
8	Miss. C. Stella Rani	Assistant Professor	M.Sc., M.Phil.	M.Phil. Class Incharge	04.09.2008	7
9	Mrs. E. Christy Jerin	Assistant Professor	M.Sc., M.Phil.	Library Incharge	19.06.2009	6
10	Mrs. G. Gomathi Sankari	Assistant Professor	M.Sc., M.Phil.	II M.Sc. Class Incharge	08.01.2015	1
11	Mrs. K. Uma Maheswari	Assistant Professor	M.Sc., M.Phil.	I M.Sc. Class Incharge	08.01.2015	1

Research and Consultancy

1. Sivaganesh, G., M. Daniel Sweetlin, and A. Arulgnanam, *Synchronization of strange non-chaotic attractors via unidirectional coupling of quasiperiodically-forced systems.* Journal of the Korean Physical Society, 2016. **69**(2): p. 124-130.

2. D. Arul Asir Abraham, U.Sankar, S.Perumal, P.Selvarajan; *Structural Analysis of Γ-Glycine Crystal Grown using the Aqueous Solution of a-Glycine and Gunaidine Hydrochloride* International Journal of ChemTech Research - CODEN (USA): IJCRGG ISSN: 0974-4290 Vol.8, No.1, pp 105-110, 2015.

3. D. Arul Asir Abraham, U.Sankar, S.Perumal, P.Selvarajan; *Growth, Mechanical, Electrical, Optical, and Thermal properties of γ-Glycine crystal Grown using the Aqueous Solution of α-Glycine and Guanidine Hydrochloride,* International Journal of ChemTech Research CODEN (USA): IJCRGG ISSN: 0974-4290 Vol.8, No.7, pp 444-456, 2015.

4. *"Systematical Calculation of Alpha Decay Half-Lives of Heavy Nuclei from Ground State to Ground and Excited States of Daughter"*, G.M.Carmel VigilaBai and R.Nithya Agnes, International Journal of Current Science, Research Volume 2; Issue 3, ISSN: 2454-5422.Page no.447-454 (2016).

List of the Faculty members and their API scores

S.No.	Name of the Faculty	Designation	API Score
1	Dr. M. Daniel Sweetlin	Head & Associate Professor	463
2	Dr. S. John Kennady Vethanathan.	Associate Professor	1126
3	Dr. A. Arulgnanam	Associate Professor	1026.3
4	Mrs. R. Nithya Agnes	Assistant Professor	444
5	Mr. D. Arul Asir Abraham	Assistant Professor	389
6	Mrs. Priscilla Koilpillai	Assistant Professor	290
7	Mrs. J. Ruby Jemima	Assistant Professor	128.9
8	Mrs. C. Stella Rani	Assistant Professor	308.2
9	Mrs. E. Christy Jerin	Assistant Professor	337.2
10	Mrs. G. Gomathi Sankari	Assistant Professor	335
11	Mrs. K. Uma Maheswari	Assistant Professor	175

7. Students' Profile

Student's Statistics for the year 2015-2016

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	M	F	
1	B.Sc. PHYSICS	1	1	0	0	0	0	9	7	4	3	0	1	0	0	2	1	8	11	24	24	48
2	M.Sc. PHYSICS	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2	0	5	5
3	M.Phil. PHYSICS	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	0	5	5

List of the student representatives

Course	Name of student representative
I B.Sc.	S. Kipson Rajadurai
II B.Sc.	V. Adhithyan
III B.Sc.	K. Subash
I M.Sc.	E. Brightlin Felcia
II M.Sc.	S. Hepzibha

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.	Mrs. D. Priscilla Koilpillai	Dr. S. JOHN KENNADY VETHANATHAN	Part Time	09.05.2015
2.	Mrs. S. Karpagavalli	Dr. S. JOHN KENNADY VETHANATHAN	Part Time	23.02.2015
3.	Mrs. A. Suganthi	Dr. S. JOHN KENNADY VETHANATHAN	Part Time	23.02.2015

Students' Achievements

Students qualifying in State/ National/ International level examinations

S. No	Name of the student	Competitive exam passed
1.	S. Selva Kumar	IAPT -Examination State Topper

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.	2013 – 2016	19	9	5
M.Sc.	2014 – 2016	5		
M. Phil.	2015 - 2016	2		

8. Curriculum

UG Programme Structure

Semester	Course code	Course Name	IM	EM	TM	H	C
I	GMPH11	Properties of Matter and Oscillation	25	75	100	4	4
	GMPH12	Optics	25	75	100	4	4
	GEVSII	Environmental Studies	25	75	100	2	2
			75	**150**	**300**	**10**	**10**
II	GMPH21	Mechanics and Relativity	25	75	100	4	4
	GMPH22	Thermal Physics	25	75	100	4	4
	GVBE21	Value Based Education	25	75	100	2	2
	GMPHP1	Major Physics Practical	40	60	100	2	2
			115	**285**	**400**	**12**	**12**
III	GMPH31	Electricity and Magnetism	25	75	100	4	4
	GSPH3A	SBS-Maintenance of Electrical Equipment	25	75	100	4	4
	GSEAL1	Extension activity			100		1
			50	**150**	**300**	**8**	**9**

IV	GMPH41	C ++	25	75	100	4	4
	GSPH4A	SBS-Maintenance of Electronics Equipment	25	75	100	4	4
	GMPHP2	Major Physics Practical-II	25	75	100	2	2
			75	**150**	**300**	**10**	**10**
V VV	GMPH51	Atomic Physics	25	75	100		4
	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
			125	**375**	**500**		**22**
VI 44	GMPH61	Nuclear Physics	25	75	100		4
	GMPH62	Spectroscopy	25	75	100		4
	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
			220	**410**	**700**		**29**

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

PG Programme Structure

M.Sc. Programme Structure

Sem	Code	Subject Name	L	T	P	O	IM	SM	TM	CD
I	HPHM11	Classical Mechanics	5	1			25	75	100	5
	HPHM12	Mathematical Physics – I	5	1			25	75	100	5

	HPHM13	Electronic Devices	5	1			25	75	100	5
	HPHE12	Opto Electronics	5	1			25	75	100	4
	HPHL21	Practical 1 Physics 1			6		50	50	100	3
			20	**4**	**6**	**0**	**150**	**350**	**530**	**22**
II	HPHM21	Mathematical Physics II	5	1			25	75	100	5
	HPHM22	Solid State Physics	5	1			25	75	100	5
	HPHM23	Microprocessor and Microcontroller	5	1			25	75	100	5
	HPHE22	Communication Electronics	5	1			25	75	100	4
	HPHL22	Practical 2 Electronics			6		50	50	100	3
			20	**4**	**6**	**0**	**150**	**350**	**530**	**22**
III	HPHM31	Quantum Mechanics I	5	1			25	75	100	5
	HPHM32	Solid State Physics	5	1			25	75	100	5
	HPHM33	Statistical Mechanics	5	1			25	75	100	5
	HPHP31	Project	5	1			100	100	200	4
	HPHL41	Practical 3 Physics II			6		50	50	100	4
			20	**4**	**6**	**0**	**225**	**325**	**580**	**23**
IV	HPHM41	Quantum Mechanics II	5	1			25	75	100	5
	HPHM42	Molecular Spectroscopy	5	1			25	75	100	5
	HPHM43	Nuclear and Particle Physics	5	1			25	75	100	5
	HPHE42	Physics of Nano Materials	5	1			25	75	100	4
	HPHL42	Practical 4 Computer Programming C++ & Microprocessor			6		50	50	100	4
			20	**4**	**6**	**0**	**150**	**350**	**530**	**23**

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
			16	**4**	**0**	**24**	**250**	**250**	**500**

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

M.Phil. Programme Structure

Elective		
Sem	**Code**	**Subject Name**
II	HPHO11	Material Science
II	HPHO12	Space Physics
II	HPHO13	Nano Materials
II	HPHO14	Geo Physics

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	

For PG and M.Phil. Courses

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

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 2015 and April 2016 University examinations are represented graphically.
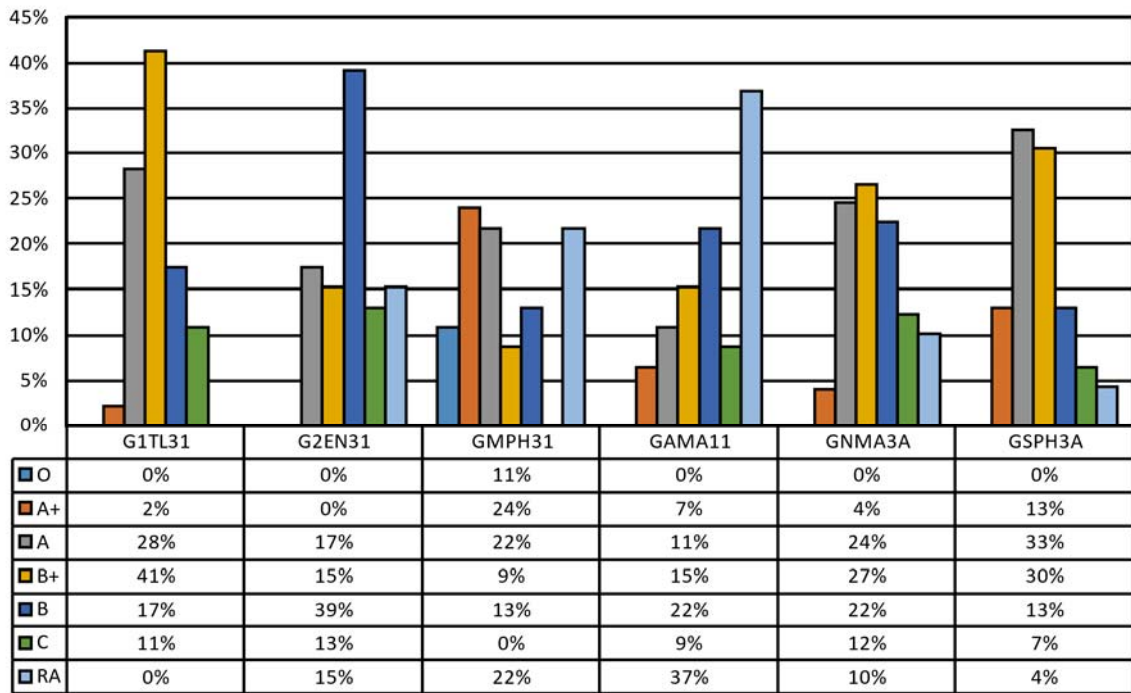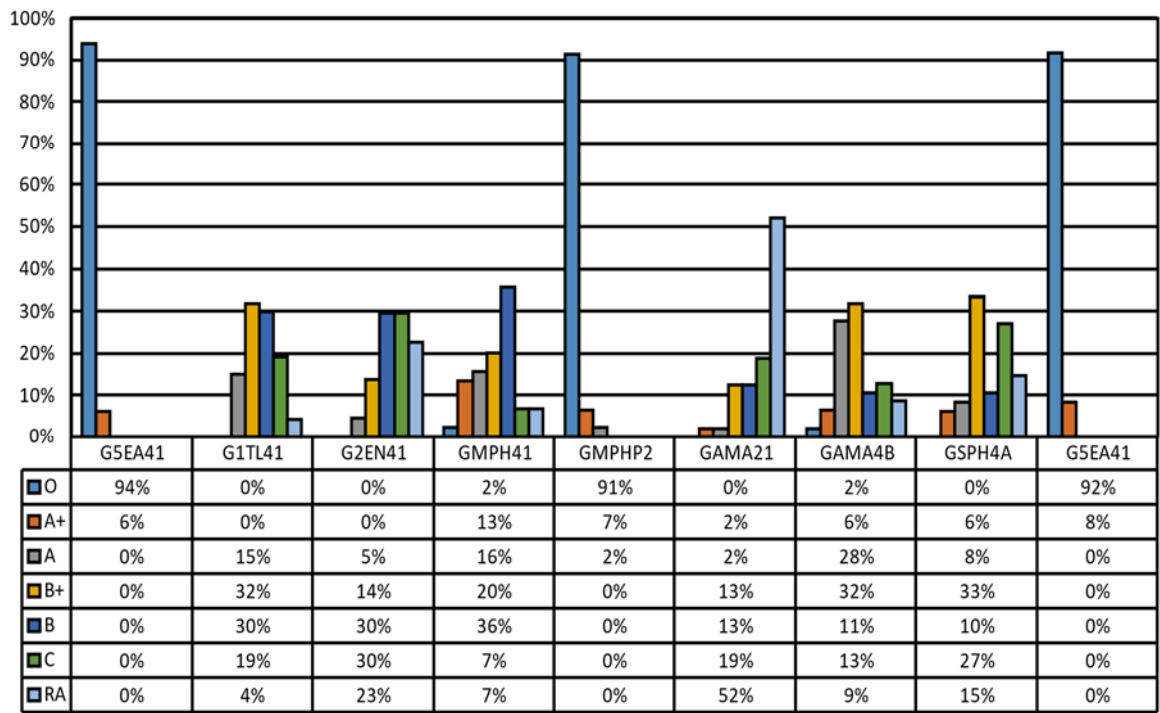
RESULT ANALYSIS
B.Sc PHYSICS - SEMESTER I
Nov 2015

	G1TL11	G2EN11	GMPH11	GMPH12	GMCH11	GEVS11
O	0%	0%	0%	6%	2%	0%
A+	4%	4%	2%	17%	13%	2%
A	9%	13%	11%	15%	11%	27%
B+	13%	22%	13%	15%	20%	44%
B	18%	27%	18%	17%	15%	20%
C	31%	31%	27%	19%	11%	4%
RA	24%	2%	29%	13%	28%	2%

RESULT ANALYSIS
B.Sc PHYSICS - SEMESTER II
Apr - 2016

	G1TL21	G2EN21	GACH21	GACHP1	GMPH21	GMPH22	GMPHP1	GVBE21
O	0%	0%	0%	31%	2%	3%	63%	0%
A+	8%	7%	10%	31%	12%	10%	19%	9%
A	4%	5%	19%	18%	16%	12%	10%	40%
B+	19%	14%	27%	3%	18%	28%	6%	34%
B	25%	34%	10%	8%	21%	16%	2%	13%
C	25%	25%	20%	3%	11%	7%	0%	4%
RA	21%	14%	14%	6%	21%	24%	0%	0%

20

RESULT ANALYSIS
B.Sc PHYSICS - SEMESTER III
Nov 2015

	G1TL31	G2EN31	GMPH31	GAMA11	GNMA3A	GSPH3A
O	0%	0%	11%	0%	0%	0%
A+	2%	0%	24%	7%	4%	13%
A	28%	17%	22%	11%	24%	33%
B+	41%	15%	9%	15%	27%	30%
B	17%	39%	13%	22%	22%	13%
C	11%	13%	0%	9%	12%	7%
RA	0%	15%	22%	37%	10%	4%

RESULT ANALYSIS
B.Sc PHYSICS - SEMESTER IV
Apr - 2016

	G5EA41	G1TL41	G2EN41	GMPH41	GMPHP2	GAMA21	GAMA4B	GSPH4A	G5EA41
O	94%	0%	0%	2%	91%	0%	2%	0%	92%
A+	6%	0%	0%	13%	7%	2%	6%	6%	8%
A	0%	15%	5%	16%	2%	2%	28%	8%	0%
B+	0%	32%	14%	20%	0%	13%	32%	33%	0%
B	0%	30%	30%	36%	0%	13%	11%	10%	0%
C	0%	19%	30%	7%	0%	19%	13%	27%	0%
RA	0%	4%	23%	7%	0%	52%	9%	15%	0%

+

21

RESULT ANALYSIS
B.Sc PHYSICS - SEMESTER V
Nov 2015

	GMPH51	GMPH52	GMPH5B	GMPH5C	GCSB5A
O	0%	0%	9%	2%	0%
A+	9%	5%	27%	16%	2%
A	18%	21%	27%	25%	10%
B+	22%	28%	18%	25%	50%
B	13%	12%	4%	14%	13%
C	27%	9%	0%	5%	10%
RA	9%	16%	7%	5%	6%
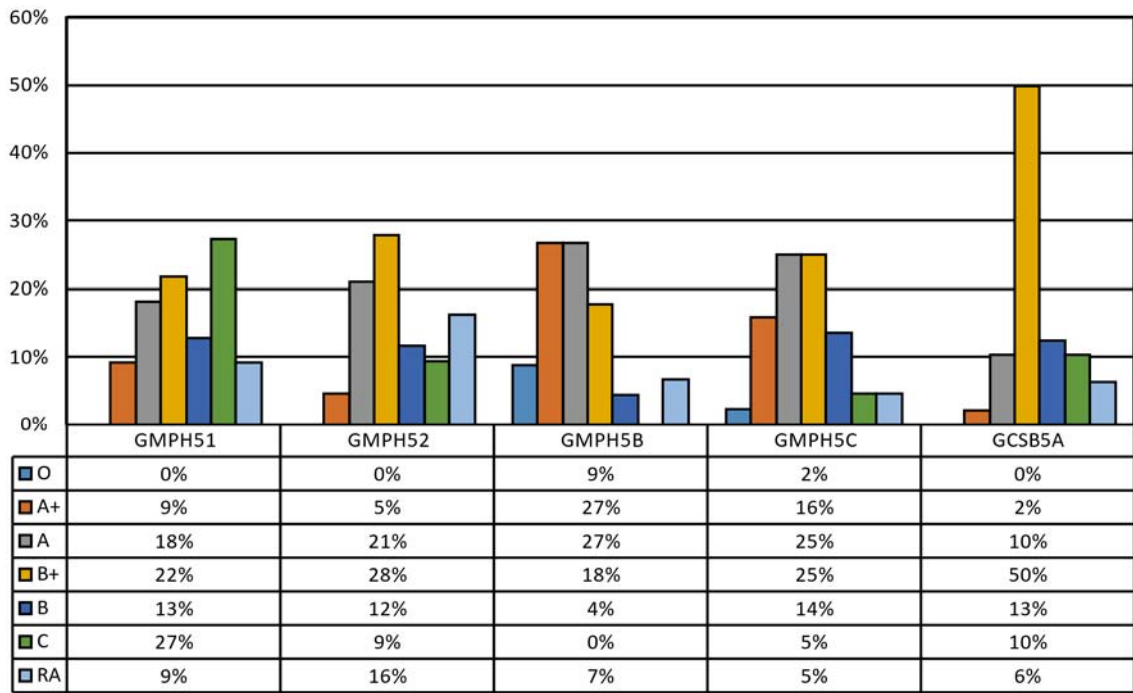
RESULT ANALYSIS
B.Sc PHYSICS - SEMESTER VI
Apr - 2016

	GMPH61	GMPH6A	GMPHB5	GMPH62	GMPHP3	GMPH63	GMPHP4	GMPH6A
O	0%	5%	87%	0%	87%	0%	96%	46%
A+	2%	16%	11%	2%	9%	9%	4%	54%
A	32%	32%	2%	21%	4%	16%	0%	0%
B+	14%	18%	0%	21%	0%	29%	0%	0%
B	32%	18%	0%	28%	0%	18%	0%	0%
C	12%	11%	0%	14%	0%	9%	0%	0%
RA	8%	0%	0%	14%	0%	20%	0%	0%

22

RESULT ANALYSIS
M.Sc PHYSICS - SEMESTER I
Nov 2015

	HPHM11	HPHM12	HPHM13	HPHE12
O+	0%	0%	0%	0%
O	0%	0%	0%	0%
A+	0%	0%	0%	0%
A	0%	40%	20%	0%
B+	0%	0%	40%	0%
B	0%	20%	20%	0%
RA	100%	40%	20%	100%

RESULT ANALYSIS
M.Sc PHYSICS - SEMESTER III
Nov 2015

	HPHM31	HPHM32	HPHM33	HPHP31
O+	0%	0%	0%	89%
O	0%	11%	0%	11%
A+	0%	0%	22%	0%
A	33%	11%	22%	0%
B+	11%	11%	22%	0%
B	0%	0%	0%	0%
RA	56%	67%	33%	0%

RESULT ANALYSIS
M. PHIL. PHYSICS - SEMESTER I
Nov 2015

	HPHC11	HPHC12
O+	0%	0%
O	0%	20%
A+	0%	0%
A	0%	60%
B+	50%	0%
B	0%	0%
RA	50%	20%

RESULT ANALYSIS
M.Sc PHYSICS - SEMESTER II
Apr - 2016

	HPHM21	HPHM22	HPHM23	HPHL21	HPHL22	HPHE22
O+	0%	0%	0%	60%	80%	0%
O	0%	0%	0%	20%	0%	0%
A+	40%	20%	20%	0%	0%	20%
A	0%	20%	0%	0%	0%	20%
B+	0%	20%	0%	0%	0%	20%
B	0%	0%	0%	0%	0%	0%
RA	60%	40%	80%	20%	20%	40%

24

RESULT ANALYSIS
M.Sc PHYSICS - SEMESTER IV
Apr - 2016

	HPHM41	HPHM42	HPHM43	HPHL41	HPHL42	HPHE41
O+	0%	0%	0%	100%	100%	0%
O	0%	0%	0%	0%	0%	11%
A+	11%	11%	0%	0%	0%	11%
A	33%	11%	11%	0%	0%	33%
B+	11%	56%	44%	0%	0%	22%
B	11%	0%	0%	0%	0%	11%
RA	33%	22%	44%	0%	0%	11%

RESULT ANALYSIS
M.PHIL PHYSICS - SEMESTER II
Apr - 2016

	HPHO23
O+	0%
O	20%
A+	20%
A	60%
B+	0%
B	0%
RA	0%

The details of outgoing students that are appeared as well as passed in the April 2016 University examinations, are given in the below table:

Programme Name	Batch	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
B.Sc.	2013 - 2016	45	28	62.2%
M.Sc.	2014 - 2016	9	5	55.5%
M.Phil.	2015 - 2016	5	2	40%

Infrastructural Facilities

- Well ventilated Class Rooms
- Wi-Fi enabled Secured Block
- Centralized RO system
- Library Room
- Computer Lab
- Electronics and Instrumentation Club (EIC) project room

9. Outcome

1. **Outcome of the students meeting**
   - Students feel that the infrastructure provided by the college and department is good.
   - The rules and regulations of the department were appreciated.
   - Students are impressed with the Quiz-club and the Electronics Club activities.
   - Students are happy with the separate EIC project room.
   - Students are satisfied with the syllabus.
   - They feel that the Staff of the department have expertise and enough experience in handling theory and practical classes professionally.
   - PG students requested access to Digital Library.
   - Students asked for the Library to be kept open longer.

- The PG students feel that they have a very little opportunity to participate in extra-curricular activities.
- 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.
- Students appreciated the Carrier Oriented Course on 'Energy Science".

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.
- Friendly and professional academic environment created by the HOD was well 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 in MNC are less.
- Completing 90 working days for first semester students is not feasible due to delay in the admission procedure.
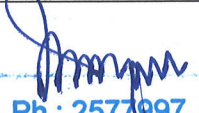
11. Suggestions

- 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.

- Lab credits may be reduced from 4 to 2 or 3 for P.G.

- Uniform distribution of number of theories and practical has to be followed in all the semesters.

- 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 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 given good placements and it may further be improved by placing them in MNC.

Signature of the Academic Panel Members

Chair Person Dr. M. Daniel Sweetlin Head, UG and Research Department of Physics, St. John's College, Palayamkottai Tirunelveli- 627002 Tamil Nadu.	Dr. M. DANIEL SWEETLIN M.Sc.,M.Phil.,B.Ed.,PGDCA.,Ph.D., Head of the Department of Physics St. John's College Palayamkottai - 627 002.
Co-Ordinator Mrs. J. Ruby Jemima Head, PG Department of Physics St. John's College, Palayamkottai Tirunelveli- 627002, Tamil Nadu.	Department of Physics (PG) St. John's College Palayamkottai - 627 002
Subject Expert -1 Dr. M. P. Rameela Assistant Professor, Department of Physics Sarah Tucker College (Autonomous) Tirunelveli- 627007 Tamilnadu Mobile: 9486680821	Dr.M.P.Rameela Assistant Professor of Physics Sarah Tucker College Tirunelveli - 627 002
Subject Expert – 2 Dr. M. Nagarajan Associate Professor, Department of Physics VOC College, Thoothukudi -628008 Tamilnadu Mobile: 9443114403	Dr. M. NAGARAJAN M.Sc., M.Phil., Ph.D. Associate Professor of Physics V.O.Chidambaram College Thoothukudi - 628 008
Industry Expert: Mr. N. Subramanian Proprietor Supriya Motor Industries 7C, Sivalaperi Road Tirunelveli -627 002. Mobile: +91 8850775803	Ph : 2577997, 4000997 SUPRIYAA PUMPS 7, SEEVALAPERI ROAD, TIRUNELVELI - 627 002.

IQAC Coordinator

IQAC CO-ORDINATOR
ST. JOHN'S COLLEGE
PALAYAMKOTTAI

Principal

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

Annual

Academic

Audit Report

2015-16

Department of Chemistry

23th & 24th August 2016

Table of Contents

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 23rd and 24th August 2016.

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. P. Rajesh Ananthaselvan,

Assistant Professor of Chemistry,

St. John's College,

Palayamkottai 627 002, Tamil Nadu.

Mobile: 9443418802

E-mail id: rajeshananthaselvan@gmail.com

Subject Expert – 1

Dr. T. Peter Amaladhas,
Associate Professor,
Dept. of Chemistry,
VOC College,
Tuticorin, Tamil Nadu.
Mobile No: 9487610876
E-mail: peteramaladhas@gmail.com

Subject Expert – 2

Dr. J. Shakina,
Assistant Professor,
Dept. of Chemistry,
Sarah Tucker College,
Palayamkottai – 627 002,
Mobile: +91 9384218533
E-mail id: shakinajudson@gmail,.com

Industry Expert:

Mr. M. Palanisamy,
General Manager,
ETA Powergen Pvt. Ltd.
Sattur, Tamil Nadu.
Mobile: 7867098351

4. Schedule of the Annual Academic Audit

DAY 1 (23rd August 2016)	
Timing	**Activity**
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
DAY 2 (24th August 2016)	
Timing	**Activity**
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. Sathiyanathan, 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. The Department has published 3 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 – 6 Women – 6
Qualification	Ph.D. – 3 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

6.1 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	Ms. M. Seethalakshmi	M.Sc.,M.Phil.,	Assistant Professor	20/06/2010	Organic Chemistry
3	Dr. S. Daniel Abraham	M.Sc., Ph.D	Assistant Professor	01/7/2010	Physical Chemistry
4	Dr. R. Biju Bennie	M.Sc., M.Phil., Ph.D	Assistant Professor	06/12/2010	Physical Chemistry
5	Dr. C. Joel	M.Sc., M.Phil., Ph.D	Assistant Professor	08/12/2011	Inorganic Chemistry

6.2 Research and Consultancy

1. Binding studies of some novel macroacyclic transition metal complexes towards CT-DNA via multispectroscopic techniques, Journal of Chemical and Pharmaceutical Research, 2015, 7(5):1159-1176. (ISSN: 0975-7384).

2. Structural, Thermal and BSA binding analysis of L-Tryptophan derived Mn(III)/Fe(III) complexes, Der Pharmacia Lettre, 2016, 8 (5):260-273. (ISSN 0975-5071).

3. Structures, spectra and DNA binding properties of N2O2 based acyclic ligand and its complexes with Co(II), Ni(II), Cu(II) and Zn(II) metal ions, International Journal of Inorganic and Bioinorganic Chemistry, 2015; 5(2): 49-55. (ISSN 2249-8540).

4. Structures, spectra and DNA binding properties of N2O2 based acyclic ligand and its complexes with Co(II), Ni(II), Cu(II) and Zn(II) metal ions, International Journal of Inorganic and Bioinorganic Chemistry 2015; 5(2): 49-55. (ISSN 2249-8540).

6.3 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	513.7
2	Mrs. T.P. Evangelin Maribah	Assistant Professor	334.0
3	Mr. P. Rajesh Ananthaselvan	Assistant Professor	633.0
4	Mrs. J. Betsy Rathnabai	Assistant Professor	258.5
5	Mrs. S. Hilda Mabel	Assistant Professor	111.8
6	Dr. J. Winfred Jebaraj	Assistant Professor	
7	Mr. D. Jim Livingston	Assistant Professor	131.0
8	Dr. S. Asha Jebamary	Assistant Professor & Head	152.2
9	Ms. M. Seethalakshmi	Assistant Professor	169.2
10	Dr. S. Daniel Abraham	Assistant Professor	215.1
11	Dr. R. Biju Bennie	Assistant Professor	320.6
12	Dr. C. Joel	Assistant Professor	269.6

7. Students' Profile

7.1 Student's Statistics for the year 2015-2016

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

<table>
<tr><th colspan="22">ACADEMIC YEAR 2015-2016</th></tr>
<tr><th rowspan="3">COURSE</th><th colspan="14">OTHER THAN MINORITY</th><th colspan="2" rowspan="2">Minority</th><th colspan="2" rowspan="2">Muslim</th><th rowspan="3">TOTAL</th></tr>
<tr><th colspan="2">SC</th><th colspan="2">SCA</th><th colspan="2">ST</th><th colspan="2">BC</th><th colspan="2">DNC</th><th colspan="2">MBC</th><th colspan="2">OC</th></tr>
<tr><th>M</th><th>F</th><th>M</th><th>F</th><th>M</th><th>F</th><th>M</th><th>F</th><th>M</th><th>F</th><th>M</th><th>F</th><th>M</th><th>F</th><th>M</th><th>F</th><th>M</th><th>F</th></tr>
<tr><td>I.B.sc chemistry</td><td>4</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>3</td><td>4</td><td>0</td><td>0</td><td>3</td><td>2</td><td>4</td><td>3</td><td>12</td><td>12</td><td>0</td><td>0</td><td>48</td></tr>
<tr><td>II.B.sc chemistry</td><td>2</td><td>0</td><td>0</td><td>0</td><td>0</td><td>2</td><td>2</td><td>6</td><td>0</td><td>0</td><td>2</td><td>2</td><td>5</td><td>3</td><td>15</td><td>9</td><td>0</td><td>0</td><td>48</td></tr>
<tr><td>III.B.sc chemistry</td><td>2</td><td>0</td><td>0`</td><td>0</td><td>2</td><td>0</td><td>6</td><td>2</td><td>0</td><td>0</td><td>1</td><td>3</td><td>4</td><td>4</td><td>13</td><td>11</td><td>0</td><td>0</td><td>48</td></tr>
</table>

Course	SC	ST	OBC	OC	Minority	Total
I M.Sc. (SF)	4	0	4	0	3	11
II M.Sc. (SF)	3	0	3	0	2	8
M.Phil. (S.F)	1	0	5	1	3	10

7.2 List of the student representatives

Course	Name of student representative
I B.Sc.	U. Sri Haribabu
II B.Sc.	P. Vasanthakumar
III B.Sc.	J.B. Gowthaman
I M.Sc. (SF)	Vijayalakshmi
II M.Sc. (SF)	Sheeba Aslin
M.Phil (SF)	Jaslin Jenisha

7.3 List of Ongoing Scholars under Supervisor
       NIL

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.	2012 – 2015	9	20	03
M.Sc. (SF)	2014 – 2015	17	06	11
M.Phil.	2014 – 2015	06	02	04

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	GMCH11	Inorganic Chemistry	25	75	100	4	4
	GMCH21	Physical Chemistry	25	75	100	4	4
	GEVS11	Environmental Studies	25	75	100	2	2
	GAPH11	Allied Physics I	25	75	100	4	4
II	GMCH12	Inorganic Chemistry II	25	75	100	4	4
	GMCH22	Organic Chemistry I	25	75	100	4	4
	GMCHP2	Inorganic Chemistry Practical II	50	50	100	3	3
	GVBE21	Valued Based Education	25	75	100	2	2
	GAPH21	Allied Physics II	25	75	100	4	4
III	GMCH31	Organic Chemistry	25	75	100	4	4
	GMCH3B	Food Chemistry	25	75	100	4	4
	GAMA11	Allied Maths I	25	75	100	4	4
IV	GMCH41	Physical Chemistry II	25	75	100	4	4
	GSCH4B	Chemistry in Medicine	25	75	100	4	4
	GAMA21	Allied Maths II	25	75	100	2	2
	GMCHP2	Inorganic Qual. Analysis	40	60	100	3	3
V	GMCH51	Organic Chemistry III	25	75	100	4	4
	GMCH52	Physical Chemistry III	25	75	100	4	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	4	4
	GMCH61	Inorganic Chemistry III	25	75	100	4	4
	GMCH63	Physical Chemistry IV	25	75	100	4	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
I	HCHM11	Organic Chemistry I	25	75	5	5
	HCHM12	Inorganic Chemistry I	25	75	5	5
	HCHM13	Physical Chemistry I	25	75	5	5
	HCHE11	Elective – Research Methodolgy	25	75	3	3
II	HCHM21	Organic Chemistry II	25	75	6	5
	HCHM22	Inorganic Chemistry II	25	75	6	5
	HCHM23	Physical Chemistry II	25	75	6	5
	HCHL21	Organic Chemistry Practicals I	40	60	4	4
	HCHL22	Inorganic Chemistry Practicals I	40	60	4	4
	HCHL23	Physical Chemistry Practicals I	40	60	4	4
III	HCHM31	Organic Chemistry III	25	75	5	5
	HCHM32	Inorganic Chemistry III	25	75	5	5
	HCHM33	Physical Chemistry III	25	75	5	5
	HCHP31	Project	0	100	6	3
IV	HCHM41	Organic Chemistry IV	25	75	6	5
	HCHM42	Inorganic Chemistry IV	25	75	6	5
	HCHM43	Physical Chemistry IV	25	75	6	5
	HCHL41	Organic Chemistry Practicals II	40	60	4	4
	HCHL42	Inorganic Chemistry Practicals II	40	60	4	4
	HCHL43	Physical Chemistry Practicals II	40	60	4	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	HCHP11	Scientific Research Methodolgy	25	75	100	4	4
	HCHP12	Course work	25	75	100	4	4
II	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 2015-2016 are represented graphically:
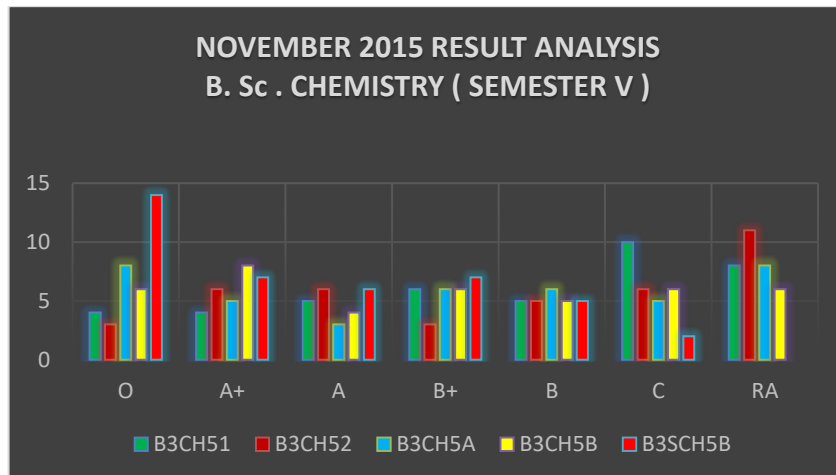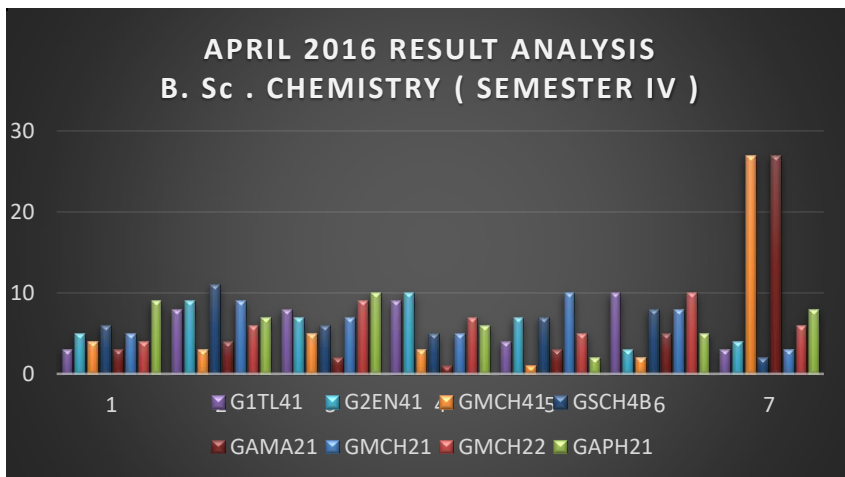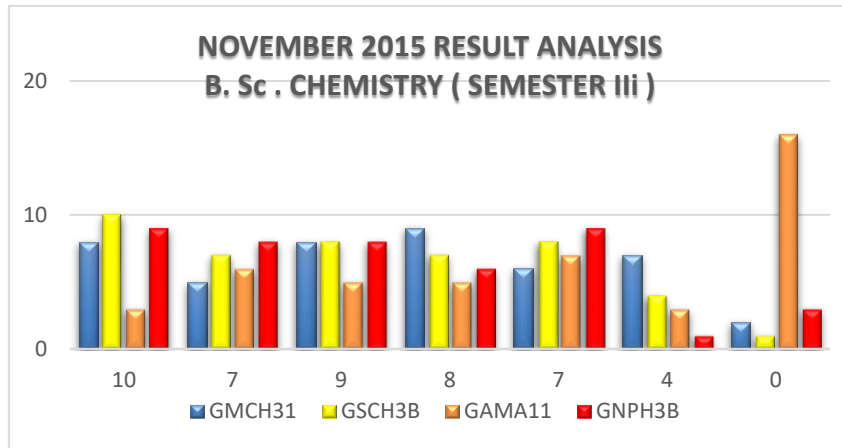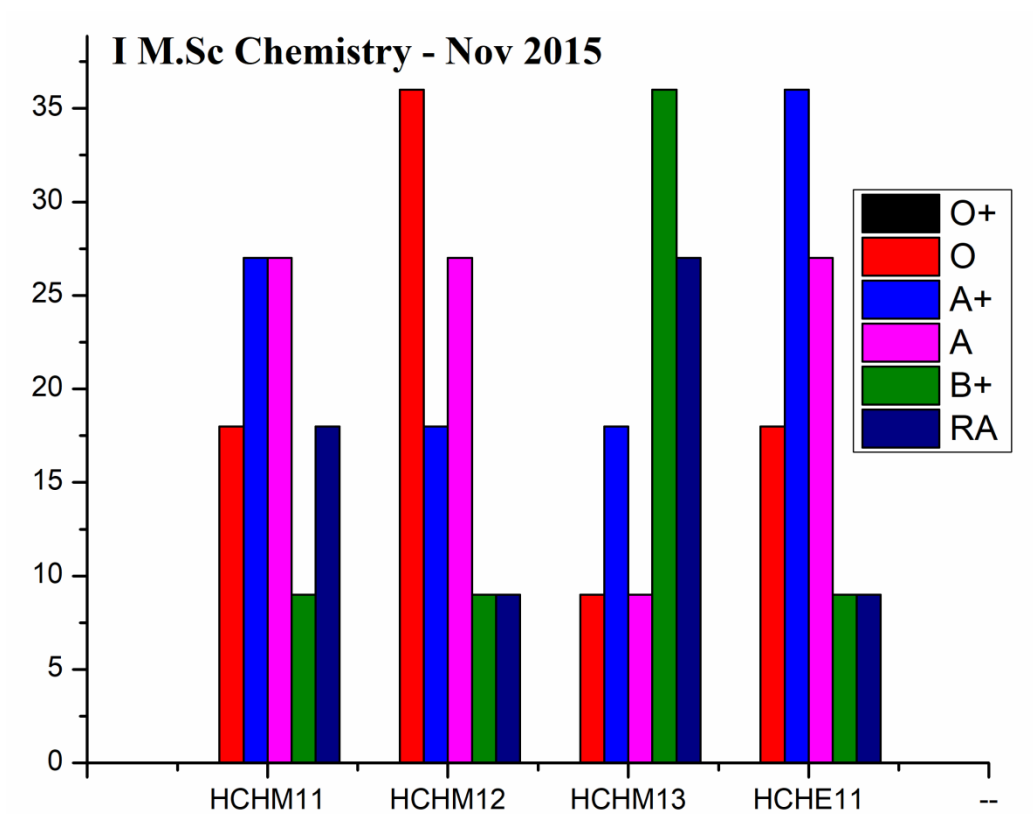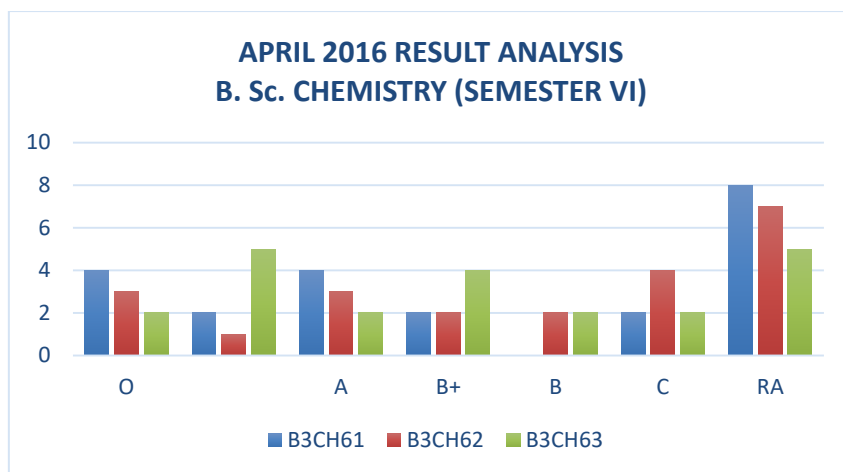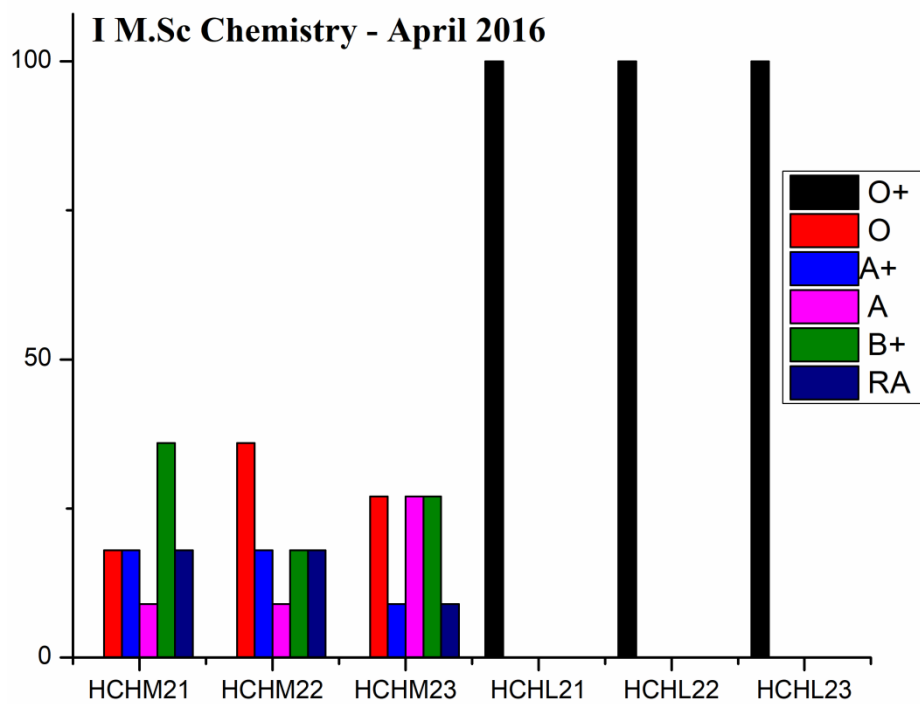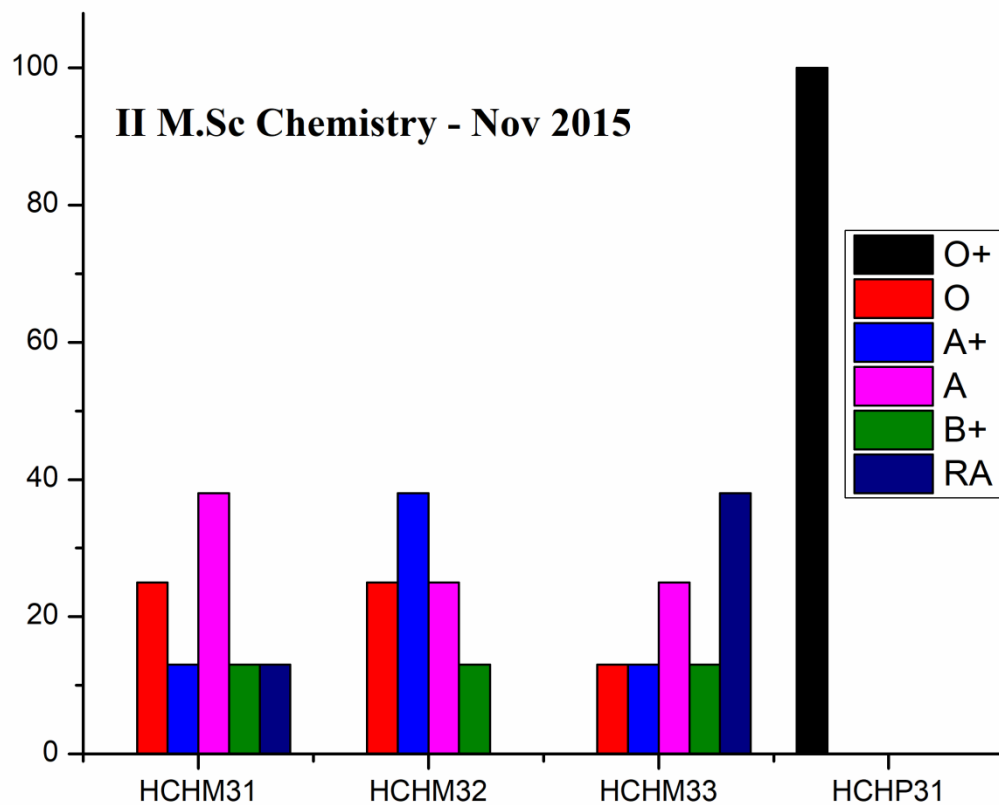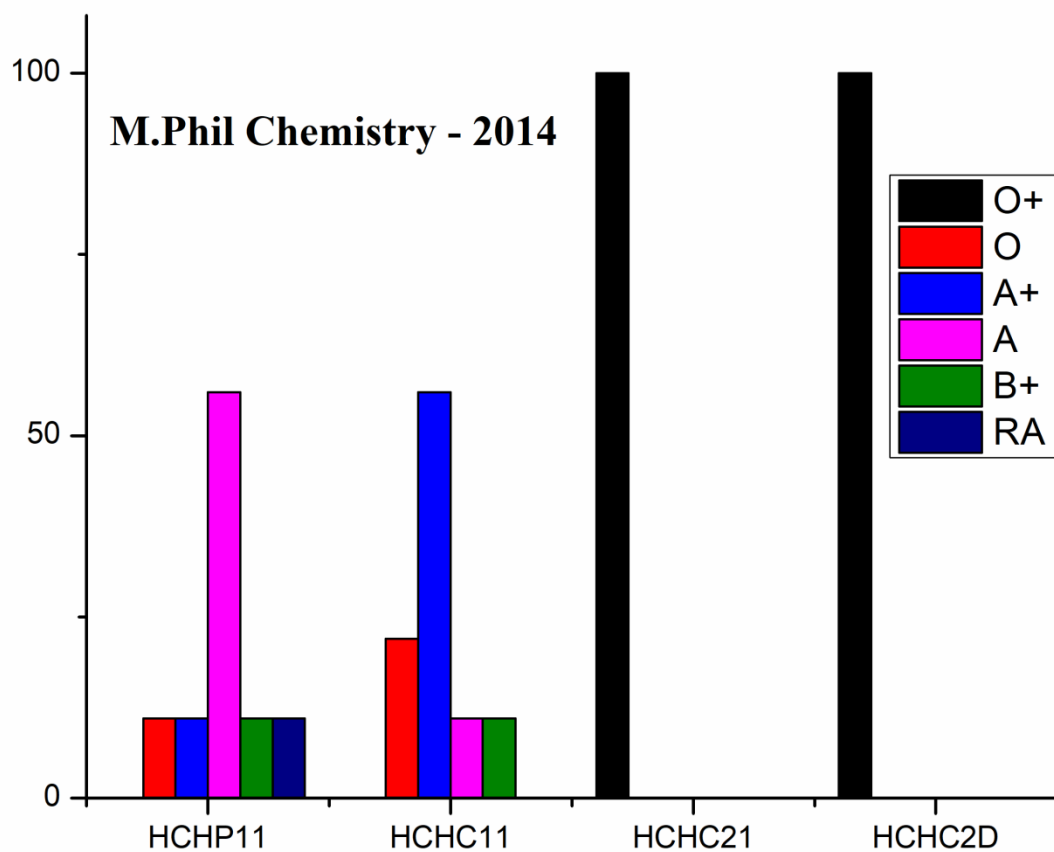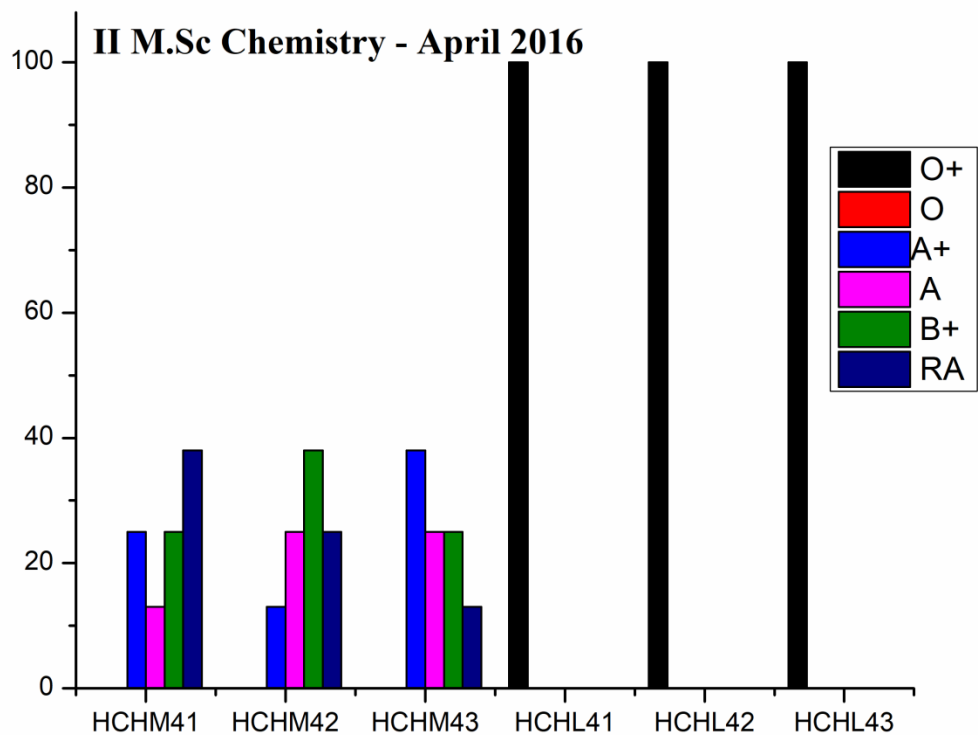
NOVEMBER 2015 RESULT ANALYSIS
B. Sc . CHEMISTRY (SEMESTER IIi)

APRIL 2016 RESULT ANALYSIS
B. Sc . CHEMISTRY (SEMESTER IV)

NOVEMBER 2015 RESULT ANALYSIS
B. Sc . CHEMISTRY (SEMESTER V)

APRIL 2016 RESULT ANALYSIS
B. Sc. CHEMISTRY (SEMESTER VI)

I M.Sc Chemistry - Nov 2015

II M.Sc Chemistry - Nov 2015

I M.Sc Chemistry - April 2016

II M.Sc Chemistry - April 2016

M.Phil Chemistry - 2014

The details of outgoing students that are appeared as well as passed in the April 2016 University examinations, are given in the below table:

	Batch	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
B.Sc.	2013 – 2016	22	9	40.91
M.Sc. (SF)	2014 – 2016	08	05	62.50
M.Phil.	2014 – 2015	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 asked to write job oriented online exams (like NPTEL, etc.,) for better placements.
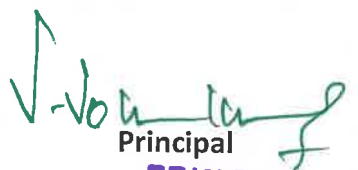
- Syllabus for Research domain and self-learning courses may be clearly defined and it may include more areas.

- 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

Chair Person Dr. P. Muthuselvan M.Sc., M.Phil., Ph.D. Associate Professor of Chemistry, St. John's College, Palayamkottai 627 002, Tamil Nadu. Mob.: +91 99441 07638, e-mail id: jackmuthu@gmail.com	Dr.P.MUTHUSELVAN M.Sc. M.Phil.,Ph.D. HEAD, DEPARTMENT OF CHEMISTRY ST.JOHNS COLLEGE PALAYAMKOTTAI - 627 002
Co-ordinator Mr. P. Rajesh Ananthaselvan, St. John's College, Palayamkottai 627 002, Tamil Nadu. Mob.: 9443418802 e-mail id: rajeshananthaselvan@gmail.com	Mr. P. Rajesh Anantha Selvan M.Sc., M.E., Asst. Professor Department of Chemistry St. John's College Palayamkottai - 627 002.
Subject Expert – 1 Dr. T. Peter Amaladhas, Associate Professor, Dept. of Chemistry, VOC College, Tuticorin Mob.: +91 9487610876 e-mail id: peteramaladhas@gmail.com	Dr. T. PETER AMALADHAS Ph.D., Associate Professor of Chemistry V.O.Chidambaram College Tuticorin - 628 008.
Subject Expert – 2 Dr. J. Shakina, Assistant Professor, Dept. of Chemistry, Sarah Tucker College , Palayamkottai. Mob.: +91 9384218533 e-mail id: shakinajudson@gmail.com	Dr. J. SHAKINA, M.Sc.,M.Phil.,Ph.D.,NET Asst. Professor & Research Supervisor Dept. of Chemistry & Research Center Sarah Tucker College (Autonomous) Tirunelveli - 627 007
Industrial Expert Mr. M. Palanisamy, General Manager, ETA Powergen Pvt. Ltd. Sattur, Tamilnadu. Mobile: 7867098351	For ETA Powergen Pvt. Ltd. M. Palanisamy General Manager

IQAC Coordinator

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

Principal
PRINCIPAL
St. JOHN'S COLLEGE
PALAYAMKOTTAI - 627 00

21

Annual

Academic

Audit Report

2015-16

Department of Botany

7th & 8th March 2016

Table of Contents

DEPARTMENT OF BOTANY
Academic Audit Report 2015-2016

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 7th and 8th March 2016.

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: profstalinalexis@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 (2015- 2016)

Day I (07.03.2016)

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 (08.03.2016)

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 - 09 Regular – 08, Ad hoc – 1 Men (R) - 6 Women (R) - 3
Qualification	Ph. D (R) - 5, Ph. D pursuing - 3 M. Sc., M. Phil - 1
NET/SET Qualified	SET/NET(R) – Nil Ad hoc - 1

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	20
2.	Dr. TJS Rajakumar	Associate Professor	M.Sc., M.Phil., Ph. D	Research Supervisor	22/07/1983	32
3.	Dr. P. Annie Sulochana Selvakumari	Associate Professor	M.Sc., SET, Ph. D	-	17/06/1996	19
4.	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	17
5.	Dr. D. Amish Abragam	Associate Professor	M.Sc., M.Phil., Ph. D M.A., B.Ed.,	Principal In-Charge Vice- Principal Director-Self Finance Botany Association Co-ordinator, Co-ordinator of Red Ribbon Club Research Supervisor	21/06/1999	16
6.	Mrs. P. Kannimozhi Celina	Assistant Professor	M.Sc., M.Phil.,	Chaplain	30/08/2006	09
7.	Mr. A. Pauldurai Samraj	Assistant Professor	M.Sc., M.Phil.,	Co-ordinator, Nature Club	29/08/2006	09
8.	Mr. S. Paul David Selson	Assistant Professor	M.Sc., M.Phil.	Co-ordinator in Environment Club and Botany Association	29/05/2009	06
9.	Mr. D. Abiya Chelliah (Ad hoc)	Assistant Professor	M.Sc., SET	-	05/01/2016	-

6

6.2 Research & Consultancy Projects and Publications

1. **Rajakumar TJS** and **Selvakumari R**. *Anisomeles tirunelveliensis* – A new species of Lamiaceae from Tirunelveli District, Tamil Nadu, India. *Indian J. Forestry*, Vol. 37(4): 423-424.

2. **Rajakumar TJS** and **Selvakumari R**. Four new additions to the flora of Agasthyamalai Biosphere Reserve, Tamil Nadu, India. *Indian J. Forestry*, 38 (1): 61-62.

3. **P Annie Sulochana Selvakumari**. Pharmacognostical standardization of *Arisaema leschenaultii* Blume. *Indian Journal of Natural Products and Resources*. e-ISSN: 0976-0512 p-ISSN:0976-0504. http://nopr.niscair.res.in/bitstream/123456789/31949/1/IJNPR%206%282%29%20143-152.pdf

4. Darwin Paul Edison.S, **Amish Abragam.D**, and Vijila.S. 2015. Avifaunal diversity of Suthamalli pond , Tirunelveli district, Tamilnadu. *RAC.J.Res.* 2(11): 37-42. ISSN : 2230-7362.

5. Darwin Paul Edison S**, Amish Abragam D** and Vijila S. Terrestrial avifauna of St.John's College campus, Tirunelveli District, Tamilnadu, India. *International Journal of Advanced Research*. ISSN 2320-5407. http://www.journalijar.com/uploads/179_IJAR-8035.pdf

Detailed list of Journal volumes/ books edited (with ISSN)
1. **D. AbiyaChelliah (2015).** Journal of Research in Biology – Volume 5. Redolence Academic Services, India. **ISSN: 2231 –6280**
2. **D. AbiyaChelliah (2015).** Journal of Research in Agriculture-Volume 3. Redolence Academic Services, India. **ISSN:** 2319-166X

Seminars/Symposiums/Workshops participated:
o **Pauldurai Samraj, A**., Manoharan, P. T and Shanmugaiah, V. 2016**.** Pyoleuteorin is a promising contributor to biocontrol of *Fusarium oxysporum* RACE4 produced by indigenous strain of *Pseudomonas* sp VCDB105**.** International conference on Biodiversity and bioactive natural products for human welfare – 2016, Feb 10 – 12, 2016, held at Research Department of Botany, Government Arts College, Karur, Tamil Nadu.
o **Dr. D. AbiyaChelliah:** UGC & IQAC sponsored National seminar on Recent Trends in Biological Research (RTBR – 2016) (4 March 2016) at Research Departments of Botany and Zoology, St. John's College, Palayamkottai.

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	Head & Associate Professor	**504.5**
2.	Dr. TJS Rajakumar	Associate Professor	**-**
3.	Dr. P. Annie Sulochana Selvakumari	Associate Professor	**256.5**
4.	Dr. R. Selvakumari	Associate Professor	**433**
5.	Dr. D. Amish Abragam	Associate Professor	**576.5**
6.	Mrs. P. Kannimozhi Celina	Assistant Professor	**329**
7.	Mr. A. Pauldurai Samraj	Assistant Professor	**408**
8.	Mr. S. Paul David Selson	Assistant Professor	**255**
9.	Mr. D. Abiya Chelliah (Ad hoc)	Assistant Professor	**-**

7. Students' Profile

7.1 Student's Statistics for the year 2015-2016

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		Christian		Muslim				
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
I B.Sc	0	5	0	1	0	0	1	9	3	1	1	0	1	0	2	7	0	0	8	23	31
I M.Sc	2	4	0	0	0	0	0	1	1	0	0	0	0	0	0	4	0	0	3	9	12
	2	**9**	**0**	**1**	**0**	**0**	**1**	**10**	**4**	**1**	**1**	**0**	**1**	**0**	**2**	**11**	**0**	**0**	**11**	**32**	**43**
Total	11		1		0		11		5		1		1		13		0		43		

7.2 List of the student representatives

S. No.	Degree	Name of the student representative
1.	**I B.Sc Botany**	M. Indhu Bala Ramani
2.	**II B.Sc Botany**	K. Regila
3.	**III B.Sc Botany**	S.P. Jeyachitra
4.	**I M.Sc Botany**	C. Beril Boomani
5.	**II M.Sc Botany**	P. Sivakumar

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	-
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	-

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.	2013 – 2016	17	7	1
M.Sc.	2014 – 2016	9	1	1

7.5 Student's Activity

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.a nd U.G. students also involved in off – campus programs (21 programs).

Five Educational visits were conducted in this even semester and staff/student co-operations have increased tremendously.

The details of the students, staffs and programs are given in Annexure I, II and III.

Our staff members were actively involved in conducting Natural/State level seminars. They also participated and presented papers in International, National and State level seminars. Our staff Prof Paul Durai Samraj got Best presentation award both in poster and oral presentation conducted at Govt. Arts College, Karur, in Oct 2015.

9

List of Academic Programs

S. No	Name of the Program	Name of the Participants	Name of the staffs	Prize	Date
1.	Quiz Competition for Botany students M.S. University in Tirunelveli	III.B.Sc., Botany students S. Esakkiammal G. Muppidathi @ Usha	Mr. A. Paul Durai Samraj	I Prize Rs.6000 /- cash prize	26.02.16
2.	Glorisa 2016 Sri Parasakthi College	S.Esakkiammal G. Muppidathi @ Usha	Mr. A. Paul David Selson	I Prize	29.02.16
3.	Flower Arrangement	V. Sujatha	-	-	-
4.	Photography	S. Esakkiammal V. Sujatha			
5.	The American College, Madurai.	P. Sivakumar	Mr. S. Paul David Selson	-	14.03.2016
6.	Face Painting Competition American College, Madurai.	M. Muthukumar M. Indhu Bala Ramani	Mr. S. Paul David Selson	2	-
7.	Mono act American college Madurai.	M. Muthukumaran	Mr. S. Paul David Selson	-	-
8.	Poster Presentation	Indhu Bala Ramani	Mr. S. Paul David Selson	-	-
9.	Art from Seed	Ishwarya Jothi	Mr. S. Paul David Selson	-	-
10.	Taste and List	P. Sivakumar	Mr. S. Paul David Selson	II Prize	-
11.	Collection of Medicinal Plants, St.Xaviour's College	S. Esakiammal G. Muppudathi @ Usha M. Muthurani V. Sujatha	-	-	09.02.2016

List of Non-academic programs

S. No.	Name of the program	Name of the participants	Name of the staffs	Prize
1.	Two days program on employability skills, St. John's College Palayamkottai	M. Indhu Bala Ramani I-B.Sc., Botany	-	-
2.	Dance Competition, Women's Christian college	G. Elisabeth Sarojini I B.Sc., Botany	-	II
3.	G. Venkataswamy Naidu college	G. Elisabeth Sarojini	-	-
4.	Collection of Medicinal Plants	G. Elisabeth Sarojini	-	-
5.	V.O.C College – Thoothukudi	G. Elisabeth Sarojini	-	-
6.	Painting workshop St. John's College, Palayamkottai.	S. Gomathi Mala	-	-
7.		G. Elisabeth Sarojini I B.Sc., Botany	-	-
8.	Republic day	V. Rajaselvi@ Parameshwari I B.Sc., Botany	-	-
9.	Independence day	V. Rajaselvi@ Parameshwari I B.Sc., Botany	-	-
10.	Women's day	V. Rajaselvi@ Parameshwari I B.Sc., Botany	-	-
11.	Pongal celebration	V. Rajaselvi@ Parameshwari I B.Sc., Botany	-	-
12.	GVN College	V. Rajaselvi@ Parameshwari I B.Sc., Botany	-	-
13.	F.M. Radio Program	V. Rajaselvi@ Parameshwari I B.Sc., Botany	-	-
14.	Raj T.V - Agada vigadam	V. Rajaselvi@ Parameshwari I B.Sc., Botany	-	-
15.	News 7channal-ungalilyar muthalvar	V. Rajaselvi@ Parameshwari I B.Sc., Botany	-	-

S. No.	Name of the Program	Name of the Participants	Name of the Staff	Date
16.	Speech competition	V. Rajaselvi @ Parameshwari I B.Sc., Bot	-	-
17.	News -7 channel Xavier's college	S. Ajitha I B.Sc., Botany	-	-
18.	Pongal festival essay writing	S. Ajitha I B.Sc., Botany	-	-
19.	F. M. Radio Dance Competition	C. B. Ambika I-B.Sc., Botany	-	-
20.	Women's day celebration	C. B. Ambika I-B.Sc., Botany	-	-
21.	Republic day essay writing	S. Ajitha I B.Sc., Botany	-	-
22.	Women's day celebration Flower arrangement	Botany students	-	-
23.	Village adoption program-Paraikulam, Melaputhaneri, Vasavappapuram.	I B.Sc., Botany	Mr. S. Paul David Selson & Mr. D. Abiya Chelliah	-

List of Educational Visits

S. No.	Name of the Program	Name of the Participants	Name of the Staff	Date
1.	Educational Visit to Ooty	II B.Com.,	Mr. Paul David Selson & Mr. Stanley.	04.02.2016
2.	Study tour to Chezhumbu thoppu at puliyankudi	III B.Sc., Botany, II M.Sc., Botany, Students	Mr. S. Paul David selson & Mr. D. Abiya chelliah	13.02.2016
3.	Study Tour to Kerala	III .B.Sc., Botany, Students	Mr. A. Paul Durai samraj, Mr. P. Kanimozhi Celina	4,5,6/4/2016
4.	Algal Collection (Manapadu) Tour	12 Students (Botany)	Dr. Rajkumar Dr. Selva kumari.	05.10.2015
5.	Tour for taxonomy (Tirurandram)	12 Students	Dr. Rajkumar Dr. Selva kumari.	-
6.	Educational Visit to Tiruvananthapuram	II B.Sc., Zoology	Mr. Paul David Selson	02.03.2016
7.	Educational Visit Tiruparapu, Thottipalam and Petchiparai Dam	I B.Sc., Botany	Mr. Paul David Selson	09.04.2016

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	G1TL11	6	3
Part II English	English	G2EN11	6	3
Part III Core Subjects 1	Cell Biology, Anatomy and Microtechniques	GMPB11	5	4
Part III Core Subjects 2	Algae, Bryophytes & Algal Biotechnology	GMPB12	5	4
Part III Allied Subject I	Zoology	GAZO11	6	4
Part IV Environmental Studies	Environmental Studies	GEVS11	2	2
Total (6 Courses)			**30**	**20**

UG – II Semester

Components	Subject Name	Subject Code	Hours	Credits
Part I Tamil	Tamil	G1TL21	6	3
Part II English	English	G2EN21	6	3
Part III Core Subject 3	Mycology, Plant Pathology and Lichenology	GMPB21	4	4
Part III Core Subject 4	Microbial Biotechnology	GMPB22	4	4
Part III Core Practical 1	Core Practical 1	GMPBP1	2	2
Part III Allied Subject II	Zoology	GAZO21	4	4
Part III Allied Practical 1	Zoology Practical 1	GAZOP1	2	2
Part IV Value Based Education	Value Based Education	GVBE21	2	2
Total (8 Courses)			**30**	**24**

UG – III Semester

Components	Subject Name	Subject Code	Hours	Credits
Part I Language	Tamil	G1TL31	6	3
Part II English	English	G2EN31	6	3
Part III Core Subjects 5	Pteridophytes, Gymnosperms and Paleobotany	GMPB31	6	4
Part III Allied Subject	Allied Subject III	GACH11	4+2	4
Part IV Skill Based Subject I	Floriculture / Organic Farming	GSPB3B	4	4
Part IV Non Major Elective	Gardening and Garden management / Mushroom and Seaweed culture	GNZO3A	2	2
Total (6 Courses)			**30**	**20**

UG – IV Semester

Components	Subject Name	Subject Code	Hours	Credits
Part I Tamil	Tamil	G1TL41	6	3
Part II English	English	G2EN41	6	3
Part III Core Subjects 6	Developmental Botany and Experimental Embryology	GMPB41	4	4
Part III Core Practical II	Pteridophytes, Gymnosperms, Paleobotany, Developmental Botany and Experimental Embryology	GMPBP2	2	2
Part III Allied Subject IV	Allied Chemistry	GACH21	4	4
Allied Practical	Allied Chemistry Practical	GACHP1	2	2
Part IV Skill Based Subject II	Preservation of Fruits & Vegetables / Herbal Biotechnology	GSPB4A	4	4
Part IV Non Major Elective	Botany for competitive Examinations / Bioresources	GNZO4A	2	2
Part IV Extension activity (NCC, NSS, YRC, YWF)		G5EA41	-	1
Total (9 Courses)			**30**	**25**

UG – V Semester

Components	Subject Name	Subject Code	Hours	Credits
Part III Core Subjects 7	Taxonomy	GMPB51	4 +3	4
Part III Core Subjects 8	Biochemistry	GMPB52	4+3	4
Part III Major Elective I	Techniques in Biotechnology / Forestry	GMPB5A	5+1	5
Part III Major Elective II	Marine Biotechnology / Horticulture & Plant Breeding	GMPB5D	5+1	5
Part IV Skilled based Subject III	Effective Communication / Personality Development	GCSB5A	4	4
Total (5 courses)			**30**	**22**

UG – VI Semester

Components	Subject Name	Subject Code	Hours	Credits
Part III Core Subjects 9	Plant Physiology	GMPM61	6	6
Part III Core Subjects 10	Genetics, Biometrics & Bioinformatics	GMPB62	6	6
Part III Core Subjects 11	Applied Biotechnology	GMPB63	5	4
Part III Major Elective III	Environmental Biotechnology / Computer Applications	GMPB6B	5	5
Part III Core Practical 3	Taxonomy and Elective I & II	GMPBP3	3	3
Part III Core Practical 4	Biochemistry, Genetics & Biometrics	GMPBP4	3	3
Part III Core Practical 5	Plant Physiology & Applied Biotechnology	GMPBP5	2	2
Total (7 courses)			**30**	**29**

8.2 PG Programme Structure

PG – I Semester

Components	Subject Name	Subject Code	Hrs	Credits
Core Subject I	Plant Diversity I- Algae, Fungi, Lichens and Bryophytes.	HBOM11	8	5
Core Subject II	Anatomy and Embryology of Angiosperms	HBOM12	8	5
Core Subject III	Microbiology and Plant Pathology	HBOM13	8	5
Elective I	Medicinal Botany and Pharmacognosy	HBOE11	6	5
Total (4 Courses)			**30**	**20**

PG – II Semester

Components	Subject Name	Subject Code	Hrs	Credits
Core Subject IV	Plant Diversity II- Pteridophytes, Gymnosperms and Paleobotany	HBOM21	8	4
Core Subject V	Taxonomy of Angiosperms	HBOM22	8	4
Core Subject VI	Genetics and Molecular Biology	HBOM23	8	4
Elective II	Computer Applications and Bioinformatics	HBOE21	6	5
Practical I	Algae, Fungi, Lichens, Bryophytes, Anatomy, Embryology of Angiosperms, Microbiology and Plant Pathology	HBOL21	-	4
Practical II	Pteridophytes, Gymnosperms, Paleobotany, Taxonomy of Angiosperms, Genetics and Molecular Biology	HBOL22	-	4
Total (6 Courses)			**30**	**25**

PG - III Semester

Components	Subject Name	Subject Code	Hrs	Credits
Core Subject VII	Biochemistry and Biophysics	HBOM31	8	5
Core Subject VIII	Research Methodology	HBOM32	8	5
Core Subject IX	Plant Biotechnology	HBOM33	8	5
Project	Project	HBOP31	6	5
Total (4 Courses)			**30**	**20**

PG - IV Semester

Components	Subject Name	Subject Code	Hrs	Credits
Core Subject X	Plant Physiology	HBOM41	8	4
Core Subject XI	Environmental Biology	HBOM42	8	4
Core Subject XII	Applied Biotechnology	HBOM43	8	4
Elective III	Mushroom Cultivation	HBOE41	6	5
Practicals III	Biochemistry, biophysics and Research Methodology	HBOL41	-	4
Practicals IV	Plant physiology, Plant Biotechnology, Environmental Biology and Applied Biotechnology	HBOL42	-	4
Total (6 Courses)			30	25

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 2015 and April 2016 University examinations are represented graphically:

I B.Sc Botany: I Semester

Components	Subject Name	Subject Code	% of Pass
Part I Tamil	Tamil	G1TL11	87%
Part II English	English	G2EN11	74%
Part III Core Subjects 1	Cell Biology, Anatomy and Microtechniques	GMPB11	52%
Part III Core Subjects 2	Algae, Bryophytes & Algal Biotechnology	GMPB12	78%
Part III Allied Subject I	Allied Zoology	GAZO11	74%
Part IV Environmental Studies	Environmental Studies	GEVS11	99%
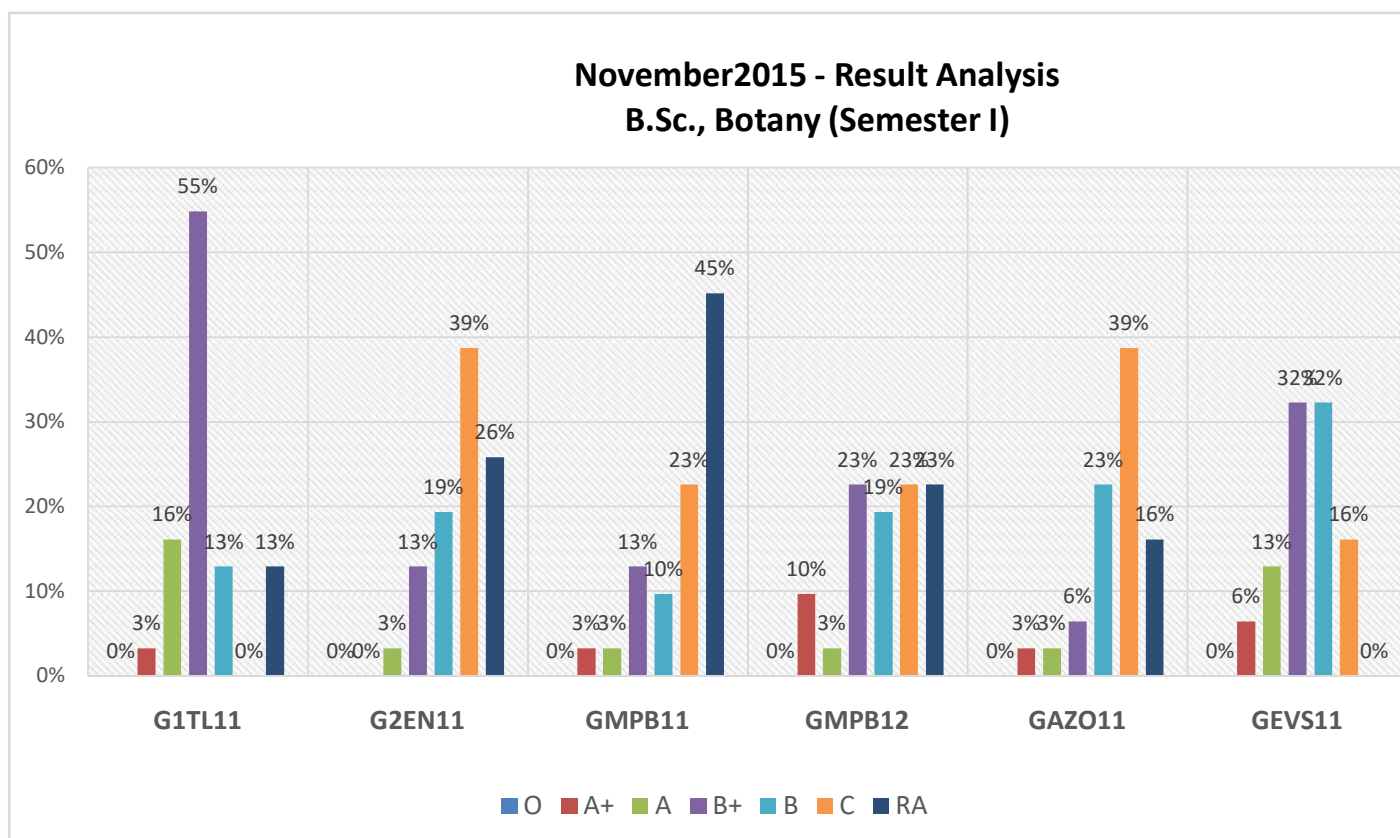
- The results revealed that the pass percentage is ranged in between 74% to 99%, except in one subject.
- 20% of the students have passed with 'B' class, variably in all subjects.
- In Tamil, more than 55% of the students have secured 'B'+ Grade.

18

I B.Sc Botany: II Semester

Components	Subject Name	Subject Code	% of Pass
Part I Tamil	Tamil	G1TL21	94%
Part II English	English	G2EN21	72%
Part III Core Subject 3	Mycology, Plant Pathology and Lichenology	GMPB21	86%
Part III Core Subject 4	Microbial Biotechnology	GMPB22	62%
Part III Core Practical 1	Core Practical 1	GMPBP1	100%
Part III Allied Subject II	Zoology	GAZO21	83%
Part III Allied Practical 1	Zoology Practical 1	GAZOP1	100%
Part IV Value Based Education	Value Based Education	GVBE21	100%

April 2016 - Result Analysis
B.Sc., Botany (Semester II)
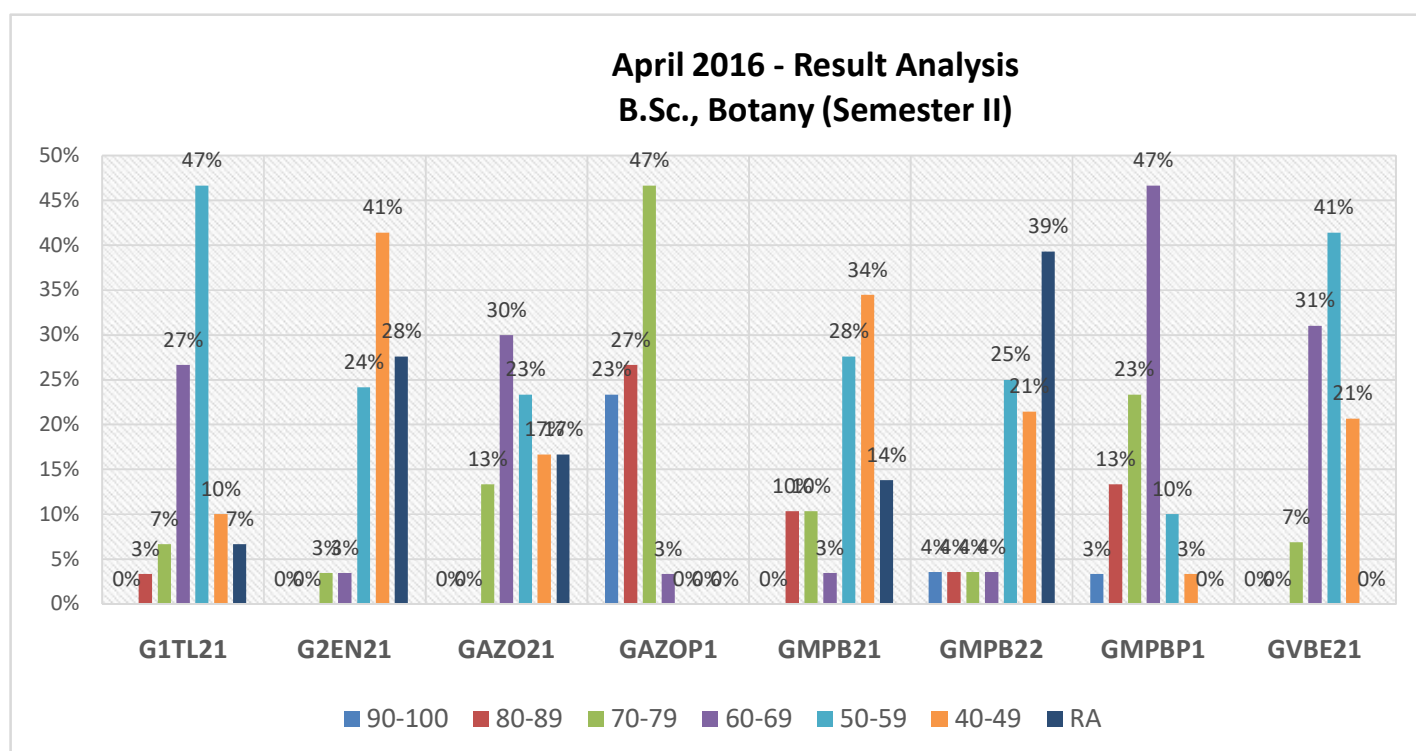
- The result highlights that, the overall pass percentage is ranged in between 62% to 100%.

- The comparative analysis revealed that around 47% of the students have passed with second class, except in few subjects.

Components	Subject Name	Subject Code	% of Pass
Part I Language	Tamil	G1TL31	100%
Part II English	English	G2EN31	80%
Part III Core Subjects 5	Pteridophytes, Gymnosperms and Paleobotany	GMPB31	63%
Part III Allied Subject	Allied Subject III	GACH11	52%
Part IV Skill Based Subject I	Floriculture / Organic Farming	GSPB3B	83%
Part IV Non Major Elective	Gardening and Garden management / Mushroom and Seaweed culture	GNZO3A	100%

November 2015 - Result Analysis
B.Sc., Botany (Semester III)
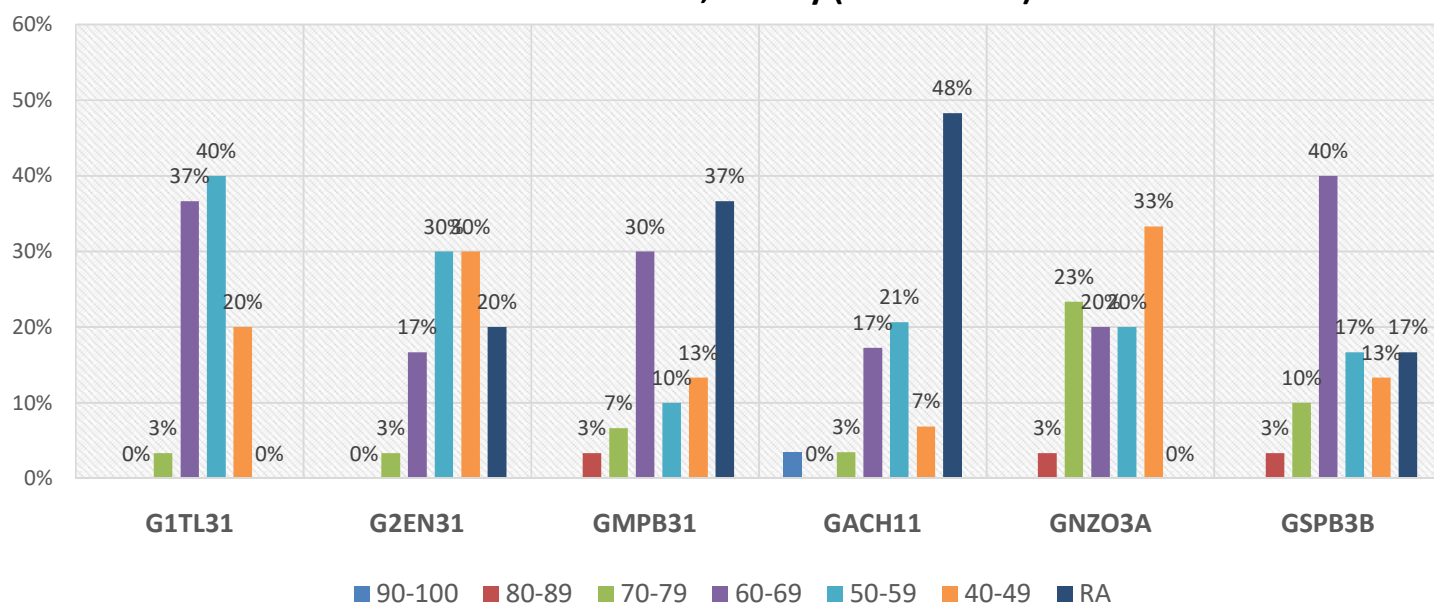
- The overall pass percentage is ranged in between 80% -100%, except in few subjects.

- Around 17% to 37% of the students have passed in B+ and B Grade, invariably in all subjects.

Components	Subject Name	Subject Code	% of Pass
Part I Tamil	Tamil	G1TL41	93%
Part II English	English	G2EN41	58%
Part III Core Subjects 6	Developmental Botany and Experimental Embryology	GMPB41	67%
Part III Core Practical II	Pteridophytes, Gymnosperms, Paleobotany, Developmental Botany and Experimental Embryology	GMPBP2	100%
Part III Allied Subject IV	Allied Chemistry	GACH21	52%
Part III Allied Practical	Allied Chemistry Practical	GACHP1	100%
Part IV Skill Based Subject II	Preservation of Fruits & Vegetables / Herbal Biotechnology	GACHP1	90%
Part IV Non Major Elective	Botany for competitive Examinations / Bioresources	GSPB4A	90%
Part IV Extension activity (NCC, NSS, YRC, YWF)		GNZO4A	100%

April 2016 - Result Analysis
B.Sc., Botany (Semester IV)
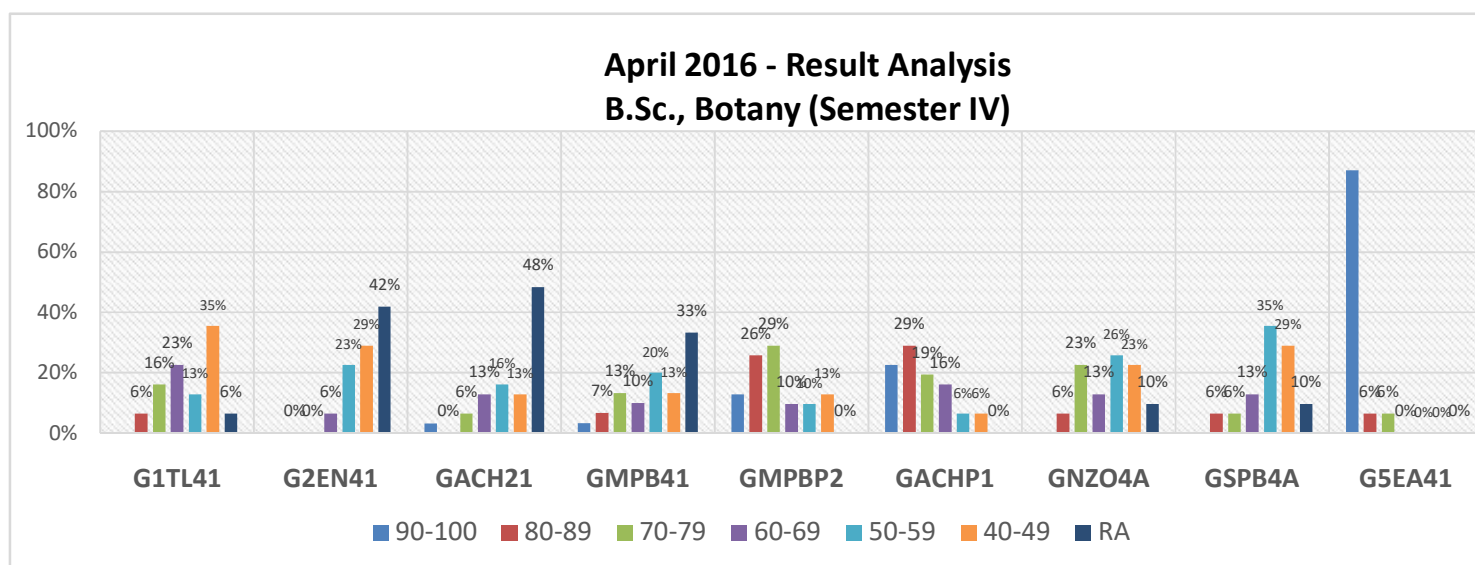
- The overall pass percentage is ranged in between 90% - 100%, except in few subjects.

- The comparative study revealed that around 20% of the students have secured first class in many subjects.

UG – V Semester

Components	Subject Name	Subject Code	% of Pass
Part III Core Subjects 7	Taxonomy	GMPB51	86%
Part III Core Subjects 8	Biochemistry	GMPB52	85%
Part III Major Elective I	Techniques in Biotechnology / Forestry	GMPB5A	89%
Part III Major Elective II	Marine Biotechnology / Horticulture & Plant Breeding	GMPB5D	89%
Part IV Skilled based Subject III	Effective Communication / Personality Development	GCSB5A	100%

November2015 - Result Analysis
B.Sc., Botany(Semester V)
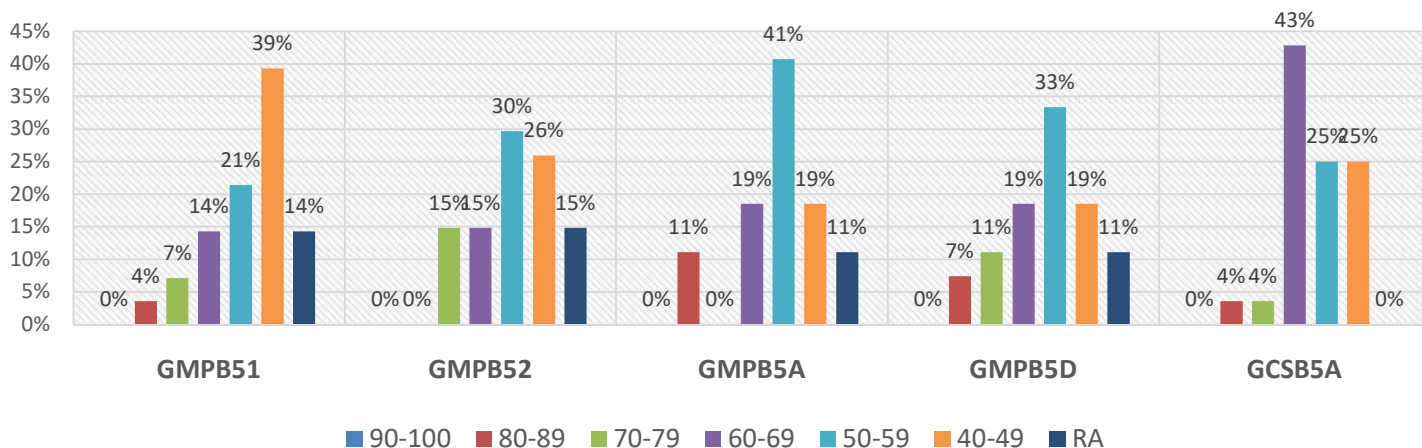
- The overall pass percentage is ranged in between 80% -100%.

- The comparative study revealed that around 20% of the students have secured first class marks in many subjects.

- In Skill based subject, 43% of the students have secured first class.

Components	Subject Name	Subject Code	% of Pass
Part III Core Subjects 9	Plant Physiology	GMPM61	96%
Part III Core Subjects 10	Genetics, Biometrics & Bioinformatics	GMPB62	96%
Part III Core Subjects 11	Applied Biotechnology	GMPB63	93%
Part III Major Elective III	Environmental Biotechnology / Computer Applications	GMPB6B	79%
Part III Core Practical 3	Taxonomy and Elective I & II	GMPBP3	100%
Part III Core Practical 4	Biochemistry, Genetics & Biometrics	GMPBP4	100%
Part III Core Practical 5	Plant Physiology & Applied Biotechnology	GMPBP5	100%

April 2016 - Result Analysis
B.Sc., Botany (Semester VI)
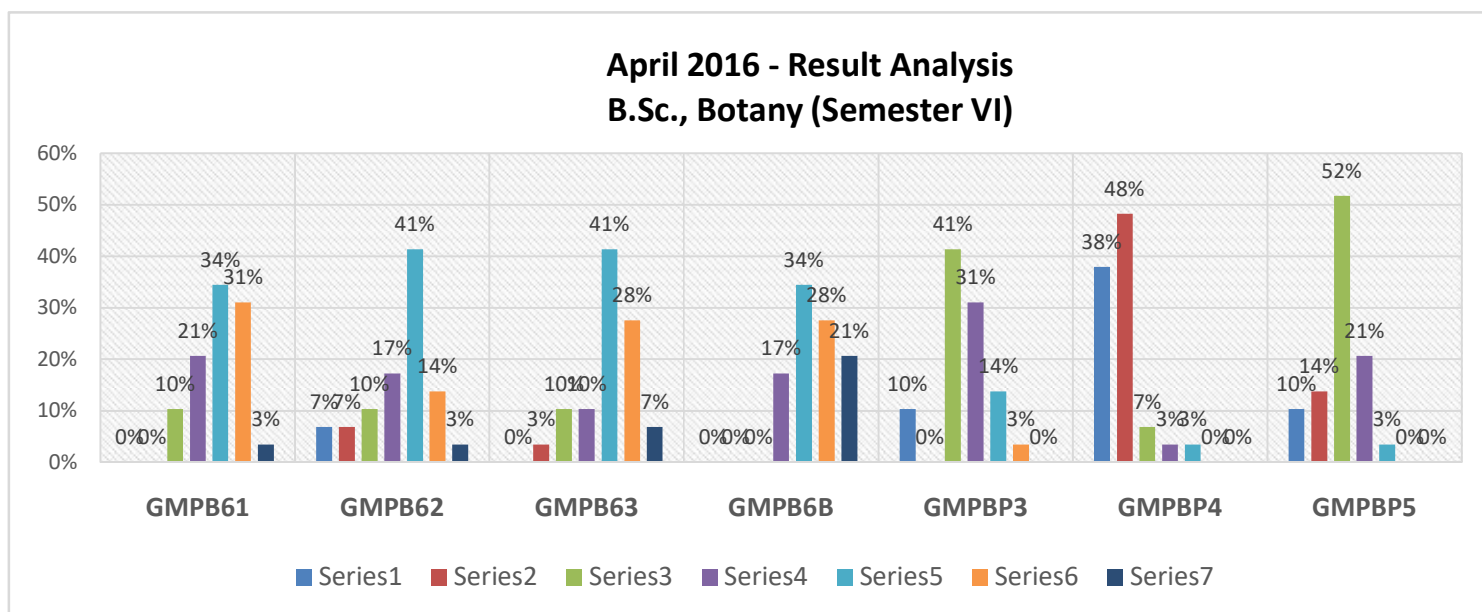
- The overall pass percentage is ranged in between 93% -100%, except in one subject.
- The comparative study revealed that around 20% of the students have secured first class marks in many subjects.
- In elective paper, 41% of the students have secured first class.

PG – I Semester

Components	Subject Name	Subject Code	% of Pass
Core Subject I	Plant Diversity I- Algae, Fungi, Lichens and Bryophytes.	HBOM11	100%
Core Subject II	Anatomy and Embryology of Angiosperms	HBOM12	100%
Core Subject III	Microbiology and Plant Pathology	HBOM13	100%
Elective I	Medicinal Botany and Pharmacognosy	HBOE11	100%

NOVEMBER 2015 - Result Analysis
M.Sc., BOTANY - (Semester I)
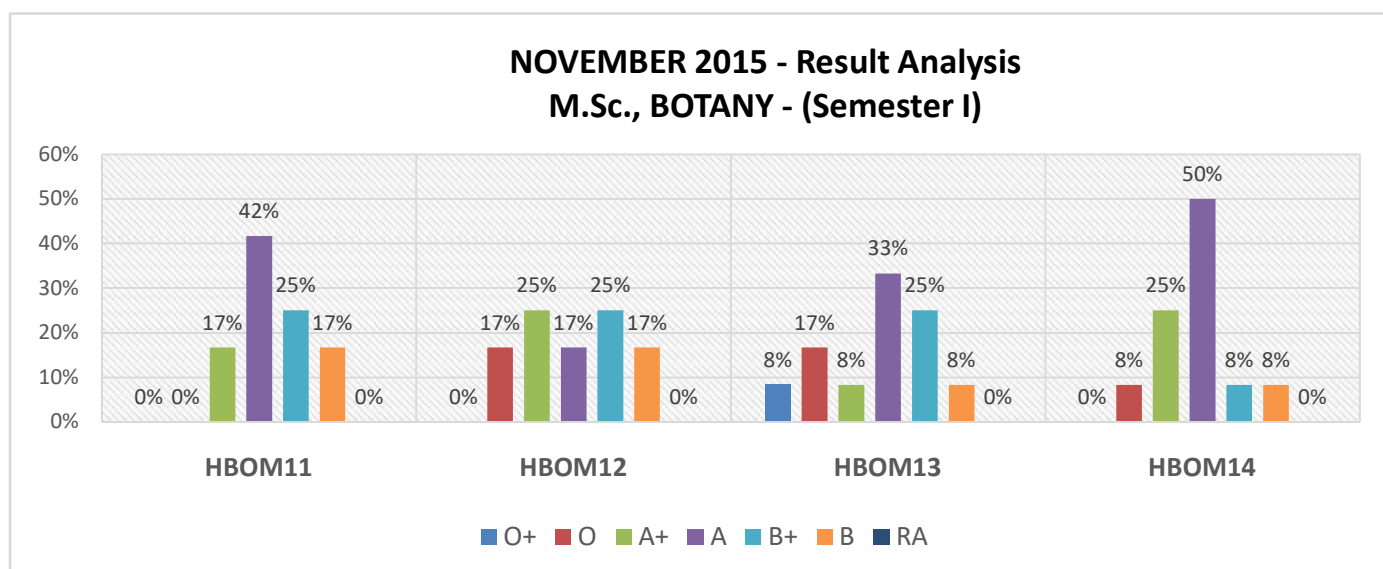
- In this Semester, all the students have passed in all subjects.

- The comparative study revealed that around 20% of the students have secured 'A+' Grade in almost all the subjects.

24

Components	Subject Name	Subject Code	% of Pass
Core Subject IV	Plant Diversity II- Pteridophytes, Gymnosperms and Paleobotany	HBOM21	41%
Core Subject V	Taxonomy of Angiosperms	HBOM22	100%
Core Subject VI	Genetics and Molecular Biology	HBOM23	100%
Elective II	Computer Applications and Bioinformatics	HBOE21	100%
Practical I	Algae, Fungi, Lichens, Bryophytes, Anatomy, Embryology of Angiosperms, Microbiology and Plant Pathology	HBOL21	100%
Practical II	Pteridophytes, Gymnosperms, Paleobotany, Taxonomy of Angiosperms, Genetics and Molecular Biology	HBOL22	100%

APRIL 2016 - Result Analysis
M.SC ., BOTANY - (Semester II)
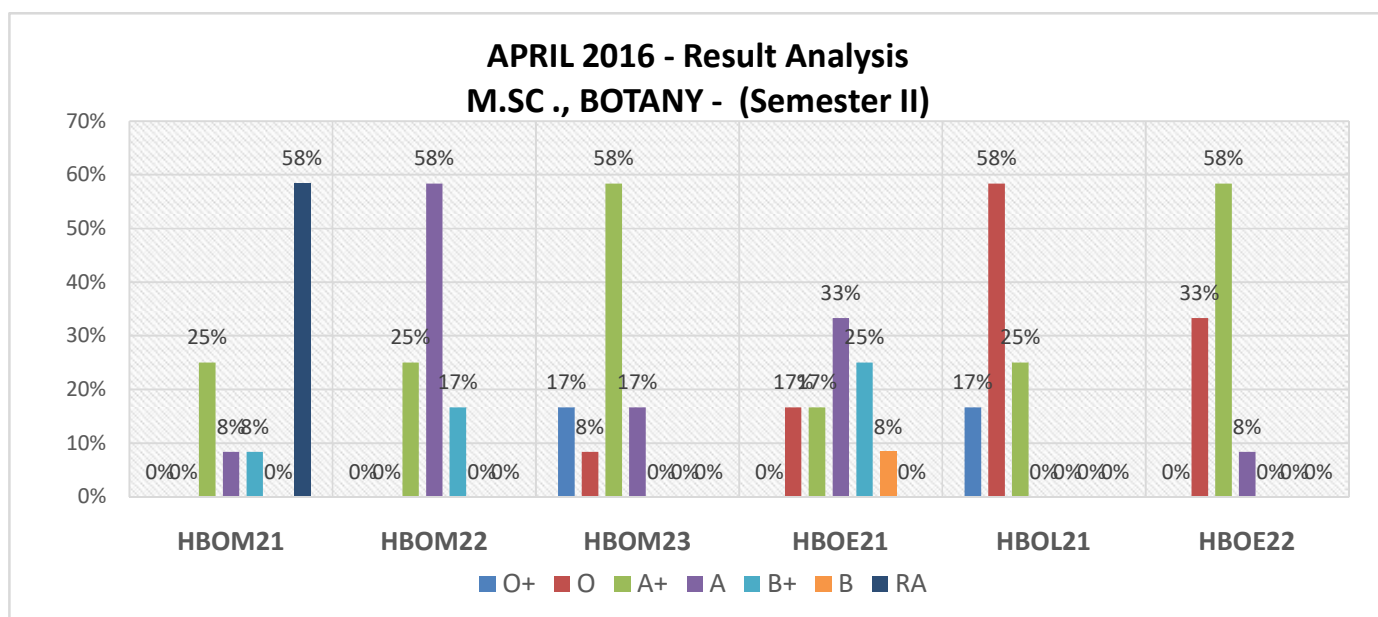
- The overall pass percentage is ranged in between 80% -100%, except in few subjects.

- The result revealed that around 58% of the students have secured 'A' Grade in many subjects.

PG - III Semester

Components	Subject Name	Subject Code	% of Pass
Core Subject VII	Biochemistry and Biophysics	HBOM31	100%
Core Subject VIII	Research Methodology	HBOM32	92%
Core Subject IX	Plant Biotechnology	HBOM33	93%
Project	Project	HBOP31	100%

November 2015 - Result Analysis
M.Sc., BOTANY - (Semester III)
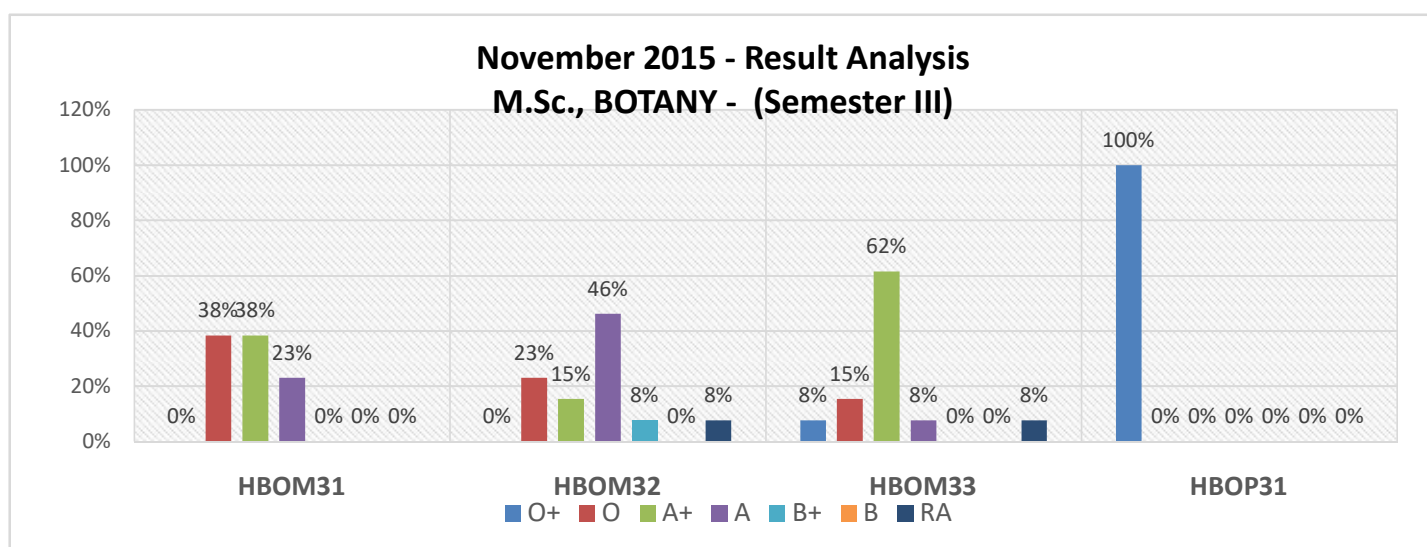
- The results revealed that the pass percentage is ranged in between 93% to 100%.

- Around 58% of the students have secured 'O' Grade in the following subjects viz., HBOM31 and HBOM32.

Components	Subject Name	Subject Code	% of Pass
Core Subject X	Plant Physiology	HBOM41	100%
Core Subject XI	Environmental Biology	HBOM42	100%
Core Subject XII	Applied Biotechnology	HBOM43	62%
Elective III	Mushroom Cultivation	HBOE41	92%
Practicals III	Biochemistry, biophysics and Research Methodology	HBOL41	100%
Practicals IV	Plant physiology, Plant Biotechnology, Environmental Biology and Applied Biotechnology	HBOL42	100%

April 2016 - Result Analysis
M.Sc., BOTANY - (Semester IV)
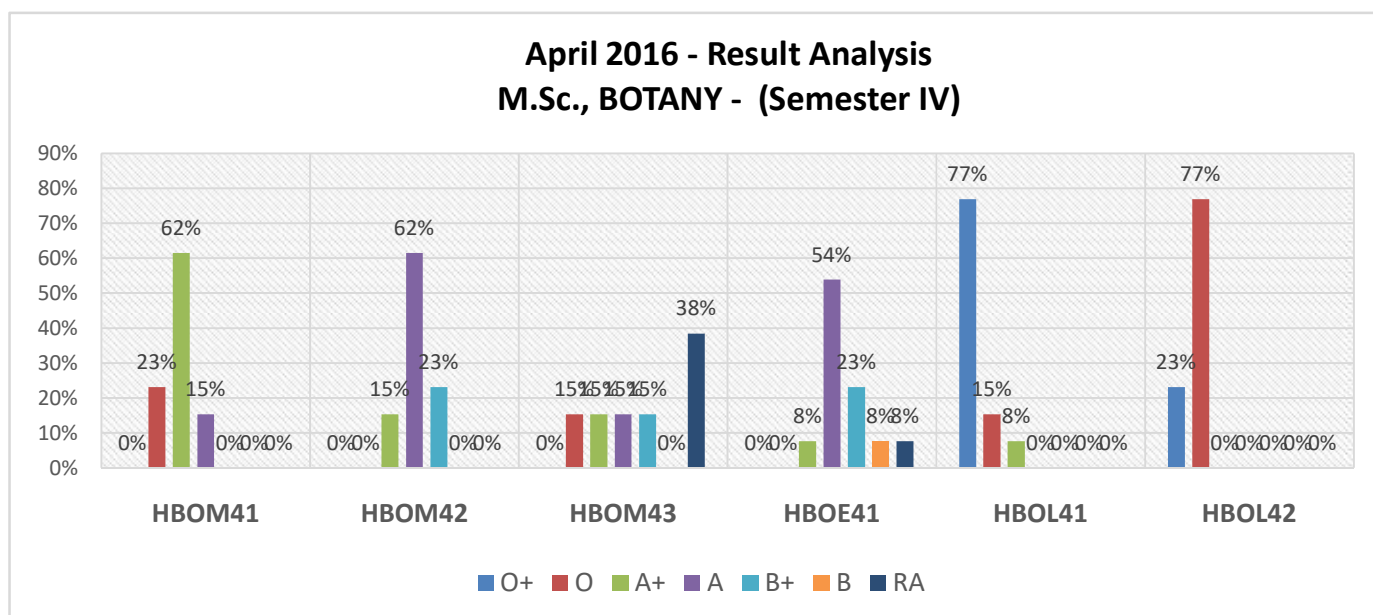
- The overall pass percentage is ranged in between 92% -100%, except in one subject.

- The result revealed that around 54% of the students have secured 'A' Grade in few subjects.

27

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	32	17	53.1%
M.Sc., Botany	16	9	56.2%

The result analysis revealed that the pass percentage of final year B.Sc., students is around 54%, comparatively more than the previous academic year. But, the pass percentage of final year M.Sc., students has decreased significantly when compare with the results of previous academic year.

List of Rank Holders

S.No.	Academic Year	Name of the Student	Name of the course	Rank Obtained
1.	2015 - 2016	P.Mathiarasi	M.Sc., Botany	7
2.	2015-2016	S.Esakkiammal	B.Sc., Botany	10
3.	2015-2016	S.P.Jeyachitra	B.Sc., Botany	17
4.	2015-2016	Reshma V. S.	M.Sc., Botany	2

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.

- PG Students presented research papers in seminar

- 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.
- Meritorious students achievements in getting university rank is appreciated.
- Mentor-Mentee system in the department is appreciated.
- 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.
- 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.

- Faculty members to be encouraged 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

Chair Person Dr. S. Abraham Muthukumar Head, Department of Botany and Research Center, St John's College, Palayamkottai, Tirunelveli- 627002, Tamil Nadu.	
Subject expert-1 Dr. K. Dharmar Associate Professor of Botany, Pasumpon Thiru Muthuramalinga Thevar Memorial College, Kamuthi, Ramanathapuram District.	

Subject expert-2 Dr. A. Saravana Ganthi, Head and Assistant Professor, Department of Botany, Rani Anna Government College for Women, Tirunelveli.	
Industry Expert Mrs. T. Jasmine Dorathy Agriculture Officer Agriculture Department.	
Co-ordinator Mr. A. Pauldurai Samraj, Assistant Professor, Department of Botany, St. John's College, Tirunelveli.	

Principal   **IQAC Coordinator**

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

Subject expert-2 Dr. A. Saravana Ganthi, Head and Assistant Professor, Department of Botany, Rani Anna Government College for Women, Tirunelveli.	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.
Industry Expert Mrs. T. Jasmine Dorathy Agriculture Officer Agriculture Department.	Mrs. T. Jasmine Dora Agriculture Officer Agriculture Departmen Palayamkottai
Co-ordinator Mr. A. Pauldurai Samraj, Assistant Professor, Department of Boatany, St. John's College, Tirunelveli.	A. PAULDURAI SAMRAJ Asst. Prof. of Botany St. John's College, Palayamkottai

Principal

PRINCIPAL
ST. JOHN'S COLLEGE
PALAYAMKOTTAI - 627 002

IQAC Coordinator

IQAC CO-ORDINATOR
ST. JOHN'S COLLEGE
PALAYAMKOTTAI

31

Annual

Academic

Audit Report

2015-16

Department of Zoology

22th August 2016

Table of Contents

1. Introduction

The process of Academic intends to monitor andenhance 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 22thAugust 2015.

2. Objectives of Academic Auditing:

(i)   To define quality of each component of the functionalities.

(ii) To define effectiveness of the 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

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

Chair Person

Dr. H.M Mahilini M.Sc.,M.Phil.,Ph.D.
Associate Professor & Head of Zoology Dept.,
St. John's College,
Palayamkottai 627002,
Tamil Nadu.
Mobile: 9486657814

Co-ordinator

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

Subject Expert-1

Dr.Solavan, MSc.,MPhil.,Ph.D.,
Associate Professor and Head
PasumponMuthuramalingaDevar College,
Melaneelithanalloor.
Mobile: 9488473385
Email: solavansolavan@gmail.com

Subject Expert-2

Dr. Victoria Thangam,MSc.,MPhil.,Phd.
Associate Professor and Head
Rani Anna Government College for Women,
Gandhinagar
Tirunelveli.
Mobile: 9487058006
Email: victoriamanickam@gmail.com

4. Schedule of the Annual Academic Audit

22ndAugust 2015 (Fore noon)	
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 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
After noon	
Timing	**Activity**
02:00 PM – 20:30 PM	Entry Meeting of the Panel in the Department
02:30 PM – 03:30 PM	Visiting Infrastructure

03:30 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 behaviour, 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 layings 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.

5.2 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

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	Verification	Comments
1	Classrooms	yes	6
2	Laboratory	yes	3
3	Reading Room	yes	Available
4	Staff room	yes	Available
5	Research Lab	yes	Available
6	Sericulture	yes	Available
7	Bat house	yes	Available
8	Computers	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
450	3218	6	2

6. Faculty Profile

Faculty Strength	Total Staff – 11 Men – 4 Women – 7
Qualification	Ph.D. – 9 M.Phil. –11 NET – 0 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. H. M. Mahilini	M.Sc., M.Phil.,Ph.D.,	Head & Associate Professor.	9.4.1980	Toxicology.
2	Dr. B. Jawahar Samuel	M.Sc.,MPhil., Ph.D.	Associate Professor	28.3.1990	Endocrinology
3	Dr.Mohanraj Ebenezer	M.A.M.S., M.Ed., M.Phil., Ph.D	Associate Professor	13.12.1995	Limnology
4	Dr. S. Suthakar Isaac	M.Sc., Mphil., Ph.D	Associate Professor	13.12.1995	Chronobiology
5	Dr. M. Rajakumari	M.Sc., B.Ed, M.Phil.,Ph.D	Associate Professor	21.6.1999	Ornithology
6	Dr. Miss. KerenhapEvangelin	M.Sc., Bed., Mphil., Ph.D	Assistant Professor	16.7.2001	Sericulture

7	Dr.Mrs.Ezhilmathi Sophia	M.Sc., M.Ed, M.Phil., Ph.D	Assistant Professor	30.8.2006	Ethology and chemical signalling
8	Dr.Mrs. D.V. SheebaRajakumari	M.Sc., M.Ed, M.Phil., Ph.D	Assistant Professor	30.8.2006	Sericulture
9	Dr. P. Augustus Robince	M.Sc., M.Ed, M.Phil., Ph.D	Assistant Professor	8.11.2008	Chronobiology
10	Mrs. J. Vijila	M.Sc., B.Ed, M.Phil,	Assistant Professor	29.5.2009	Limnology
11	Mrs. L. Jansi Rani	M.Sc., MPhil.,	Assistant Professor	29.5.2009	Sericulture

6.2 Research and consultancy 2014-2015.

P.VictoriaThangam**, Ezilmathi Sophia** and T Sundararaj (2015). Nematicidal Activity of Guano of the Indian False Vamprie Bat *MegadermaLyra,**Journal of Ecotoxicology & Environmental Monitoring.09712-0965.***

Garg,BalajiChattopadhyay**, D.P .Swami Doss,** A.K. Vinoth Kumar, SripathiKandula ,Uma Ramakrishnan(2015).Males and Females Gain Differentially from Sociality in a Promiscuous Fruit Bat *Cynopterussphinx,*PLoS ONE.1932-6203.

Ezhilmathi Sophia and L Jeyapraba (2014) Chemical signaling in mother-pup recognition of *Hipposiderosater*, Templeton,1848(Dusky leaf nosed Bat),International Journal on Environmental Protection and Rural Development. Vol.3PP:78-82 .ISSN:2249-4375.

6.3 List of the Faculty members, based on API Score

S. No	Name of the Faculty	Designation	API Score
1	Dr. H. M. Mahilini	Head & Associate Professor	
2	Dr. B. Jawahar Samuel	Associate Professor	101.5
3	Dr.Mohanraj Ebenezer	Associate Professor	

4	Dr. S. SuthakarIssac	Associate Professor	154.5
5	Dr. M. Rajakumari	Assistant Professor	118.5
6	Dr. Miss. KerenhapEvangelin	Assistant Professor	106.5
7	Dr.Mrs.Ezhilmathi Sophia	Assistant Professor	131.5
8	Dr.Mrs. D.V. SheebaRajakumari	Assistant Professor	132
9	Dr. P. Augustus Robince	Assistant Professor	108.5
10	Mrs. J. Vijila	Assistant Professor	108.5
11	Mrs. L. Jansi Rani	Assistant Professor	108.5

7. Students' Profile

7.1 Students' Statistics for the year 2014-15

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.	6	0	15	0	15	36
II B.Sc.	5	0	11	0	6	22
III B.Sc.	6	0	9	0	6	21
I M.Sc.	2	0	5	0	3	10
II M.Sc.	4	0	8	0	5	17
M.Phil.	4	0	2	0	1	7

7.2 List of the Student's representatives

Course	Name of student's representative
I B.Sc.	J. AshaSweetha
II B.Sc.	S. Keerthana
III B.Sc.	S. Balamurugan
I M.Sc.	R. Pooja
II M.Sc.	R. PrakashMuthuraj
M. Phil	G. Pathmavathi

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	Mrs.PerungotturSelvi (4644)	Dr.Suthakar Isaac	Full Time	2011
2	Mr.Stephenraj (2416)	Dr.Suthakar Isaac	Full Time	2006
3	Mr. A. Gunasekar (3180)	Dr.Suthakar Isaac	Full Time	2008
4	Mrs. A. Krishnarathi (4476)	Dr.Suthakar Isaac	Part Time	2010
5	Mr. J. Dhivahar (9713)	Dr.Suthakar Isaac	Full Time	2012
6	Mr.Sathesh	Dr. W. KerenhapEvangelin	Full Time	2013
7	Mr. J. Sundararaj	Dr. W. KerenhapEvangelin	Full Time	2013
8	Mrs. P. Victoria Thangam (9359)	Dr.Ezhimathi Sophia	Part Time	2012

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	Mrs.Perungottur Selvi(4644)	Dr.Suthakar Isaac	Biodiversity and composting ability of earthworms and an organic farming approach at Courtallam in Nellai District.	2014

7.5 Students' Achievements

Awards for Studies

<center>NIL</center>

Students qualifying in state/national/international level examinations

S.No.	Name of the student	Competitive exam passed
1	K. Velmuthu	Police Department

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.	2012 – 2015	12(19)	13	03
M.Sc.	2013 – 2015	7(17)	0	0
M.Phil.	2014– 2015	3(7)	0	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.

8.1 UG Programme Structure

Semester	Course code	Course Name	IM	EM	TM	H	C
I	GMZO11	Animal diversity I Invertebrate	25	75	100	5	4
	SMZO12	Animal diversity II Chordata	25	75	100	5	4
	GAPB11	Plant Diversity and Medicinal Botany	25	75	100	6	3
II	GMZO21	Developmental Zoology	25	75	100	5	4
	GMZO22	Ecology, Toxicology and Evolution	25	75	100	5	4
	GAPB21	Plant Anatomy, Embryology, Physiology and Biotechnology	25	75	100	6	3
III	GMZO31	Cell and Molecular Biology	25	75	100	6	4
	GSZO3B	Nutrition and Dietetics	25	75	100	4	4
	GNBP3A	Gardening and Garden Management	25	75	100	2	2
IV	GMZO41	Genetics	25	75	100	6	4
	GSZO4B	Verm technology	25	75	100	4	4
	GNBP4B	Bioresources	25	75	100	2	2
V	GMZO51	Animal Physiology and Biochemistry	25	75	100	7	5
	GMZO52	Animal Biotechnology	25	75	100	7	5
	GMZO5F	Poultry Science	25	75	100	6	5
VI	GMZO61	Applied Biotechnology	25	75	100	6	5
	GMZO62	Immunology and Microbiology	25	75	100	6	5
	GMZO63	Biostatistics, Computer Applications and Bioinformatics	25	75	100	6	5
	GMZO6A	Aquaculture	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	HZOM11	Biological Chemistry	25	75	100	6	4
	HZOM12	Molecular Cell Biology	25	75	100	6	4
	HZOM13	Developmental Biology	25	75	100	6	4
	HZOE11	Biosystematics and Biodiversity	25	75	100	6	4
II	HZOM21	Microbiology	25	75	100	5	4
	HZOM22	Environmental Biology	25	75	100	5	4
	HZOE11	Biostatistics and Computer Application	25	75	100	5	4
	HZOE22	Entomology	25	75	100	5	4
III	HZOM31	Immunology	25	75	100	6	4
	HZOM32	Animal Physiology	25	75	100	6	4
	HZOM33	Genetics	25	75	100	5	4
IV	HZOM41	Biotechnology	25	75	100	6	4
	HZOM42	Aquaculture	25	75	100	6	4
	HZOM43	Evolution	25	75	100	5	4
	HZOE41	Research Methodology	25	75	100	5	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	HZOC11	Research Methodology	25	75	100	4	4
	HZOC12	Advanced In Animal Biotechnology and Nano technology	25	75	100	4	4
	HAO11	Sericulture	25	75	100	4	4
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
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 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 2014 and April 2015 University examinations are represented graphically

Nov 2014 result analysis
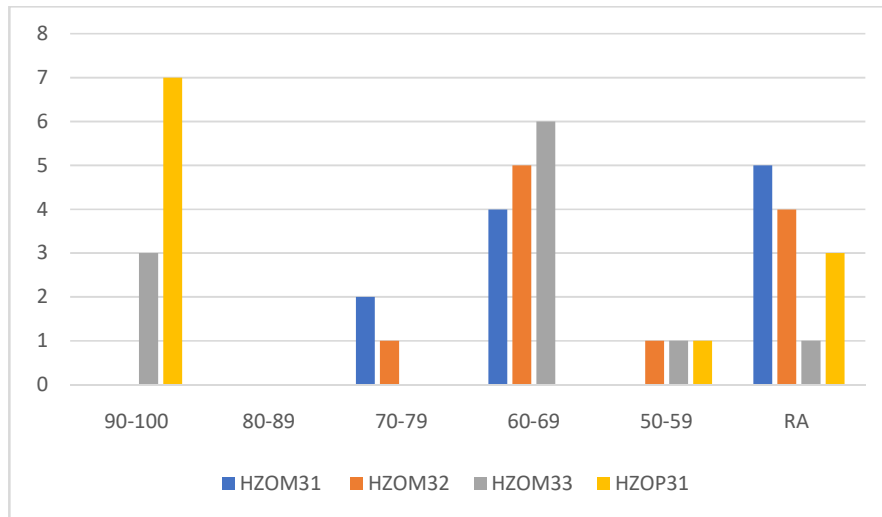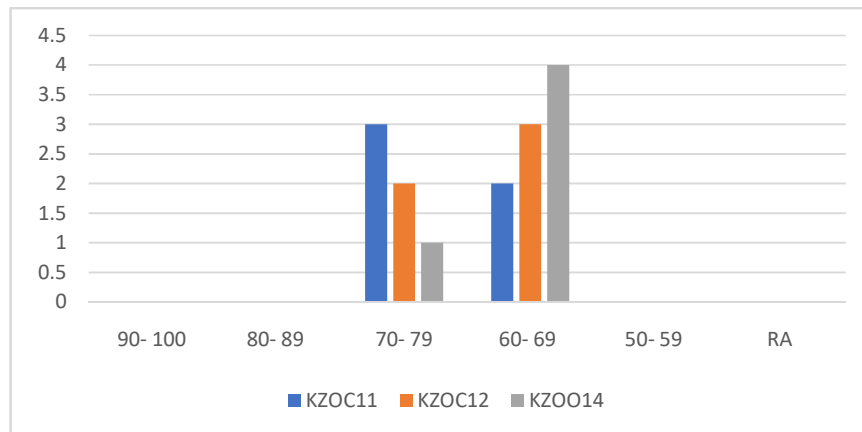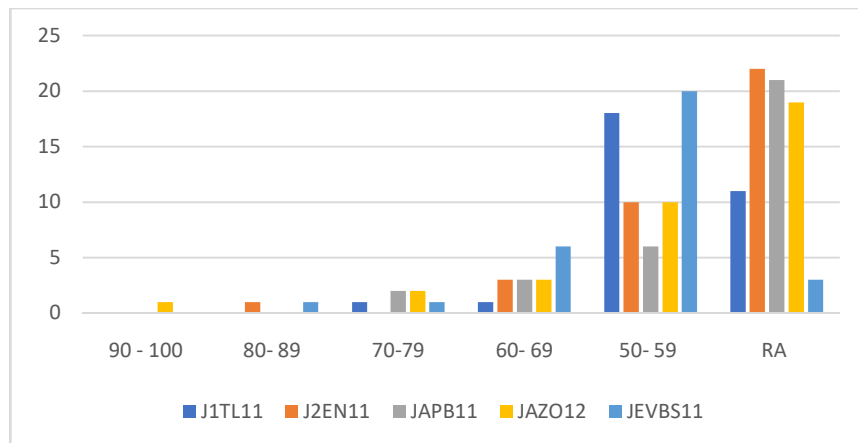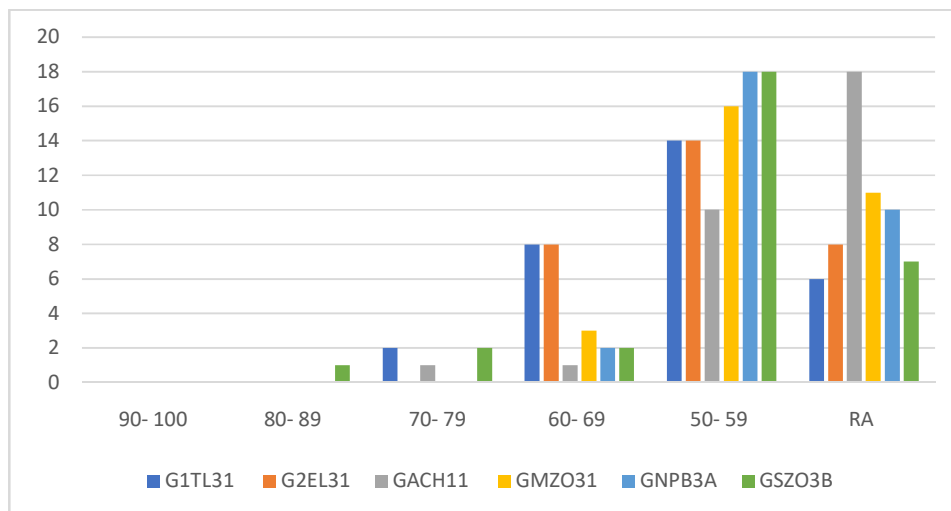
B.Sc. Zoology (semester I)
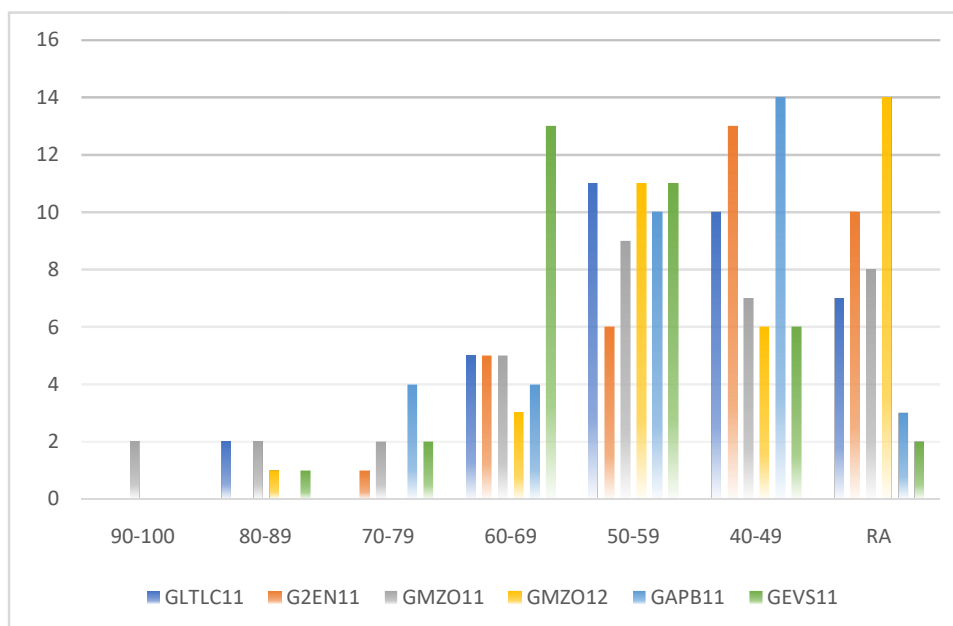
- In B.Sc. Zoology (semester I) the percentage mostly falls between the range 40-60
- On an average 4.7% reappear in the examinations and 49% of students gain 60% and above invariably in all subjects

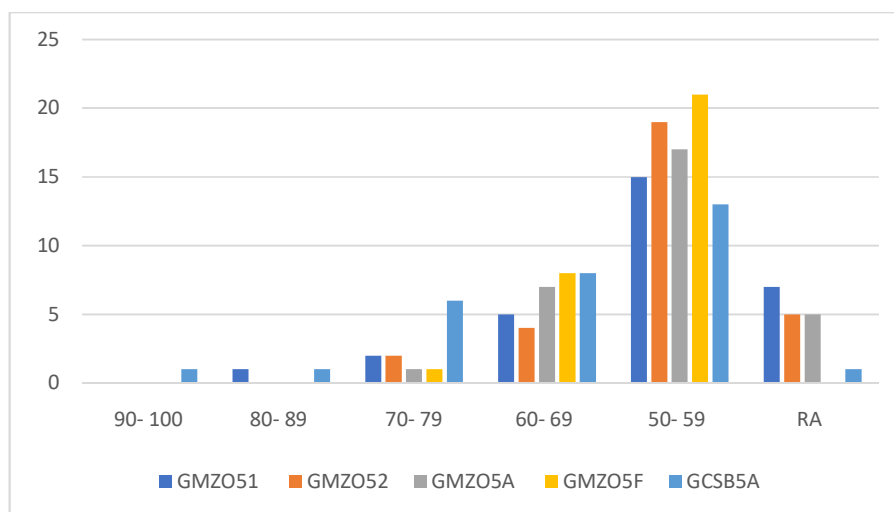**Nov 2014 result analysis**

B.Sc. Zoology (semester III)
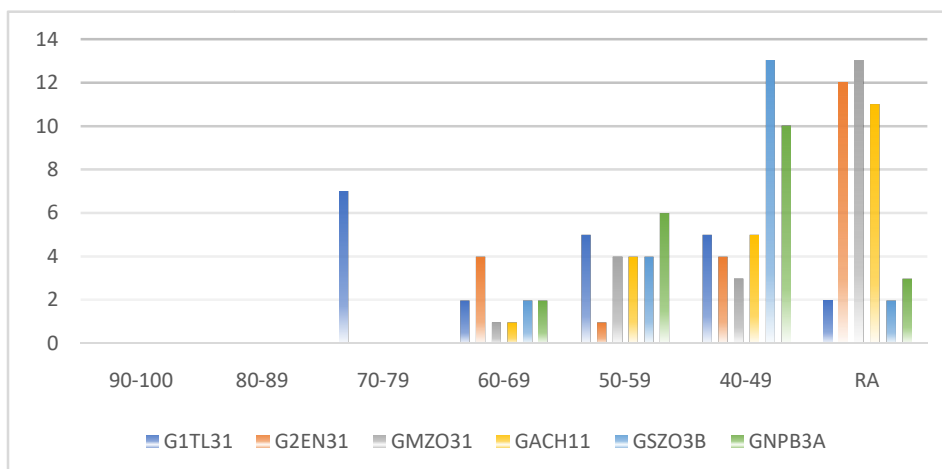
- In B.Sc. Zoology (semester III) the percentage mostly falls between the range 40-60
- On an average 3% reappear in the examinations and 25.3% of students gain 60% and above invariably in all subjects

Nov 2014 result analysis

B.Sc. Zoology (semester V)
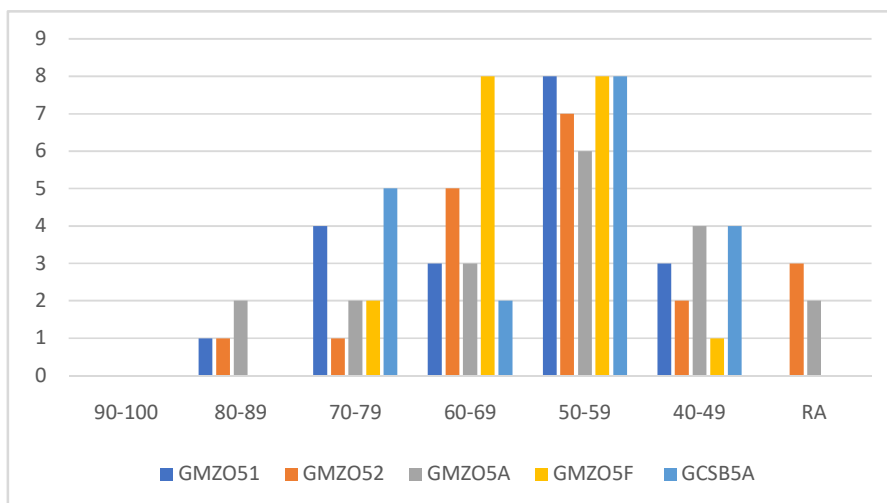
- In B.Sc. Zoology (semester V) the percentage mostly falls between the range 50-70
- On an average 2% reappear in the examinations and 24% of students gain 0% and above invariably in all subjects
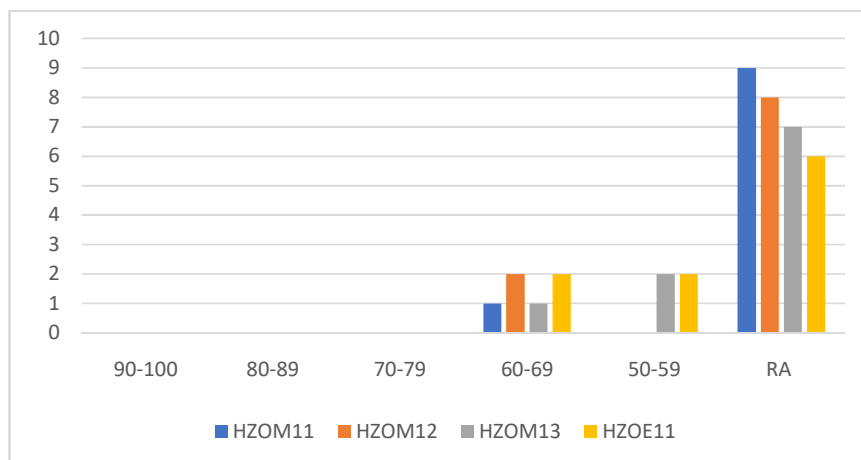
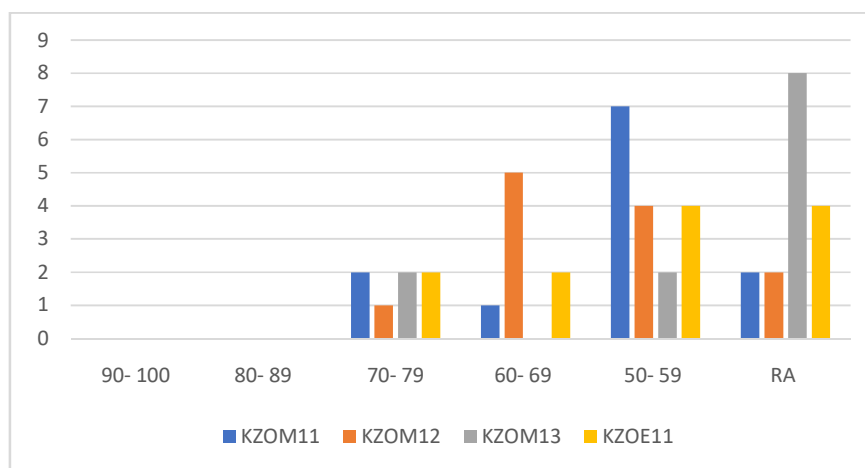**Nov 2014 result analysis**

M.Sc. Zoology (semester I)

- In M.Sc. Zoology (semester I) the percentage mostly falls between the range 50-70
- On an average 2.6% reappear in the examinations and 12% of students gain 70% and above invariably in all subjects

Nov 2014 result analysis

M.Sc. Zoology (semester III)

Bar chart with y-axis from 0 to 8. X-axis categories: 90-100, 80-89, 70-79, 60-69, 50-59, RA. Legend: HZOM31, HZOM32, HZOM33, HZOP31.
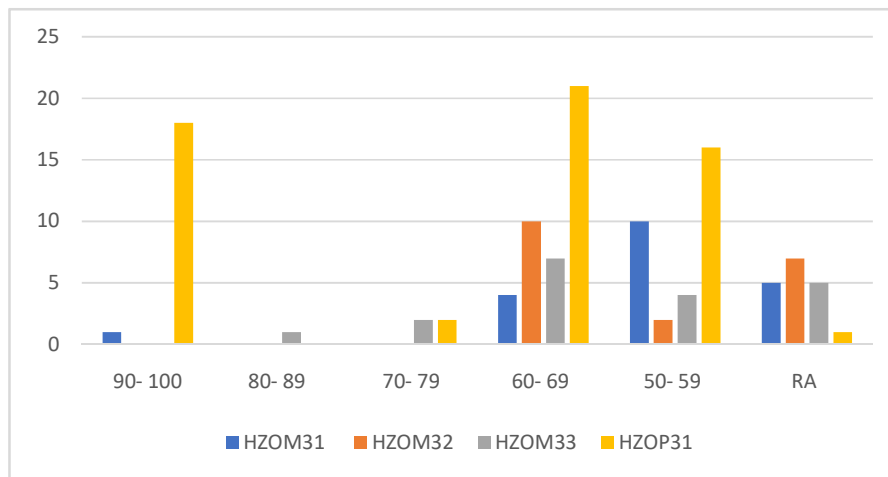
- In M.Sc. Zoology (semester III) the percentage mostly falls between the range 50-70
- On an average 3.4% reappear in the examinations and 7% of students gain 70% and above invariably in all subjects

Nov 2014 result analysis

M.Phil. Zoology (semester I)

Bar chart with y-axis from 0 to 4.5. X-axis categories: 90-100, 80-89, 70-79, 60-69, 50-59, RA. Legend: KZOC11, KZOC12, KZOO14.
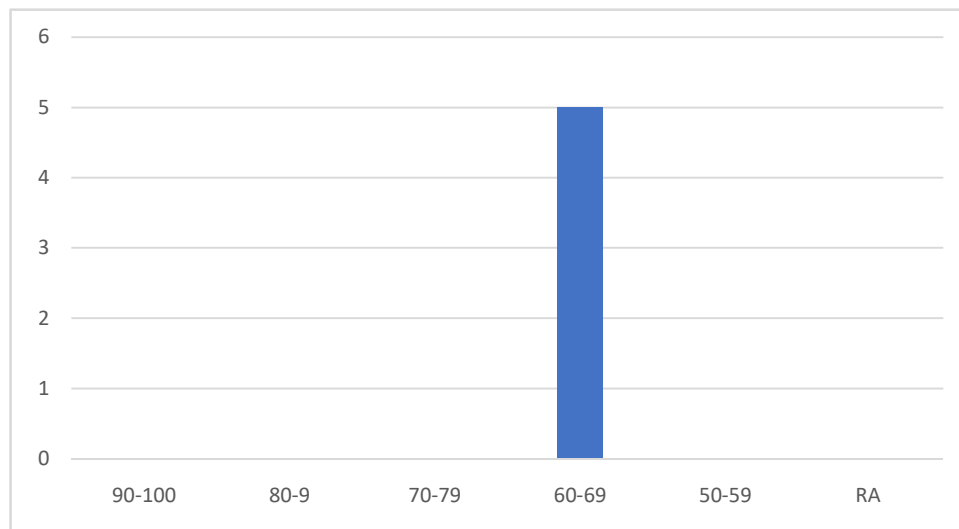
- In M.Phil. Zoology (semester I) the percentage mostly falls between the range 50-70
- On an average 3.4% reappear in the examinations and 7% of students gain 70% and above invariably in all subjects

April 2015 result analysis

B.Sc. Zoology (semester II)

- In B.Sc. Zoology (semester II) the percentage mostly falls between the range 50-80
- On an average 2.3% reappear in the examinations and 28.6% of students gain 80% and above invariably in all subjects

April 2015 result analysis

B.Sc. Zoology (semester IV)

- In B.Sc. Zoology (semester IV) the percentage mostly falls between the range 50-80
- On an average 3% reappear in the examinations and 39.6% of students gain 80% and above invariably in all subjects

April 2015 result analysis

B.Sc. Zoology (semester VI)

- In B.Sc. Zoology (semester VI) the percentage mostly falls between the range 50-80
- On an average 0.12% reappear in the examinations and 43% of students gain 80% and above invariably in all subjects

April 2015 result analysis

M.Sc. Zoology (semester II)

- In M.Sc. Zoology (semester II) the percentage mostly falls between the range 50-80
- On an average 3% reappear in the examinations and 28.6% of students gain 80% and above invariably in all subjects

April 2015 result analysis

M.Sc. Zoology (semester IV)

- In M.Sc. Zoology (semester IV) the percentage mostly falls between the range 50-70
- On an average 4.2% reappear in the examinations and 31% of students gain 80% and above invariably in all subjects

April 2015 result analysis

M.Phil. Zoology (semester II)

- In M.Phil. Zoology (semester II) the percentage mostly falls between the range 50-70
- On an average 0% reappear in the examinations and 100% 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 2014 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	2012-2015	27	10	79.1%
M.SC	2013-2014	19	5	20%
M.PHIL	2015	5	5	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

Chair Person Dr. H. Mahilini M.Sc.,M.Phil.,Ph.D. Associate Professor of Zoology, St. John's College, Palayamkottai 627002, Tamil Nadu. Mob:+91 94866 57814	*Dr. H.M. Mahilini M.Sc., M.Phil., Ph.D.* *Associate Professor and Head* *PG and Research Department of Zoology* *St. John's College* *Palayamkottai, Tirunelveli - 627*
Co-ordinator Dr. B. Jawahar Samuel M.Sc.,M.Phil.,Ph.D. Associate Professor of Zoology, St. John's College, Palayamkottai 627002, Tamil Nadu. Mob: +91 9443290006 Email: drbjsamuel@yahoo.co.in	*Dr. B. JAWAHAR SAMUEL, Ph.D.* *Associate Professor* *Research Department of Zoology* *St. Johns College* *Palayamkottai,* *Tirunelveli - 627 002.*
Subject Expert-1 Dr. Cholavan, Pasumpon Muthuramalinga Devar College, Melaneelithanalloor. Mob:+91 94884 73385 Email: solavansolavan@gmail.com	*Dr. A. SOLAVAN,* *Head and Associate Professor,* *PG and Research Department of Zoology* *Pasumpon Muthuramalinga Thevar College* *Melaneelithanallur - 627 953,* *Sankarankovil Taluk,* *Tirunelveli District.*
Subject Expert-2 Dr. Victoria Thangam, Rani Anna Government College for Women, Mob: +91 94870 58006 Email: victoriamanickam@gail.com	*Dr. P. VICTORIA THANGAM* *M.Sc., M.Phil., B.Ed., Ph.D.,* *Associate Professor and Head* *Department of Zoology* *Rani Anna Government College For Women* *TIRUNELVELI-627 008.*

IQAC Coordinator

IQAC CO-ORDINATOR
ST. JOHN'S COLLEGE
PALAYAMKOTTAI

Principal

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

Annual

Academic

Audit Report

2015-16

Department of Computer Science

7th & 8th March 2016

Table of Contents

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

The purpose of the audit was to ensure that the practices followed in the campus are in accordance with the Academic Policy adopted by the institution. With this in mind, the specific objectives of the audit were to evaluate the adequacy of the management control framework as well as the degree to which the Departments are in compliance with the applicable regulations, policies and standards. During the initial planning of the audit, an analysis was conducted on the methodologies of the academic policies. The analysis was based upon an examination of the policies, manuals and standards on data analysis, and on the results of preliminary interviews with personnel considered key in the Academic management in the campus. The criteria and methods used in the audit were based on the identified risks.

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.
Head &Associate Professor of Computer Science,
St. John's College,
Palayamkottai 627 002, Tamil Nadu.
Mob.: +91 9080886858, e-mail id: <u>leenaccollins@rediffmail.com</u>

Co-ordinator – 1

Ms. P.PravinSironmaniMCA.,M.Phil.,SET
Assistant Professor of Computer Science (SF),
St. John's College,
Palayamkottai 627 002,Tamil Nadu.
Mob.: +919789717852, e-mail id: siron.pravin@gmail.com

Co-ordinator – 2

Mrs.J.NancyAnnajothiMCA.,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

Subject Expert – 1

K. MERRILIANCEM.Sc., M.Phil.,
Asst.Professor
Department of Computer Application
Sarah Tucker College,
Perumalpuram , Tirunelveli
Mob: +91 9443670327 email:merriliance@gmail.com

Subject Expert – 2

Mr.D.Stanley
Asst.Professor
Francis Xavier Engineering College
Vannarapettai,Tirunelveli,Tamil Nadu.
Mob.: +91 9894948602, e-mail id:stanleysunder@gmail.com

4. Schedule of the Annual Academic Audit

DAY 1 (7[h] March 2016)	
Timing	**Activity**
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
DAY 2 (8th March 2016)	
Timing	**Activity**
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 established in the year 1992 with the objective of imparting quality education in the field of Computer Science. It offers programmes of study related to computing, information technology and software design and application. One of the strengths of the department is its strong entrepreneurial culture and many students have successfully involved themselves in creating entrepreneurial ventures some of which have gone fully commercial within a short span of time.The institute's readily accessible faculty and variety of student support systems made a perfect learning environment for students to gain practical skills and a strong understanding of core computer science areas. There were ample opportunities to learn outside of classrooms and team work skills. Many of the students are well placed in leading software companies such as TCS, Infosys, Satyam, Polaris etc.

With rapidly evolving technology and the continuous need for innovation, the Department has produced quality professionals holding important positions in the IT industry in India and abroad.

5.2 Best Practices of the Department

➢ Makingthe students to bring-forth their full potential by fostering life coping skills, Managerial skills and team skills by involving them in department association activities.

> ➢ Providingstudents a competitive level of programming skills and an in-depth knowledge of computing fundamentals.

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
284	904

6. Faculty Profile

Faculty Strength	Total Staff – 05 Men – 02 Women –03
Qualification	Ph.D. – 0

		NET – 0
		SET – 01
		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	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.Nancy Annajothi	MCA., M.Phil.	Assistant Professor,	24/8/2012	Data Mining
4	Mr. B.PravinSironmani	MCA., M.Phil.,SET	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

Students' Profile

7.1 Student's Statistics for the year 2015-2016

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.	2	0	24	10	12	48
II B.Sc.	5	1	24	8	9	47
III B.Sc.	2	0	32	6	8	48

7.2 List of the student representatives

Course	Name of student representative
I B.Sc.	A.Anand

II B.Sc.	Saranya
III B.Sc.	A.Anand

7.3 Students' Achievements

Students Placement for the year 2015-2016

S.No.	Name of the student	Placement Details & Higher Studies
1	P. Hemanth Kumar	Unique 47, Solai Krishna St, Janaki Nagar, Alwartirunagar, Valasaravakkam, Chennai-600087, Tamilnadu, India.
2	M. Muralidharan	Natty Pangolin Smart Technology, KLR Complex, 3rd Floor, Cross Cut Rd, opp. Dharani Steels, Gandhipuram-641012, Tamil nadu, India.
3.	Sathish Manohar	HDB Financial Services, Palayamkottai, Tirunelveli - 627002, Tamil nadu, India.
4.	K. Xavier & Dinesh	Facility Supervisor, Trident, No. 667, 2nd North Street, ThyagarajaNagar,, Tirunelveli- 627011, 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.	2012 – 2015	26	-	4

7. Curriculum

The Programme Structure of the B.Sc

Semester	Course code	Course Name	IM	EM	TM	H	C
I	GMCS11	Introduction to computers and Programming in C	25	75	100	6	4
	GACS11	Discrete Mathematics	25	75	100	4	2
	GEVS11	Environmental Studies	25	75	100	2	2
II	GMCS21	Object Oriented Programming using C++	25	75	100	6	4
	GMCSP2	Object Oriented Programming using C++Lab	50	50	100	4	4
	GACS21	Digital Design	25	75	100	4	4
	GACSP2	Office Automation	50	50	100	2	4
	GVBE21	Valued Based Education	25	75	100	2	2
	GMCSP1	Practical C	50	50	100	4	4
III	GMCS31	Computer Architecture	25	75	100	6	4
	GMCS32	Java Programming	25	75	100	6	4
	GACS31	Data Structure	25	75	100	4	4
	GNIT3A	Introduction to Computers	25	75	100	2	2
IV	GMCS41	Visual Basic	25	75	100	6	4
	GMCS4A	Microprocessor	50	50	100	6	5
	GACS41	Resource Management Technique	25	75	100	4	4
	GNIT4A	Basic Programming Design	25	75	100	2	2
	GMCSP3	Java Programming Lab	25	75	100	6	4

			IM	EM	TM	H	C
	GMCSP4	Visual Basic Lab	25	75	100	6	4
	GSCS3B	Practical-FLASH	25	75	100	(1theory+3)	4
	GSCS4B	Practical – Dreamweaver	25	75	100	(1theory+3)	4
	GSCSP2	Data Structure 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	25	75	100	6	5
	GCSB5A	Personality Development	25	75	100	4	4
VI	GMCS61	Operating System	25	75	100	4	4
	GMCS62	Computer Networks AND Data Communications	25	75	100	4	4
	GMCS63	Data Mining	25	75	100	4	4
	GMCS64	RDBMS	25	75	100	4	4
	GMCSP5	Computer Graphics and Multimedia lab	50	50	100	8	4
	GMCSP6	RDBMS with Oracle Lab	50	50	100	8	4
	GMCSP7	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	**=20**	Section A (10x1=10)	**=10**

| from three internal assessment test		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 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 2016 and November 2015 University examinations are represented graphically:
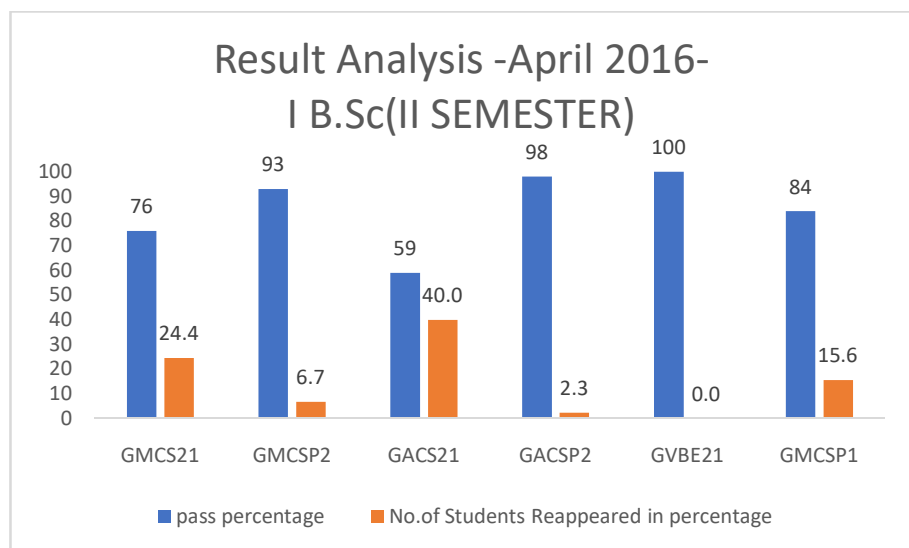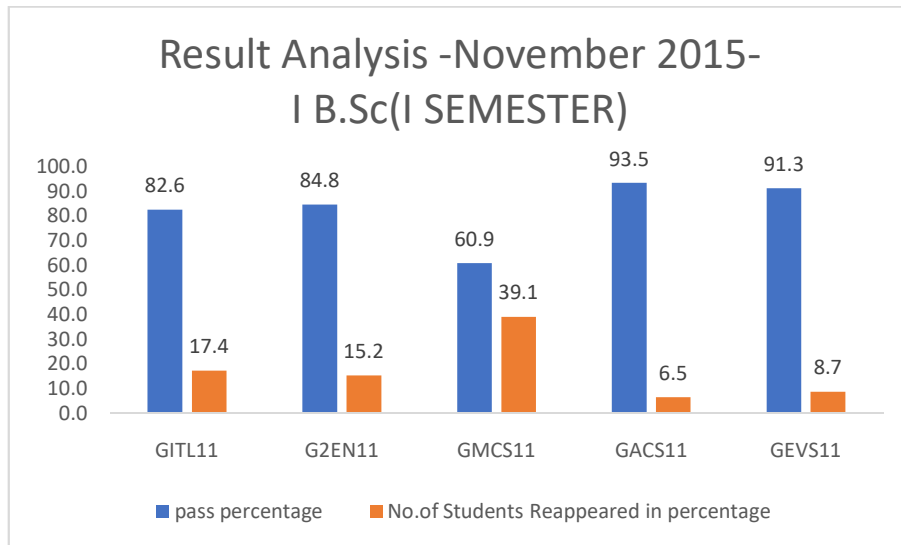

- In B.Sc Computer Science for the II Semester
  - Total No. of Students appeared: 45
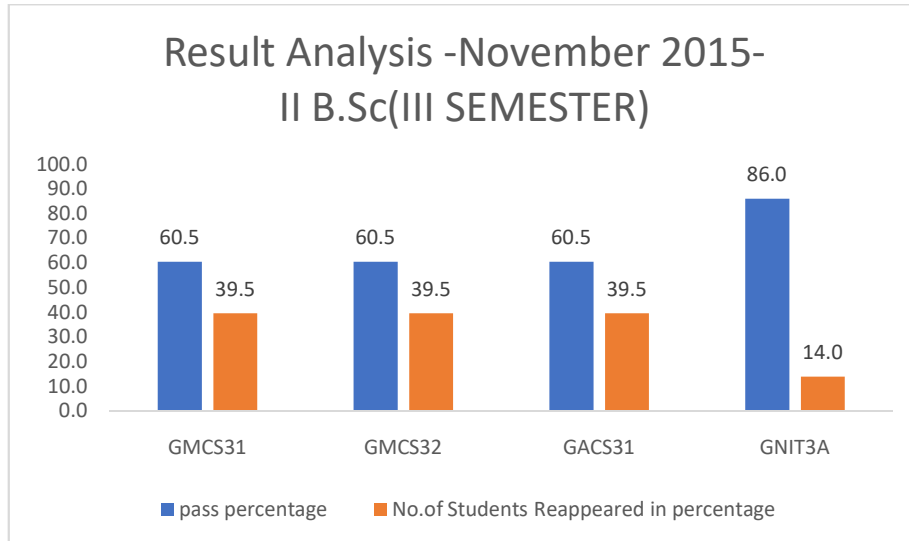 - Pass Percentage: 85
  - Reappeared Percentage:14.8

**Result Analysis -April 2016-
II B.Sc(IV SEMESTER)**
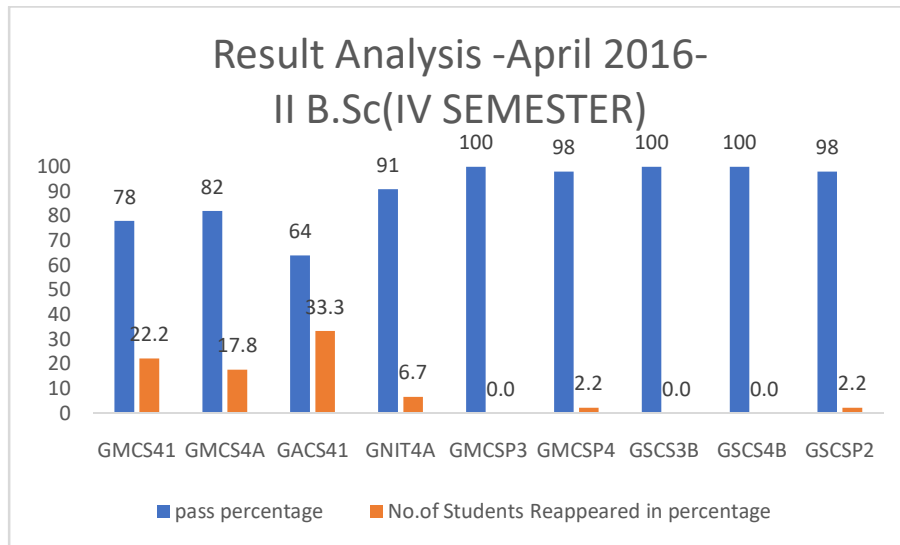
- In B.Sc Computer Science for the IV Semester
  - Total No. of Students appeared: 45
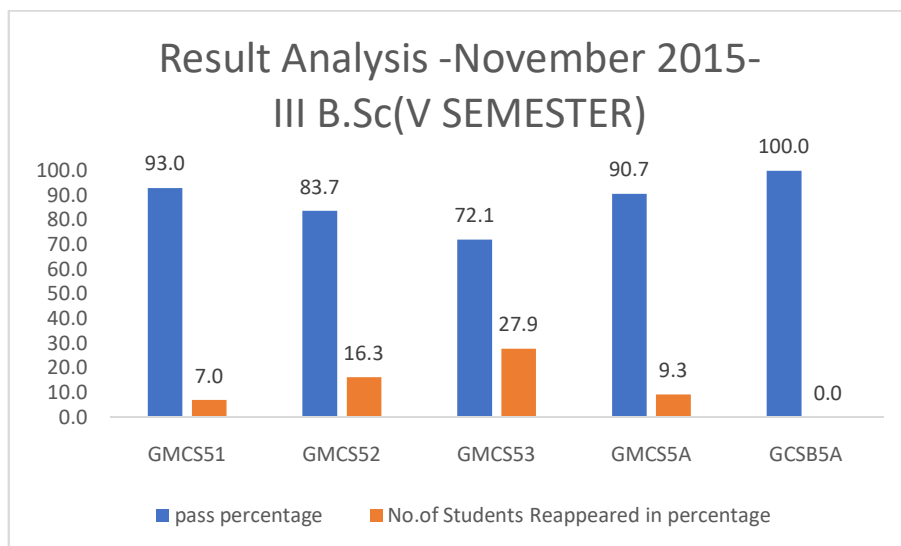 - Pass Percentage: 90.1
  - Reappeared Percentage:9.4

**Result Analysis -April 2016-
III B.Sc(VI SEMESTER)**
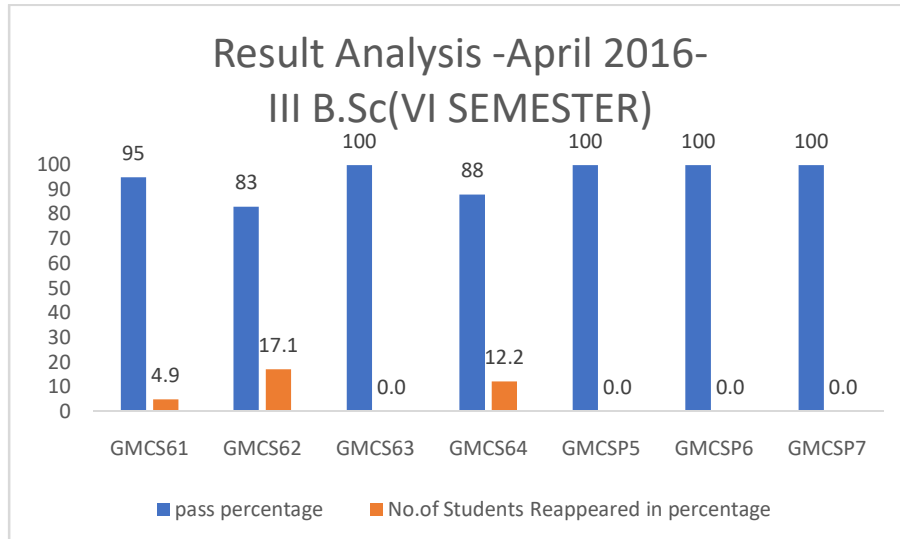
- In B.Sc Computer Science for the VI Semester
  - Total No. of Students appeared: 41
  - Pass Percentage: 95.1
  - Reappeared Percentage:4.9

Result Analysis -November 2015- I B.Sc(I SEMESTER)

- In B.Sc Computer Science for the I Semester
  - ➢ Total No. of Students appeared: 46
  - ➢ Pass Percentage:82.6
  - ➢ Reappeared Percentage:17.4

Result Analysis -November 2015- II B.Sc(III SEMESTER)

- In B.Sc Computer Science for the III Semester
  - ➢ Total No. of Students appeared: 43
  - ➢ Pass Percentage:66.9
  - ➢ Reappeared Percentage:33.1

Result Analysis -November 2015-
III B.Sc(V SEMESTER)

- In B.Sc Computer Science for the V Semester
  - ➢ Total No. of Students appeared: 43
  - ➢ Pass Percentage:87.9
  - ➢ Reappeared Percentage:12.1

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

	Batch	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
B.Sc.	2012 – 2015	38	26	68

8. Outcome

Outcome of the students meeting

  - ➢ Students grievances are solved at the earliest by the mentoring staff.
  - ➢ Parental care is given by the department staff members.
  - ➢ College timing can be changed for self-financing courses

Chair Person Mrs R Venishia Leena Mary M.Sc., M.Phil., M.Tech., Head & Assistant Professor Department of Computer Science St. John's College, Palayamkottai Tirunelveli - 627 002, Tamil Nadu Mobile No.: +91 9080886858 E-mail id: leenaccollins@rediffmail.com	*(signature)* Mrs. R. VENISHIA LEENA MARY Head, Department of Computer Science St. John's College, Palayamkottai
Co-ordinator – 1 Mr B Pravin Sironmani MCA, M.Phil. 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	*(signature)* PRAVIN SIRONMANI B Assistant Professor Dept. of Computer Science St. John's College Palayamkottai
Co-ordinator – 2 Ms P Sudha M.Sc., M.Phil. 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	*(signature)* SUDHA P Assistant Professor Dept. of Computer Science St. John's College Palayamkottai

Subject Expert – 1 Mrs K Merrilance, M.Sc., M.Phil. Assistant Professor Department of Computer Application Sarah Tucker College Perumalpuram Tirunelveli – 627007, Tamilnadu Mobile No.: +91 9443670327 E-mail id: merriliance@gmail.com	K. Mmilian Dr. K. MERRILIANCE, M.Sc., M. Phil., Ph.D. Associate Professor Dept. of Computer Applications & Research Centre Sarah Tucker College (Autonomous) Tirunelveli - 627 007.
Subject Expert – 2 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	
Industrial Person: 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	S. Andiappan S.Andiappan., MCA Software Delvelopment Engineer, HTC Global Services (India) Pvt Ltd Chennai - 6000 45

IQAC Coordinator
IQAC CO-ORDINATOR
ST. JOHN'S COLLEGE
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PALAYAMKOTTAI - 627 002

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

sjc1878@stjohnscollege.edu.in, www.stjohnscollege.edu.in

Annual
Academic Audit Report
2015-16

Department of Computer Application And Networking.

BCA & M.Sc NT&IT

7th & 8th March 2016

1.Introduction

The Bachelor of Computer Applications (BCA) is a 3-year (6 semesters) undergraduate program affiliated to Manonmniam 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 07th and 08th March 2016. The Purpose of the Audit is to Provide the opportunity for regular strategic overview of the entirety of a Department's Teaching and Learing 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	Coordinators
Mr.B.Jefferson,	**Mr. B. Edward Daniel**
Head,Department of computer Applications,	Asst. Prof., Department of Computer
St.Johns college, Palayamkottai-627002	Application and Networking
Mobile.No. 9443454222	St.Johns college, Palayamkottai-627002
	Mobile No. 9843074213

Coordinators	Coordinators
Mrs. A.Bathsheba Parimala	**Mr. K. Appasamy**
Asst. Prof., Department of Computer	Asst. Prof., Department of Computer
Application and Networking	Application and Networking
St.Johns college, Palayamkottai-627002	St.Johns college, Palayamkottai-627002
Mobile No. 9791311365	Mobile No. 9842235628

Coordinators	Coordinators
Mr. I.Thomas Jebasingh	**Mr. S. Immanuel**
Asst. Prof., Department of Computer	Asst. Prof., Department of Computer
Application and Networking	Application and Networking
St.Johns college, Palayamkottai-627002	St.Johns college, Palayamkottai-627002
Mobile No. 9787644604	Mobile No. 9894874533

Coordinators	Coordinators
Mrs. G. Priskillal	**Mr. L.Abraham David**
Asst. Prof., Department of Computer	Asst. Prof., Department of Computer
Application and Networking	Application and Networking
St.Johns college, Palayamkottai-627002	St.Johns college, Palayamkottai-627002
Mobile No. 9994067839	Mobile No. 7402041540

Subject Expert – 1	Subject Expert – 2
Dr. Nancy Jasmine Goldina	**Mrs. V. Roselin**
Professor, Department of MCA	Asst.Professor
Sarah tucker College	Department of MCA
Palayamkottai	Sadakkathullah Appa College,
Tirunelveli	Palayamkottai, Tirunelveli

Industry Expert:
Mr. G. Powerlin
Cyber Security Analyst
SJR Prime car Ground Floor
Sarjapur Main Road , Bellandur, Bengaluru, Karnataka 560103
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4

4. Schedule of the Academic Audit (07th and 08th December 2015)
Day I - 07th March , 2016

Time	Activity
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 – 08th March, 2016

Time	Activity
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 bythe 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

Total No. of Books Available	Total No. of Journals Available	Total No. of Computer Systems with Internet Facilities
205	-	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

Faculty Strength	Total Staff – 08 Men – 06 Women – 02
Qualification	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-ordianator 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 2015-2016

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.C.A	4	0	1	2	1	0	12	5	5	2	0	0	3	1	6	2	1	0	34	12	46
M.Sc NT&IT	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	2	0	2

7.2 Placement Details

UG

Company Name	No of Student Placed
Cascade Revenue Management Pvt Ltd	2
UST GLOBAL	1
ELK Education consultant pvt	1
HCL	1
Shine Pvt Ltd	1
Fincare	1
SBI	1
Shahi Exports Pvt Ltd	1

PG

Company Name	No of Student Placed
CTS, Chennai	1
Insurance Company	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	J1TL11	Tamil	6	0	0	4
	J2EN11	English	6	0	0	4
	JMCA11	Programming in C	4	0	0	4
	JACA11	Digital Design	4	0	0	3
	JEVS11	EVS	2	0	0	2
	JMCAP1	C-Lab	0	0	4	2
	JACAP1	OA Lab	0	0	4	2
						21
II	J1TL21	Tamil	6	0	0	4
	J2EN21	English	6	0	0	4
	JACA21	Maths	3	0	0	3
	JMCA21	C++	5	0	0	4
	JVBE21	VBE	2	0	0	2
	JMCAP2	C++ Lab	0	0	4	2
	JACAP2	OA Lab	0	0	4	2
						23
III	GMCA31	Java	5	0	0	4
	GMCA32	Financial Accounting	5	0	0	4
	GACA31	Data structure using C++	4	0	0	3
	GNMA3A	Maths	3	0	0	3
	GMCAP3	Java Lab	0	0	6	3
	GACAP3	DS Lab	0	0	4	2
						19
IV	GMCA41	Visual Basic	5	0	0	4
	GACA41	Resource Management Technique	4	0	0	3
	GNMA4B	Maths	3	0	0	3
	GCSB4A	Personality Development	0	0	0	4
	GMCAP3	Java Lab	0	0	4	2
	GMCAP4	VB Lab	0	0	6	3
						19
V	GMCA51	Software Engineering	5	0	0	4
	GMCA52	Web Technology	5	0	0	4
	GMCA53	RDBMS	5	0	0	4
	GMCA5C	Multimedia	4	0	0	4
	GSCA4A	Flash	0	0	4	2
	GMCAP5	RDBMS Lab	0	0	4	2
						20

VI	GMCA61	Operating Systems	4	0	0	4
	GMCA62	Computer Graphics	4	0	0	4
	GMCA63	Computer Networks	4	0	0	4
	GMCA6C	Mobile Communication	4	0	0	4
	GMCAP6	Graphics Lab	0	0	4	2
	GMCA6P	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	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	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. Courses

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

8.4 Result Analysis - BCA
Nov 2015

I SEM

S.NO	Sub.Code	Sub.Name	Total Stud	Stud. Appeard	Stud.Passed	Pass %
1	G1TL11	TAMIL	47	47	44	93
2	G2EN11	ENGLISH	47	47	40	85
3	GMCA11	C PROG	47	47	40	85
4	GACA11	DIGITAL DESIGN	47	47	42	89
5	GEVS11	EVS	47	47	47	100
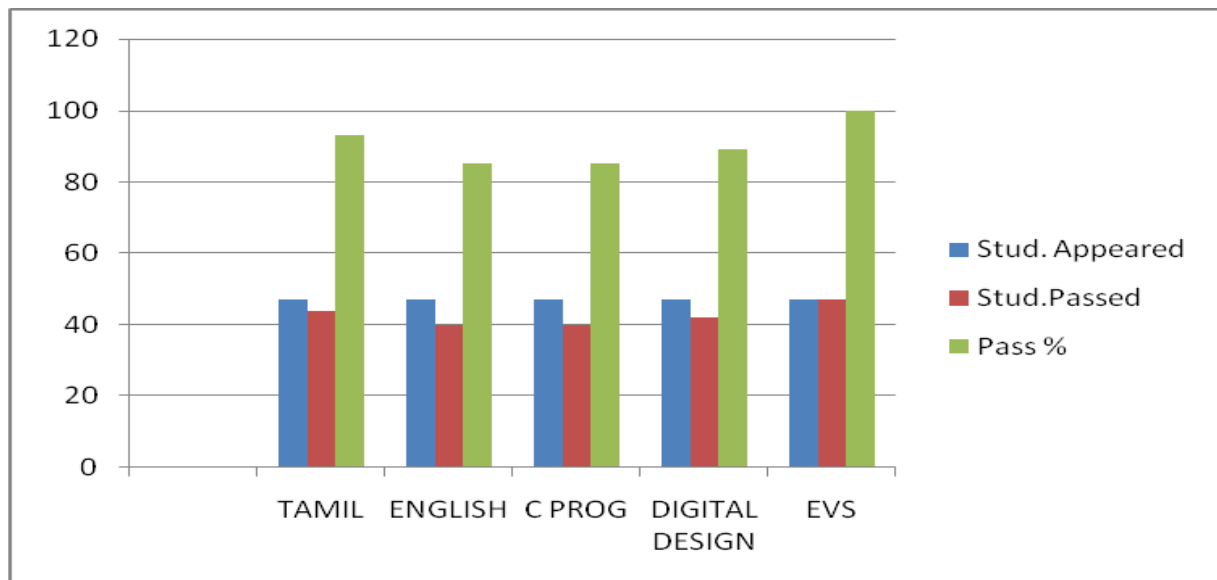
III SEM

S.NO	Sub.Code	Sub.Name	Total Stud	Stud. Appeard	Stud.Passed	Pass %
1	GMCA31	JAVA	25	25	18	72
2	GMCA32	FIN.ACC	25	25	16	64
3	GACA31	DATA STRUC	25	25	16	64
4	GNMA3A	STAT.	25	25	15	60
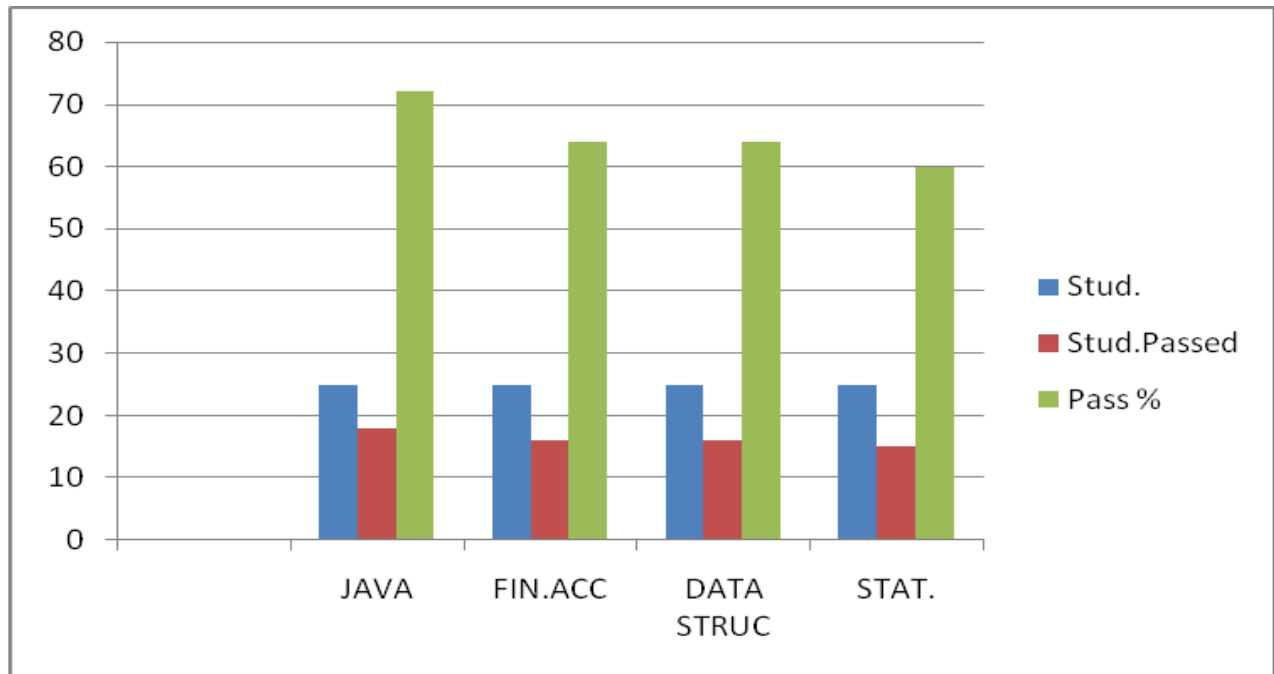
V SEM

S.NO	Sub.Code	Sub.Name	Total Stud	Stud. Appeard	Stud.Passed	Pass %
1	GMCA51	SOFT.ENGINEERING	32	32	28	87.5
2	GMCA52	WEB TECH	32	32	27	84
3	GMCA53	RDBMS	32	32	27	84
4	GMCA5C	MOB. COMM	32	32	26	81
5	GSCA4A	FLASH	32	32	32	100
5	GCSB5A	PERSONALITY DEV	32	32	32	100
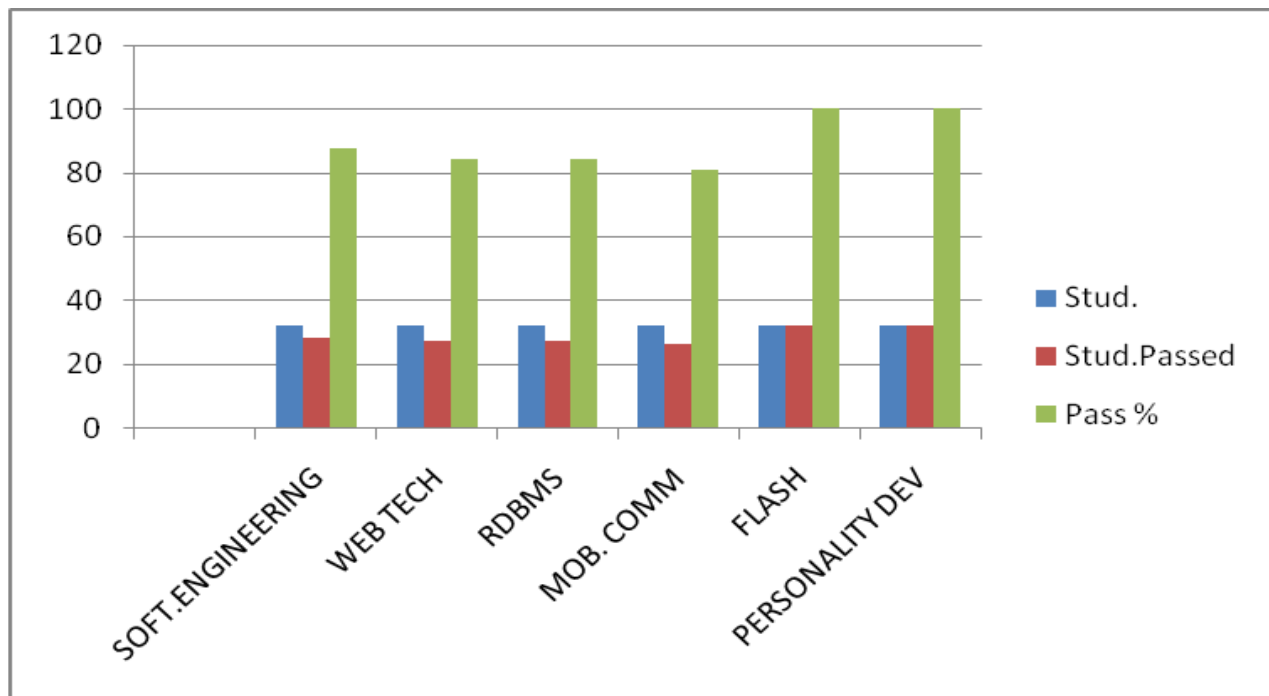
Result Analysis – M.Sc NT&IT

I SEM

S.NO	Sub.Code	Sub.Name	Total Stud	Stud. Appeard	Stud.Passed	Pass %
1	HNTM11	DATA COM	2	2	2	100
2	HNTM12	C++	2	2	2	100
3	HNTM13	VB	2	2	2	100
4	HNTE12	CRYPT	2	2	2	100
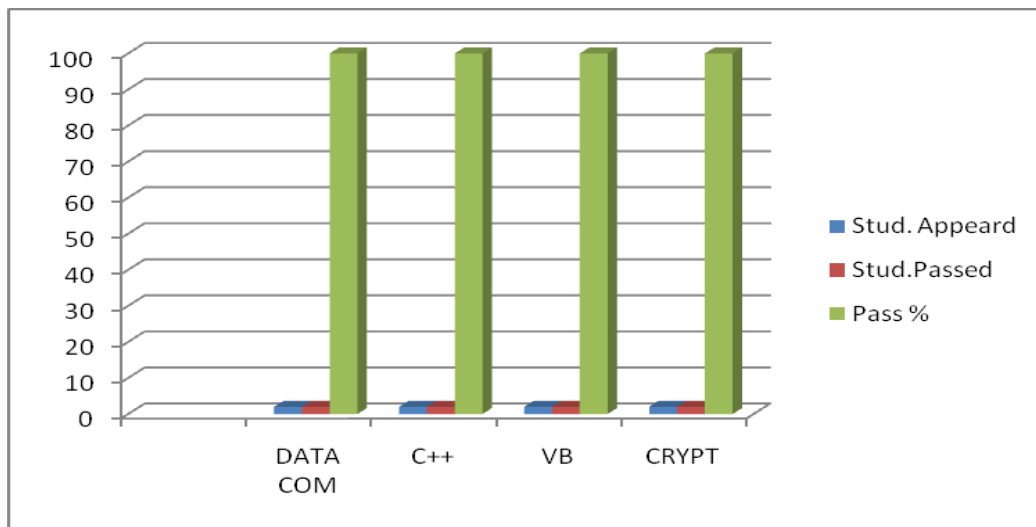
III SEM

S.NO	Sub.Code	Sub.Name	Total Stud	Stud. Appeard	Stud.Passed	Pass %
1	HNTM31	ASP.NET	6	6	5	83
2	HNTM32	OP.SYS	6	6	6	100
3	HNTM33	ADV.JAVA	6	6	5	83
4	HNTM34	UNIX	6	6	6	100
5	HNTE31	MOB.COM	6	6	6	100

15
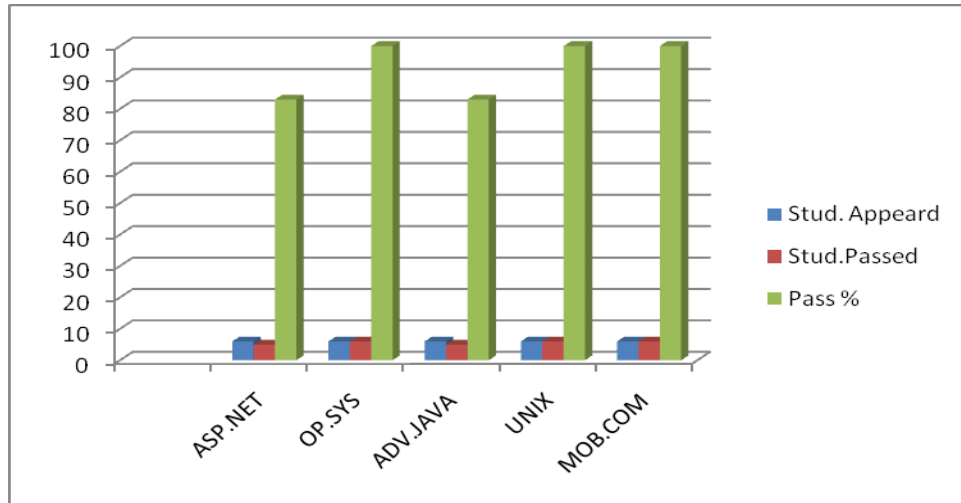
8.5 University Rank Achieved

UG

Name of the Student	Rank
Sindhu	7
Petiammal @Uma	17

PG

Name of the Student	Rank
Gnanasundari kala	1
Ponasha	1
Janani	1

16

8.6 Activity and Programmes conducted

S.No	Programme Activity	Date
1	Freshers meet and Association Meet	12.08.2016
2	CAD- wings CAD - Seminar	10.02.2016
3	Women's day Celebrations	06.03.2016

Freshers and Association Meet

ST.JOHN'S COLLEGE, PALAYAMKOTTAI

Department of BCA & M.Sc (NT & IT)

Welcome party-(2016-2017)

Venue: Vedasironmani Auditorium

Date: 12th August 2016

Time: 4pm to 6 pm

Presence:
    Dr.S.John Kennady
        Principal
    Dr.Daniel David Annaraj
        Bursar

Women's Day celebrations

CAD –Wings CAD Seminar
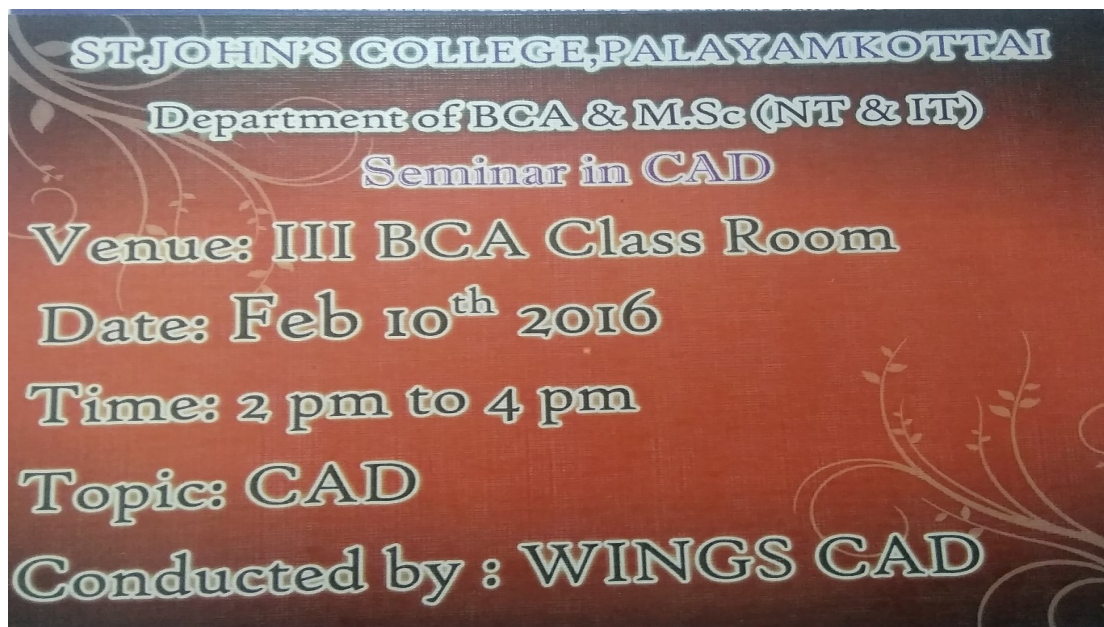
9.Outcome of the students meeting

- 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.
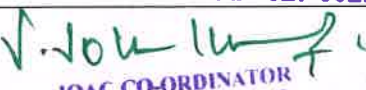
10.Suggestions

- 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 includes 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 radio 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.

Signature of the Academic Audit Panel Members

MR. B.Jefferson **Chair Person** Department of Computer Application & Networking. St.John's College, Palayamkottai	*(signature)* **H. O. D.;** **Comp. Appl. & Networking** **St. John's College (S.F),** Palayamkottai.
Subject Expert – 1 **Dr. Nancy Jasmine Goldina** Professor, Department of MCA Sarah tucker College Palayamkottai Tirunelveli	*(signature)* **Dr. NANCY JASMINE GOLDENA** MCA.,M.Phil.,Ph D. **Associate Professor** Department of Computer Application & Research Centre, Sarah Tucker College (Autonomous) Tirunelveli - 7.
Subject Expert – 2 **Mrs.P.S. Anitha** HOD, Department of Computer Scienece Annai Hajira College for women Melapalayam Tirunelveli.	*(signature)* Head of the Department of **Computer Science** **Annai Hajira Women's College** Melapalayam.
Industrialist **Mr. Iyyadurai** Properator, Jothi Computers Palayamkottai Tirunelveli	*(signature)* **JOTHI COMPUTER EDUCATION** **PALAYAMKOTTAI**
The Principal St.John's College Palayamkottai Tirunelveli	*(signature)* **PRINCIPAL** **ST. JOHN'S COLLEGE** **PALAYAMKOTTAI - 627 002.**
The IQAC Coordinator, St.John's College Palayamkottai Tirunelveli	*(signature)* **IQAC CO-ORDINATOR** **ST. JOHN'S COLLEGE** **PALAYAMKOTTAI**

ST. JOHN'S COLLEGE PALAYAMKOTTAI

Department of Electronics

Annual Academic Audit

2015 - 2016

Table of Content

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,overalldisciplineandacademicfunctioningofthedepartment,duties and responsibilities of faculty members, research and consultancy and class/coursecommittees.

The Annual Academic Audit of the Department was conducted on 12th and 13th August 2016.

Objectives of AcademicAuditing:

(i)   To define quality of each component of thefunctionalities.

(ii)   To define effectiveness of teaching – learningprocess.

(iii) Todevisemethodologytoconfirmmaximumoutputfromfacultymembersaswell asstudents.

(iv)   To ensure academic accountability and quality of technical education through proper guidelines for both teaching faculty andstudents/researchers.

Academic Audit PanelMembers

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 Enterprise

Schedule of the Annual AcademicAudit

DAY 1 (12th August 2016)	
Timing	**Activity**
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
DAY 2 (13th August 2017)	
Timing	**Activity**
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 inPrincipal's Office

DepartmentProfile

About theDepartment

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 ManonmaniumSundarnar 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 theDepartment:

For the Student by TheStudent.
Constructing theCharacter.

Infrastructure in theDepartment

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 forstudent s	Yes	Available
5	Internet access and related software	Yes	Available
6	Uninterrupted Power Supply	Yes	Available
7	Water Supply	Yes	Available

`   **Department LibraryFacilities**

Area in sq. Ft.	Total No. of Books Available
200	320

2. FacultyProfile

Faculty Strength	Total Staff –5 Men – 1 Women – 4
Qualification	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	Ms.Sudha Metilda	Assistant Professor	M.Sc
3	Mrs.R.Ramalakshmi	Assistant Professor	M.E
4	Mrs. Janet Nightingale	Assistant Professor	M.E
5	Ms. J. Shamili Shivani	Assistant Professor	M.E.

Students'Profile

Student's Statistics for the year2015-2016

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		Tota
		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	M	F	M	F
1	B.SC ELECTRONICS	4	0	0	0	0	0	5	1	5	0	3	0	0	0	2	0	1	0	20	1	2

PlacementDetails

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.	2013- 2016	8	1	3

Curriculum

Course EvaluationPattern

This program is under Choice Based Credit System of the University. Each paper is evaluated for100markswithInternal25marksandExternal75marks.Thedurationoftheexamination is 1 hour for internal assessment test and 3 hours for externalexamination.

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	

S.NO	SUBJECT CODE	SUBJECTS	CREDITS
1	GMEL11	Basic Electronic Devices	4
2	GAIE11	Office Automation	4
3	GEVS11	Environmental Studies	2
4	GMEL31	Electronic Circuits	4
5	GMEL32	Electronic Measurement & Circuit Theory	4
6	GAES11	Digital Data Communication	4
7	GSEL3A	Electrical Instrumentation & Measurement	4
8	GNES3A	Electronic Trouble Shooting	2
9	GMEL51	Microprocessor	4
10	GMEL52	Medical Electronics	4
11	GMEL53	Mathematics	4
12	GMEL5A	Television Engineering	5
13	GESB5A	Personality Development	4
14	GMEL21	Semiconductor Devices	4
15	GAIE21	C Programming	4
16	GVBE21	Value Based Education	2
17	GMEL41	Linear Integrated Circuits	4
18	GMEL4A	Computer Network	5
19	GSEL4A	Electrical Machines	4
20	GNES4A	Industrial Control	2
21	GAES41	Advanced Communication System	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	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 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:

Programme Name	Batch	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
B.Sc.	2013 – 2016	8	4	50

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.
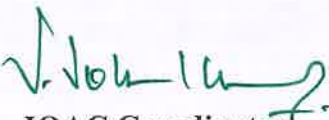
5. **Suggestions**

- 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

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.	R. ROBIN JESUBALAN, M.E., Head of the Department Department of Information Technology PSN Engineering College Melathediyoor, Tirunelveli
Subject Expert – 2 Mr. T. Lazar Head, Department of Electronics, Sri Paramakalyani College of Arts and Science, Alvarkurichi.	

IQAC Coordinator

IQAC CO-ORDINATOR
ST. JOHN'S COLLEGE
PALAYAMKOTTAI

Principal

PRINCIPAL
St. JOHN'S COLLEGE
PALAYAMKOTTAI - 627 002