

ANNUAL QUALITY ASSURANCE REPORT (AQAR)

2015 – 2016

Submitted to NAAC



Submitted by



NEHRU MEMORIAL COLLEGE

(AUTONOMOUS)

(Nationally accredited 'A' Grade by NAAC)

PUTHANAMPATTI, TIRUCHIRAPALLI Dist.

TAMILNADU – 621 007, INDIA.

(September – 2016)

1. Details of the Institution

1.1 Name of the Institution	NEHRU MEMORIAL COLLEGE (Autonomous)
1.2 Address Line 1	PUTHANNAMPATTI
Address Line 2	MUSIRI (TALUK)
City/Town	TIRUCHIRAPALLI- District
State	Tamil Nadu
Pin Code	621007
Institution e-mail address	info@nmc.ac.in
Contact Nos.	04327-234227
Name of the Head of the Institution:	DR.T.JAYAPRAKASAM M.Com.,M.Phil., Ph.D
Tel. No. with STD Code	04327 - 234228
Mobile:	09442869061
Name of the IQAC Co-ordinator:	Dr .A. VENKATESAN, M.Sc., M.Phil., Ph.D.,
Mobile:	094430 08804
IQAC e-mail address:	iqacnmc2012@gmail.com
1.3 NAAC Track ID	EC/62/A&A/033
1.4 Website address:	www.nmc.ac.in
Web-link of the AQAR:	www.nmc.ac.in

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.10	January 2013	January 2018

1.6 Date of Establishment of IQAC: DD/MM/YYYY

18/06/2011

1.7 AQAR for the year (for example 2015-16)

2015 - 2016

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 30-09-2016)

S.No	Year	Submission Date/Month
1	2012-2013	September 26, 2013
2	2013-2014	September 28, 2014
3	2014-2015	September 28, 2015
4	2015-2016	October 13, 2016

1.9 Institutional Status

University State ☒ Central ☐ Deemed ☐ Private ☐

Affiliated College Yes ☒ No ☐

Constituent College Yes ☐ No ☒

Autonomous college of UGC Yes ☒ No ☐

Regulatory Agency approved Institution Yes (UGC) ☒ No ☐

(Eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education ☒ Men ☒ Women ☒

Urban ☐ Rural ☒ Tribal ☐

Financial Status Grant-in-aid ☒ UGC 2(f) ☒ UGC 12B ☒

Grant-in-aid + Self Financing ☒ Totally Self-financing ☐

1.10 Type of Faculty/Programme

Arts ☒ Science ☒ Commerce ☒ Law ☐ PEI (Phys Edu) ☐

TEI (Edu) ☐ Engineering ☐ Health Science ☐ Management ☐
Others (Specify)

1.11 Name of the Affiliating University (*for the Colleges*)

Bharathidasan University
Tiruchirapalli.

1.12 Special status conferred by Central/ State Government--
UGC/CSIR/DST/DBT/ICMR etc -Nil

Autonomy by State/Central Govt. / University

University with Potential for Excellence UGC-CPE

DST Star Scheme UGC-CE

UGC-Special Assistance Programme DST-FIST

UGC-Innovative PG programmes ☒ any other
(Specify)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers	05
2.2 No. of Administrative/Technical staff	02
2.3 No. of students	02
2.4 No. of Management representatives	02
2.5 No. of Alumni	01
2.6 No. of any other stakeholder and Community representatives	---
2.7 No. of Employers/ Industrialists	01
2.8 No. of other External Experts	01
2.9 Total No. of members	14
2.10 No. of IQAC meetings held	04
2.11 No. of meetings with various stakeholders:	No. <input type="text" value="---"/> Faculty <input type="text" value="11(MQAC)"/>
	Non-Teaching Staff <input type="text" value="-----"/> Students <input type="text" value="-----"/> Alumni <input type="text" value="03"/> Others <input type="text" value="---"/>
2.12 Has IQAC received any funding from UGC during the year?	Yes <input type="text" value="--"/> No <input checked="" type="checkbox"/>
If yes, mention the amount	<input type="text" value="----"/>
2.13 Seminars and Conferences (only quality related)	
(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC	
Total Nos.	<input type="text" value="3"/> International <input type="text" value="--"/> National <input type="text" value="--"/> State <input type="text" value="--"/> Institution Level <input checked="" type="checkbox"/>

ii) Themes

1. Faculty Development Programme on “Sustenance/Enhancement of Quality in Higher Education” held on 5th August 2015.
2. Faculty Development Programme on “Revisiting Examination System in the Current Scenario” held on 19th March 2016
3. Orientation Programme for Teachers held on 13-14th June 2016
4. Development Programme for office staff on Maintenance of office held on 18th June 2016

1.14 Significant Activities and contributions made by IQAC

IQAC of the college has provided enough initiatives for quality enhancement in the academic and administrative activities. The IQAC has obtained information from various academic and administrative departments, committees and organisations on current activities and monitors the progress of the institution. The following is the significant contributions made by IQAC

1. Assisted administration to prepare any Proposals like UG and PG development Grants for XII plan period
2. Faculty Development Programme on “Sustenance/Enhancement of Quality in Higher Education” held on 5th August 2015.
3. Organized one-day Faculty Development Programme on “Revisiting Examination System in the Current Scenario” held on 19th March 2016.
4. Organized two-day on “Orientation Programme for Teachers” held on 13-14th June 2016.
5. Organized One-day Development Programme for office staff on “Maintenance of Office” held on 18th June 2016.
6. Obtained Feedback from students on Faculty and exit feedback from outgoing students.

1.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality, Enhancement and the outcome achieved by the end of the year.

Plan of Action	Achievements
To Conduct Faculty Development Programmes in this A/Y 2015- 16	<p>Faculty Development Programme on “Sustenance/Enhancement of Quality in Higher Education” held on 5th August 2015.</p> <p>Faculty Development Programme on Revisiting Examination System in the Current Scenario on 19th March 2016.</p> <p>Organized two-day Development Programme on “Orientation Programme for Teachers” held on 13-14 June 2016.</p>
To Conduct Management / Soft skill and human relationship development for Non Teaching staff.	<p>Organized One-day Development Programme for office staff on “Maintenance of Office” held on 18th June 2016.</p>
To conduct bridge course development for the students	<p>Department of English conducted bridge course for all 1st year students during June 2016.</p> <p>Department of Computer Science conducted bridge course for B.Sc 1st year students during June 2016.</p> <p>Department of Mathematics Conducted Bridge course for 1st B.Sc., Chemistry, Mathematics and Physics students on 3rd week of June 2016</p>

To conduct department wise guest lecture for the students and organize national seminars conference and workshop by various department	More than 40 Programmes are organized by the various departments of our college. Details are given in Annexure I
Yoga Programme to be conducted regularly	Yoga day on 21-06-2016 and yoga classes are conducted regularly.
To organize activities at inter collegiate level.	<p>Department of Chemistry conducted the inter collegiate meet “CHEM RACE-16” on 01.03.2016.</p> <p>Department of Computer Science conducted the inter collegiate meet “OPTRA 2016” on 12-02-2016.</p> <p>Department of Commerce conducted the inter collegiate meet “Com Cluster 2016” on 12.03.2016</p> <p>Department of Commerce conducted Consumer Protection Day on 15.03.2016</p> <p>Department of Mathematics conducted the inter collegiate meet RAMFEST 2015 on 15 to 22 December 2016</p> <p>Department of Zoology conducted the inter collegiate meet NMC- ZOOFEST – 2016 on 26.02.2016</p>
To encourage for publishing research articles, text books, magazine and seminar	Teachers were honoured with awards on sep 5 th , 2016 (Teachers day) for having Major/ Minor research projects as well as for produced Ph.D., Scholars, research publication.
Establishing NET/Set coaching centre.	NET coaching classes are conducted for PG Departments (Physics, Chemistry, Computer

	Science, Mathematics and Commerce)
To arrange Gender sensitization programmes.	<p>“Entrepreneurial Opportunities for Woman and Youth” Entrepreneurs Association of Tamil nadu, Joseph’s College, Trichy on 26-06-2015 & 27-06-2015</p> <p>“Traininer of Training” Department of Woman’s Studies Bharathidasan University, Trichy at Jamal Mohamed College, Trichy on 25-02-2016</p>
To strengthen the student counselling and guidance service.	<p>More than ten programmes were conducted for entry level services to UPSC,SSC,TNPSC</p> <p>Tutor ward system is being followed to give coaching and personal counselling to the students.</p>
To conduct more number of Extension Activities	<p>Community Outreach Programme in tie up with Syndicate Bank, Puthanampatti Mega SB Account campaign on 21.01.2016</p> <p>Community Outreach Programme in tie up with Puthanampatti Grameen panchayat Green India and Clean India rally on 28.01.2016</p> <p>Temple cleaning at Kamatchi Amman Temple, Puthanampatti on 8th Feb, 2016</p> <p>Former guild lines organized by Department of computer science on 13.09.2015 Shanmuganathan School, Puthanampatti</p> <p>Environmental studies and on initiative activity for beautifying college campus on 15.03.2016</p> <p>Woman Self Help Group association with</p>

	<p>syndicate bank on 19.02.2015</p> <p>40 tonnes of vermicompost produced and sold during 2015-2016</p> <p>An MoU was signed with ACEM Meditation foundation for meditation training for students and staff on 11 August 2015.</p> <p>A Mock Interview Programme for II year students was conducted on 10.09.2015.</p> <p>The Second ACEM Meditation Traing programme was organized on 16th December 2016.</p> <p>Quiz was conducted on 12th Feb 2016</p> <p>இலவச பொது மருத்துவ ஆலோசனை முகாம் (29.08.15) அன்று நடத்தப்பட்டது.</p> <p>மாணவ மாணவிகளுக்கான ஆண்டு விழா போட்டிகள் நடத்தப்பட்டது.</p> <p>ரோட்டரி சங்கம் தொடர்பாக (25.07.15),(26.07.15) அன்று நடத்தப்பட்ட Pets- Sets நிகழ்ச்சியில் 2 மாணவிகள் கலந்து கொண்டனர்.</p> <p>ரோட்டரி சங்கம் தொடர்பாக(23.09.15) அன்று நடத்தப்பட்ட cliff ryla நிகழ்ச்சியல் ஒரு மாணவி கலந்து கொண்டார்.</p> <p>ரோட்டரி சங்கம் தொடர்பாக (08.10.15) அன்று உணவு மற்றும் தண்ணீர் விரயமாவதை தடுப்பதற்காக விழிப்புணர்வு ஏற்படுத்தும் விதமாக மனித சங்கிலி நடைபெற்றதில் 73 மாணவிகளும் 3 பேராசிரியர்களும் கலந்து கொண்டனர்.</p> <p>Promoting the language skills on 12.09.2015</p> <p>Free Medical treatment camp on 29.08.2015</p>
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	The Memorandum of Understanding (MOU) for diploma course Yoga for youth empowerment (YYE) based on teaching and training on yoga practices, meditation, values, and personality development of students, teachers was organized on 19 th August 2015		
Placement Activities	198 students are placed in various companies during the year of 2015-16.		
Department	Rank Holders/ Seminars/Conference/ Workshop Attended by Students		
Computer Science	Name	Programme	Rank
	Naveen G	B.Sc CS	IV
	Sowndarya M	B.Sc CS	III
	Gowtham M	B.C.A	VII
	Amutha S	M.C.A	V
	Geetha C	M.C.A(L)	IXX
	Nandhini G	M.Sc I.T	VIII
Chemistry	Thilakshika k	B.Sc	VIII
	Lavanya R	M.Sc	VI
Commerce	J.Ravichandran	BBA	IV
	P.Sathiya Priya	M.com	VI
Physics	S. Pavitha	M.Sc	III
	P. Sharmila	B.Sc	VI
Zoology	T. Sangeetha	B.Sc	II
	M. Kala	M.Sc	XIV

Economics	R.Sowndarya	B.A	XIX
Staff serving as member as various boards	Our Staff have served as Members of Board of Studies, Members of Doctoral Committee of various colleges and universities and also acted as Journal Editors of their respective research area. Details are given in Annexure II		
Students Achievements and Awards	Students have actively participated in various programmes organized by different colleges and also received medals and cash awards for their performance. Details are provided in Annexure III		

*** The Academic Calendar of the year is attached as Annexure IV**

1.16 Whether the AQAR was placed in statutory body : Yes

Management ☒ Syndicate ☐ any other body ☒

Provide the details of the action taken

AQAR was placed before IQAC meeting held on 28.09.2016

Criterion – I**1. Curricular Aspects**

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	08	00	08	---
M.Phil	07	---	07	---
PG	11	---	11	---
UG	14	01(B.Sc., Botany)	08	---
PG Diploma	02	---	---	---
Advanced Diploma	05	---	---	---
Diploma	---	---	---	---
Certificate	05	01	05	---
Others	---	---	---	08
Total	52	02	39	08

Interdisciplinary				
Innovative				

List of programmes existing in the academic year 2015-16

Discipline	UG	PG	M.Phil	Ph.D
Arts	Economics, Tamil Lit., English Lit	-	—	Economics
Science	Physics, Chemistry, Mathematics, Zoology, Computer Science, Hotel	Computer Science, Physics, Zoology, Chemistry, Mathematics, Bio-technology,	Computer Science, Physics, Chemistry, Mathematics, Zoology, Bio-technology	Computer Science, Physics, Chemistry, Mathematics, Zoology, Bio-technology

Discipline	UG	PG	M.Phil	Ph.D
	Management, Computer Applications Botany	Information Technology, Computer Applications, Embedded Systems, M.A. English		
Commerce	Commerce, Commerce (Computer Applications)	Commerce	Commerce	Commerce
Management	Business Administration			
Department of Mathematics is organized Latex Certificate Course in this year.				
PG Diploma Programme				
1. Post Graduate Diploma in Computer Applications 2. Post Graduate Diploma in Hotel Management and Catering Science				
Advanced Diploma Programmes				
<ul style="list-style-type: none">• Computer Applications• Instrumentation• Electrical and Electronics Equipment Maintenance		<ul style="list-style-type: none">• Biofertilizers and Vermiculture• Herbal Plant Nursery		
Value Added Programmes				
<ul style="list-style-type: none">• Seminars• Career Guidance• Industrial visits / field trips• Coaching Classes for Entry into various services		<ul style="list-style-type: none">• Guest lectures• Remedial Coaching• Spoken English• Social Welfare Programmes		

List of Interdepartmental Collaborative programmes for UG/PG

UG – COLLABORATIVE PROGRAMMES			
S. No	Department	Name of the Course(s) offered	Students who opt for the Programme from the Dept. of
01	Computer Science	Internet and Web design	Mathematics, Physics, Commerce, BBA, English
02	Physics	Medical Physics PC Hardware	Zoology, Mathematics, Economics
03	Chemistry	Agricultural Science	Physics, Zoology, Mathematics, Economics, Comp. Science.
04	Zoology	Commercial Zoology	Economics, Chemistry, Physics
05	Commerce	General Commercial knowledge	Computer Science, Chemistry, Economics, & Zoology
06	Economics	Managerial Economics	Commerce & Mathematics
07	Mathematics	Quantitative Aptitude	Physics & Computer Science
PG – COLLABORATIVE PROGRAMMES			
08	Commerce	Human Resource Management, Accounting for Executives	Computer Science, Computer Applications.

09	Computer Science	Scientific Programming using Python	Mathematics, Commerce.
10	Mathematics	Statistics	Physics
11	Chemistry	Green and Industrial Chemistry	Zoology
12	Zoology	Medical Zoology	Chemistry
13	Physics	Crystal Growth & Thin films	Chemistry

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	48

1.3 Feedback from stakeholders*

Alumni ☒ Parents ☒ Employers ☐ Students ☒

(On all aspects)

Mode of feedback: Online ☐ Manual ☒ Co-operating schools (for PEI) ☐

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Major revision 2015 -2016

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Nehru Memorial College of Education has started in the year 2015-16

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of Permanent faculties

Total	Asst. Professors	Associate Professors	Asst. Professors	Associate Professors
Aided			Self-Finace	
174 With Principal	27	21	125	----
	48		125	
	01		Nil	

2.2 No. of permanent faculty with Ph.D.

55

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
-	1	-	-	-	-	-	-	-	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

36	Nil	--
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* Details are given **Annexure V**

2.5 Faculty participation in conferences and symposia:

Department	College and State level/National level		International level	
	Participation	Paper	Participation	Paper
Tamil	---	3	1	6
English	7	4	5	7
Physics	4	26	---	1
Chemistry	6	---	6	---
Comp. Science	3	---	---	7
Mathematics	2	12	3	---
Commerce	---	6	2	2
Zoology	9	---	4	14
Economics	5	2	2	---
Bio-Technology	---	---	---	---
Hotel Management	1	---	---	---
Resource Person				

* Details are given in **Annexure VI**

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Teaching process is enhanced by using ICT methodology.
- Teaching through demonstration.
- Learning through hands on experience and field visit.
- Learning through carrying out projects and experiments.
- Learning through web resources.

2.7 Total No. of actual teaching days
During this academic year

182

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy and Online Multiple Choice Questions)

Double valuation, Photocopy, Online Multiple Choice Question, Online exam application, Hall Ticket with time table.

2.9 No. of faculty members involved in curriculum
Restructuring/revision/syllabus development

1

0

0

As member of Board of Study/Faculty/Curriculum Development workshop

2.11 Course/Programme wise

Distribution of pass percentage:

UG Programmes

Title of the Programme	Total no. of students appeared	Division			
		Distinction %	Pass	Pass %	I Class
B.Sc Computer science	114	14	89	78.09	70
B.C.A	81	12	61	75.31	42
B.Sc Mathematics	152	36	112	73.68	66
B.Sc Physics	126	11	78	61.90	61
B.Sc Chemistry	44	12	28	63.64	16
B.Sc Zoology	41	8	37	90.24	28
B.Com	106	3	74	69.72	51
B.B.A	42	5	27	64.29	10
B.A Economics	25	---	19	76	9
B.A English Literature	123	---	84	68.29	17
B.A Tamil literature	23	---	22	95.65	18
B.Com CA	54	1	30	55.55	28
B.Sc HMCS	16	2	7	43.75	5

PG Programmes

Title of the Programme	Total no. of students appeared	Division			
		Distinction %	Pass	Pass %	I Class
M.C.A	14	---	14	100	14
M.C.A(L)	8	1	5	62.5	4
M.Sc Computer Science	23	13	23	100	10
M.Sc Info. Technology	2	1	2	100	1

M.Sc Mathematics	41	31	37	90.24	6
M.Sc Physics	8	1	5	87.33	4
M.Sc Chemistry	8	2	4	50	2
M.Sc Zoology	5	3	5	100	2
M.Sc Bio- Technology	5	2	5	100	3
M.Sc., Embedded System	2	2	2	100	--
M.A., English Literature	22	---	19	86.36	12
M.Com	16	---	14	87.5	10

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

The teaching- learning process is continuously reviewed by the Principal, Head of the Department by taking into account the feedback given by the students. Each department submits an annual report on the activities comprising academic activities, research and extension activities, innovations in teaching/learning, publications, staff and student achievements, extra and co-curricular activities to the IQAC. The result analysis of each department is submitted to the Principal after each semester. An expert panel comprising senior faculty members from our college / other colleges / Universities is nominated as experts to conduct academic audit on teaching learning evaluation procedures of individual departments. The observations of these audits are instrumental in introducing measures to improve teaching-learning and evaluation.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	2
UGC – Faculty Improvement Programme	165
HRD programmes	Nil
Orientation programmes	70
Faculty exchange programme	Nil
Staff training conducted by the university	Nil
Staff training conducted by other institutions	Nil
Summer / Winter schools, Workshops, etc.	43
Others	Nil

2.14 Details of Administrative and Technical staff

Category	Aided	Self supporting
Administrative Staff	20	30
Technical Staff	10	12
Vacant	7	Nil

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Research is one of the identified strategic areas of our focus. The Policy of the college is to encourage faculty to take up research include:

- Motivating the faculty to register for Ph. D
- Research facilities, free Internet, N-List, research journals are provided
- Encourage to participate and present papers in seminars/workshops/conferences etc at the National /International levels.
- Encourage to apply for Major and Minor Research Projects
- Eminent Resource Persons are invited to conduct workshops/seminars/guest lectures on topics of research interest.
- Faculty members with Doctorate degree are encouraged to take up the role of internal guides to their peers pursuing research and publications.
- College rewards the faculty with Appreciation award department-wise taking into consideration of their contribution towards research.
- Research culture among the student body is cultivated through academic programmes which promote research attitude and aptitude.

3.2 Details regarding Major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	3	3	---	4
Outlay in Rs. (Lakhs)	48,41,800	59,53,000	---	62,61,000

S.No	Name of the Staff	Amount (Rs)	Title of the Project	Duration of the Project	Funding Agency	Status of Project Ongoing/ Completed	Department
1	Dr. K. Saravanan	8.958 lakhs	“Isolation, characterization evaluation of antidiabetic effect of traditionally used herbal plants on STZ induced diabetic rats”.	2012-2015	UGC Major Research Project	Completed	Zoology
2	Dr.A.Boopathiraja	21.46 lakhs	“Evaluation of antidiabetic effect of Bougainvillea glabra flower extract and Mg doped ZnS nano particle in different cell lines”.	2012-2015	DST-Fast Track Young Scientist Award.	Completed	Zoology
3	Dr. C. Renuka	18 lakhs	“Isolation, characterization and antidiabetic evaluation of flavonoid compound of Biophytum sensitivum in pancreatic cell line”	2013-2015	DST-Fast Track Young Scientist Award.	Completed	Zoology
4	Dr.S. Kumararaman	11.85 Lakhs	Kinetics Growth and Characterisation of Bimetallic Crystals	2013-2016	UGC Major research Project	Ongoing	Physics
5	Dr.K.Srinivasan	24.65 Lakhs	Design and study of regular and delayed chaotic circuits for emergent nonlinear phenomena	2015-2018	DST-SERB FAST TRACK - YOUNG SCIENTISTS.	Ongoing	Physics

6	P. Neelananarayanan	23.3 lakhs	Birds of agricultural importance with special emphasis on owls, Central district of Tamil Nadu	2014-2017	Indian Council of Agricultural Research	Ongoing	Zoology
7	Dr. S.Kumararaman	20.65 lakhs	Design and fabrication of Electro optic Modulator	2016	DST SERB	Proposals Submitted	Physics
8	Dr. V.Ramesh	36.96 lakhs	Studies on Exploration of Insecticidal Properties of <i>Datura stramonium</i> (F.) under Organic farming	2016	Early Career Research Award, File No: ECR/2016/000791	Proposals Submitted	Zoology
9	Dr. M. Ramesh	6.00 lakhs	Exploration and studies on novel 8-Hydroxy quinolone Based drugs	2016	UGC Start up Grant, New Delhi, India	Proposals Submitted	Chemistry
10	Dr. M. Ramesh	5.00 lakhs	Studies on Novel Metal Complexes of 8-Hydroxyquinoline Derivatives and Evolution of their Pharmacological activities.	2016	UGC	Proposals Submitted	Chemistry

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	---	4	---	7
Outlay in Rs. Lakhs	---	7,80,000	---	21,06,800

S.No	Name of the Staff	Amount (Rs)	Title of the Project	Duration of the Project	Funding Agency	Status of Project Ongoing/ Completed	Department
1	Dr.K.T.Tamilmani	3.00 Lakhs	Developing Effective Strategies for Enriching the word power of the First – generation Rural Learners	2014-16	UGC	Ongoing	English
2	Dr.M.Meenakshis undaram	3.30 Lakhs	Detoxification of heavy metals by biosurfactant producing bacteria from uyyokondan river, Tiruchirappalli district, Tamilnadu	2015-17	UGC	Ongoing	Biotechnology
3	Dr.T. Jayaprakasam	0.7 Lakhs	The roll of microfinance in the socio economic development with special reference to gramman bank for powerty reduction in trichirappalli	2015	UGC	Ongoing	Commerce
4	Mrs.S. Kanchi devi	0.8 Lakhs	A study on learning resource constraints in the higher	2015	UGC	Ongoing	

			education with a reference government and private colleges trichirappalli district, tamilnadu				
5	Dr. V. Ramesh	4.94 Lakhs	Bioactivities of Flowering plant <i>Poncirus trifoliata</i> L. (Family: Rutaceae) against vector mosquitoes	2015-2016	UGC	Proposals Submitted	Zoology
6	Dr. N. Ramesh	4.93 Lakhs	Population ecology of Indian Peafowl (<i>Pavo cristatus</i> , Linnaeus 1758) in selected Talukas of Trichy district, Tamilnadu, Southern India with special reference to Threats by Poisoning in different Agro ecosystems.	2016	UGC	Proposals Submitted	Zoology
7	Prof. M.P. Santhi	4.90 Lakhs	Isolation, Identification and characterization of anticancer compounds from <i>biophytum sensitivum</i>	2015-16	UGC, Hyderabad	Proposals Submitted	Zoology

8	M. Kesavan (Reg No. P14Z 4503) P. Muthukumar (RegNo. P14Z 4505) Under the guidance of Dr. N. Ramesh	0.075 Lakhs	Larvicidal activity of Silver Nanoparticles synthezed by various leaf extracts against larvae of Culex quinquefasciatus (SAY) (Diptera: Culicidae).	2015-16	(TNS CST)	Proposals Submitted	Zoology
9	Dr.A.Rajendran	4.75 Lakhs	Design and development of a Chua's circuit to demonstrate chaos for science and engineering graduates using ARM Microcontroller	2016	UGC	Proposals Submitted	Physics
10	Dr.R.Manimekalai	0.7 Lakhs	Economics of Egg Exports with special reference to Namakkal District, Tamil Nadu	2016	UGC	Proposals Submitted	Economics
11	Dr.Karunaharan	0.8 Lakhs	Role of State and Non- State Institutions for Economic Survival of Mechanized Boat Workers during Marine Fishing Ban in Ramanathapuram District, Tamil Nadu	2016	UGC	Proposals Submitted	

3.4 Details on research publications:

Department	National	International
Tamil	---	---
English	1	4
Physics	1	8
Chemistry	13	11
Computer Science	---	32
Mathematics	---	18
Commerce	---	5
Zoology	1	19
Economics	---	1
Bio-Technology	---	8
Hotel Management	---	---
Total	16	106

* Details are given in **Annexure VII**

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2015-2016	UGC,DST,ICAR	59,80,000	
Minor Projects	2015-2016	UGC	3, 30, 000	
Interdisciplinary Projects	2015-2016	---	---	---
Industry sponsored	2015-2016	---	---	---
Projects sponsored by the University/ College	2015-2016	---	---	---
Students research projects (other than compulsory by the University)	2015-2016	---	---	---
Any other(Specify)				
Total			63,10,000	

3.7 No. of books published

i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

Author	Title	Publishers	Year	Department
Revathi, G. Elavarasi, S., Saravanan, K and Bhir Bahadur	Ethnobotany of India	Apple Academic Press, USA.	2016	Zoology
Department of English	English for Communicative Competence	Pogo Publishing House	2016	English
Department of English	English for Employability	Pogo Publishing House	2016	English
Department of Tamil	இக்கால இலக்கியம் (தமிழ் செய்யுள் திரட்டு)	தமிழ்த்துறை	2016	Tamil
Department of Tamil	இடைக்கால இலக்கியம் (தமிழ் செய்யுள் திரட்டு)	தமிழ்த்துறை	2016	Tamil
Department of Tamil	காப்பியங்கள் (தமிழ் செய்யுள் திரட்டு)	தமிழ்த்துறை	2016	Tamil
Department of Tamil	பழந்தமிழ் இலக்கியம் (தமிழ் செய்யுள் திரட்டு)	தமிழ்த்துறை	2016	Tamil

3.8 No. of University Departments receiving funds from

UGC-SAP

CAS

DST-FIST

DPE

DBT Scheme/funds

3.9 For colleges Autonomy

CPE

DBT Star Scheme

INSPIRE

CE

Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution: 20

S.No	Name of the Conference Organized	Funding agency	Period	Department
1	Application Development using Python	NMC	29, 31 Sep 2015	Computer Science
2	Code yourself with PYTHON	NMC	24 to 25 Feb 2016	Computer Science
3	Nano technologies: opportunities and excitement	NMC	19.02.2016	Chemistry
4	Inter-Collegiate competition – CHEM RACE-16	NMC	1.3.2016	Chemistry
5	Seminar on “Dynamic Stereochemistry”	NMC	14.3.2016	Chemistry
6	ACEM Meditation Training Programme for Students and Staff	NMC	11 th August 2015	English
7	The second ACEM Meditation Training Programme	NMC	16 th December 2015	English
8	A Guest Lecture on “Effective Writing Skills	UGC Autonomous Grant	17 th August 2015	English
9	A General Quiz Competition was conducted	UGC Autonomous Grant	12 th Feb 2016	English
10	A Mock Interview Programme for II Year students	UGC Autonomous Grant	10 th Sep 2015	English
11	A Guest Lecture on “Human Rights and Women’s Rights”	UGC Autonomous Grant	19 th Feb 2016	English

12	Inspire Science camp under Internship scheme	DST	August 4 th -8 th , 2015	Bio Technology
13	Inspire Science camp under Internship scheme	DST	November, 14-18 th , 2015.	Bio Technology
14	Science academies Lecture workshop on “New Frontiers in Plant Sciences and Biotechnology”	Indian Academy of Sciences	March 3-5 th , 2016.	Bio Technology
15	Physics as a Feature Carrier for Youngster	SERB, DST	27.06. 2016	Physics
16	Design and simulation of electronic circuits using Proteus software	NMC	09.01.2016	Physics
17	Symposium on mathematical modelling	NMC	11.09.2015	Mathematics
18	Two day Workshop on R	UGC Autonomous Grant	25-26 Sep 2015	Mathematics
19	One day Workshop on R	UGC Autonomous Grant	12.12.2015	Mathematics
20	International Conference on Emerging trends in business environment	UGC Autonomous Grant	16.02.2016	Commerce

3.12 No. of faculty served as experts, chairpersons or resource persons

36

* Details are given in **Annexure VIII**

3.13 No. of collaborations International - National - Any other -

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From funding agency From Management of University/ College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
---	---	---	---	---	---	03

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

S. No	Name of the Staff	Name of the Candidate	Topic	Month & Year of Registration	Department
1	Dr.S.Kumararaman	T.Muruganatham	Crystal growth	Jan 2014	Physics
2	Dr.V.Pandiyan	S. Mathi	Thermo dynamics	Oct 2014	Physics
3	Dr.V.Pandiyan	P. Gananamozai	DFT	Sep 2014	Physics
4	Dr.V.Pandiyan	S.Ravikumar	Thermo dynamics	Apr 2016	Physics
5	Dr.V.Pandiyan	R. Raju	Thermo dynamics	Apr 2016	Physics
6	Dr.K. Ganasekaran	M.Iqbal	Liquid Crystal	Oct 2014	Physics
7	Dr.K. Ganasekaran	S.Manimekalai	Liquid Crystal	Oct 2014	Physics

8	Dr.A. Venkatesan	M.Sathish Aravindh	Non Linear Dynamics	Apr 2016	Physics
9	Dr.T. Porselvi	R. Devimariammal	Grape Cultivation	Sep 2014	Economics
10	Dr.T. Porselvi	V. Shanthi	Live Stock	Sep 2014	Economics
11	Dr.V. Mohanaselvi	K. Deivakumari	Graph Theory	Apr 2015	Maths
12	Dr.V. Mohanaselvi	M.Suresh	Graph Theory	Apr 2015	Maths
13	Dr.V. Mohanaselvi	P. Kavitha	Graph Theory	Jul 2015	Maths
14	Dr.V. Mohanaselvi	V. Hemalatha	Graph Theory	Oct 2015	Maths
15	Dr.V. Mohanaselvi	U.Udhayakumari	Graph Theory	Oct 2015	Maths
16	Dr. V. Saavithri	Akilandeswari	Mathematical Modelling	Apr 2014	Maths
17	Dr.A.Sekar	R. Mohanraja	Biomimic System	Apr 2014	Chemistry
18	Dr.A.Sekar	K.Palanisamy	Corrosion	Apr 2014	Chemistry
19	Dr.A.Sekar	F. Paul Arokiadoss	Reaction Mechanism	Jul 2014	Chemistry
20	Dr.R.Periayasamy	P.Sharmila devi	Data Mining	Jan 2014	Computer Science
21	Dr.T.Gayathri	C. Muthuraj	Mobile Banking	Oct 2015	Commerce
22	Dr.T.Gayathri	S. Dhanaselvi	Marketing	Oct 2015	Commerce
23	Dr.T.Gayathri	S. Ram Kumar	HR	Apr 2016	Commerce
24	Dr.P.Neelannarayanan	T. Siva	Management of pests by using Indian eagle owl	Oct 2015	Zoology
25	Dr.P.Neelannarayanan	Mahendra manivasan	Management of insect pests using organic inputs	Oct 2015	Zoology
26	Dr.K. Saravanan	P. Premalatha	Genetic variability of	Jul 2015	Zoology

			fresh water mussle		
27	Dr.K.Mani	R. Mohanakrishnan	Cloud Virtualization	Jul 2014	Computer Science
28	Dr.K.Mani	A.Mullai	Mobile Computing	Jul 2014	Computer Science
29	Dr.K.Mani	P. Kalpana	Data Mining	Oct 2014	Computer Science
30	Dr.K.Mani	N.Elavarasan	Data Mining	Oct 2014	Computer Science
31	Dr.K.Mani	A.Devi	Cryptography	Jul 2015	Computer Science
32	Dr.K.Mani	R. Mahendran	Cryptography	Jul 2015	Computer Science
33	Dr.K.Mani	R.Akila	Data Mining	Jul 2015	Computer Science
34	Dr.K.Mani	M. Viswambari	Cryptography	Jul 2015	Computer Science
35	Dr.R.Periayasamy	A. Misbhahulhuda	Data mining	Apr 2016	Computer Science
36	Dr.R.Periayasamy	M.Chandamona	Data mining	Jul 2016	Computer Science
37	Dr.R.Periayasamy	V.Gayathri	Data mining	Jul 2016	Computer Science

3.19 No. of Ph.D. awarded by faculty from the Institution

03

Sl. No	Department	Name of the Supervisor	Student Name	Awarded Year
1	Zoology	Dr. P. Neelanarayanan	J. Viji	09.3.2016
2	Zoology	Dr. K. Saravanan	S. Elavarasi	16.4.2016
3	Economics	Dr.T.Porselvi	R,Geetha	17-12-2015

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

Scheme of the Fellowship	Name of the Students	Name of the Award	Funding agency	Period	Purpose	Total
JRF	B.Umarani	RGNF	UGC, New Delhi	2013-2015	Ph.D	5
	P.Karupppannan	RGNF	UGC, New Delhi	2013-2015	Ph.D	
	Ms.Premalatha	RGNF	UGC, New Delhi	2015-2017	Ph.D	
	T.Siva	ICAR SRF	UGC, New Delhi	2015-2017	Ph.D	
	T. Muruganathanm	RGNF	UGC, New Delhi	2014-2016	Ph.D	
SRF	R.Arulpriya	RGNF	UGC, New Delhi	2014-2017	Ph.D	1

3.21 No. of students Participated in NSS events: 500

University level	250	State level	---
National level	--	International level	--

3.22 No. of students participated in NCC events:

University level	4	State level	01
National level	4	International level	Nil

3.23 No. of Awards won in NSS:

University level	Nil	State level	Nil
National level	Nil	International level	Nil

3.24 No. Of Awards won in NCC:

University level	Nil	State level	Nil
National level	Nil	International level	Nil

3.25 No. of Extension activities organized

University forum	Nil	College forum	Nil
NCC	01	NSS	01
		Any other	--

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	47.15acrs	-	-	47.15acrs
Class rooms	84	09	-	93
Laboratories	13	02	Management Account	
Seminar Halls	03	-	-	-
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	-	10	Autonomous Account	
Value of the equipment purchased during the year (Rs. in Lakhs)	-	9,89,700	Autonomous Account	-
Others	-	-	-	-

4.2 Computerization of administration and library

The college has a data management software system covering various aspects of academic, administration. Student's attendance, continuous internal assessment marks, registration for further programmes and purchase of various requirements of departments and centres are effectively and efficiently managed through this computer system. This system enabled a fool proof mechanism for documenting, monitoring and controlling various transactions which are financial, academic and administrative in nature.

Library:

Unique Library Software Koha is being used for maintenance of Library. Data Entry (Books, Journals, Membership), Transaction (Issue, Return, Renewal and Fine Collection), Gate Entry, Generation of various Reports. Digital Library is maintained with DSPACE software to upload and upgrade the various e-resources (Books, Journals, database). Inside the Library two systems have been provided for the users to browse the OPAC. Our Library subscribes to the UGC N-List programme.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	38510	75,39,480	2184	43,16,146	40694	118,55,626
Reference Books	3913	17,10,962	592	1,88,319	4505	18,99,281
e-Books	2650	9,82,000	286	84,565	2936	10,66,565
Journals	-	-	30	60,330	30	60,330
e-Journals	-	-	-	-	-	-
Digital Database	-	-	-	-	-	-
CD & Video	486	40,800	92	18,250	578	59,050
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	338	260	10	10	---	15	25	18
Added	120	---	120	30	---	14	36	---
Total	458	260	130	40	---	29	61	18

4.5 Computer, Internet access, training to teachers and students and any other programme for technology Upgradation (Networking, e-Governance etc.)

1. This year e-Internal Assessment is introduced for our staff to calculate and submit the Continuous Internal Marks (CIA) through Intranet available in our college.
2. E-Student profile has created and students can check their attendance and other particulars.
3. Online – e - application for examination.
4. Result announced in the internet as well as SMS.

4.6 Amount spent on maintenance in lakhs:

i) ICT	110811
ii) Campus Infrastructure and facilities	323960
iii) Equipments	274327
iv) Others	----
Total:	711153

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

IQAC collates feedback from students on various support services available in the college which were duly considered for enhancement of quality of such support services in the college. The college has an effective system of remedial and tutorial for students in need of greater academic help which are duly supervised by the heads of the departments. Feedback on such programmes is made available to the staff through IQAC for quality sustenance and improvement.

5.2 Efforts made by the institution for tracking the progression

Heads of the department MQAC and IQAC meet once in a month to discuss on the progress of students in academics. The suggestions and feedback from the HODs helps the college in taking policy decisions in amending a suitable system to assure and enhance academic performance of the students in each and every semester. From the past experience the college can understand that 50% of the students, who passed UG, usually go for various B. Ed. programmes in different specialization in different institutions. 10-20% of PG students who have successfully completed PG and having research orientation take M.Phil programme as their further academic progression. 10% of the students who have completed their UG successfully generally take up some job either through campus placement or through their personal efforts.

5.3 (a) Total Number of students

UG	PG	M.Phil	Ph. D.
3343	360	137	26

(b) No. of students outside the state

1

(c) No. of international students

36

No	%
1425	37

Men

No	%
2417	63

Women

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
787	1186	299	903	05	3180	1097	1107	117	1521	8	3842

Demand ratio 2.1%

Dropout 1 %

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

The UGC identified our college to conduct “Coaching class for Entry in Services” under XI and XII Five year plans merged scheme, for the SC/ST, OBC and minority student. Librarian has served as coordinator for implementing the above said scheme. 25 programmes have been organized in this academic year and more than 150 students participated in each and every programme.

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT
IAS/IPS etc State PSC UPSC Others

5.6 Details of student counselling and career guidance

- a. Counselling** : 763 students are beneficiary in the Class room Counselling.
- b. Career guidance programme** : 12 Programmes conducted by the various departments.

No. of students benefitted

5.7 Details of campus placement

Number of Organizations Visited	Number of Students Participated	Number of Students Placed
H.O.V. Source, Puthanampatti	82	80
Unisys Technologies, Bangalore	220	04
Soft Square Solution, Chennai	45	04
Vee Technologies, Salem	34	10

IDBI Bank, Coimbatore	90	22
HDFC	70	23
Apolo Medi Skills,Trichy	34	33
Fourtix Technologies, Trichy	14	09
Alcance Technoogies, Chennai	23	13

5.8 Details of gender sensitization Programmes

Name of the Student	Title of the Programme	Organized by	Venue and Date
M.Sabeer, T. Remesh, D.Meena, T.Parkave, R. Gomathi, R. Hemalatha and T. Chitra	Attended Two day Seminar on “Entrepreneurial Opportunities for Woman and Youth”	Woman Entreprenurs Association of Tamil Nadu,Trichy	St.Joseph’s College, Trichy on 26-6-2015 & 27- 06-2015
Tmt.S.Suguna, Assistant Professor of Economics	Trainer of Training	Department of Woman’s Studies BDU, Trichy	Jamal Mohamed College, Trichy on 25-02-2016
P.Chirta, V. Poornima of III B.A. Economics	Trainer of Training	Department of Woman’s Studies BDU, Trichy	Jamal Mohamed College, Trichy on 25-02-2016
S. Saravanan, C.Tholkappian of I M.Sc Maths	Trainer of Training	Department of Woman’s Studies BDU, Trichy	Jamal Mohamed College, Trichy on 25-02-2016
K.Sakunthala, S.Thiyagarajan, K.Arunkumar, R.Yasotha of III B.A Economics	Attended Two day Seminar on “Entrepreneurial Opportunities for Woman and Youth”	Department of Woman’s Studies BDU, Trichy Woman Entreprenurs Association of Tamil Nadu,Trichy	St.Joseph’s College, Trichy on 26-6-2015 & 27- 06-2015

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events Sports:

State/ University level National level International level

State / University/ College Level	Event	No. of Students	Place of performance
University Level	Intercollegiate Meet on December 8 th to 10 th 2015	15	Championship Girls & boys
University Level	Intercollegiate Meet on January 16 2016	5	Third

Cultural: State/ University level National level International level

State / University Level	Event	No. of Students	Place of performance
University level	Folk orchestra	1	Second
University level	Kit	11	Third
University level	Mine	6	Third

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	222	1208632
Financial support from government	2551	18300307
Financial support from other sources	4	25500
Number of students who received International /National recognitions.	----	-----

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

- College should increases the number of Buses
- Need more drinking water facility
- Lot of Monkey menace

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision

For Knowledge, Justice and Peace

Mission

With a view to realizing this vision, the college has taken up the mission

- (i) To impart the right kind of knowledge among the rural students with the aid of computers and other equipment,
- (ii) To ensure social justice for the rural people through various academic and non-academic activities viz., Cultural and Literary competitions, NSS, NCC, YRC, Gender Club etc.
- (iii) To stabilize inner peace in the minds of the young learners through meditation and Yoga practice in order to ensure peace among the rural people.

Mission Goals

Promoting higher level academic pursuits

Building the Confidence level of the rural students

Providing ample opportunities for Career Growth

Sensitizing the youth about social justice and responsibility

6.2 Does the Institution has a management Information System

Yes

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

1. The quality in curriculum is ensured by involving various experts from universities, colleges, industries and alumni.
2. The institution takes every possible step to include the feedback of various stakeholders from community in the curriculum design process.

3. Academic flexibility is ensured by offering various courses like SKBC, NMEC, OEC etc so as to enable the students to choose the courses of their choice.
4. The institution designs the curriculum to suit the needs of the industry.
5. Internalization of value system in the academic curriculum
6. Internship program in collaboration with industries and business organization/university
7. Fostering global competencies among students through the use of technology
8. Introduction of certificate courses, value added courses, and extension activities
9. Variety of Skill Based Course options are available
10. Comprehensive course is offered

6.3.2 Teaching and Learning

6.3.3 Examination and Evaluation

- The College adopts single external valuation for the UG programmes and double valuation for PG and M.Phil. Programmes.
- All the courses, for all the parts, question papers are set and the Valuations are carried out only by the external examiners.
- E-Assignments, Class Assignments are given
- Comprehensive course has been introduced for all UG programmes.

6.3.4 Research and Development

- The Research and Development Cell of our college formulates policy guidelines and rules and regulations for various matters related to research and consultancy. It supervises research work at our college continuously and enables research potentials of the college with adequate infrastructure supports.

- The staffs are encouraged to write minor projects and major projects in consultation with R&D Cell and experts of their area of research to write research proposals.
- Staff members are encouraged with awards and cash prizes for their efforts to pursue research by undertaking minor and major projects and guiding M. Phil. And Ph. D Degrees.
- Staff members are encouraged and their contributions in the form of publication of research articles are suitable acknowledged with honorarium.
- To enhance the quality of the research the college upgraded the infrastructure facilities and procured basic and advanced equipment for carrying out research activities.
- The institution established a Centre for Eco-friendly Agro-Technologies (CEAT) for pursuing research in Vermi Bio Technology and Management of Rodent pests.
- Unlimited Broadband Internet facilities, Wi-fi connectivity, N-list subscription are provided to the faculty members for carrying out research.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- The Management institute 300kw solar power in order to provide uninterrupted power supply to our campus.
- The management has a liberal policy to provide adequate matching funds from their own resources for constructing Digital library, Career guidance Cell.
- The management invests adequate funds for the purpose of purchasing Lab equipment, transport and power.
- A separate department of estate maintenance has been established by appointing estate maintenance officer and site engineer to look after the campus maintenance.
- A separate instrumentation maintenance facility for Bio-technology is established to maintain equipments.

- Nonlinear Electronic Lab, Center for Herbal Medical Research is established.
- All the departments are provided with desk top computers, lap top, LCD projectors with internet facilities.
- Motivating the faculty members to create e-content designing of learning materials and power point presentations using ICT
- Establishing a separate computer centre with internet facility in women's hostel.
- Provision for purified water to all students.
- Career/employment information services in the library
- Displaying new arrivals in the library
- Organizing book exhibition every year.
- Compiling a list of catalogue of dissertation on subject wise.

6.3.6 Human Resource Management

Human Resource Management is working on the strategy of maximum utilization of resources in a better way.

- HR planning is done based on the workload in the departments
- HODs in coordination of the Principal plans for the faculty requirement.
- The institution has always had the required number of qualified and competent teachers to handle all the courses in all departments.
- The management has sustained the admirable practice of filling all vacancies promptly
- Training and development programmes for teaching and non-teaching staff are conducted as per the requirement
- Orientation of the newly recruited staff and present faculty
- Welfare measures for teaching and non-teaching staff were introduced.

The institute takes care of its human resources. Employees are given

utmost importance and their needs are recognized well on college annual day and teachers' day.

6.3.7 Faculty and Staff recruitment

For aided stream

- All the appointments were made as per the Government norms and UGC guidelines.
- Roster system is followed while filling up the vacancies as per Tamil Nadu Government norms.

For unaided stream

- The process of manpower planning for Self financed courses starts in the month of April and May.
- The college management appoints the required teachers. Advertisements are made inviting applications for lecturers in various disciplines. The candidates are also called for interview and it is conducted by a team of subject expert, Principal, concerned HOD and the Co-ordinator of the self – financed programmes.

6.3.8 Industry Interaction / Collaboration

Our institution has established linkages with following organizations for pursuing research and carrying out extension programmes. These linkages programmes are beneficial to the faculty members for developing their expertise and provide a platform for hands on training.

1. Crystal Growth Centre, Chennai
2. SSN College of Engineering, Chennai
3. Center for Non Linear Dynamics, Bharathidasan University, Tiruchirappalli.
4. Rajiv Gandhi Center for Bio Technology, Tiruvananthapuram
5. VIBIS HONEY, Madurai.
6. TANUVAS, Veterinary University Training and Research Centre, Namakkal, Tiruchirappalli and Thanjavur.
7. Department of Sericulture, Govt. of Tamil Nadu, Tiruchirappalli.
M/s. HOV Services Limited, Chennai.

Administrative Audit:

The college Management has appointed a qualified Chartered Accountant as the auditor of the college. The college accounting section prepares the final accounts for the financial year ending 31st March, every year. The college auditor conducts the final audit, certifies the accounts and presents the audit report to the Management Committee for approval.

Every year external audit is conducted by the office of the Joint Director of Collegiate Education, Tiruchirappalli Region. The audit section of the office of the Accountant General, Chennai also conducts audit on the accounts of the college as and when it deems fit and necessary.

For the grants received from the funding agencies like UGC, DST etc. separate expenditure statements and utilization certificates are prepared and audited by a qualified chartered accountant and the same are submitted to the agencies concerned.

The college is planning to conduct external administrative audit in the year 2016-17.

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes ☒ Yes ☐ No

For PG Programmes ☒ Yes ☐ No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

The advent of autonomy introduced major examination reforms in the college, predominantly seen in the following:

- The introduction of continuous internal assessment with innovative methods of evaluation like presentations/seminars, creative assignments/mini projects have created a learning atmosphere right through the year focusing the attention of the students on incremental learning and internalisation.
- Regularly the question paper pattern is reviewed

- Autonomy has made different modes of evaluation available to the teacher via skilled based tests, giving scope to test not just knowledge but also multiple intelligence like creative thinking, soft skills etc.,
- Transparency and pre-audit reflect the positive impact on the system.

Further, The College has constituted an Examination Reform Committee with controller of examination as convenor to suggest suitable mechanisms to restructure the present examination systems.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

The University nominates its representatives in various bodies like governing body, Academic council and Board of studies in our college. They have given us enormous ideas and feed back to enhance the quality in all aspects. The autonomy review committee from the university provides insights on areas of concern in autonomous colleges. It enables the autonomous colleges to revive its autonomy in a meaningful and relevant manner.

6.11 Activities and support from the Alumni Association

The College has a long list of renowned alumni working in various government and private sector organizations. In fact, the alumni play a vital role in the development of the Alma matter. They guide the students to get projects and placements. The alumni frequently visit the college and deliver special lectures. Every department arranges regular visit of the alumni in order to motivate the students. General Alumni meeting held on August 22 October 2th December 12, 27 2015. More than 200 alumnae came to the campus and shared their experiences.

6.12 Activities and support from the Parent – Teacher Association

The college has an active parent-teacher forum which meets thrice in a year to support the management with various suggestions and feedback. The following suggestions were obtained, information on courses offered by details of scholarships and concessions, banking loan and campus recruitments are to be provided to all parents through an effective mode of communication.

6.13 Development programmes for support staff

The Non teaching staff members are trained in using computer packages. The non teaching staff members are also encouraged to appear for Tamilnadu Public Service Commission Departmental examinations.

6.14 Initiatives taken by the institution to make the campus eco-friend

- Adopting concrete energy saving strategies in the campus and also in creating Awareness among students and staff about its critical significance.
- Waste water from Hostels is efftely used for farming purpose.
- Tree wastes, leaves are used for making bio fertilizer.
- The plantation and maintenance of trees in the campus as well as creating awareness about the eco-system to nearby villages by NSS and NCC volunteers is regularly conducted.
- Institute a solar power system.
- Rain water harvesting system is properly initiated so as to have plenty of drinking water as well as for forming purpose.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the Functioning of the institution. Give details.

Curriculum Aspects:

1. Introduction of New courses B.Sc (Botany)
2. Curriculum Development Cell had started to revamp the structure of existing course and syllabi for the different programmes offered in the college and had implemented from 2015-2016 onwards. Internal board of studies meeting and feedback from various holders have obtained.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the Beginning of the year

Plan of Action	Achievements
To Conduct Faculty Development Programmes in this A/Y 2015- 16	Three Faculty Development Programme conducted in the year of 2015-16.
To Conduct Management / Soft skill and human relationship development for Non Teaching staff.	Organized One-day Development Programme for office staff on “Maintenance of Office” held on 18th June 2016.
To conduct bridge course development for the students	Department of English conducted bridge course for all 1 st year students June 2016. Department of Mathematics Conducted Bridge course for 1 st B.Sc., Chemistry, Mathematics and Physics students 3 rd week of June 2016
To conduct department wise guest lecture for the students and	More than 40 Programmes are organized by the various departments of our college in the

organize national seminars conference and workshop by various department	year of 2015-16.
Yoga Programme to be conducted regularly	Yoga day on 21-06-2016 and yoga classes are conducted regularly.
To organize activities at inter collegiate level.	5 Departments conducted inter collegiate level program in the year of 2015-16.
To encourage for publishing research articles, text books, magazine and seminar	Teachers were honoured with awards on sep 5 th , 2016 (Teachers day) for having Major/ Minor research projects as well as for produced Ph.D., Scholars, research publication.
Establishing NET/Set coaching centre.	NET coaching classes are conducted for PG Departments (Physics, Chemistry, Computer Science, Mathematics and Commerce)
To arrange Gender sensitization programmes.	<p>“Entrepreneurial Opportunities for Woman and Youth” Entrepreneurs Association of tamil nadu, Joseph’s College, Trichy on 26-06-2015 & 27-06-2015</p> <p>“Traininer of Training” Department of Woman’s Studies BDU, Trichy Jamal Mohamed College, Trichy on 25-02-2016</p>
To strengthen the student counselling and guidance service.	<p>More than ten programmes were conducted for entry level services to UPSC,SSC,TNPSC</p> <p>Tutor ward system is being followed to give coaching and personal counselling to the students.</p>
To conduct more number of Extension Activities	More than 15 Extension Activies Programmes are organized by the various departments of

	our college in the year of 2015-16.		
Placement Activities	198 students placed various companies in the year of 2015-16.		
Department	Rank Holders/ Seminars/Conference/ Workshop Attended by Students		
Computer Science	Name	Programme	Rank
	Naveen G	B.Sc CS	IV
	Sowndarya M	B.Sc CS	III
	Gowtham M	B.C.A	VII
	Amutha S	M.C.A	V
	Geetha C	M.C.A(L)	IXX
	Nandhini G	M.Sc I.T	VIII
Chemistry	Thilakshika k	B.Sc	VIII
	Lavanya R	M.Sc	VI
Commerce	J.Ravichandran	BBA	IV
	P.Sathiya Priya	M.com	VI
Physics	S. Pavitha	M.Sc	III
	P. Sharmila	B.Sc	VI
Zoology	T. Sangeetha	B.Sc	II
	M. Kala	M.Sc	XIV
Economics	R.Sowndarya	B.A	XIX
Staff serving as member as various boards	Our Staff have served as Members of Board of Studies, Members of Dcotoral Committee of various colleges and universities and also acated as Journal Editors of their respective research area in the year of 2015-16.		

Students Achievements and Awards	Students have actively participated in various programmes organized by different colleges and also received medals and cash awards for their performance in the year of 2015-16.
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7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

1. Nurturing Research culture in the college
2. Seminar/Conference/Workshop/Intercollegiate meets: Forum for Learning

7.4 Contribution to environmental awareness / protection

- Institute organizes every year NSS Programmes wherein awareness campaign for the spreading awareness among the nearby people residing in neighbouring areas regarding environment and its protection from the various types of pollutions.
- The college organises several workshop for farmers to promote organic farming to promote environmental awareness. In particular, production of bio-fertilizer is demonstrated to the farmers.
- The system created in the College for Effective use of Waste water from Hostels for cultivating purpose to imbibe awareness among the students about the environment.
- Environmental studies and field visits nearby mountains helps the students to understand the importance of environments.

7.5 Whether environmental audit was conducted Yes ☐ No ☒

7.6 Any other relevant information the institution wishes to add. (For example SWOT Analysis)

Strengths

- Qualified, committed and experienced faculty
- Innovative ICT – backed teaching- learning methodology.
- Regular conduct of student centric activities through various academic seminars, clubs and cultural activities.
- Lab to land technology
- Enhanced reputation among academicians with regular Faculty enrichment programmes through seminars/conferences/workshops /refresher courses/orientations

Weaknesses

- Limited Industry-Institution linkages, staff and student exchange programmes Strengthen placement activities
- Number of Major and Minor Research projects to be increased
- Communication skills
- Strengthen Micro quality cell at the department level

Opportunities

- Proper training and inculcation of employability skill would improve placement activities
- Periodic Updation of curriculum enable the students to become more employable
- Good responses for science and Humanities programmes.

Threat

- Mushrooming of local colleges and foreign universities
- On-line and distance education courses

8. Plans of institution for next year

- Faculty Development Programme
- Development programme for Non-teaching staff
- Strengthen Research and Development Activities
- Strengthen Students' Club, Departmental Association, Mentor, tutor-ward system and various form activities
- To organise Workshops/Conferences /Seminars at the Colleges for students and staff.
- Strengthen placement activities and Career Guidance programme.
- General Academic and administrative Audit with external experts.
- Green Audit will be conducted.
- RAR will be prepared.
- Energy Audit will be conducted.

Signature of the Coordinator, IQAC

Signature of the Principal

GUEST LECTURE

Commerce

- Orientation Programme on 19.06.2015 Ancient Bharatham & Technology on 18.07.2015
- Business Environment at Global Level on 09.09.2015
- Career Opportunities in Banking Sector on 06.12.2015
- Emerging Trends in Business Environment on 16.02.2016
- Information Right Act on 29.02.2016

Mathematics:

- Application of Queuing Theory and Fuzzy Theory on 05.02.2016

Economics

- Kautily's Arthashastra and its contemporary relevance on 10.07.2015
- Acupuncture on 08.07.2015
- Recent Changes in Government Policies on 12.01.2016
- Legal Rights for Women on 15.02.2016

Zoology:

- Wildlife Conservation and its Threats on 01.12.2015
- An introduction to Birds and Bird watching on 15.02.2015
- Biochemistry and Stress and Ageing on 02.03.2016
- Therapeutic Potentials of IPSCells on 10.03.2016

English

- Effective writing skills on 17.08.2015
- Human Rights and Woman Rights on 19.02.2016

CONFERENCE AND WORKSHOP

Computer Science:

- Location based services on 04.09.2015
- Enterprise Networking on 23.09.2015
- Embedded System and its application on 28.09.2015
- Creativity and Problems solving skills on 01.10.2015
- SAP and its Applications on 21.09.2015
- Perspectives in Research forum on cloud computing and big data & analytics on 25.01.2016
- Image Processing Using MATLAB 27.02.2016
- Recent Technologies on 23.07.2015
- FOSS on 24.07.2015
- Computer Technologies on 12.08.2015
- Garbage collection in JAVA on 19.08.2015
- Internet and application on 22,23, 26 June 2015
- Application development using Python on 29 to 21 Sep 2015
- Code yourself with Python on 24,25 Feb 2016

Commerce:

- Soft Skills Development 21, 22 Sep'2015
- Training Programme on Fashion Jewellery Making on 06.10.2015
- Emerging Trends in Business Environment on 16.02.2016

Mathematics:

- Mathematical modelling on 11.09.2015
- Two days workshop of R Programming on 25,26 Sep 2015
- One day workshop of R Programming on 12.12.2015

Physics

- Physics as a future carrier for Youngster on 27.06.2016.
- Design and simulation of electronic circuits using proteus software on 09.01.2016.

Chemistry:

- Nano technologies opportunities and excitement on 19.02.2016.
- Dynamic Stereochemistry on 14.03.2016.

Bio- Technology & Botany

- Inspire Science camp under internship scheme on 4 to 8 August 2015.
- Inspire Science camp under internship scheme on 14 to 18 November 2015.
- New Frontiers in Plant Sciences and Bio-technology on 3 to 5 March 2016.

College:

- Technological Innovations in the banking sector
- Entrepreneur Awareness Camp 21-12-2015 to 23-12-2015.

STAFF ACHIVEMENTS AND ACTIVIES

Commerce:

- Dr. J. Arulmani- Board of study member of BBA in BDU, Trichy.

Computer Science:

- M.Muralidharan subject expert in staff selection National College, Trichy on 01.06.2015
- Dr. K. Mani Chairperson in the International conference on Advanced Computing (ICAC) Jamal Mohamed College Autonomous), Tiruchirappalli 3/12/2015 and 4/12/2015
- M.Muralidharan Chairperson in the workshop on the World Class Curriculum Design Bharathidasan University 16/02/2016
- Dr. K. Mani Examiner in conducting academic audit for Computer Science Department Periyar EVR College, Tiruchirappalli 28.03.2016
- Dr. K. Mani Subject expert for staff selection Loyola College, Mettala, Namakkal District 31.03.2016
- Dr.S.Murugan Member of Board of Studies M.Sc Computer Science, Thanthai Hans Rovers College, Perambalur
- Dr.S.Murugan Member of Board of Studies for BCA, Bishop Heber College, Trichy
- Dr. K. Mani Member of Board of Studies of computer science National College , Trichy
- Dr. K. Mani Member of Board of Studies member of Information Technology department St.Joseph's College , Trichy
- Dr. K. Mani Member of the Board of Studies in the subject of Computer Applications Thanthai Hans Rovers College, Perambalur
- Dr. AR. Pon. Periasamy Member board of studies Computer Science Bharathidasan University, Trichy
- M.Muralidharan Member of Computer Society of India From 2014-15
- K.Ponvelalagulkshmi Member of Computer Society of India From 2014-15
- R.Akila Member of Computer Society of India From 2014-15

Zoology

- Dr. P. Neelananarayanan – doctoral committee member for AVC, College, Mayiladuthurai; Holy cross college, Trichy; Periyar EVR College, Trichy etc.
- Dr. K. Saravanan - doctoral committee member for AVC, College, Mayiladuthurai; National college, Trichy; Raja Sefoji Govt College, Thanjavur etc.
- Dr. N. Ramesh - doctoral committee member for TBML, College, Porayar
- Dr. P. Neelananarayanan P. G. and Research Department of Zoology, A.D.M. College for women (Autonomous), Nagapattinam.
- Dr. P. Neelananarayanan Research Department of Zoology, SeethalakshmiRamaswami College (Autonomous), Tiruchirappalli
- Dr. P. Neelananarayanan Department of Environmental Biotechnology, Bharathidasan University, Tiruchirappalli.
- Dr. P. Neelananarayanan P. G. and Research Department of Zoology, E. V. R. College (Autonomous), Tiruchirappalli.

Journal Referees (Editor Board)

- Dr. P. Neelananarayanan -Zoos Print Magazine
- Dr. P. Neelananarayanan Journal of Threatened Taxa
- Dr. V. Ramesh - Asian Journal of Multidisciplinary Research (IAJMR) (ISSN: 2454-1370)
- Dr. V. Ramesh -Life Science Archives (LSA) (ISSN: 2454-1370)
- Dr. V. Ramesh - International Journal of Innovations in Agricultural Sciences (IJIAS)

Economics:

- Dr.R.Manimekalai Chief Examiner in Central Valuation work of BARD, Trichy
- Dr.R.Manimekalai a member in UG and PG Board of Studies in Economics of Bharathidasan University
- Dr.R.Manimekalai Nominated by our University, to serve as a Member of the Selection Committee for the selection of Assistant Professor of Economics (Regular vacancy) at A.VeerivaVandayar Memorial Sri

Pushpam College (Autonomous), Poondi, Thanjavur District on 26.03.2016.

- Dr.R.Manimekalai Attended a confidential work of Tamil Nadu Public Service Commission on 06-07-2015.
- Dr. R.Manimekalai - Co-ordinator - Gender Club of our College and Co-ordinator of Placement cell our College
- Dr. Porselvi - Co-ordinator - YRC of our College

Tamil

- முனைவர். வா.ரா. விஜயலெட்சுமி ஆசிரியஜோதி விருது- கவிஞன் பதிப்பகம்
- முனைவர். ரெ. மலர்விழி ஆசிரியஜோதி விருது குறிஞ்சிக்கபிலர் தமிழ்ச்சங்கம்
- முனைவர்.ரெ. மலர்விழி நல்லாசிரியர் கவியரசர் தமிழ்ச்சங்கம்
- Dr.S.Rajendran Member in Indian Folklore Congress
- Dr.S.Rajendran Member in folklore society of south Indian Languages.
- Dr.S.Rajendran General Secretary, Kaniyan Poongundranar/ Tamil Research Association, Tamilnadu
- Dr.S.Rajendran Member of Doctoral Committee, Department of Tamil Jamal Mohamed College (autonomous), Trichy.
- Dr. K.Geetha Member in INFITT (International Forum For Technology in Tamil
- Dr. K.Geetha Member of Doctoral Committee, Department of Tamil, E.V.R.Periyar college (autonomous) Trichy.
- Dr. K.Geetha Member of Doctoral Committee, Department of Tamil Meenatchi Ramasamy college, Thathanur.

English

- Dr.K.T.Tamilmani attended the Board of Studies Meeting at Jamal Mohamed College, Trichy on 26th October, 2015.
- Ms. R.Lakshmi attended the Board of Studies Meeting at Arulmigu Palani Andavar Arts College, Palani on 26th February 2016.

Chemistry

- Dr. A. Sekar, Board of studies in AVC College Mayiladuthurai, PG Chairman in Academic council, Member of Doctoral committee for Ph.D students.
- Dr. Viji Saral Elizabeth, UG Chairman in Academic council, Member of Doctoral committee for Ph.D students
- Dr. A. Idhayadhulla: Journal Referees: Reports in Organic Chemistry,. Research and Reports in Medicinal Chemistry, Medicinal chemistry research (Springer Link), Archiv der Pharmazie-(Wiley_VCH)
- Dr. R. Suraendrankumar : Journal Referees: Chemical Science (Bentham publications)

STUDENTS ACHIVEMENTS AND ACTIVIES**Economics:**

- S.Kaleeswaran III B.A attended one day training programme organized by Bharathidasan university on 08.12.2015
- P.Chitra and V.Poornima of III B.A Economics, Trainer of Training Programme for Gender Champion Club Volunteers on 25-01-2016 from Jamal Mohamed College, Trichy
- M.Sabeer, T.Remesh ,D.Meena, T.Parkavi, R.Gomathi, R.Hema Latha, and T.Chitra S.Vijayalakshmi,III B.A Economics Attended Two-day Seminar on “Entrepreneurial Opportunities for Women and Youth” 26-6-2015 & 27-6-2015 St.Joseph’s College, Trichy.
- T.Chitra of III B.A Economics Presented paper on Mobile Banking –An Overview 19-1-2016 Jamal Mohamed College, Trichy.
- V.Poornima of III B.A Economics Presented paper on Mobile Banking Services to Consumers 19-1-2016 Jamal Mohamed College, Trichy.
- B.Karthika of III B.A Economics Presented paper on Population Growth and Economic development 19-1-2016 Jamal Mohamed College, Trichy.
- M.Sathya, P.Chitra and V.Poornima of III B.A Economics Participated in the National Level Seminar 27-2-2016 St.Joseph’s College, Trichy

Computer Science:

- Code Venture (Programming in C and C++) on Problem Solving Code writing Software Contest G.Suganya II M.Sc CS, M.Sowndarya III BCA and G. Nandhini II M.Sc IT won Prizes.
- Software Developed Online Examination System allow R.Sasikala & K.M.Karthikeyan.
- Software Developed Cable Soft M.Thiyanithi.

Mathematics

- Ms C. Praveena was given Best Outgoing Student award. She received Rs 500/- cash prize.
- The Outstanding Proficiency award was given to Ms P Priyanka & she received Rs 500/- cash prize.
- Ms R Nandhini was given Proficiency award and Rs.250/- cash prize.
- Subject Proficiency award for their individual Performance in various subjects. [Ms D Saranya, Ms R Nathiya, Ms R Divya, Ms D Manisha, Ms S Parimala, Ms M Malini, Ms S Tamilselvi, Ms M Jaisri and Ms K Subashini].
- Miss M. Krithikadevi has passed M.A Sanskrit.
- Bishop Heber college (Autonomous) 25.01.2016 MAGMA -2016 R.Karthi S.Jegadeesan (II M.SC Maths) Math Wonder II Prize
- II B.SC Mathematics Student S.P.Inbasekaran attended CATC – CUM TSC Training camp at Bishop Heber College from 30 May 16 to 8 June 16.
- B.Sarvanan and C.K.Tholkappiyan M.Sc Mathematics participated and successfully completed the “Training of Trainer Workshop for UGC Gender Champions”
- II B.SC & III B.SC STUDENTS participated in Mentors Training camp from 1.6.2016 -15.6.2016 conducted by the Department of English, NMC, Puthanampatti

Zoology

- Ms.T. Sangeetha (I M.Sc., Zoology – Roll No. 2K15) PZ 12) has been awarded university rank holder PG merit scholarship from UGC, New Delhi for 20 months – two years 2015-17. And has been sanctioned Rs. 3,600/month (two years).
- Mrs. N. Renuga (II M.Sc., Zoology – Reg.No. P14Z4501) has been awarded single girl child scholarship given by UGC, New Delhi for two years 2014-16. And has been sanctioned Rs 3,100 per month for twenty months (two years).
- PG Tamil Nadu Educational Trust Scholarship

- Mr. M. Kesavan (P14Z 4503) I M.Sc., Zoology has been sanctioned Rs 5,500 per year.
- Ms. N. Bakkiyarathi I M.Sc., Zoology has been sanctioned Rs 6,600 per year.
- Ms. M.S. Komalavalli I M.Sc., Zoology has been sanctioned Rs 6,600 per year.
- Ms. S. Priyadarshini I M.Sc., Zoology has been sanctioned Rs 6,600 per year.
- Ms. S. Priyadarshini I M.Sc., Zoology has been awarded Rs. 1,500/= for Education + Extracurricular Activity by the Management Nehru Memorial College (Autonomous), Puthanampatti. in the Annual Day celebrations.
- Mrs. R. Valarmathi (M.Sc Zoology -2010-11) and Mrs. J. Salini, (M.Phil Zoology 2010-12) got government school teacher job through School TRB during year 2014-2015.
- Dr. S. Elavarasi working as Assistant Professor in Zoology, Holly Cross College (Autonomous), Trichy.
- Dr. G. Viji working as Assistant Professor in Zoology in Seetha Lakshmi Ramasami College, Trichy.

Tamil

- திருச்சி இந்திராகாந்தி கலை அறிவியல் கல்லூரி -மாணவர்கள் பங்கு பெற்று
 - ஊமைநாடகம்- இரண்டாம் பரிசு
 - இ.சைக்கருவி வாசித்தல்- மூன்றாம் பரிசு
- திருச்சி கலைக்காவிரி மாணவர்கள் பங்கு பெற்று
 - இசைக்கருவிகள் வாசித்தல்- மூன்றாம் பரிசு
 - பாட்டுப்போட்டி- இரண்டாம் பரிசு

Academic Calendar of the year 2015-16		
<u>Date</u>	<u>Function</u>	<u>Month</u>
March 3 to 5 th	Inspire Science Camp for School Student & Sponsored by PST New Delhi	March 2015
19.06.2015	Induction	June 2015
18 th to 25 th June 2015.	Bridge Intensive Course Dr.K.T.Tamilmani	
21.06.2015	International Yoga Day	
01.07.2015	Inventory Awareness	July 2015
08.07.2015	Guest Lecture	
08.07.2015	Guest Lecture	
10.07.2015	Guest Lecture	
12.07.2015	Book Release – Dr.K.T.Tamilmani	
16.07.2015	Seminar on Yoga for Youth Empowerment	
07.08.2015	Teachers day celebration	August 2015
07.08.2015	Teachers day celebration	
12.08.2015	Seminar	
19.08.2015	Seminar	
08.08.2015	Meditation of and signing of MoU with ACEM Foundation, Norway.	

17.08.2015	Guest lecture organized	
18.09.2015	Seminar on” Insurance an ingenious game of chance to win.”	September 2015
28.09.2015	Workshop on Introduction to 8051 Microcontroller	
21 & 22.09.2015	Two day workshop on “Soft Skill Development”	
11.09.2015	One Day Students symposium on Mathematical Modeling	
23.09.2015	Industrial visit to KKP Spinning Mills, Pvt Ltd, Namakkal.	
25.09.2015	Two day national workshop on R- Programming	
21.09.2015	Guest Lecture on SAP and its applications	
29.09.2015 to 01.10.2015	Workshop on Application Development “Using Python”	
28.09.2015	Workshop on Introduction to 8051 Microcontroller	
10.09. 2015	Mock Interview for the B.A./ B.Com/ B.Sc. Students.	

21.10.2015	B.sc Botany Students Went to Agri Exhibition at Erode	October 2015
06.10.2015	One day Training Programme on “Young woman entrepreneur in Fashion Jewellery Making.”	
16.11.2015 to 20.11.2015	Science Camp Under Inspire Internship Scheme	November 2015
19.12.2015	Workshop For Self Help Groups	December 2015
01.12.2015	Special lecture on Wildlife conservation and its threats	
15.12.2015	Special lecture on An introduction to birds and bird watching	
21 to 23 December 2015	Entrepreneur Awareness Camb	
23.02.2016	Inter Collegiate function	February 2016
26.02.2016	Department Festival for Zoo fest	
15.03.2016	Consumer Protection Day	March 2016
01.03.2016	Inter Collegiate function chem. Race-16	
14.03.2016	Dynamic stereo chemistry	

15.03.2016	Logic in algorithms	
16/03/2016	The Literary Association function and Communication Skills	
04.03.2016	Department function	
04.03.2016 to 05.03.2016	Organized Uzhavarappani	
29.08.2016	Free medical CAMP	August 2016

VISITING FACULTIES OF OUR COLLEGE

S. No	Date	Name	Designation	Title
1	04/09/2015	Dr. S.R.Balasundaram	Associate Professor Department of Computer Applications NIT, Trichy	Location Based Services
2	09/09/2015	Mahendran Periyasamy	PMI Balitimore Chapter Director of External Communications Maryland, USA.	Personality Dynamics Programme
3	21/09/2015	R.R.Suresh	SAP Consultant SEAL Infotech Private Limited Chennai	SAP and its Applications
4	23/09/2015	Dr. S. Thiyagarajan	Senior Manager ICT Department BHEL, Trichy	Enterprise Networking
5	01/10/2015	Shri.N.Sekar	Former DGM BHEL and Coordinator Indira Gandhi College, Trichy	Creativity and Problem Solving Skills
6	25/01/2016	Dr. S.Bhuvaneshwari	Head, Dept. of Computer Science Karaikal Campus, Pondicherry University.	Perspectives in Research Forum on Cloud Computing and Big data & Analytics
7	27/02/2016	Dr.AR.Shanavas	Associate Professor Department of Computer Science Jamal Mohamed College, Trichy	Image Processing using MATLAB
8	15/03/2016	Prof.Joe Irudayaraj	Associate Professor Department of Computer Science St.Joseph College, Trichy	Image Processing using MATLAB

9	10-07-2015	Dr. V.R.Mathiazhagan	Associate Professor of Economics, National College, Trichy	Kautily's Arthashastra and its Contemporary Relevance
10	8-07-2015	Dr.S.Venkatesalu	Centre for Alternative Medicine, Trichy	Acupuncture
11	12-01-2016	Dr. Dr.Kamarjahan	Associate Professor & Head of Economics, Urumu Dhanalakshmi College, Trichy	Recent Changes in Government Policies
12	15-02-2016	Tmt.P.Reka	Advocate, Namakkal	Legal Rights for Women
13	18.07.2015	Shri.Praveena Ananad	Corporate Trainer, Chennai	Ancient bharatham & technology
14	09.09.2015	Prof.Nakkiran,	Prof.Co-operative Management, Ambo University, Ethiopia	Business environment at global level
15	21,22.09.2015	Shri.Praveena Ananad	Corporate Trainer, Chennai	Two Days Workshop on "Soft Skills Development
16	06.10.2015	Mrs.S.K.Vanitha	Women Entrepreneur, Salem	One Day Workshop on "Training Programme on Fashion Jewellery Making"

17	06.12.2015	Ms.Joshi Jeyarani	Asst.Manager, Syndicate Bank	Guest Lecture on “Career Opportunities in Banking Sector”
18	16.02.2016	Prof.Nakkiran,	Prof.Co-operative Management, Ambo University, Ethiopia	International Conference on “ Emerging Trends in Business Environment”
19	16.02.2016	Mr.S.Gopal,	CEO i-Grandee, New Delhi	International Conference on “ Emerging Trends in Business Environment”
20	29.02.2016	Mr.P. Balasubramaniyan	Advocate, Pattukottai	Information Right Act
21	15.03.2013	Mr.A.Ganesan,	Advocate, Senior Panel Council, Madurai Branch	Consumer Protection Day
22	02.04.2016	Mr.P.Ramaswamy,	Advocate	Commerce Department Association Function
23	3 rd week of June 2015	Dr N Ramanujan,	Honorary Professor , School of Mathematical Sciences, Bharathidasan University, Trichy	bridge course
24	11 th September 2015	Dr. Rajeswari Seshadri,	Associate Professor, Department of Mathematics, Pondicherry University	One-day symposium on “Mathematical Modelling”
25	25 th and 26 th September 2015	Dr. G. Nanjundan,	Professor, Department of Statistics, Bangalore University	Two-day National Workshop on “R Programming”

26	25 th and 26 th September 2015	Mr. Sadhiq Pasha,	Department of Statistics, Bangalore University,	Two-day National Workshop on “R Programming”
27	25 th and 26 th September 2015	Dr. S. R. Gani,	Associate Professor, Department of Statistics, Karnatak College, Dharwad	Two-day National Workshop on “R Programming”
28	25 th and 26 th September 2015	Dr. R. Suresh,	Assistant Professor, Department of Statistics, Karnataka University, Dharwad,	Two-day National Workshop on “R Programming”
29	12 th December 2015	Ms.V.S. Akilandeswari,	Assistant Professor, Department of Mathematics, Saranathan College of Engineering, Tiruchirappalli,	One-day Workshop on “R Programming”
30	22nd December 2015	Dr. A. Tamilselvan,	Associate Professor, Department of Mathematics, Bharathidasan University,Trichy	History of Mathematics and Mathematicians
31	5 th February 2016	Dr. K. Dhanam,	Associate Professor of Mathematics, Government Arts College(Women), Pudukkottai	‘Fuzzy EOQ Model’
32	5 th February 2016	Dr. K. Prakash Rani	Associate Professor of Mathematics, A. D. M. College for Women, Nagapattinam	‘Queueing Theory and its Applications’

33	01.03.2016	Dr. M. Poobalaranjani	Associate Professor & Head, Department of Mathematics, Seethalakshmi Ramaswami College, Trichy	Lofty Math Association Valedictory Function along with Award Ceremony
34	17.3.2016	Dr.Marudai,	Professor & Head, Department Mathematics, School of Mathematical Science, Bharathidasan University,Trichy.	Mathematics Association
35	02/03/2016	Dr. R. Senthilkumar	Assistant Professor, Department of Biochemistry, Rajah Serfoji Government College, Thanjavur	“Biochemistry and Stress and Ageing”.
36	17.08.2015	Dr.K. Srinivasan	Associate Professor of English, National College, Trichy	Effective Writing Skills

DETAILS OF PARTICIPATION IN CONFERENCE / SEMINAR / WORKSHOP:

S. No.	Participated staff	Title of the event	National/ International
Dept Of Chemistry			
1.	Dr. M. Umadevi	National seminar on recent developments in building materials and technologies on 19.03.2015 & 20.03.2015 Ghandigram rural University, Dindigul	National
2.	Dr. A. Kasthuri	Lecture Workshop on Recent Trends in Chemistry on 4.3.2016 & 5.3.2016 Seethalakshmi Ramaswami College (Autonomous), Trichy – 620 002	National
3.	Ms. M. Arunadevi	Lecture Workshop on Recent Trends in Chemistry on 4.3.2016 & 5.3.2016 Seethalakshmi Ramaswami College (Autonomous), Trichy	National
4.	Dr. A. Idhayadhulla	One day national seminar on Analytical Techniques in Material Chemistry on October 16th , 2015, Jamal Muhammad college, Trichy	National
5.	Dr. A. Sekar Dr. VijiSaral Elizabeth Dr. M. Ramesh Dr. R. Surendrakumar Dr. A. Idhayadhulla Mr. P. Johnraj Dr. A. Kasthuri	One Day Faculty Development Programme On “Revisiting Examination System In The Current Scenario” on 19.03.2016	College Level

	Mr.S. Arumugam Ms. P. Gowthami Mr. K. Dhanapal Tmt M.Arunadevi	Nehru Memorial College, Puthanampatti	
6.	Dr. M. Ramesh Dr. R. Surendrakumar Dr. A. Idhayadhulla Mr.S. Arumugam Mr. K. Dhanapal Tmt M.Arunadevi	Two Day Orientation programme For Teachers on 13.06.2016 & 14.06.2016 Nehru Memorial College, Puthanampatti	College Level
7.	Dr. A. Sekar Dr. VijiSaral Elizabeth Dr. M. Ramesh Mr. P. Johnraj Dr. A. Kasthuri Mr.S. Arumugam Ms. P. Gowthami Mr. K. Dhanapal Tmt M.Arunadevi	Sustenance/Enhancement of Quality in Higher Education on August 5 Nehru Memorial College, Puthanampatti	College Level
8.	Dr. VijiSaral Elizabeth	International Conference on Chemistry Renewable energy on 25.2.2016&26.2.2016 Bishop Heber College, Trichy	International
9.	Dr. M. Umadevi	International Conference on Chemistry Renewable energy on 25.2.2016&26.2.2016 Bishop Heber College, Trichy	International
10	Dr. M. Ramesh	International Conference on Chemistry Renewable energy on 25.2.2016&26.2.2016 Bishop Heber College, Trichy	International
11	Dr. M. Ramesh	International Conference on chemical and Environmental Research on 17.12.15 Jamal Mohamed College, Trichy	International

12	Dr. A. Kasthuri	International Conference on chemical and Environmental Research on 17.12.15 Jamal Mohamed College, Trichy	International
13	Mr. P. Johnraj	International Conference on chemical and Environmental Research on 17.12.15 Jamal Mohamed College, Trichy	International
Department of Economics			
14	Dr.R.Manimekalai	Population Growth and Economic Development on 13.05.2015	National
15	Dr.R.Manimekalai	Innovative Curriculum Designing and Evaluation on 13.08.2015	National
16	Dr.R.Manimekalai, Dr.T.Porselvi, Dr.K.Karunaharan Tmt.V. Kaleeswari	One Day Faculty Development Programme On “Revisiting Examination System In The Current Scenario” on 19.03.2016 Nehru Memorial College, Puthanampatti	College Level
17	Dr.R.Manimekalai, Dr.T.Porselvi, Dr.K.Karunaharan Tmt.V. Kaleeswari	Sustenance/Enhancement of Quality in Higher Education on August 5 Nehru Memorial College, Puthanampatti	College Level
18	Tmt.V. Kaleeswari	Two Day Orientation programme For Teachers on 13.06.2016 & 14.06.2016 Nehru Memorial College, Puthanampatti	College Level
19	Dr.T.Porselvi	Knowledge Management Jamal Mohamed College, Trichy	International
20	Dr.Karunaharan & Tmt.S.Suguna	Scope of Global Business from the Government programme for the Cropping Pattern in India Jamal Mohamed College, Trichy	International
Department of Physics			
21	Dr. S.Kumararaman Mr.K.Nagarajan Dr.K.Gnanasekaran	Sustenance/Enhancement of Quality in Higher Education on August 5 in Nehru	College Level

	Dr.A.Venkatesan Dr.A.Rajendran Dr.P.Palaniyandi Dr. R. Sangeetha Mr. P.R. Venkatesh Dr. V.Pandiyan Dr.K.Srinivasan	Memorial College, Puthanampatti	
22	R.Kabilan E.Siva P.Ramesh	15 day Refresher course on Quantum mechanics and nuclear physics on 14 April 2016 to 30 April 2016 in Dyanand science college , Latur	National
23	R.Kabilan	15 day Refresher course on experimental physics on 10 may 2016 to 25 may 2016 in Goa University	National
24	Dr. V.Pandiyan Dr.K.Srinivasan Dr.S.Balamurugan Mr.A.Jagadeesan Mr.P.Prabhu Mr.A.Ashokkumar Mr.A. Veerapandiyan Miss.S.Jone Pradeepa	Two Day Orientation programme For Teachers on 13.06.2016 & 14.06.2016 Nehru Memorial College, Puthanampatti	National
Department of Zoology			
25	Tmt.M.P.Santhi Dr. P. Neelannarayanan Dr. K. Saravanan Dr. V. Ramesh Dr. A. Boopathiraja Dr. C. Renuka Dr.R.Sudha	One Day Faculty Development Programme On“Revisiting Examination System In The Current Scenario” on 19.03.2016 in Nehru Memorial College, Puthanampatti	College Level
26	Tmt.M.P.Santhi Dr. P. Neelannarayanan Dr. K. Saravanan	Sustenance/Enhancement of Quality in Higher Education on August 5 2015 in Nehru Memorial College, Puthanampatti	College Level

	Dr. V. Ramesh Dr. A. Boopathiraja Dr. C. Renuka Dr.R.Sudha		
27	Dr.V.Ramesh Dr.C.Renuka	Two Day Orientation programme For Teachers on 13.06.2016 & 14.06.2016 Nehru Memorial College, Puthanampatti	College Level
28	Dr.V.Ramesh	Emerging Trends in Global Business on Feb 16 Jamal Mohamed college, Trichy	International
29	M. Meeran Dr.V. Ramesh Senthamarai selvam	Recent Trends in Life Science Research-2016 held on 24 th and 25 th March, 2016 Department of Ecology, CMS College, Kottayam, Kerala.	International
30	Abinaya, P., Renuka, C., Saravanan, K and Elavarasi, S	Studies on the effect of house dung in the wastewater treatment 2015	National
31	Karuppannan, P., Saravanan, K., Santhi, M.P., Boopathiraja, A and Priya	Biochemical changes in <i>Oreochromis mossambicus</i> treated with vitamin C doped MgS nanoparticles 2015	National
32	Dr. V. Ramesh	Participated in the National Conference on “Avenues in agro-based industries for rural development” held on 30 th December, 2015	National
33	Dr. V. Ramesh	Advance in Zoology held on 30 th January, 2016.	National
34	Dr. V. Ramesh	Participated in the National Level One day Workshop on “Free Legal Aid for NSS Programme Officers – An Opportunity to Serve the Society” held on 15 th September, 2015	National
35	Dr. V. Ramesh	Orientation Training on “Responsible	National

		Citizenship, Democratic Governance and Rule of Law” held on 15 th to 16 th April, 2015	
36	Meeran .M. Ramesh, V.,	Potential for using <i>Datura stramonium</i> (L.) fruit extracts against two major polyphagus pest, the spotted beetles on brinjal <i>Hensoepilachna vigintiocto punctata</i> (Fabricius) and Tobacco caterpillar <i>Spodoptera litura</i> (Fabricius)” held on 24 th and 25 th March, 2016	International
37	Senthamarai selvan, Ramesh, V.,	Studies on then Mosquito diversity with special reference to Dengue vectors in Vellore district, Tamilnadu, India held on 24 th and 25 th March, 2016	International
38	Ramesh, V., Rajasekar.S	Breeding of Dengue/ Chickungunya Vecotor Mosquitoes in Ramanathapuram district, Tamilnadu, India” held on 24 th and 25 th March, 2016	International
Department of Tamil			
39	முனைவர்.கி.கீதா	International Tamil Moblie Application Work shop held on 5 th .&6 th Feb 2016 Tamil virual Academy, Chennai	International
Department of English			
40	Dr.K.T.Tamilmani	A Two-day National Conference on Literary Theories	National
41	Tmt.S.P.Visalakshi	Two-Day National Seminar on Rhetorical Linguistics and Modern Grammar held on 06.08.2015 & 07.08.2015	National
42	Tmt.S.P.Visalakshi	One day National Conference on Dr. Abdul Kalam, a motivational force of Youth held on 15.09.2015	National

43	Tmt.S.P.Visalakshi	Two-Day National Seminar on “Partition Literature and its Relevance to Contemporary Literature held on 14.03.2016 & 15.03.2016	National
44	Dr.S.R. Komahan Kavirinadar Dr.K.T.Tamilmani Tmt.S.P.Visalakshi Tmt.R.Lakshmi	Faculty Development Programme on “Sustenance/ Enhancement of Quality in Higher Education	National
45	Dr.K.T.Tamilmani Tmt.S.P.Visalakshi Tmt.R.Lakshmi	One Day Faculty Development Programme On “Revisiting Examination System In The Current Scenario” held on 19.03.2016	National
46	Tmt.S.P.Visalakshi Tmt.R.Lakshmi	Two Day Orientation programme For Teachers held on 13.06.2016 & 14.06.2016	National
47	Tmt.R.Lakshmi Tmy.S.P.Visalakshi	International Seminar on “English Language and Literature: Retrospects and Prospects” held on 04-02-2016 & 05.02.2016	International
48	Tmt.R.Lakshmi	International Seminar on “ The Role of Literature in Social Upliftment: Need of New Perspectives	International
49	Tmt.R.Lakshmi Tmt.S.P.Visalakshi	One Day International Conference on “Canadian Studies”	International
50	Tmt.S.P.Visalakshi	International Conference on “English Language and Literature: Retrospects and Prospects”	International
51	Tmt.S.P.Visalakshi	One Day International Seminar on “Emerging Trends in Global Business”	International
Hotel Management			
52	Mr.N.Narendrakumar	Enhancement of Quality in higher	National

		education	
Computer Science			
53	M.Muralidharan	One day workshop on “EDUSKILL” prgrammme held on 13.08.2015	National
54	M.Muralidharan	Workshop on “World Class Curriculum Design” held on 16.02.2016	National
55	P.Kalpana	One day workshop on “Importance of Statistical Design and Experiments in Computational Research” held on 23.02.2016	National
Mathematics			
56	Dr.V.Saavithri	International Workshop on 'Image Processing Research with Matlab' held on 31 st July – 1 st August 2015	International
57	Dr.V.Saavithri	International conference on advanced computing held on 4-5 Dec 2015	International
58	Ms. P.Kavitha	One Day Shyposium on Mathematical Modelling held on Sep 11, 2015	International
59	Ms. P.Kavitha	Two Day National Workshop on R Programming held on Sep 25-26, 2015	National
60	Ms. P.Kavitha	FREE LEGAL AID FOR NSS PROGRAMME OFFICERS – AN OPPORTUNITY TO SERVE THE SOCIETY held on Sep15,2015	National

PAPER PRESENTATION IN CONFERENCE NATIONAL/ INTERNATIONAL LEVEL

National Level

S.No	Name of the Staff	Title of Paper	Name of the Conference	Place	Period	Department
1	Dr.K.T.Tamilmani	The Intuition of Literary Language: Raymond Carver's Craft	A Two-day National Conference on Literary Theories	St.Joseph's College (Autonomous), Trichy	3.12.2015 & 4.12.2015	English
2	S.P.Visalakshi	Narrative Techniques in Salman Rushdie's "Midnight's Children"	Two-Day National Seminar on Rhetorical Linguistics and Modern Grammar	National College, Trichy	06.08.2015 & 07.08.2015	
3	S.P.Visalakshi	Dr.Abdul Kalam, a motivational force of Youth	One day National Conference on "Dr. Abdul Kalam, a motivational force of Youth"	Mother Teresa College of Education, Pudukottai	15.09.2015	
4	S.P.Visalakshi	Female Suppression in Bapsi Sidhwa's Ice-candy Man	National Seminar on Partition Literature and its Relevance to Contemporary Literature	Periyar EVR College, Trichy	14.03.2016 & 15.03.2016	

5	முனைவர்.சோம இராசேந்திரன்	நாட்டுப்புறவியல்		மன்னர் திருமலை நாயக்கர் கல்லூரி, மதுரை.	28 th ஜனவரி 2015	Tamil
6	முனைவர்.கி.கீதா	பண்டைய சமுதாயத்தில் அறம்		தூய வளனார் கல்லூரி	டிசம்பர் 17.18 2015	
7	முனைவர்.கி.கீதா	தமிழ் இலக்கியங்களில் மேலாண்மை		தூய வளனார் கல்லூரி	பிப்ரவரி 2016	
8	Dr. S. Kumararaman	Growth and Characterisatio n of semi organic FAP crystals	NSCG 2015	National College, Trichy	22-23Juy 2015	
9	Dr. S. Kumararaman	Transport properties of NLO crystals	Recent Trends in NLO	St.Peter's university, Chennai	16 th Sep 2015	Physics
10	K. Srinivasan	Realization of chaotic Murali- Lakshmanan- Chua (MLC) circuit with RC phase shift network	National Conference on Advances in Materials Science & Nonlinear Science – AMSN 2016	B.S. Abdur Rahman University, Chennai	Feb 24-25, 2016	
11	K. Srinivasan	Analytical analysis of lag, anticipatory and complete synchronizatio n in a RC network based coupled Chua's circuit	National Conference on Advances in Materials Science & Nonlinear Science – AMSN 2016	B.S. Abdur Rahman University, Chennai	Feb 24-25, 2016	

12	P.R.Venkatesh and A. Venkatesan	Vibrational resonance in Murali – Lakshmanan – Chua's circuit	National Conference on Advances in Materials Science & Nonlinear Science – AMSN 2016	B.S. Abdur Rahman University, Chennai	Feb 24-25, 2016
13	A. Rajendran, etal.	Green synthesis of Copper nanoparticles using <i>Ricinuscommun</i> <i>is</i> leaf extract and their characterizatio n	National Conference on Emerging Trends in Materials and Methods	KSR College of Arts and Science for Women, Tiruchengod eon	07-10-2015
14	A. Rajendran, etal.	Bio-fabrication of Copper Oxide nanoparticles using <i>hibiscus</i> <i>rosasinensis</i> flower extract	National Conference on Advances in Materials Science and Non linear Systems (AMSNS-160)	KSR College of Arts and Science for Women, Tiruchengod eon	07-08 January 2016.
15	T.Kavitha and A. Rajendran	Advanced heat transfer enhancement using TiO2 water based studies	National Conference on Advances in Materials Science and Non linear Systems (AMSNS-160)	KSR College of Arts and Science for Women, Tiruchengod eon	07-08 January 2016.

16	A. Rajendran, etal.	Design and development of Lorenz Chaotic Oscillator using AT89S51 Microcontroller	National Conference on Advances in Materials Science and Non linear Systems (AMSNS-160)	KSR College of Arts and Science for Women, Tiruchengod eon	07-08 January 2016.
17	A. Rajendran, etal.	Nanocomposite solid polymer electrolyte for lithium ion battery applications.	National Conference on Advances in Materials Science and Non linear Systems (AMSNS-160)	KSR College of Arts and Science for Women, Tiruchengod e	07-08 January 2016.
18	Senthilkumar.S and A.Rajendran	Rietveld refinement and electron density studies on Indium III Oxide	National conference on Advanced materials (NCAM-2016),	Periyar University, Salem	25-26 Feb 2016
19	A. Rajendran, etal.	Plants as Green Source towards Synthesis of Copper Nanoparticles.	National conference on Advanced materials (NCAM-2016),	Periyar University, Salem	25-26 Feb 2016
20	S.Mayakrishnan and A.Rajendran	Preparation and Characterizatio n of Solid Polymer Electrolyte for	International conference on Smart India – Synergies and Opportunities in	Selvam College of Technology, Namakal	11 th March 2016.

		Lithium Ion Battery Applications	Management , Engineering, Technology and Science in the Globalized Era			
21	A. Rajendran, et al.	Plant-extract of Silver nanoparticles using leaf extract of Catharanthus roseus and its antimicrobial activity	National conference on recent trends in chemical sciences for energy and environment	Thanthai Hans Roever College, Perambalur	1 & 2 April 2016	
22	A. Rajendran, et al.	Investigation of Antimicrobial Activity and Mechanism of Silver Nanoparticles Synthesized from <i>Diospyros Benumb</i> Leaf Extract	National conference on Intergration of stem education and mental health	Noorlislam center for higher education, Kumaracoil	20 & 21 June 2016.	
23	E.Siva, et al.	Nanocomposite solid polymer electrolyte for lithium ion battery applications.	National Conference on Advances in Materials Science and Non linear Systems (AMSNS-160)	KSR College of Arts and Science for Women, Tiruchengodeon	07-08 January 2016.	

24	E.Siva, etal.	Plants as Green Source towards Synthesis of Copper Nanoparticles.	National conference on Advanced materials (NCAM-2016),	Periyar University, Salem	25-26 Feb 2016	
25	E.Siva, etal.	Plant-extract of Silver nanoparticles using leaf extract of Catharanthus roseus and its antimicrobial activity	National conference on recent trends in chemical sciences for energy and environment	Thanthai Hans Roever College, Perambalur	1 & 2 April 2016	
26	E.Siva, etal.	Investigation of Antimicrobial Activity and Mechanism of Silver Nanoparticles Synthesized from <i>Diospyros Benumb</i> Leaf Extract	National conference on Intergration of stem education and mental health	Noorlislam center for higher education, Kumaracoil	20 & 21 June 2016.	
27	Dr. K.Saravanan	Towards formulating class room practices in Teaching-learning, Evaluation	Two days workshop on 'Towards formulating class room practices in Teaching-learning, Evaluation.	Mar Ivanios, College (Autonomous), Trivandrum, Kerala.	10/9/15 to 11/9/15	Zoology

28	Dr.R.Manimekalai	Population Growth and Economic Development	National Seminar	Jamal Mohamed College, Trichy	19-01-2016	Economics
29	Dr.R.Manimekalai	Population Growth and Economic Development	National Seminar	Jamal Mohamed College, Trichy	19-01-2016	
30	Dr.R.Manimekalai	Role of Insurance in Indian Economic Development	National Seminar	Department of Economics, Bharathidasan University, Trichy	3-02-2016	
31	Dr.R.Manimekalai & Tmt.V.Kaleeswari	Impact of Workforce Diversity on Productivity	National Seminar	NMC, Puthanampatti	16-01-2016	
32	Tmt.V.Kaleeswari	An Analysis of mobile Banking Users in Erode District	National Seminar	Bharathidasan University, Trichy	03-02-2016	
33	Tmt.V.Kaleeswari	An Analysis of User's perception of Modern Banking in Erode District	National Seminar	St.Joseph's College, Trichy	27-02-2016	
34	Mrs S.Suguna	FDI in Retail in India	National Seminar	St.Joseph's College, Trichy	27-02-2016	

35	Dr.V.Mohanaselvi	The Maximal Global Domination in Graphs	National Seminar on Recent Trends in Applied Mathematics	Mannar Thirumalai Naicker College, Madurai	August 14, 2015	Mathematics
36	Dr.V.Mohanaselvi	The Connected Complement Domination in Graphs	National Seminar on Recent Trends in Applied Mathematics	Mannar Thirumalai Naicker College, Madurai	August 14, 2015	
37	Dr.V.Mohanaselvi	The Clique Domination in Graphs	National Seminar on Recent Trends in Applied Mathematics	Mannar Thirumalai Naicker College, Madurai	August 14, 2015	
38	Dr.V.Mohanaselvi	The Cycle Complement domination in Graphs	National seminar on Recent Trends in Applied Mathematics	Mannar Thirumalai Naicker College, Madurai	August 14, 2015	
39	Dr.V.Mohanaselvi	The Rebellion Number in Graphs	National Conference on Energy of Graphs	Maharani's Science College for Women, Mysuru	March 11-12, 2016	
40	Dr.V.Mohanaselvi	Paramount Domination in Bipolar Fuzzy	National Conference on Energy of	Maharani's Science College for	March 11-12, 2016	

		Graphs	Graphs	Women, Mysuru		
41	Dr.V.Mohanaselvi	Tensor product in Detour Radial Graphs	National Conference on Energy of Graphs	Maharani's Science College for Women, Mysuru	March 11- 12, 2016	
42	Dr.V.Mohanaselvi	Dual Connected Neighborhood Domination in Graphs	National Conference on Energy of Graphs	Maharani's Science College for Women, Mysuru	March 11- 12, 2016	
43	Dr.V.Mohanaselvi	The Legendary Domination in Graphs	National Conference on Energy of Graphs	Maharani's Science College for Women, Mysuru	March 11- 12, 2016	
44	Dr.V.Mohanaselvi	Super Geometric Mean labeling of Some Union Related Graphs	National Conference on Energy of Graphs	Maharani's Science College for Women, Mysuru	March 11- 12, 2016	
45	Ms. P.Kavitha	The Cycle Complement dominnation in Graphs	National seminar on Recent Trends in Applied Mathematics	Mannar Thirumalai Naicker College, Madurai	August 14, 2015	
46	Ms. P.Kavitha	The Cycle neighbordhood dominnation in	National Level Conference on Graph	Department of Mathematics	Feb 2016.	

		Graphs	Theory, Fuzzy Graph Theory And Their Applications.	, Jamal Mohamed College, Trichy		
47	Ms. P.Kavitha	The Legendary Domination in Graphs	National Conference on Energy of Graphs	Maharani's Science College for Women, Mysuru	March 11-12, 2016	
48	Ms. P.Backialakshmi	Recent Trends in Applied Mathematics	National Seminar	Mannar Thirumalai Naicker College, Madurai	August 2015	
49	Ms. S.Dhivyakannu	Recent Trends in Applied Mathematics	National Seminar	Mannar Thirumalai Naicker College, Madurai	August 2015	
50	Dr.V.Mohanaselvi	The Study on Detour Radial Graph and b-Radial Graph	Inter National Conference on Discrete Mathematics- 2016 and Graph Theory Day-XII	Siddaganga Institute of Technology, Tumukkur, Karnataka	June 9-11, 2016	

International Level:

S.No	Name of the Staff	Title of Paper	Name of the Conference	Place	Period	Department
1	Dr. M. Ramesh	Synthesis, characterization and biological studies on copper(II) complexes of 1-(morpholino-4-ylmethyl)pyrrolidine-2,5-dione	International Conference on Chemical and Environmental Research.	Jamal Mohamed College, Trichy – 20	17.12.15	Chemistry
2	Dr. A. Kasthuri & Mr. P. Johnraj	Removal of Congo Red dye by adsorption using activated ipomoea carnea	International Conference on Chemical and Environmental Research.	Jamal Mohamed College, Trichy – 20	17.12.15	
3	Dr. A. Kasthuri & Mr. P. Johnraj	Influence of sodium potassium tartarate on 2-CLEPA – Zn ²⁺ system on the corrosion of steel in sea water	International Conference on Chemical and Environmental Research.	Jamal Mohamed College, Trichy – 20	17.12.15	
4	Dr. M.Ramesh	Synthesis, characterization and biological studies on 1-(piperidino-1-ylmethyl)pyrrolidine-2,5 dione	International Conference on Chemistry Renewable energy	Bishop Heber College, Trichy-20	25.2.2016 & 26.2.2016	
5	Ms.R.Lakshmi	“Discourse of Agony and Protest: A Reading of Bama’s <i>Karukku</i> ”	International Seminar on “The Role of Literature in Social Upliftment: Need of New Perspectives”	Sermathai Vasanth College of Arts and Science, Madurai	23-01-2016	English

6	Ms.R.Lakshmi	“Exploitation and Destruction Of Nature in Magaret Atwood’s <i>Surfacing</i> ”	International Seminar on “Canadian Studies”	St..Joseph College, Trichy	01-02-2016	
7	Ms.R.Lakshmi	“The Role of ICT in English Language Teaching and Learning”	International Seminar on “English Language and Literature: Retrospects and Prospects”	Bishop Heber College, Trichy	04-02-2016 & 05-02-2016	
8	S.P.Visalakshi	De-centered Humanity in Githa Hariharan’s “Thousand Faces of Night”	Two- Day International Conference on “English Language and Literature: Retrospects and Prospects”	Bishop Heber College, Trichy	04-02-2016 & 05-02-2016	
9	S.P.Visalakshi	An Exploration of Garrison Mentality in Margaret Atwood’s <i>Survival</i> : A Thematic Guide to Canadian Literature	One Day International Conference on Canadian Studies	St. Joseph’s College, Trichy	01.02.2016	
10	S.P.Visalakshi	English for Employability	Two Day International Conference on ‘Perspectives of Language, Literature and Theory’	SriAkilande swari Women’s College, Vandavasi	25.10.2015 & 26.10.2015	

11	S.P.Visalakshi	The Role of Advertisement in Today's Business	One Day International Seminar on Emerging Trends in Global Business	Nehru Memorial College	16.02.2016	
12	முனைவர்.கி.கீதா	சங்க இலக்கியங்களில் வரலாற்று செய்திகள்	One Day International Conference	உலகத் தமிழ்த் தகவல் தொழில் நுட்ப மன்றம்	பிப்ரவரி 2016	Tamil
13	முனைவர். வா.ரா. விஜயலெட்சுமி	தமிழர் வாழ்வியல் மரபும் மாற்றமும்	One Day International Conference	கே.எஸ்.ஜி. கலை அறிவியல் கல்லூரி	டிசம்பர் 2015	
14	முனைவர். வா.ரா. விஜயலெட்சுமி	தென்பாண்டி நாட்டுப் படைப்பாளர்கள் சமூக சிந்தனைகள்	One Day International Conference	கே.எஸ்.ஜி. கலை அறிவியல் கல்லூரி	டிசம்பர் 2015	
15	முனைவர் சி. பிரபாகரன்	செந்தமிழாற்றுப் படையில் தமிழின் சிறப்புகள்.	One Day International Conference	செம்மொழித்தமிழ்	டிசம்பர் 2015	
16	முனைவர் சி. பிரபாகரன்	ஆகாயம் காணாத நட்சத்திரம் நாவலில் பெண்ணியச்சிந்தனைகள்	One Day International Conference	நவீனத் தமிழாய்வு	டிசம்பர் 2015	
17	பேரா.ச.முரளி	கருப்பொருளில் நெய்தல்	One Day International Conference	நவீனத் தமிழாய்வு	செப்டம்பர் 2015	
18	A.Veerapandiyan	Recreation of artificial sun from atom for fuel in laboratory	National conference	Sathyabam a university	26-06-2016	Physi cs
19	Dr. K. Saravanan	Studies on the effect of horse dung in the wastewater treatment.	Seminar	Department of Ecology, CMS College, Kottayam, Kerala	5 days/ 21.01.15 To 25.01.15	Zoology
20	Dr. K. Saravanan	Colony Characteristics and Foraging Pattern of Rock Bee (<i>Apis dorsata</i>) in rural human habitation.	Seminar	Department of Ecology, CMS College, Kottayam, Kerala.	5 days/ 21.01.15 To 25.01.15	

21	Dr. K. Saravanan	Toxic effect of traditionally used antidiabetic polyherbal formulation on albino rats”	Seminar	Department of Chemistry, Ratnam College of Arts, Science & Commerce. Bhandup (W), Mumbai.	2days/ 16.01.15 To 17.01.15
22	Dr. K. Saravanan	Biochemical Changes in <i>Oreochromis mossambicus</i> treated with vitamin C doped mgs Nanoparticles.	Seminar	Department of Chemistry, Ratnam College of Arts, Science & Commerce. Bhandup (W), Mumbai.	2days/ 16.01.15 To 17.01.15
23	Dr. K. Saravanan	Biosynthesis, characterization and drug loading efficiency of polyherbal extract loaded chitosan nanoparticles	Seminar	Rajiv Gandhi Centre for Biotechnology, and Mar Ephraem College of Engineering and Technology	2 days/ 04.03.16 To 05.03.16
24	Dr. K. Saravanan	Evaluation of detoxifying effect of <i>Calotropis gigantea</i> in heavy metals exposed <i>Oreochromis mossambicus</i>	Seminar	Rajiv Gandhi Centre for Biotechnology and Mar Ephraem College of Engineering and Technology	2 days/ 04.03.16 To 05.03.16
25	Dr. K. Saravanan	Antifertility effect of <i>Abrus precatorius</i> L seed extracts on male albino rat	Seminar	Rajiv Gandhi Centre for Biotechnology and Mar Ephraem	2 days/ 04.03.16 To 05.03.16

				College of Engineering and Technology	
26	Dr. K. Saravanan	Data-mining of bioactive compounds with cancer treatment properties in the plants of Rosaceae family	Seminar	Rajiv Gandhi Centre for Biotechnology and Mar Ephraem College of Engineering and Technology	2 days/ 04.03.16 To 05.03.16
27	Dr. K. Saravanan	Green synthesis and characterization of silver nanoparticles using medicinal plant <i>Ventilago maderaspatana</i> (Red Creeper)	Seminar	Rajiv Gandhi Centre for Biotechnology and Mar Ephraem College of Engineering and Technology	2 days/ 04.03.16 To 05.03.16
28	Dr. K. Saravanan	Collection and data-mining of bioactive compounds with cancer treatment properties in the plants of Solanaceae family	Seminar	Rajiv Gandhi Centre for Biotechnology and Mar Ephraem College of Engineering and Technology	2 days/ 04.03.16 To 05.03.16
29	Dr. K. Saravanan	Antidiabetic effect of mixture of <i>Cyathea nilgiriensis</i> (Holtum) and <i>Pterocarpus marsupium</i> Roxb. In streptozotocin induced diabetic rat model	Seminar	Rajiv Gandhi Centre for Biotechnology and Mar Ephraem College of Engineering and Technology	2 days/ 04.03.16 To 05.03.16
30	Dr.K.Neelannarayanan	Birds of Agriculture Importance of owls for	Seminar	ICAR Central Arid zone research	15.10.20 15 to 17.10.20 15

		vertebrate past management		Institute, Jodhpur		
31	Dr.K.Neelananarayanan	Risk & Damage assessment due to rodent pest in poddy & coconut and biological control of rodent pests	Seminar	Agricultural University, Karala	19.01.2016	
32	Dr.T.Porselvi	Knowledge Management	International Seminar	NMC, Puthanampatti	16.01.2016	
33	Dr.Karunaharan & Tmt.S.Suguna	Scope of Global Business from the Government programme for the Cropping Pattern in India	International Seminar	NMC, Puthanampatti	16-01-2016	Economics
34	Dr.R. Periyasamy	Data Mining techniques on satellite databases	International Conference	OMICS International Group, USA	17/08/2015 to 19/08/2015	
35	K.Saraswathi	Diagnosis of different stages of Non-proliferative Diabetic Retinopathy	International Conference	Medicare expo, Bangalore	25 th November 2015	
36	R.Akila	Extemporization of Business Strategies using Apriori based on Import and Export Patterns with Quantities	International Conference	Jamal Mohamed College, Trichy	3 rd and 4 th December 2015	Computer Science
37	J.Saigeetha	MRImEncA-Analysis and Enhancement of speed and security in Public key Cryptography for image file	International Conference	Jamal Mohamed College, Trichy	3 rd and 4 th December 2015.	

38	P.Kalpana	A Filter-based Feature Selection using Information Gain with Median Based Discretization for Naive Bayesian Classifier	International Conference	Jamal Mohamed College, Trichy	3 rd and 4 th December 2015	
39	K.Saraswathi	Entropy based image retrieval methodology for Retrieving images	International Conference	Jamal Mohamed College, Trichy	3 rd and 4 th December 2015	
40	R.Mahendran	Enhancing security in public key algorithm SCRZE Approach	International Conference	Jamal Mohamed College, Trichy	3 rd and 4 th December 2015	

NATIONAL/ INTERNATIONAL PUBLICATIONS**National Publications:**

S. No	Name of the Staff	Title of paper	Year	Name of the Journal	Dept
1	Dr. M.Ramesh	Synthesis, characterization and screening of antimicrobial activity of metal complexes derived from the Mannich base, N-(Piperidinomethyl) phthalimide	June 2016	American Journal Of PharmTech Research	Chemistry
2	Dr. M.Ramesh	Synthesis, characterization and biological studies of copper	June 2016	International Journal of PharmTech Research	
3	Dr.A.Idhayadhulla and Dr.R.Surendrakumar	Synthesis and Evaluation of Antimicrobial activity of novel 3-{{1-pyridin-2-ylmethylene}amino}-2-thioxoimidazolidin-4-one analogues	2015	Der Pharmacia Lettr	
4	Manjula, G and Saravanan, K.	Egg Consumption and its changing pattern in the Emerging world. 2015	2015	Kissan A Journal of Agriculture and rural development	
5	Dr.A.Idhayadhulla and Dr.R.Surendrakumar	Nematicidal, Larvicidal and Antimicrobial activity of some new Mannich base imidazole derivatives	2016	Journal of Pharmaceutical Research	
6	Dr.A.Idhayadhulla and	Synthesis and Evaluation of Antimicrobial activity of	2015	Der Pharmacia Lettr	

	Dr.R.Surendraku mar	novel 3-{{1-pyridin-2-ylmethylene]amino}-2-thioxoimidazolidin-4-one analogues			
7	Dr.A.Idhayadhulla and Dr.R.Surendraku mar	Environmental biotoxicity screening of some pyrrole and 1,4-dihydropyridine heterocyclic derivatives	2015	Journal of Applied Pharmaceutical Science	
8	Dr.A.Idhayadhulla and Dr.R.Surendraku mar	Anticonvulsant, analgesic and anti-inflammatory activities of some novel pyrrole and 1,4-Dihydropyridine derivatives	2015	Journal of Chemical and Pharmaceutical Research	
9	Dr.A.Idhayadhulla and Dr.R.Surendraku mar	Evaluating the Antibacterial Potential of Streptomyces sp	2015	Translational Biomedicine	
10	Dr.A.Idhayadhulla and Dr.R.Surendraku mar	Environmental biotoxicity screening of some pyrrole and 1,4-dihydropyridine heterocyclic derivatives	2015	Journal of Applied Pharmaceutical Science	
11	Dr.A.Idhayadhulla and Dr.R.Surendraku mar	Anticonvulsant, analgesic and anti-inflammatory activities of some novel pyrrole and 1,4-Dihydropyridinederivatives	2016	Journal of Chemical and Pharmaceutical Research	
12	Muruganantham and S.Kumararaman	Growth of Organic SEOB Crystals		Archives of Applied Research	Physics
13	Ms.R.Lakshmi	“Myth in Shashi Tharoor’s The great Indian Novel”	2016	South Indian Folklorist	English

International Journals:

S. No	Name of the Staff	Title of paper	Year	Name of the Journal	Dept
1	Dr.M.Ramesh	Synthesis, characterization and screening of antimicrobial activity of meta complexes derived from the Mannich base, N-(Piperidino2methyl)phthali mide	2016	American Journal of Pharm Tech Research	Chemistry
2	Dr.M.Ramesh	Synthesis, characterization and biological studies of copper(II) complexes of 2-(Piperidin-4-Ylmethyl) isoindoline-1,3-dione	2016	International Journal of Pharm Tech Research	
3	Dr.A.Idhayadhulla and Dr.R.Surendrakumar	Re2O7-catalyzed formal [3 + 2] cycloaddition for diverse naphtho[1,2-b]furan-3-carboxamides and their biological evaluation	2016	Molecular Divers	
4	Dr.M.Ramesh	Synthesis, characterization of new mannich base ofn 1-(morphopline-4ylmethyl) pyrrolidine-2,5-dione(L) with some transition metal complexes	2016	International journal of Pharmacy and pharmaceutica l research	
5	Dr.M.Ramesh	Synthesis, characterization and screening antimicrobial activity of metal complexes derived from the Mannich base, N-(Morpholinomethyl) succinimide	2016	International Journal of chemtech research	

6	Dr. A. Idhayadhulla and Dr. R.surendrakumar	Anti-inflammatory and antimicrobial activities of novel pyrozole analogues	2016	Saudi journal of Biological Science- Elsevier	
7	Dr. A. Idhayadhulla and Dr. R.surendrakumar	Synthesis of novel three compoundimidazole derivativesvia Cu(II) catalysisand their larvicidaland antimicrobial activities	2015	Monatsheftefu erChemie/ Chemical Monthly · April 2016	
8	Dr. A. Idhayadhulla and Dr. R.surendrakumar	Evaluating the In Vitro Antagonism of Secondary Metabolites Fractionated from the Brown Algae	2015	Sargassumswa rtzii against Human Candida spp. Translational Biomedicine	
9	Dr. A. Idhayadhulla and Dr. R.surendrakumar	Biological Evaluation of Some Imidazolidine-2,4- dione and 2- thioxoimidazolidin-4-one Derivatives as Anticoagulant Agents and Inhibition of MCF-7 Breast Cancer Cell Line	2016	International Journal of Pharmacology	
10	Dr. A. Idhayadhulla and Dr. R.surendrakumar	Synthesis and Biological Evaluation of Diverse Tetrahydrobenzofuran-4- ones as Potent Antibacterial	2016	Journal of Industrial and Engineering Chemistry	
11	Dr. A. Idhayadhulla and Dr. R.surendrakumar	An in vitro antibacterial and anticandidal activity of Sonneratia alba	2016	(J. Smith)- Thalassas,	
12	Dr. A. Kasthuri & P. Johnraj	Removal of congo red dye by adsorption using	2015	International journal of	

		activated iopomoea carnea		nano corrosion science and engineering	
13	Dr. A. Kasthuri & P. Johnraj	Influence of sodium potassium tartarate on 2-clepa -Zn ²⁺ system on the corrosion of steel in sea water	2015	International journal of nano corrosion science and engineering	
14	Dr. A. Kasthuri & P. Johnraj	Inhibitive effect of Halophosphonic acid on the corrosion of carbon steel in sea water	2015	The International Journal Of Engineering And Science	
15	S.P.Visalakshi	De-centered Humanity in Githa Hariharan's "Thousand Faces of Night"	2016	ROOTS	English
16	R.Rameswari and M.Meenakshisundaram	Microbiological and Physicochemical Analysis of Petroleum and Diesel oil Contaminated Samples from Motor Mechanic Workshop in Trichy City, Tamilnadu, India	2016	International journal of Env Science , comp science and Engineering Technology	Bio-technology
17	M.Meenakshisundaram, M.Pramila and R.Rameswari	Isolation and Screening of Biosurfactant producing bacteria from uyyokondan river, Tiruchirappalli District, Tamil Nadu.	2016	International Journal of Advanced Research	
18	R.Rameswari and M.Meenakshisundaram	Counts of Indicator Bacterial Assemblages and Concentration of Trace Metal and Physicochemical analysis of oil polluted	2016	International Journal of Env Science	

		water and sediment samples from Automobile Garage in Tiruchirappalli city, India			
19	R.Rameswari and M.Meenakshisundaram	Isolation, Screening and Characterisation of Polyhydroxyalkanoate Producing Bacteria from Oil Contaminated Site	2016	International Journal of life science scientific Research	
20	R.Shalini and C.Sasikumar	Comparative study of using vegetable wastes and cattle dungs for degradation of Low density Polyethylene material and visualized through FTIR analysis	2016	Research journal of pharmaceutical, biological and chemical sciences	
21	R.Shalini and C.Sasikumar	Efficacy of microbial consortium on degradation of Low density polythene material through FTIR spectroscopy	2016	International journal for innovative research in science and technology	
22	R.Shalini , and C.Sasikumar	Effect of microbes on Low density polyethylene materials degradation with reference to SEM analysis	2016	International journal of pharma and biosciences	
23	R.Shalini , and C.Sasikumar	Biodegradation of Low density polythene materials using microbial consortium - An Overview	2016	International journal of pharmaceutical and chemical sciences.	
24	S.Kumararaman and N. R. Tamilselvan	High Pressure studies on Superconducting Pnictinides	2016	Journal of Superconductivity	Physics
25	N.R. Tamilselvan and	High Pressure studies and	2016	<i>Journal of</i>	

	S.Kumararaman	transport properties of Polymers		<i>Scientific and Industrial Research</i>	
26	K. Srinivasan, V. K. Chandrasekar, I. Raja Mohamed and A. Venkatesan	Duffing-Van der Pol oscillator type dynamics in Murali-Lakshmanan-Chua (MLC) circuit	2016	<i>Chaos, Solitons & Fractals</i>	
27	K. Srinivasan, V.K. Chandrasekar, R. Gladwin Pradeep, K. Murali and M. Lakshmanan	Different types of synchronization in coupled network based chaotic circuits	2016	<i>Commun Nonlinear Sci Numer Simul</i>	
28	V. Pandiyan, et al.	Marine antifouling property of PMMA nanocomposite films: Results of laboratory and field assessment	2016	<i>International Biodeterioration & Biodegradation</i>	
29	P.R.Venkatesh and A. Venkatesan	Significance of power average of sinusoidal and non-sinusoidal periodic excitations in nonlinear non-autonomous system	2016	<i>Pramana – Journal of Physics</i>	
30	P.R.Venkatesh, A. Venkatesan and M. Lakshmanan	Analytical treatment for synchronizing chaos through unidirectional coupling and implementation of logic gates	2016	<i>Pramana – Journal of Physics</i>	
31	P.R.Venkatesh and A. Venkatesan	Vibrational resonance and implementation of dynamic logic gate in a piecewise-linear Murali–Lakshmanan–Chua circuit	2016	<i>Commun Nonlinear Sci Numer Simul</i>	
32	T.Siva Vijayakumar,	Identification of secondary	2016	Diabetes &	Zoology

	G.Bupesh,K.Prabhu, S. Manivannan, M. Beerammal, E. Manikandan, M.P. Santhi and A. Vijaya anand,	metabolites, Antimicrobial and Antioxidant activity of Grape Fruit (<i>Vitis vinifera</i>) Skin Extract		Obesity International Journal	
33	Viji.J. and Neelannarayanan. P.	Effect of different animal manure on Vermicomposting of mixed leaves litter by utilizing on exotic earthworm,	2016	Eudriluseugen iae. Int. J. Advanced Res	
34	Viji. J. and Neelannarayanan. P.	Vermiremediation of Sugarcane (<i>Saccharumofficinarum</i>) trash – pre-digested with <i>Pseudomonas fluorescens</i>) by utilizing <i>Eudriluseugeniae</i> , <i>Perionyxexcavatus</i> and <i>Lampitomauritii</i> under monoculture condition.	2016	Journal of Current Science Research.	
35	Viji, J. and Neelannarayanan. P.	Vermicomposting of Sunflower (<i>Helianthus annuus</i> L.) cob (pre- digested with <i>Aspergillusniger</i>) without cow dung by utilizing conventional composting earthworms.	2016	International Journal of Current Science Research.	
36	Manjula, G and K. Saravanan.	Poultry industry in India under globalised environment - Opportunities and challenges.	2016	International Journal of Scientific Research	

37	Renuka.C., Elavarasi.S. Saravanan. K and Revathi. G.	Antihyperlipidemic Activity Of Biophytum Sensitivum Extracts In Streptozotocin (STZ) Induced Diabetic Albino Rats.	2016	International Journal of Pharma and Bio Sciences
38	Revathi.G., Elavarasi.S and Saravanan.K, 2015.	Evaluation of toxic effect of traditionally used antidiabetic polyherbal formulation on albino rat.	2016	International Journal of Pharma and Bio Sciences
39	Karupppannan, P and Saravanan, K. 2016.	Ethnobotanical, phytochemical and pharmaceutical studies of medicinal plants Ventilago maderaspatana Gaertn Red Creeper: A Review.	2016	International Journal of current Pharmaceutica l Research.
40	Balan Velusamy, Saravanan Kaliyaperumal and Arulpriya Raju. 2016.	Collection and Data mining of bioactive compounds with cancer treatment properties in the plants of fabaceae family.	2016	International Journal of Pharmaceutica l Sciences and Research
41	Saravanan, K., Jayabal, P., Elavarasi, S., Santhi, M.P and Palanivel, K. 2016.	Anticancer activity of Biophytum sensitivum in breast cancer MCF-7 cell line.	2016	Journal of Cell and Tissue Research
42	Senthamarai Selvan.P and Ramesh, V., 2015	Diversity of Mosquitoes and larval breeding preference based of physio – chemical parameters in western ghats, Tamilnadu, India	2016	Elsevier - Asian Pacific Journal of Tropical Disease, 5 (1) S59–S66.
43	Ramesh, V. and Chinnamal.S,	Investigation on the Anti- Insect activities of Datura stramonium (L.) against	2016	Indo – Asian Journal of Multidisciplina

		Tobacco caterpillar, Spodoptera litura Fab. (Noctuidae: Lepidoptera)”		ry Research (IAJMR) Volume – 2; Issue - 2; Year – 2016; Page: 568 – 573.	
44	Ramesh, V. and Senthilkumar.N.,	Senthilkumar.N., Bioefficacy of some plant products against brinjal fruit borer, Aphis gossypii (glover) (aphididae: hemiptera)	2016	Life Science Archives (LSA) Volume – 2; Issue - 2; Year – 2016; Page: 500 – 555	
45	Subashini, K., N. Ramesh and A. Jeyasankar.	Larvicidal activity of silver nanoparticles synthezed by the leaf extracts of Adhatoda vasica against Culex quinquefasciatus (SAY), Diptera, Culicidae.	2016	International Research Journal of Nature and Applied Sciences.	
46	Thangamani.R. P. Viji,	A review on Immunostimulant effects in fishes.	2016	Acta Biomedica Scientia.	
47	M.P. Santhi, G.Bupesh, S. Magesh, K. Meenakumari, E. Manikandan, K. Saravanan,	In vitro anticancer activity of Biophytum sensitivum whole plant extracts against cervical and liver cancer line	2016	International Journal of Pharmacy & Technology	
48	M.P. Santhi, G.Bupesh, V. Senthilkumar, K. Meenakumari, E. Manikandan, S.	Anticancer activity and drug likeliness of quionline through Insilico docking against Cervical and Liver cancer receptors	2016	International Journal of Pharmacy & Technology	

	Meenakumari, P. Sathyarajeswaran, K. Saravanan,				
49	Ramesh.V. and Arivudainambi.S	Acute oral toxicity of cold pressed neem oil in animals,	2016	International Journal of Recent Scientific Research	
50	Ramesh.V. and Arivudainambi.S	Safety evaluation of cold pressed neem oil derived pesticides,	2016	International Journal of Pharmaceutica l & Biological Archives	
51	Kalaiselvan, K and N. Ramesh	Population and current Status of Indian Peafowl (Pavo cristatus Linn. 1758) in Thuraiyur area, Trichy District, Tamilnadu, Souther India.	2016	International Journal of Zoological Studies	
52	Dr.V.Saavithri	Lehmann-Type Laplace Distribution-Type II Software Reliability Growth Model	2016	International Journal of Applied Engineering Research	Mathematics
53	Dr.V.Saavithri	Estimation of Parameters for Order Statistics of Lehmann-Type Laplace Distribution Type I and Type II	2016	Global Journal of Pure and Applied Mathematics	
54	Dr.V.Saavithri	Software Reliability Growth Model based on Order Statistics of Lehmann-Type Laplace Distribution-Type II	2016	International Journal of Applied Engineering Research	

55	Dr.V.Saavithri	Lehmann-Type Laplace Distribution-Type I Software Reliability Growth Model to OPSEARCH	2016	(SCOPUS)	
56	Dr.V.Saavithri	Algorithm for Software Reliability Growth Model based on Order Statistics of Lehmann-Type Laplace Distribution-Type I,	2016	Research Journal of Mathematical and Statistical Sciences	
57	Dr.V.Mohanaselvi	Mean Labeling Super Geometric of some Cycle related Graphs	2016	International Journal of Scientific and Engineering Research	
58	Dr.V.Mohanaselvi	The Cycle Neighbourhood Domination in Graphs	2016	Jamal Academic Research Journal : An Interdisciplina ry	
59	Dr.V.Mohanaselvi	The Connected Compliment Domination in Graphs	2016	International Journal of Research in Engineering and Applied Sciences	
60	Dr.V.Mohanaselvi	Paramount Domination in Bipolar Fuzzy Graphs	2016	International Journal of Scientific & Engineering Research	
61	Dr.V.Mohanaselvi	The Rebellion Number in	2016	International	

		Graphs		Journal of Scientific & Engineering Research	
62	Dr.V.Mohanaselvi	Tensor Product in Detour Radial Graphs	2016	International Journal of Scientific & Engineering Research	
63	Dr.V.Mohanaselvi	Dual Connected Neighbourhood Domination in Graphs	2016	International Journal of Scientific & Engineering Research	
64	Dr.V.Mohanaselvi	The Legendary Domination in Graphs	2016	International Journal of Scientific & Engineering Research	
65	Dr.V.Mohanaselvi	Super Geometric Mean Labeling of some Union related Graphs	2016	International Journal of Scientific & Engineering Research	
66	Dr.V.Mohanaselvi	Strong (Weak) Domination and Independent Strong (Weak) Domination in Bipolar Fuzzy Graphs	2016	International Journal of Research in Engineering and Applied Sciences	
67	Dr.V.Mohanaselvi	Energy of Some Standardized Detour Radial Graph	2016	International Journal of Research in Engineering	

				and Applied Sciences	
68	Ms. P.Kavitha	The Legendary Domination in Graphs	2016	International Journal of Scientific & Engineering Research	
69	Ms. P.Kavitha	The Cycle Neighbourhood Domination in Graphs	2016	Jamal Academic Research Journal : An Interdisciplinary	
70	Ms.S.Dhivyakannu	The connected complement domination in graphs,	2016	International Journal of Research in Engineering and Applied Sciences,	
71	Ms.P.Backialakshmi	Status Sequence and detour status sequence of Wheel and complete graphs	2015	Recent Trends in Applied Mathematics	
72	Dr.T.Porselvi	Changing Pattern of Tribal Livelihood in Kolli hills	2016	International Journal of Applied Management Research	Economics
73	Dr. S. Murugan	Feature Extraction from Remote Sensing Image (RSI) Using Clustering K means Algorithm	2015	International Journal of Advanced Research in Computer Science and SoftwareEngin	Computer Science

				eering	
74	Dr. S. Murugan	Feature Extraction of Linear Objects from Remote Sensing Image (RSI) Using Gradient Filters	2015	International Journal of Advanced Research in Computer Science and Software Engineering	
75	Dr. K.Mani and Mrs. R.Akila	Extemporization of Business Strategies using Apriori based on Import and Export Patterns with Quantities	2015	International Journal of Applied Engineering research	
76	Dr. K.Mani and Ms. P.Kalpana	A Review on Filter Based Feature Selection		International Journal of Innovative Research in Computer and Communication Engineering	
77	Dr. K.Mani and Mr. R.Mahendran	Enhancing security in public key algorithm SCRZE Approach	2015	International Journal of Applied Engineering research	
78	Dr.K.Mani and N.Elavarasan	A Survey on Dimensionality Reduction Techniques	2015	International Journal of Engineering	

				Trends and Technology in computer Science	
79	Dr.K.Mani and N.Elavarasan	A Survey on Feature Extrction Techniques	2015	International Journal of Innovative Research in Computer and Communicatio n Engineering	
80	Dr. K. Mani and Ms. P.Kalpana	A Filter-based Feature Selection using Information Gain with Median Based Discretization for Naive Bayesian Classifier	2015	A Scopus Indexed Jouranl	
81	Dr. K.Mani and Ms. P.Kalpana	An Efficient Feature Selection Algorithm based on Bayes Theorem, Self Information and Sequential Forward Selection	2015	International Journal of Information Technology and Computer Science	
82	Dr.K. Mani and M. Viswambari	Improving the Speed of Scalar Point Multiplication in Elliptic Curve Cryptography Using 1's Complement	2015	International Journal of Applied Engineering Research	
83	K.Mani and A.Devi	Enhancing Security in Cryptographic Algorithms Based on IENCCRS Scheme	2015	International Journal of Applied Engineering Research	
84	K.Mani and M.Mullai	Survey on the security	2015	International	

		features of cryptographic techniques in mobile devices		Journal of Innovative Research in Computer and Communication Engineering	
85	K.Mani and R.Mohana Krishnan	A Survey on Cloud Computing Virtualization	2016	International Journal of Innovative Research in Computer and Communication Engineering	
86	Mrs. D.Jayachitra	Heterogeneous network traffic mining using unsupervised classification framework	2015	international journal of applied engineering research	
87	Mrs. D.Jayachitra	Survey of supervised classification framework development on heterogeneous network	2015	International Research Journal of Engineering and Technology	
88	Mrs. D.Jayachitra	Traffic Analyzing and Controlling using Supervised Parametric Clustering in Heterogeneous Network	2015	Research Journal of Applied Sciences, Engineering and Technology	
89	Mrs. J,Saigeetha	<i>MRImgEncA- Analysis and Enhancement of speed and</i>	2015	International Journal of	

		<i>security in Public key Cryptography for image file</i>		Science and Technology	
90	K.Saraswathi	Diagnosis of different stages of non-proliferative Diabetic retinopathy	2015	Journal of diabetes & Metabolism	
91	Dr. R.Periasamy and D.Nalini	Binary back propagation based lift association mining for heart disease and stroke identification	2015	International Journal of Applied Engineering Research	
92	Dr.R.Periasamy and D.Nalini	Pairwise proximity clustering for medical disease identification	2015	International Journal of Advanced Computer Science and Technology	
93	Dr. R.Periasamy and P.Sharmila devi	A survey of an operative device aimed at crop approximation in the agricultural subdivision	2015	JCSE International Journal Of Computer Science And Engineering	
94	Dr. R.Periasamy and P.Sharmila devi	An analysis of crop return probability consuming using data mining techniques	2015	International Journal Of Mathamatics And Computer Research	
95	Dr. R.Periasamy and R.Rajalakshmi	Mobile cellular network based on software define ratio	2015	International Journal Of Advanced Research In Computer Science And Software	

				Engineering	
96	Dr. R.Periasamy and G.Vijayasree	Data mining scheduled phase sequence : a graphic developing fast food formation records	2015	International Journal Of Computer Science And Engineering	
97	Dr. R.Periasamy and G.Vijayasree	Data mining in telecommunication using anova techniques	2015	International Journal Of Mathematics And Computer Research	
98	Dr. R.Periasamy and K.Arutchelvan	Analysis of cancer detection system using data mining approach	2015	International Journal Of Innovative Research In Advanced Engineering	
99	Dr. R.Periasamy and K.Arutchelvan	Cancer prediction system using data mining techniques	2015	International Research Journal Of Engineering & Technology	
100	Dr. R.Periasamy and R.Rajalakshmi	Future challenges in 5G technologies	2015	International Journal Of Advanced Research In Computer Science & Software Engineering	
101	Dr. R.Periasamy and R.Rajalakshmi	A mobile disaster management system using the android technology	2015	International Journal Of Innovative	

				Research In Advanced Engineering	
102	Dr. R.Periasamy and K.Arutchelvan	Prognosis of lung cancer using data mining techniques	2016	International Journal Of Advanced Research In Computer Science And Software Engineering	
103	Dr. R.Periasamy and M.Valli	Design of a more efficient and effective flip flop use of k-map based boolean function	2016	International Journal Of Science And Research	
104	Dr. R.Periasamy and M.Valli	Design of high speed vedic multiplier using k-map boolean function techniques	2016	International Journal Of Innovative Research In Computer And Communicatio n Engineering	
105	Dr. K.Mani and P.Kalpana	An Efficient Feature Selection Algorithm based on Bayes Theorem, Self Information and Sequential Forward Selection	2016	International Journal of Information Technology and Computer Science	
106	Dr.M.Mary Anbumathy	Kill the Nil with the Skill	2016	PRIMAX International Journal of Management and	Commerce

				Commerce	
107	Dr.M.Mary Anbumathy	Solar Energy	2016	PRIMAX International Journal of Management and Commerce	
108	Dr.T.Gayathri	Strategic E-Business Framework	2016	The Impact of E-Commerce in Modern Business	
109	Mrs.M.G.Prasanna Vanitha	Mobile service providers selected place at Tiruchirappalli District	2016	PRIMAX International Journal of Management and Commerce	

OUR STAFF ACTED AS A RESOURCE PERSON

S.No	Name of the Staff	Name of the Institution	Conference / Seminar / Guest Lecture	Topic	Served as experts, chairpersons or Resource person
1	M.Muralidharan	Lady Dock College, Madurai	Delivered a talk on 30.03.2016	Python for Interfacing	Resource person
2	Dr. K. Mani	Jamal Mohamed College Trichy	Delivered a talk on 17.02.2016	Cryptography	Resource person
3	Dr. K. Mani	BARD Constituent College for Women, Orathanadu	Delivered a talk on 13.02.2015	Modern Cryptographic Algorithms	Resource person
4	Dr. K. Mani	AVC College of Engineering, Mannampandal, Mayiladuthurai	Delivered a talk on 30.05.2016	Cryptography and Security Lab	Resource person
5	K.Ponvel Azhugulakshmi	Lady Dock College, Madurai	Delivered a talk on 30.03.2016	Python for Interfacing	Resource person
6	Ms.P.Kalpana	Shri Sakthi Kailash Women's College, Salem	Delivered a talk on 18.01.2016	Interactive programming using python	Resource person
7	Dr.K.T.Tamilmani	Bharathidasan Institute of Technology	Delivered a talk on 8 th June, 2015	Assessment/ Evaluation: Practices and Alternative Practices	Resource person

8	Dr.K.T.Tamilmani	St.Joseph's Anglo Indian Girls' Higher Secondary School, Trichy	Delivered a talk on 19 th June, 2015	Inaugural Address	Resource person
9	Dr.K.T.Tamilmani	Ganesar College of Arts and Science, Melaisivapuri	Delivered a talk on 8 th and 9 th July, 2015	Foundation Course in English	Resource person
10	Dr.K.T.Tamilmani	Bharathidasan University	Delivered a talk on 14 th November, 2015	English Language Teaching: Principles and Practices	Resource person
11	Dr.K.T.Tamilmani	Periyar Maniammai University, Thanjavur	Delivered a talk on 29.12.2015	Question Paper Setting	Resource person
12	Dr.K.T.Tamilmani	Jamal Mohamed College, Trichy	Delivered a talk on 12 th January, 2016	Chaired a session on Post-colonial writing	Resource person
13	Dr.K.T.Tamilmani	Dhanalakshmi Srinivasan College of Arts and Science, Perambalur	Delivered a talk on 20 th January, 2016	Comparative Literature: Theory and Practice	Resource person
14	Dr.K.T.Tamilmani	Sadakathullah Appa College, Tirunelveli	Delivered a talk on 28 th January, 2016	Delivered a special lecture on "Writing a Biography: Key Features	Resource person

15	Dr. Komahan Kavirinadan	Annai Velankanni College, Tanjore	Delivered a talk on 11 th February 2016	Shakespeare	Resource person
16	Dr.S.Rajendran	Madras University, Chennai	Delivered a talk on 22 nd January 2016	Myth and Epics – Vie of Periyar E.V.R	Resource person
17	Dr.S.Rajendran	Sri saratha Mahavithyalaya Ulunthurpet	Delivered a talk on 18 th March 2016	Folklore Studies	Resource person
18	Dr. K. Srinivasan	Bishop Heber College, Tiruchirappalli	2016	Nonlinear Dynamics – Theory and Experiments	Resource person
19	Dr. A. Rajendran	Jamal Mohamed College, Trichy	Delivered a talk on 23-2-2015	8051 Microcontrolle r and applications	Resource person
20	Dr. A. Rajendran	Nehru Memorial College, Puthanampatti	Delivered a talk on 30-9-2015	Lecture and demonstratio n on 8051 Microcontrolle r and applications	Resource person
21	Dr. P. Neelanarayanan	Radio talk onthrough All India Radio, Tiruchirappalli	Delivered a talk on 12.01.2016	<i>How to control Bird pest in cropping ecosystems</i>	Resource person
22	Dr.V.Saavithri	Holy Cross	Delivered a	Mathematics-	Resource

		College, Tiruchirappalli	talk on 30.06.2015	An introduction	person
23	Dr.V.Saavithri	Seethalakshmi Ramasamy College for Women, Tiruchirappalli	Delivered a talk on 21.09.2015	Image Enhancement	Resource person
24	Dr.V.Saavithri	National College, Tiruchirappalli	Delivered a talk on 08.10.2015	Radon Transform and Image Processing	Resource person
25	Dr.V.Mohanaselvi	Srimathi Indira Gandhi College, Trichy	Delivered a talk on 04.09.2015	Student Development Training Programme	Resource person
26	Dr.V.Mohanaselvi	K. Ramakrishna College of Engineering , Samayapuram, Trichy	Delivered a talk on 12.09.2015	Discrete Mathematics	Resource person
27	Dr.V.Mohanaselvi	Paavendhar College of Atrs & Science, Manivizhundhan South – 636121, Attur Tk., Salem Dt.,	Delivered a talk on 29.09.2015	Euler Fest 2015	Resource person
28	Dr.V.Mohanaselvi	Meenakshi Chandraseker College of Atrs & Science, Thanjavur Main Road, Karambayam, Patukkottai	Delivered a talk on 02.15.2016	Flavours in Mathematics	Resource person

29	Dr.V.Mohanaselvi	S. Kumarasamy College of Engineering, Karur	Delivered a talk on 03.16.2016	Student Development Training Programme On Analytic Function	Resource person
30	Dr.M.Mary Anbumathy	UDC College, Trichy	Delivered a talk on 24.03.2016	Strategy for success	Resource person
31	Dr. K.Mani	BARD Constituent College for Women, Orathanadu	13.02.2015	Modern Cryptographic Algorithms	Resource person
32	Dr. K.Mani	Jamal Mohamed College Trichy	17.02.2015	Cryptography	Resource person
33	Dr. A. Sekar	Dhanalakshmi Srinivasan College of Arts & Science for Women	28.9.2015	Molecular Spectroscopy	Resource person
34	Dr. A. Sekar	Training Program for BT teachers, Thuraiyur region	26.08.2015	General Chemistry	Resource person
35	Dr.P.Neelannarayanan	Kerala Agricultural University, Thrissur	24.01.2016	Rodent Pest Management	Resource person
36	Dr.P.Neelannarayanan	IIHR, Bangaluru	22.01.2016	Management of Higher vertebrates in cultivated Ecosystems policy issue	Resource person

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission
