

# ANNUAL QUALITY ASSURANCE REPORT (AQAR)

**2014 – 2015**

**Submitted to NAAC**



**Submitted by**



**NEHRU MEMORIAL COLLEGE**

**(AUTONOMOUS)**

**(Nationally accredited 'A' Grade by NAAC)**

**PUTHANAMPATTI, TIRUCHIRAPALLI Dist.**

**TAMILNADU – 621 007, INDIA.**

**(September – 2015)**

**Part – A**

**1. Details of the Institution**

<b>1.1 Name of the Institution</b>	<b>NEHRU MEMORIAL COLLEGE</b>
	(AUTONOMOUS)
<b>1.2 Address Line 1</b>	PUTHANAMPATTI
<b>Address Line 2</b>	MUSIRI (Taluk)
<b>City/Town</b>	Thiruchirappalli – District.
<b>State</b>	Tamil Nadu
<b>Pin Code</b>	621 007
<b>Institution e-mail address</b>	info@nmc.ac.in
<b>Contact Nos.</b>	04327-234227
<b>Name of the Head of the Institution:</b>	DR.T.JAYAPRAKASAM M.Com., M.Phil., Ph.D
<b>Tel. No. with STD Code:</b>	04327 - 234228
<b>Mobile:</b>	09442869061
<b>Name of the IQAC Co-ordinator:</b>	Dr .A. VENKATESAN, M.Sc., M.Phil., Ph.D.,
<b>Mobile:</b>	094430 08804
<b>IQAC e-mail address:</b>	iqacnmc2012@gmail.com

**1.3 NAAC Track ID**

(For ex. MHCOGN 18879)

**1.4 NAAC Executive Committee No. & Date:** EC/62/A&A/033

(For Example EC/32/A&A/143 dated 3-5-2004.  
This EC no. is available in the right corner –bottom  
of your institution's certificate)

**1.4 Website address:** www.nmc.ac.in

**Web-link of the AQAR:**

**1.5 Accreditation Details**

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

**1.6 Date of Establishment of IQAC :**

18/06/2011

( DD / MM / YYYY )

**1.7 AQAR for the year****1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by**

1. AQAR submitted to NAAC on 12-10-2011.
2. AQAR 2012 – 2013 submitted to NAAC on 26-09-2013.

**1.9 Institutional Status**

<b>University</b>	<b>State</b>	<input checked="" type="checkbox"/>	<b>Central</b>	<input type="checkbox"/>	<b>Deemed</b>	<input type="checkbox"/>	<b>Private</b>	<input type="checkbox"/>
<b>Affiliated College</b>	<b>Yes</b>	<input checked="" type="checkbox"/>						
<b>Constituent College</b>	<b>No</b>	<input type="checkbox"/>						
<b>Autonomous college of UGC</b>	<b>Yes</b>	<input checked="" type="checkbox"/>						
<b>Regulatory Agency approved Institution</b> (eg. AICTE, BCI, MCI, PCI, NCI)		<b>Yes</b>	<input type="checkbox"/>	<b>No</b>	<input type="checkbox"/>			
<b>Type of Institution</b>	<b>Co-education</b>	<input checked="" type="checkbox"/>						
	<b>Rural</b>	<input checked="" type="checkbox"/>						
<b>Financial Status</b>	<b>Grant-in-aid</b>	<input checked="" type="checkbox"/>	<b>UGC 2(f)</b>	<input checked="" type="checkbox"/>				
	<b>UGC 12B</b>	<input checked="" type="checkbox"/>						
<b>Grant-in-aid + Self Financing</b>		<input checked="" type="checkbox"/>	<b>Totally Self-financing</b>		<input type="checkbox"/>			

**1.10 Type of Faculty/Programme :**

<b>Arts</b>	<input checked="" type="checkbox"/>	<b>Science</b>	<input checked="" type="checkbox"/>	<b>Commerce</b>	<input checked="" type="checkbox"/>
<b>Law</b>	<input type="checkbox"/>	<b>PEI (Phys Edu)</b>	<input type="checkbox"/>	<b>TEI (Edu)</b>	<input type="checkbox"/>

Engineering

Health Science

Management

Others (Specify)

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

Bharathidasan University  
Thiruchirappalli.

1.12 Special status conferred by Central/ State Government

-- UGC/CSIR/DST/DBT/ICMR etc 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

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and  
community representatives

2.7 No. of Employers/ Industrialists

<b>2.8 No. of other External Experts</b>	01				
<b>2.9 Total No. of members</b>	13				
<b>2.10 No. of IQAC meetings held</b>	01				
	<table border="1"> <tr> <th>S.No</th> <th>DATE</th> </tr> <tr> <td>01.</td> <td>28 September 2015</td> </tr> </table>	S.No	DATE	01.	28 September 2015
S.No	DATE				
01.	28 September 2015				

<b>2.11 No. of meetings with various stakeholders:</b>	No.	---	Faculty	10 (MQAC)
	Non-Teaching Staff	---	Students	---
	Alumni	---	Others	---
<b>2.12 Has IQAC received any funding from UGC during the year?</b>	Yes	<input checked="" type="checkbox"/>		
<b>If yes, mention the amount</b>	Rs. 3.00. Lakhs.			

### 2.13 Seminars and Conferences (only quality related)

#### (i) No. of Seminars / Conferences / Workshops / Symposia organized by the IQAC

<b>Total Nos.</b>	1	<b>International</b>	-	<b>National</b>	-	<b>State</b>	-	<b>Institution Level</b>	<input checked="" type="checkbox"/>
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#### (ii) Themes

1. Faculty Development Programme on “Sustenance/ Enhancement of Quality in Higher Education.”

### 2.14 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 the Proposals for UG and PG development Grants for XII plan period
2. Organized one-day Faculty Development Programme on “Sustenance/ Enhancement of Quality Higher Education” held on 5<sup>th</sup> August 2015.
3. Organized Academic Audit on Department September held on 1 and 3 September 2015.
4. Obtained Feedback from students on Faculty.

## 2.15 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 **2014 – 15**

Plan of Action	Outcome
<ul style="list-style-type: none"> <li>To Conduct Faculty Development Programmes in this A/Y 2014 - 15.</li> </ul>	<ul style="list-style-type: none"> <li>Workshop on Interactive <b>Programming Using Python</b> from 29 and 30, September 2014.</li> <li>Workshop on <b>Need Based Value Added Research Proposal Writing</b> on 25<sup>th</sup> 26<sup>th</sup> Sep. 2014.</li> <li>Science Academies Lecture workshop on <b>Modern Trends in Biological Sciences</b> from 09 to 11 October 2014.</li> </ul>
<ul style="list-style-type: none"> <li>To conduct Management/ Soft skill and human relationship development for Non Teaching staff.</li> </ul>	<ul style="list-style-type: none"> <li><b>Mr. S. Nanthagopal</b> (Lab Assistant) has been participated in Training Programme on “Ornamental Fish Farming” conducted at Antenna Resource Centre, Authaneri from <b>28<sup>th</sup> July to 2<sup>nd</sup> August 2014</b> at Antenna Trust, Maduari, Tamilnadu.</li> </ul>
<ul style="list-style-type: none"> <li>To conduct bridge-course development programme for the students</li> </ul>	<ul style="list-style-type: none"> <li>Dept. of English conducted Bridge course for all 1<sup>st</sup> Year students (June 2015).</li> <li>Dept. of Mathematics conducted Bridge course for 1<sup>st</sup> B.Sc., Chemistry, Mathematics and Physics students.(June 2015)</li> </ul>
<ul style="list-style-type: none"> <li>To conduct department wise guest lecture for the students.</li> </ul>	<p>➤ <b>Economics:</b></p> <ul style="list-style-type: none"> <li>Career Opportunities in Banking Sector on 11-08-2014</li> <li>Recent Changes in Banking Sector on 12-12-2014</li> <li>Campus to Corporate and way Forward on 12.03.2015</li> <li>Online Share Trading on 06-03-2015</li> <li>Globalisation and Labour Market on 09-03-2015</li> </ul> <p>➤ <b>Commerce:</b></p> <ul style="list-style-type: none"> <li>Problems and Prospects of Dairy Industries in India on 13-03-2015</li> <li>Consumer Production Day on 16-03-2015</li> <li>Self Development on 26-02-2015</li> </ul> <p>➤ <b>Chemistry:</b></p> <ul style="list-style-type: none"> <li>Introduction to Bio informatics on 16-03-2015</li> </ul> <p>➤ <b>English:</b></p> <ul style="list-style-type: none"> <li>Stress and De-stress on 24-01-2015</li> <li>Lyceum – Literary and Debating Activities on 18-03-2015.</li> </ul>

<ul style="list-style-type: none"> <li>To organize national seminars/Conference and workshop by various departments.</li> </ul>	<p>➤ <b>Comp. Science:</b></p> <ul style="list-style-type: none"> <li>Seminar on “<b>Building Cloud App</b>” on 31-01-2015.</li> <li>“OPTRA” Intra collegiate competition on 06.03.2015.</li> <li>Inauguration of “CSI Student branch” on 16.03.2015.</li> <li>Seminar on “Sales Force Automation” on 11.07.2014.</li> <li>Seminar on “Mobile Application Development” on 11.07.2014.</li> <li>Seminar on “Personality Dynamics and career Guidance” on 20.01.2015.</li> <li>Seminar on “Enterprise wide Information System” on 20.02.2015</li> <li>Seminar on “Data Structure” on 23.07.2014.</li> <li>Seminar on “Data Mining &amp; its Applications” on 14.03.2015.</li> <li>Seminar on “Industry-Institution: Expectations and Reality” on 02.03.2015.</li> </ul> <p>➤ <b>Commerce:</b></p> <ul style="list-style-type: none"> <li>Investment Avenues on 23.01.2015.</li> </ul> <p>➤ <b>English:</b></p> <ul style="list-style-type: none"> <li>Language Skills for Enhancing the Employability Traits on 2<sup>nd</sup> March, 2015.</li> <li>One day workshop on “Discover Yourself” on 8.10.2014.</li> <li>Faculty Development Programme on 29.10.2014.</li> </ul> <p>➤ <b>Physics :</b></p> <ul style="list-style-type: none"> <li>Science Research opportunities in India and Abroad on 22-01-2015</li> </ul> <p>➤ <b>Embedded System:</b></p> <ul style="list-style-type: none"> <li>Rajiv Gandhi National institute of youth development scheme sponsored workshop on “Personality Development and life skill” on 20 to 23 of February 2015.</li> </ul> <p>➤ <b>College:</b></p> <ul style="list-style-type: none"> <li>“<b>Innovations and Social Development</b>” Lecture delivered by <b>Dr.A.P.J.Abdul Kalam</b>, Former president of India.</li> <li>Entrepreneur Awareness Camp from 10-09-2014 to 12-09-14.</li> <li>Opportunities Through Research on 22-08-2015.</li> </ul> <p>➤ <b>College Day celebrations</b> on 20.03.2015.</p>
<ul style="list-style-type: none"> <li>Yoga programme conducted regularly.</li> </ul>	<p>Yoga Day Celebrated on 21.06.2015 and yoga classes are conducted regularly.</p>
<ul style="list-style-type: none"> <li>To organize sports and cultural activities at inter collegiate level.</li> </ul>	<p>➤ <b>Commerce :</b></p> <ul style="list-style-type: none"> <li>“ <b>COMEX 2015</b>” on 12.02.2015.</li> </ul> <p>➤ <b>Comp. Science:</b></p> <ul style="list-style-type: none"> <li>“<b>THINK QUEST15</b>” on 06.03.2015.</li> </ul> <p>➤ <b>Mathematics:</b></p> <ul style="list-style-type: none"> <li>“<b>RAM FEST2014</b>” on 23-12-14 to 29-12-2014.</li> </ul>

1. To encourage for publishing research articles, text books, magazine and seminar.	<ul style="list-style-type: none"> <li>Teachers were honoured with awards on Sep 5<sup>th</sup>, 2014 (Teachers Day) for having Major/ Minor research projects as well as for produced Ph.D., Scholars. Cash Awards for research articles etc,</li> </ul>
2. Books Published by faculty	<ul style="list-style-type: none"> <li>The text book <b>“English For Communicative Competence”</b> for Part II English Students edited by Dept. Of English.</li> <li><b>“உடைந்த நிலா”</b> (சிறுகதைத் தொகுப்பு) written by Dr. C.Prabhakaran, Dept. of Tamil.</li> <li><b>“கி.இராசா”</b> written by Dr. R.Malarvizhi, Dept. of Tamil</li> <li><b>“An Appearance of Tamil Grammar”</b> written by T. Maheshwari, Dept. of Tamil</li> <li>The text book <b>“Effect of NaCl doping on Growth, Characterization, Optical and Dielectric properties of Potassium Hydrogen Phthalate Crystals”</b> edited by Dr. S. Kumararaman (Co author), Dept. of Physics.</li> </ul>
3. Establishing NET/SET coaching centre.	NET Coaching Classes are Conducted for PG Departments (Physics, Chemistry, Computer Science, Mathematics and Commerce)
4. To arrange Gender sensitization programmes.	<ul style="list-style-type: none"> <li>Prevention of Violence Against Women on 26, Aug, 2014 Sponsored by Sakthi Rotract Club.</li> <li>CSI- Student Branch Inaguration on 16-03-2015.</li> </ul>
5. To strengthen the student counselling and guidance service.	<ul style="list-style-type: none"> <li>More than eight programmes were conducted for entry level services to UPSC, SSC, TNPSC</li> <li>Tutor ward system is being followed to give Coaching and personal counselling to the students.</li> </ul>
6. To conduct more number of Extension Activities.	<ul style="list-style-type: none"> <li>Inspire Science Camp for the 11<sup>th</sup> std students on 17<sup>th</sup> to 21<sup>th</sup> November 2014.</li> <li>Temple Cleaning at Kamatchi Amman Temple, Puthanampatti from 6<sup>th</sup> to 7<sup>th</sup> Feb, 2015 organized by Rotary Club.</li> <li>Mathematics Department Creating the Awareness of Health , Sanitation &amp; Computer for Puthanampatti village peoples on 5<sup>th</sup> May 2015.</li> </ul>
7. Placement Activity	<ul style="list-style-type: none"> <li>8 students (BSc HMCS) are placed in Hotel Heritage Inn, Coimbatore</li> <li>More than 30 students (BSc HMCS) are trained in various Hotels with stipend</li> <li>11 Students ( CS) are placed in Soft Square, Chennai and Furtrix- Business service Company, Trichy.</li> <li>2 Students (Zoology) are placed in TRB, TN Govt.</li> <li>1 Student (Zoology) placed as an Asst. Prof in Holy Cross College, Trichy.</li> <li>16 students from various department are placed in Eureka Forbes Ltd, Trichy.</li> </ul>



<b>8. Student's Activities</b>			
a. Students' achievement			
<b>Department</b>	<b>Rank Holders / Seminars / Conference / Workshop Attended</b>		
<b>Computer Science</b>	<b>NAME</b>	<b>PROGRAMME</b>	<b>RANK</b>
	V. Karthick	BCA	16
	S. Vignesh	B.Sc CS	21
	S. Subasri	M.Sc CS	2
	N. Kamala	MCA	5
	K. Venkatesan	M.Sc IT	16
<b>Chemistry</b>	<b>NAME</b>	<b>PROGRAMME</b>	<b>RANK</b>
	B.bharathi	B.Sc	4
	S. Keerthana	M.Sc.	10
<b>Mathematics</b>	<b>NAME</b>	<b>PROGRAMME</b>	<b>RANK</b>
	P. Nandhini	M.Sc	3
<b>Bio-Technology</b>	<b>NAME</b>	<b>PROGRAMME</b>	<b>RANK</b>
	S.Saranya	M.Sc	12
b. Students' Participation <b>Mathematics</b>	<b><u>Seminars / Conference / Workshop Attended :</u></b> <b>1.</b> Ms.N.Sasikala of attended the workshop conducted by “NBHM, DAE, Mumbai” held at Central University, Thiruvavur on 29 to 31 January 2015.		
<b>Economics</b>	<b>1. K. Mani</b> attended one day training programme “Peer Educators Training Programme” organised by Bharathidasan University on 14.08.2014.  <b>2. T.Parkavi</b> attended 2 days workshop “Personality Development and Life Skills” on 20, 21 February 2015.  <b>3. T.Parkavi</b> participated the “Marathon Competition 2015” at trichy.		

2.16 Whether the AQAR was placed in statutory body : Yes

Management

☒

Syndicate

☐

Any other body

☒

**Part – B**  
**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	13	01 (B.Sc., Botany)	08	--
PG Diploma	02	--	--	--
Advanced Diploma	05	--	05	--
Diploma	--	--	--	--
Certificate	05	--	05	--
Others	--	--	--	08
<b>Total</b>	<b>51</b>	<b>01</b>	<b>44</b>	<b>08</b>
<b>Interdisciplinary</b>				
<b>Innovative</b>				

*List of programmes existing in the academic year 2013-14*

Discipline	UG	PG	M.Phil	Ph.D
<b>Arts</b>	Economics, Tamil Lit., English Lit	-	—	Economics
<b>Science</b>	Physics, Chemistry, Mathematics, Zoology, Computer Science, Hotel Management, Computer Applications	Computer Science, Physics, Zoology, Chemistry, Mathematics, Bio-technology, Information Technology, Computer Applications, Embedded Systems, M.A. English (2014-2015)	Computer Science, Physics, Chemistry, Mathematics, Zoology, Bio-technology	Computer Science, Physics, Chemistry, Mathematics, Zoology, Bio-technology

Discipline	UG	PG	M.Phil	Ph.D
Commerce	Commerce, Commerce (Computer Applications)	Commerce	Commerce	Commerce
Management	Business Administration			
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"><li>• Computer Applications</li><li>• Instrumentation</li><li>• Electrical and Electronics Equipment Maintenance</li></ul>		<ul style="list-style-type: none"><li>• Biofertilizers and Vermiculture</li><li>• Herbal Plant Nursery</li></ul>		
Value Added Programmes				
<ul style="list-style-type: none"><li>• Seminars</li><li>• Career Guidance</li><li>• Industrial visits / field trips</li><li>• Coaching Classes for Entry into various services</li></ul>		<ul style="list-style-type: none"><li>• Guest lectures</li><li>• Remedial Courses</li><li>• Spoken English</li><li>• Social Welfare Programmes</li></ul>		

**List of Interdepartmental Collaborative programmes for UG/PG**

<b>UG – COLLABORATIVE PROGRAMMES</b>			
Sl. 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
<b>PG – COLLABORATIVE PROGRAMMES</b>			
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

***Inter institutional collaborative programme***

- M.B.A Concurrent degree Programme is offered in association with Bharathidasan University, Tiruchirappalli.

1.2 (i) Flexibility of the Curriculum: CBCS/Core/

Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	39

1.3 Feedback from stakeholders\*

*(On all aspects)*

Mode of feedback :

Alumni	<input checked="" type="checkbox"/>	parents	<input checked="" type="checkbox"/>	Employers	<input checked="" type="checkbox"/>	Students	<input checked="" type="checkbox"/>
Online	<input type="checkbox"/>	Manual	<input checked="" type="checkbox"/>	Co-operating schools (for PEI)	<input type="checkbox"/>		

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

Major revision has been taken place during 2014- 2015

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

Yes, B.Sc. Botany

**Criterion – II**

**2. Teaching, Learning and Evaluation**

**2.1 Total No. of permanent faculty**

Total	Asst. Professors	Associate Professors	Asst. Professors	Associate Professors
Aided			Self – financing stream	
159 (1)	23	24 (1)	110	----
With Principal	47		110	
Vacant	05		Nil	

**2.2 No. of permanent faculty with Ph.D.**

41

**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
8	5	-	-	-	-	-	-	-	-

**2.4 No. of Guest and Visiting faculty and Temporary faculty**

15

Nil

01

S.No	Date	Name	Designation	Title
1.	09.10.2014	Prof. T. J. Pandiyan	National Professor ICAR MKU, Madurai.	About Modern Trends in Biological Science
2.	09.10.2014	Dr. K. Velu Thambi	Professor [Retired] UGC- BSR MKU, Madurai.	Trans Genic Stacking and Selectable Marker Elimination
3.	10.10.2014	Prof. G. Marimuthu	Professor & Head Department of Animal Behaviour , MKU, Madurai.	Biology and Behaviour of Bats
4.	10.10.2014	Dr. K. Nadaraja Srinivasan	Professor & Head Department of Micro Biology BDU, Trichy	Recent Advances in Lepto spiral Research
5.	10.10.2014	Dr. N. Tajudeen	Professor, Department of Micro Biology, BDU, Trichy	Bio Technology
6.	11.10.2014	Prof. N. Krishnan	Professor & Head Department of Bio Techanology BDU, Trichy	Proteomic Data Recourses in Insect Pest- a Tool for Pest Management
7.	30.09. 2014	Dr. A. Ram Ganesh	Register in charge BDU, Trichy	Interactive Programming Using Python

8.	22.1.2015	Dr. V. Thiagarajan	Associate Professor, Department of Biological Science, Hong Kong University.	Exploring Scientific Research Opportunity in India & Abroad
9.	22.01. 2015	Dr. P. Sriyutha Murthi	Scientific Officer, Indira Gandhi Centre for Atomic Research, Kalpakkam..	Exploring Scientific Research Opportunity in India & Abroad
10.	24. 01.2015	Dr. Are Holen	Founder, Acem International School of Meditation, Norway.	Stress and De- stress
11.	2.03.2015	Dr. A. Nihamathullah	Head Department of English, Sadakathullah Appa College, Tirunelveli.	Language Skills for Enhancing the Employability Traits
12.	06.03.2015	Mr. Praveen George	Lead- ops at first advantage, Bangalore	Think Quest
13.	16.03.2015	Mr. M. Muthu Sami	Advocate	About to consumer Production
14.	31. 01. 2015	Mr. Andy Giri	Managing Director, Soft square Solutions Pvt. Ltd	Building Cloud Applications
15.	02.03. 2015 03.03.2015	Dr. Karan Kaul	Emeritus professor, University of Kentucky, USA.	DNA & Fundamentals of Biology
16.	26.11.2014	Mr.Sergey Koltov	Consul General, Russian Federation	Russia Today
17.	29.12.2014	Mr.Kumaraguru	Vice chairman, Institute of Chartered Accountant of India.	Optimim is the faith that leads to Acheivment
18.	29.12.2014	Dr.N.Chandrasekaran	NMIMS, Bangalore	Special lecture on Ramanujam
19.	16.09.2014	Mrs.Durga Manikandan	Proprietor Maalyaa designer Jewellery	How to Begin and face the problems on Business
20.	14.08.2014	Dr.M.S. Vijayaragavan	President, We serve Foundation, USA	Empowering Billions

#### 5. Faculty participation in conferences and symposia:

Department	National Level		International Level	
	Participation	Paper Presentation	Participation	Paper Presentation
Tamil	20	--	13	03
English	13	--	--	--
Physics	10	03	--	--
Chemistry	18	--	--	--
Comp. Science	10	--	--	--
Mathematics	01	--	--	--
Commerce	--	--	--	--
Zoology	12	07	--	04
Economics	03	04	--	--
<b>Resource Persons</b>	<b>25</b> in Various colleges and Universities.			

**Details of participation in conference / Seminar / Workshop:**

S. No.	Participated staff	Title of the event	National/ International
<b>Dept Of Chemistry</b>			
1.	Dr.A.Sekar	One day FDP on 'Impact of Research on Teaching in Higher Education' on 11.06.2014	National
2.	Dr.A.Sekar	One day workshop on 'Micro techniques in Practical Chemistry on 11.12.2014	National
3.	Dr. D. Viji Saral Elezabeth	One day FDP on 'Impact of Research on Teaching in Higher Education' on 11.06.2014	National
4.	Dr. M. Umadevi	One day FDP on 'Impact of Research on Teaching in Higher Education' on 11.06.2014	National
5.	Dr. M. Umadevi	Two days National conference on Green and Sustainable nanomaterials on March 30, 31 2015	National
6.	Ms. R. Shanmugapriya	One day FDP on 'Impact of Research on Teaching in Higher Education' on 11.06.2014	National
7.	Mr. P. John raj	One day FDP on 'Impact of Research on Teaching in Higher Education' on 11.06.2014	National
8.	Mrs. A. Kasthuri	One day FDP on 'Impact of Research on Teaching in Higher Education' on 11.06.2014	National
9.	Mr. S. Arumugam	One day FDP on 'Impact of Research on Teaching in Higher Education' on 11.06.2014	National
10.	Dr. M. Ramesh	One day FDP on 'Impact of Research on Teaching in Higher Education' on 11.06.2014	National
11.	Dr. M. Ramesh	Two day Workshop on Need Based Value added Research Proposal Writing on 25, 26 September 2014	National
12.	Dr. M. Ramesh	One day Workshop on Language Skills for Enhancing Employability Traits on 02.03.2015	National
13.	Dr. M. Ramesh	One day Special lecture on Introduction to Bio-informatics on 16.03.2015	National
14.	Dr.M. Ramesh	UGC Academic College Sponsored Orientation course, from (28 days) 6.11.2014 to 03.12.2014	National
15.	Ms. P. Gowthami	One day FDP on 'Impact of Research on Teaching in Higher Education' on 11.06.2014	National
16.	Ms. Shanthi	One day FDP on 'Impact of Research on Teaching in Higher Education' on 11.06.2014	National
<b>Dept. of Economics</b>			
1.	Dr. R.Manimekalai	Impact of Research on Teaching in Higher Education	National
2.	Dr.T.Porselvi	Impact of Research on Teaching in Higher Education	National
3.	Dr.K.Karunaharan	Impact of Research on Teaching in Higher Education	National

Dept. of Physics			
1.	S. Kumara Raman	Faculty Development Programme, Sustenance/Enhancement of Quality in Higher Education on 05.08.2015	National
2.	S. Kumara Raman	Recent Trends in Ultrasonic Applications on 31.07.2015	National
3.	K. Nagarajan	Faculty Development Programme, Sustenance/Enhancement of Quality in Higher Education on 05.08.2015	National
4.	K.Gnanasekaran	Faculty Development Programme, Sustenance/Enhancement of Quality in Higher Education on 05.08.2015	National
5.	A. Venkatesan	Faculty Development Programme, Sustenance/Enhancement of Quality in Higher Education on 05.08.2015	National
6.	A.Rajendran	Faculty training programme on Real Time Embedded Systems 11, 12 July 2014	National
7.	A. Rajendran	Faculty Development Programme, Sustenance/Enhancement of Quality in Higher Education on 05.08.2015	National
8.	P. Palaniyandi	Faculty Development Programme, Sustenance/Enhancement of Quality in Higher Education on 05.08.2015	National
9.	P.R.Venkatesan	Faculty Development Programme, Sustenance/Enhancement of Quality in Higher Education on 05.08.2015	National
10.	R.Sangeetha	Faculty Development Programme, Sustenance/Enhancement of Quality in Higher Education on 05.08.2015	National
11.	V. Pandiyan	Faculty Development Programme, Sustenance/Enhancement of Quality in Higher Education on 05.08.2015	National
12.	Dr.K.Srinivasan	UGC Academic College Sponsored Orientation course, from (28 days) 6.11.2014 to 03.12.2014	National
Dept. of Zoology			
1.	Dr. K. Saravanan	International conference on Climate change and the Developing World from 21/01/15 to 25/01/15	International
2.	Dr. N. Ramesh	Two days National workshop on “Statistical Packages and their applications in Life Sciences” (TNSCST sponsored) on 7 <sup>th</sup> and 8 <sup>th</sup> August 2014	National
3.	Dr.K.Saravanan	Refresher course on “Recent Trends in Life Science Research” from 23.12.2014 to 12.01.2015	National
4.	Dr.V. Ramesh	UGC Academic College Sponsored Orientation course, from (28 days) 6.11.2014 to 03.12.2014	National
5.	Dr.V. Ramesh	Constitutional values, Social Justice and Responsible citizenship from 15.04.2015 to 16.04.2015	National
6.	Dr.V. Ramesh	NSS programme officer attended Orientation programme from 23.02.2015 to 30.02.2015	National
7.	Prof. M.P. Santhi	Participated one day faculty development programme on Impact of Research on Teaching in Higher Education from 11 <sup>th</sup> June 2014.	National
8.	Dr.P.Neelanarayanan	Participated one day faculty development programme on Impact of Research on Teaching in Higher Education from 11 <sup>th</sup> June 2014.	National
9.	Dr. K. Saravanan	Participated one day faculty development programme on Impact of Research on Teaching in Higher Education from 11 <sup>th</sup> June 2014.	National
10.	Dr.V.Ramesh	Participated one day faculty development programme on Impact of Research on Teaching in Higher Education from 11 <sup>th</sup> June 2014.	National
11.	Dr.N.Ramesh	Participated one day faculty development programme on Impact of Research on Teaching in Higher Education from 11 <sup>th</sup> June 2014.	National
12.	Dr.A.Boopathiraja	Participated one day faculty development programme on Impact of	National



		Research on Teaching in Higher Education from 11 <sup>th</sup> June 2014.	
13.	Ms.R.Thangamani	Participated one day faculty development programme on Impact of Research on Teaching in Higher Education from 11 <sup>th</sup> June 2014.	National
14.	Dr.R.Sudha	Participated one day faculty development programme on Impact of Research on Teaching in Higher Education from 11 <sup>th</sup> June 2014.	National
15.	Dr.C.Renuga	Participated one day faculty development programme on Impact of Research on Teaching in Higher Education from 11 <sup>th</sup> June 2014.	National
16.	Prof. M.P. Santhi	Two days ICMR Sponsored Lecture workshop on “Need Based Value Added Research Proposal Writing” on 25 <sup>th</sup> and 26 <sup>th</sup> <b>September 2014</b>	National
17.	Dr.P.Neelamarayanan	Two days ICMR Sponsored Lecture workshop on “Need Based Value Added Research Proposal Writing” on 25 <sup>th</sup> and 26 <sup>th</sup> <b>September 2014</b>	National
18.	Dr. K. Saravanan	Two days ICMR Sponsored Lecture workshop on “Need Based Value Added Research Proposal Writing” on 25 <sup>th</sup> and 26 <sup>th</sup> <b>September 2014</b>	National
19.	Dr.V.Ramesh	Two days ICMR Sponsored Lecture workshop on “Need Based Value Added Research Proposal Writing” on 25 <sup>th</sup> and 26 <sup>th</sup> <b>September 2014</b>	National
20.	Dr.N.Ramesh	Two days ICMR Sponsored Lecture workshop on “Need Based Value Added Research Proposal Writing” on 25 <sup>th</sup> and 26 <sup>th</sup> <b>September 2014</b>	National
21.	Dr.A.Boopathiraja	Two days ICMR Sponsored Lecture workshop on “Need Based Value Added Research Proposal Writing” on 25 <sup>th</sup> and 26 <sup>th</sup> <b>September 2014</b>	National
22.	Ms.R.Thangamani	Two days ICMR Sponsored Lecture workshop on “Need Based Value Added Research Proposal Writing” on 25 <sup>th</sup> and 26 <sup>th</sup> <b>September 2014</b>	National
23.	Dr.R.Sudha	Two days ICMR Sponsored Lecture workshop on “Need Based Value Added Research Proposal Writing” on 25 <sup>th</sup> and 26 <sup>th</sup> <b>September 2014</b>	National
24.	Dr.C.Renuga	Two days ICMR Sponsored Lecture workshop on “Need Based Value Added Research Proposal Writing” on 25 <sup>th</sup> and 26 <sup>th</sup> <b>September 2014</b>	National
25.	Prof. M.P. Santhi	Science Academie’s Lecture Workshop on ‘Modern Trends in Biological Sciences’ on 9 <sup>th</sup> and 11 <sup>th</sup> <b>October 2014</b>	National
26.	Dr.P.Neelamarayanan	Science Academie’s Lecture Workshop on ‘Modern Trends in Biological Sciences’ on 9 <sup>th</sup> and 11 <sup>th</sup> <b>October 2014</b>	National
27.	Dr. K. Saravanan	Science Academie’s Lecture Workshop on ‘Modern Trends in Biological Sciences’ on 9 <sup>th</sup> and 11 <sup>th</sup> <b>October 2014</b>	National

28.	Dr.V.Ramesh	Science Academie's Lecture Workshop on 'Modern Trends in Biological Sciences' on 9 <sup>th</sup> and 11 <sup>th</sup> <b>October 2014</b>	National
29.	Dr.N.Ramesh	Science Academie's Lecture Workshop on 'Modern Trends in Biological Sciences' on 9 <sup>th</sup> and 11 <sup>th</sup> <b>October 2014</b>	National
30.	Dr.A.Boopathiraja	Science Academie's Lecture Workshop on 'Modern Trends in Biological Sciences' on 9 <sup>th</sup> and 11 <sup>th</sup> <b>October 2014</b>	National
31.	Ms.R.Thangamani	Science Academie's Lecture Workshop on 'Modern Trends in Biological Sciences' on 9 <sup>th</sup> and 11 <sup>th</sup> <b>October 2014</b>	National
32.	Dr.R.Sudha	Science Academie's Lecture Workshop on 'Modern Trends in Biological Sciences' on 9 <sup>th</sup> and 11 <sup>th</sup> <b>October 2014</b>	National
33.	Dr.C.Renuga	Science Academie's Lecture Workshop on 'Modern Trends in Biological Sciences' on 9 <sup>th</sup> and 11 <sup>th</sup> <b>October 2014</b>	National
<b>Dept. of Tamil</b>			
1.	Kidth;. Nrhk ,uhNre;jpud;	rq;f ngz;ghw; Gyth; ghly;fspy; jiykfs; \$w;W 28 rdthp 2015	Njrpak;
2.	Kidth;.fp.fPjh	gz;ghl;L Clhl;l;jpy; r%f mikjp 10 brk;gh; 2014	Njrpak;
3.	Kidth;.fp.fPjh	ghujpahu;; gilg;Gf;fspy; rq;f ,yf;fpaj; jhf;fk; 18 Nk 2015	Njrpak;
4.	Kidth;.fp.fPjh	,jopay; Jiwapy; mwptpay; jkpo; 25 Nk 2015	Njrpak;
5.	Kidth;.fp.fPjh	goq;fhyj; jkpoh;fspd; mwptpay; kUj;Jtk; 15 Nk 2015	rh;tNjrpak;
6.	Kidth;.fp.fPjh	,iza topj; jkpo;f;fy;tp 30 Nk 2015	rh;tNjrpak;
7.	முனைவர். வா.ரா. விஜயலெட்சுமி	rq;f ,yf;fpag;fs; czh;j;Jk; el;G 14 gpg;uthp 2015	rh;tNjrpak;
8.	முனைவர். வா.ரா. விஜயலெட்சுமி	fypj;njhif fhl;Lk; gz;ghl;Lf;\$Wfs;. 5 khu;r; 2015	Njrpak;
9.	முனைவர். வா.ரா. விஜயலெட்சுமி	rq;f ,yf;fpak; czh;j;Jk; gz;ghl;bay; 15 Nk 2015	rh;tNjrpak;
10.	Mr. R. Varadha Rajan	Participated one day faculty development programme on Impact of Research on Teaching in Higher Education on 11 – June - 2014.	National
11.	Dr. P.. Vanitha Rani	Participated one day faculty development programme on Impact of Research on Teaching in Higher Education on 11 – June - 2014.	National
12.	Mrs. D. Maheswari	Participated one day faculty development programme on Impact of Research on Teaching in Higher Education on 11 – June - 2014.	National
13.	Mr. N.R. Sakthivel	Participated one day faculty development programme on Impact of Research on Teaching in Higher Education on 11 – June - 2014.	National
14.	Miss.P.Vanitha	Participated one day faculty development programme on Impact of Research on Teaching in Higher Education on 11 – June - 2014.	National

15.	Miss.Arokiya Eflin Latha	Participated one day faculty development programme on Impact of Research on Teaching in Higher Education on 11 – June - 2014.	National
16.	Mr.B.Chozhan	Participated one day faculty development programme on Impact of Research on Teaching in Higher Education on 11 – June - 2014.	National
17.	Mr.A.Velanganni	Participated one day faculty development programme on Impact of Research on Teaching in Higher Education on 11 – June - 2014.	National
18.	Ms.R.Malarvizhi	Participated one day faculty development programme on Impact of Research on Teaching in Higher Education on 11 – June - 2014.	National
19.	Ms.M.Vijayalakshmi	Participated one day faculty development programme on Impact of Research on Teaching in Higher Education on 11 – June - 2014.	National
20.	Dr.V.R.Vijayalakshmi	UGC Academic College Sponsored Orientation course, from (28 days) 6.11.2014 to 03.12.2014	National
<b>Dept. of Computer Science</b>			
1.	Ms.P.Kalpana	“How to do Research in Computer Science” at Vidyaa Vikas College of Engineering and Technology, on 13.12.2014.	National
2.	Mrs.P.Isabella	“How to do Research in Computer Science” at Vidyaa Vikas College of Engineering and Technology	National
3.	Ms.S.Devika	“How to do Research in Computer Science” at Vidyaa Vikas College of Engineering and Technology	National
4.	Mr.R.Mahendran	“How to do Research in Computer Science” at Vidyaa Vikas College of Engineering and Technology	National
5.	Ms.S.Mahalakshmi	“How to do Research in Computer Science” at Vidyaa Vikas College of Engineering and Technology	National
6.	Mr.C.Yogaraj	“How to do Research in Computer Science” at Vidyaa Vikas College of Engineering and Technology	National
7.	Mr.P.Velmurugan	“How to do Research in Computer Science” at Vidyaa Vikas College of Engineering and Technology	National
8.	Ms.P.Kalpana	“Free software Training to UG and PG Students through Distance Learning Program by spoken tutorial(ICT) based software training” on 30.01.2015	National
9.	Ms.S.Devika	“Free software Training to UG and PG Students through Distance Learning Program by spoken tutorial(ICT) based software training” on 30.01.2015	National
10.	Mrs.K.Saraswathi	“Free software Training to UG and PG Students through Distance Learning Program by spoken tutorial(ICT) based software training” on 30.01.2015	National
11.	Mrs.R.Akila	“Recent Trends in Human-Computer Interaction” on 28.02.2015	National
12.	Mr.M.Muralidharan	Two days workshop on Best Practices for effective usage of Online E resources for promoting research and development on 26, 27	National

		september 2014	
13.	Mrs.J.Saigeetha	International Conference on Mathematical Methods and Computation (ICOMAC 2015) on 22 and 23 January 2015	International
14.	Mrs.J.Saigeetha	IEEE International conference on Computing and Communication Technologies (ICCCT'15) ON 26, 27 February 2015	International
15.	Ms.G.Subhashini	"A Novel feature selection Algorithm using Naïve Bayes and Logistic Regression" on 19 and 20 March 2015	National
16.	Mrs.R.Saraswathi	"A survey on data mining trends, applications and Techniques" on 13 <sup>th</sup> and 14 <sup>th</sup> February 2015.	International
<b>Dept. of English</b>			
1.	Dr.K.T.Tamilmani	Participated in the FDP on "Impact of Research on Teaching in Higher Education" conducted by Nehru Memorial College on 11 <sup>th</sup> June, 2014	National
2.	Dr.S.R.Komahan Kavirinadan	Participated in the FDP on "Impact of Research on Teaching in Higher Education" conducted by Nehru Memorial College on 11 <sup>th</sup> June, 2014	National
3.	Ms.R.Lakshmi	Participated in the FDP on "Impact of Research on Teaching in Higher Education" conducted by Nehru Memorial College on 11 <sup>th</sup> June, 2014	National
4.	Ms.R.Lakshmi	Attended the National Seminar organized by PSGR Krishnammal College. Coimbatore on 20th February, 2015	National
5.	Ms.R.Lakshmi	Participated in the State Level Workshop on "Language Skills for Enhancing Employability Traits" conducted by Nehru Memorial College on 2 <sup>nd</sup> March, 2015	National
6.	Ms.S.P.Visalakshi	Participated in the FDP on "Impact of Research on Teaching in Higher Education" conducted by Nehru Memorial College on 11 <sup>th</sup> June, 2014	National
7.	Ms.S.P.Visalakshi	Participated and presented a paper in the National seminar organized by the Periyar E.V.R. College, Trichy on "Tapestries of Expatriate Writings" on 21 & 22 August 2014.	National
8.	Ms.S.P.Visalakshi	Participated in the ICMR sponsored Lecture Workshop on "Need Based Value Added Research Proposal Writing" organized by Nehru Memorial College on 25 <sup>th</sup> and 26 <sup>th</sup> September 2014	National
9.	Ms.S.P.Visalakshi	Participated and presented a paper in the National Seminar organized by PSGR Krishnammal College. Coimbatore on "Myth in Literature" on 20th February 2015	National
10.	Ms.S.P.Visalakshi	Participated in the State Level Workshop on "Language Skills for Enhancing Employability Traits" conducted by Nehru Memorial	National

		College on 2 <sup>nd</sup> March, 2015	
11.	Ms.S.Visalakshi	UGC Academic College Sponsored Orientation course, from (28 days) 6.11.2014 to 03.12.2014	National
<b>Dept. of Embedded System</b>			
1.	Dr. A. Rajendran	Real time Embedded Systems on 11 and 12 July 2014 at Govt. college of Engineering Thirunelveli.	National
2.	Mr. K. Mathan kumar	Real time Embedded Systems on 11 and 12 July 2014 at Govt. college of Engineering Thirunelveli.	National
<b>Dept. of Mathematics</b>			
1.	Dr.V.Mohanaselvi	UGC Academic College Sponsored Orientation course, from (28 days) 6.11.2014 to 03.12.2014	National
2.	Dr.V.Mohanaselvi	Two days ICMR Sponsored Lecture workshop on “Need Based Value Added Research Proposal Writing” on 25 <sup>th</sup> and 26 <sup>th</sup> <b>September 2014</b>	National
3.	Dr.V.Mohanaselvi	ABEL Interdisciplinary Research Cell, PG & Research Department of Mathematics, Nehru Memorial College (Autonomous) on 29 <sup>th</sup> October 2014 under the aegis of UGC Autonomous Grant.	National
<b>Dept. of Commerce</b>			
1.	Dr.M.Mary Anbumathy	Workshop on Statistics for Research and Data Analysis Using SPSS Package” Primax Research Centre on 21.02.2015.	National
2.	Dr.T.Gayathri	Two days ICMR Sponsored Lecture workshop on “Need Based Value Added Research Proposal Writing” on 25 <sup>th</sup> and 26 <sup>th</sup> <b>September 2014</b>	National
3.	Dr.T.Gayathri	Workshop on Statistics for Research and Data Analysis Using SPSS Package” Primax Research Centre on 21.02.2015.	National
4.	Dr.T.Gayathri	NIVH & CDAP Bharathidasan University, Kajamala campus organised workshop on “ Right to Education with special reference to education of persons in Disabilities” on 10.03.2015.	National
5.	Dr.T.Gayathri	Bharathidasan University, organised workshop on Application of statistical tools in research Methodology” on 18.04.2015.	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	Dept
1.	Ms.R.Lakshmi	“Myth in Shashi Tharoor’s <i>The Great Indian Novel</i> ” got published in the Proceedings of ---	the National Seminar organized by PSGR	Krishnammal College. Coimbatore	20th 2015 February	English
2.	Ms.S.P.Visalakshi	“Struggle to acculturate in Jhumpa Lahiri’s <i>The Namesake</i> ”	of the National seminar on “Tapestries of Expatriate Writings”	Periyar E.V.R. College, Trichy.	21 <sup>st</sup> August 2014	

3.	Ms.S.P.Visalakshi	Myth in Girish Karnad's <i>Yayathi</i>	National Seminar organized by PSGR Krishnammal College.	Coimbatore	20th 2015 February	
4.	S. Kumara Raman	Synthesis, Growth and Characterization Studies on Nonlinear Optical Crystal. Trisglycine Zinc Iodide	UGC Sponsored by National Conference on Optics, Photonics and lasers	Arul Anandar College	july 2014	Physics
5.	S. Kumara Raman	High Pressure Effect of Superconductivity on Iron Pnictides Compounds	National Seminar on recent Trends in Crystal Growth & Nano Materials	National College, Trichy	Aug 2014	
6.	A.Rajendran	Green synthesis of Copper Oxide Nanoparticles using <i>Cassia Auriculata</i> flower extract	National Conference on Advances in Applied Chemical Sciences and Materials Technology, Bharathidasan Institute of Technology	Anna University, Tiruchirappalli	Oct 2014	
7.	Prof. M.P. Santhi	Evaluation and impact of pesticides used in different crops in Thandalai Puthur area, Trichy District, Tamilnadu, South India.	"Seminar on Biodiversity and Conservation: Present Status and Future Perspectives"	Department of Zoology, St. Xavier's College, (Autonomous), Palayamkottai-627 002, Tamil Nadu, India	12-13th February – 2015	Zoology
9.	Dr. R.Manimekalai,	Rural Marketing in India: Opportunities, Challenges and Strategies	Ururu Dhanalakshmi College, Trichy.	Trichy	26 -9-2014 & 27 -9-2014	Economics
10	Dr. R.Manimekalai	Gender Equality and Women Empowerment	Jamal Mohamed College, Trichy.	Trichy	10 -2-2015	
11.	Dr. R.Manimekalai	Role of Commercial Banks in Indian Economic Development	PG & Research Department of Economics, Government Arts College, Salem.	Salem	20-02-2015	
12.	Dr.K.Karunaharan & Mrs .S.Suguna	Rural Marketing in India: Opportunities and Challenges	Ururu Dhanalakshmi College, Trichy.	Trichy	26 -9-2014 & 27 -9-2014	
13.	Dr. N. Ramesh	Evaluation and impact of pesticides used in different crops in Thandalai Puthur area, Trichy District, Tamilnadu, South India.	"Seminar on Biodiversity and Conservation: Present Status and Future Perspectives"	Department of Zoology, St. Xavier's College, (Autonomous), Palayamkottai-627 002, Tamil Nadu, Indi.	12-13th February, 2015	

14.	Dr. N. Ramesh	Conversion of husk leaf wastes ( <i>Zea maise</i> ) and straw of paddy ( <i>Oryza sativa</i> ) into vermicompost by utilizing <i>Eudrilus eugeniae</i> (Kingberg, 1867) Earthworm.	“Seminar on Biodiversity and Conservation: Present Status and Future Perspectives”	Holy Cross College, Trichy.	12-13th February, <b>2015</b>	Zoology
15.	Dr. N. Ramesh	Population and current status of Indian peafowl ( <i>Pavo cristatus</i> Linnaeus, 1758) in Musiri area, Trichy District, Tamil Nadu, Southern India	“Seminar on Biodiversity and Conservation: Present Status and Future Perspectives”	Department of Zoology, St. Xavier’s College, (Autonomous), Palayamkottai-627 002, Tamil Nadu, India	12-13th February – <b>2015</b>	
16.	Dr. N. Ramesh	Population and current status of Indian peafowl ( <i>pavo cristatus</i> Linnaeus, 1758) in musiri area, trichy dt.	“Seminar on Biodiversity and Conservation: Present Status and Future Perspectives”	Department of Zoology, St. Xavier’s College, (Autonomous), Palayamkottai .	12-13th February, 2015	
17.	Dr.M. Ramesh	Copper(II) Complexes of 2-(Piperidin-4-ylmethyl)isoindoline-1,3-dione: Synthesis, Characterization and Biological Studies,	Recent Developments in Synthetic & Materials Chemistry	pp 12-15, 16 <sup>th</sup> & 17 <sup>th</sup> January 2015	Ratnam College of Arts, Science & Commerce, Mumbai-78	Chemistry
18.	Dr.S.Rajendran	Traditional knowledge system at Centuriyan University on 19 to 21.12.2014.	Traditional Knowledge System.	19.12.2014 to 21.12.2014	Centuriyan University, Odisha.	Tamil
19.	Dr,T.Gayathri	Challenges faced by HR Managers as a result of Globalisation.	National seminar	Srimad Andavar Arts & Science college – Trichy.	12.10.2014	Commerce
20.	Dr,T.Gayathri	Role of information technology in retailing industry	UGC Sponsored National seminar	Urumu Dhanalakshmi college – Trichy.	19.10.2014 & 20.10.2014	
21.	Dr,T.Gayathri	Insurance Industry : Issues trends and challenges.	UGC Sponsored National seminar	Bharathiyar Arts & Science college – Salem.	27.10.2014	
22.	Dr,T.Gayathri	Micro finance as a Development & Poverty reduction Policy	International Conference	Sri Ganesh college of Arts & Science – Salem.	13.02.2015	
23.	Dr,T.Gayathri	Investor’s Protection in Stock Market.	UGC Sponsored National Conference	Govt, college for women – Kumbakonam.	06.03.2015 & 07.03.2015	
24.	Dr.M.Mary Anbumathy	Problems & Prospects of retail industry in india.	UGC Sponsored National seminar	Urumu Dhanalakshmi college – Trichy.	20.10.2014	
25.	Dr.M.Mary Anbumathy	Green Marketing	UGC Sponsored Inter National seminar	St’ Joseph college – Trichy.	13.02.2015	



26	Dr.M.Mary Anbumathy	Contemporary issues & M-Commerce in recent scenario	International Conference	Sowndeswari College - Salem	20.02.2015	
27.	Dr.M.Mary Anbumathy	Investor's Protection in Stock Market.	UGC Sponsored National Conference	Govt, college for women – Kumbakonam.	06.03.2015 & 07.03.2015	

**International Level:**

S.No	Name of the Staff	Title of paper	Name of the Conference	Place	Period	Dept
1.	Dr. A. Boopathy raja	Diabetic complications and microRNA expression	International Conference on herbal medicine and neuro endocrinology (InChMan-2014)	Zoology, St. Xavier's College, (Autonomous), Palayamkottai-627 002,	13 <sup>th</sup> October, 2014	Zoology
2	Dr.K.Saravanan	Studies on the effect of house dung in the wastewater treatment.	International Conference on Climate Change & the Developing World	CMS College, Kottayam, Kerala.	21 – 25 January 2015	
3.	Dr.K.Saravanan	GC-MS analysis of some bioactive constituents from <i>Cyathea nilgiriensis</i>	International Conference on "Physiology and Medicine"	Dept. of Zoology, Periyar University	15 <sup>th</sup> to 17 <sup>th</sup> October 2014	
4	Dr.K.Saravanan	Antiulcer activity of fresh juice and ethanol extract of <i>Raphanus sativus</i> and <i>Daucus carota</i> on aspirin induced ulcer rat models.	International Conference on "Physiology and Medicine"	Dept. of Zoology, Periyar University	15 <sup>th</sup> to 17 <sup>th</sup> October 2014	
5	Dr.R.Malarvizhi	Singapore Kavidhayin Kaadhal	The poet Vaanidhasan 100 <sup>th</sup> Year of Celebration	Tamil Ayyal Kalagam, Thiruvayaru	19-07-14	Tamil
6	Prof. P.Vanitha	Kannadhasanin Wuraïnadaï Noolgalum Kavidhaigalin Selvakkum	The poet Vaanidhasan 100 <sup>th</sup> Year of Celebration	Tamil Ayyal Kalagam, Thiruvayaru	19-07-14	
7	Dr.C.Prabhakaran	Pookuli Navalil Samudhaya Karuthukkal	The Novelist, Jayakandhan Memorial Celebration	Tamil Ayyal Kalagam, Thiruvayaru	19-07-15	
	Dr. M. Ramesh	Synthesis, Characterization and Biological Studies on Manganese(II), Cobalt(II) and Nickel(II) Complexes of N-(Morpholinomethyl)succinimide, TEQP II sponsored two days	"Chemistry and Materials" (ICCM),	pp26-30, 14 <sup>th</sup> & 15 <sup>th</sup> November 2014	Bharathidasan Institute of Technology (BIT) Campus Anna University Tiruchirappalli-620024,	Chemistry



**2.6 Innovative Process 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**

180

**2.8 Examination/ Evaluation Reforms initiated by the Institution**

Double valuation, Photocopy, Online Multiple Choice Questions

**2.9 No. of faculty members involved in curriculum restructuring/ revision/ syllabus development as member of Board of Study /Faculty /Curriculum Development workshop**

70

**2.10 Average percentage of attendance of students**

81.77

**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	179	10	133	79.86	109	
B.C.A	49	2	41	83.67	27	
B.Sc Mathematics	167	16	135	86.18	94	
B.Sc Physics	93	4	50	55.63	43	
B.Sc Chemistry	37	6	27	72.97	19	
B.Sc Zoology	44	5	38	86.36	26	
B.Com	88	1	72	80.5	51	
B.B.A	38	2	25	65.79	15	
B.A Economics	20	--	18	90	8	
B.A English Literature	112	--	106	94.64	12	
B.A Tamil literature	11	1	09	81.82	6	
B.Com CA	46	1	30	65.22	23	
B.Sc HMCS	8	2	5	62.50	3	

PG Programme						
Title of the Programme	Total no. of students appeared	Division				
		Distinction	PASS	PASS %	I CLASS	
M.C.A	33	2	30	90.90	28	
M.C.A(L)	21	2	20	95.24	18	
M.Sc Computer Science	32	5	30	93.75	25	
M.Sc Info. Technology	--	--	--	--	--	
M.Sc Mathematics	49	42	48	97.96	6	
M.Sc Physics	31	6	30	96.87	24	
M.Sc Chemistry	20	14	18	90	4	
M.Sc Zoology	6	3	4	66.67	1	
M.Sc Bio-Technology	--	--	--	--	--	
M.Com	11	1	9	81.81	8	

## 2.12 How does IQAC contribute/Monitor/Evaluate the Teaching and 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

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	01
UGC – Faculty Improvement Programme	152
HRD programmes	Nil
Orientation programmes	08
Faculty exchange programme	Nil
Staff training conducted by the university	Nil
Staff training conducted by other institutions	Nil
Summer / Winter schools, Workshops, etc.	20
Others	Nil

## 2.14 Details of Administrative and Technical staff

Category	Aided	Self supporting
Administrative Staff	23	21
Technical Staff	12	29
Vacant	16	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				-	6	2	-
Outlay in				-	Rs. 97,59,600	47,95,000	-
S.No	Name of the Staff	Amount	Title of the Project	Duration of the project	Funding agency	Status of project ongoing/ Completed	Dept
1	Dr.P.Neelam narayanan	23.30Lakhs	All India Network Project on Vertabrates Pest Management. Specialisation of Agricultural Ornithology.	5 years	ICAR, New Delhi.	Sanctioned	Zoology

2	Dr.K.Srinivasan	24.65 Lakhs	Design and study of regular and delayed chaotic circuits for emergent nonlinear phenomena	3years	SERB DST	Sanctioned	Physics
3	S.Kumararaman	11.78 Lakhs	Kinetics Nucleation and Growth of amino acid based Bimetallic NLO crystals	3years	UGC	Ongoing	Physics
3	Dr.M.Umadevi	6.00 Lakhs	Studies on the degradation of Industrial Effluent Using Nanosize Metal oxide as photocatalyses –A green chemistry approach	1 year	DST	Ongoing	Chemistry
4	Dr. C.Sasikumar	10.29,800 Lakhs	Biodegradation of polycyclic aromatic hydrocarbons (PHAs) by mixed cultures of wild basidiomycetes fungi and bacterial isolates from petroleum contaminated soil: an in vitro and in silico comparative approach.	2years	UGC	Ongoing	Bio-Tech
5	Dr. M. Meenakshi Sundaram	21.10 Lakhs	Biodegradation of polycyclic aromatic hydrocarbons (PAHs) by mixed cultures of wild basidiomycetes fungi and bacterial isolates from petroleum contaminated soil: an in vitro and in silico comparative approach.	2 years	SERB	Ongoing	Bio-Tech
6	Dr. K. Saravanan	8.958 lakhs	UGC Major Research Project on “Isolation, characterization evaluation of antidiabetic effect of traditionally used herbal plants on STZ induced diabetic rats”.	3 years	UGC, New Delhi.	Ongoing	Zoology
7	Dr. A. Boopathi Raja	21.46 lakhs	DST-Fast Track Young Scientist Award . “Evaluation of antidiabetic effect of <i>Bougainvillea glabra</i> flower extract and Mg doped ZnS nano particle in different cell lines”.	3 years	Science & Engineering Research Board, DST, New Delhi.	Ongoing	Zoology
8	Dr. C. Renuka	18.00 lakhs	DST-Fast Track Young Scientist Award – “Isolation, characterization and antidiabetic evaluation of flavonoid compound of <i>Biophytum sensitivum</i> in pancreatic cell line”	2 years	Science & Engineering Research Board, DST, New Delhi.	Ongoing	Zoology

### 3.3 Details regarding minor projects:

			Completed	Ongoing	Sanctioned	Submitted	
Number			-	2	3	15	
Outlay in Rs. Lakhs			-	4,75,000	4,80,000	-	
S. No	Name of the Staff	Amount	Title of the Project	Duration of the project	Funding agency	Status of project ongoing/	Dept
1.	Dr.K.T.Tamilmani	Rs. 3.00 Lakhs	Developing strategies for word power improvement	2 years	UGC	Ongoing	English
2.	Dr. A. Boopathiraja	Rs. 1.75 Lakhs	UGC Minor Research Project (UGC-MRP-SERO). "Evaluation of Antidiabetic efficacy of <i>Bougainvillea glabra</i> flower extract in different cell lines	1 year	UGC	Ongoing	Zoology
3.	Dr.M.Meenakshisundaram	Rs. 3,30,000	Detoxification of heavy metals by biosurfactant producing bacteria from uyyokondan river, tiruchirappalli district, tamilnadu	-	UGC	Ongoing	Biotechnology
4.	Dr.T.Jayaprakasam	Rs.70,0000	The roll of microfinance in the socio economic development with special reference to gramman bank for powerty reduction in trichirappalli.	1 year	UGC	Ongoing	Commerce
5.	Mrs.S.Kanchidevi	Rs.80,000	A study on learning resource constraints in the higher education with a reference government and private colleges trichirappalli district, tamilnadu	1 year	UGC	Ongoing	Commerce

### 3.4 Details on research publications

Department	National	International
Bio-Technology	-	05
Commerce	01	02
Computer Science	00	07
Chemistry	01	04
Economics	-	04
English	-	-
Mathematics	-	08
Physics	01	06
Tamil	-	03
Zoology	02	13
<b>Total</b>	<b>05</b>	<b>52</b>

#### National Publications :

S. No	Name of the Staff	Title of paper	Year	Name of the Journal	Impact factor	Nos. in Scopus	Dept
1	Dr.M.Mary Anbumathy	Solar Energy is the Need of the Hour	July 2014	Kurusekthra			Commerce
2	Mr. S.Arumugam	Evaluation of phytochemical constituents of the extracts of indigofera suffruticosa leaves	2014	Asian journal of Phytomedicine and Clinical Research	0.612		Chemistry
3	Dr. S. Kumararaman	Synthesis, growth and characterization studies on non linear optical crystal- Trisglycine Zinc Chloride	2014	Archives of Physics Research			Physics
4	Dr.R.Sudha	“Survey on Urinary Tract Infection associated with Diabetes Mellitus”	2014	Journal of Academia and Industrial Research.	0.406		Zoology
5	Ms.G. Manjula, and Dr.K. Saravanan	Egg consumption and its changing pattern in the emerging world.	2015	Kisan World - A Journal of Agriculture and Rural Development			Zoology

### International Journals:

S. No	Name of the Staff	Title of paper	year	Name of the Journal	Impact factor	Nos in Scopus	Dept
1.	Dr. M.Meenakshi sundaram	An insilico approach to treat Halistosis disease using mint compound-Benzylamine	2015	IJPBS	5.121		Bio Technology
2.	Dr. M.Meenakshi sundaram	Characterization of PHA accumulating Bacillus sp associated with petroleum and diesel oil contaminated soil using traditional techniques.	2015	IJAR	4.588		Bio Technology
3.	Dr.C.Sasikumar	Eco - friendly synthesis of silver nano particle from leaf extract of <i>Azadirachta indica</i> and <i>Phyllanthus emblica</i>	2015	IJAR	5.121		Bio Technology
4.	Dr.C.Sasikumar	Enrichment of microorganisms by sugar cane molasses for polyethylene degradation	2015	IJAR	1.66		Bio Technology
5.	Dr.C.Sasikumar	Bioremediation of PAHs the Co-Culture of White Rot Fungi and Bacteria a FRED <i>in silico</i> Emerge	2015	IJRET	2.375		Bio Technology
6.	Dr.M.Mary Anbumathy	Consumer's Perception and Awareness towards Solar Products	July 2014	PRIMAX RI J M			Commerce
7.	Mrs.S.Kanchdevi	Job Stress & Preventing Measures with special reference to Yoga	Feb 2015	EPRA International Journal of Business Review			Commerce
8.	Mr.M.Asokan	Load Testing for JQuery based E Commerce web Applications with Cloud Performances Testing Tools	2014	IJACET			Computer Science
9.	Mrs. J.Saigeetha	ABCRNG-Swam Intelligence in Public Key Cryptography for Random Number Generation	Nov 2014	IJFMA			Computer Science
10.	Mrs. J.Saigeetha	Image Encryption and Decryption in Public Key Cryptography based on MR	Feb 2015	IEEE			Computer Science
11.	Mrs.D.Jayachitra	Traffic Analysing and Controlling using Supervised Parametric Clustering in Heterogeneous	2015	Research Journal of Applied			Computer Science
12.	Mrs.R.Jaya	Distributed Data Anonymization with hiding Sensitive Node Labels	Sep 2014	IJIRAE			Computer Science
13.	Mrs. D.Jayachitra	Survey on Heterogeneous Network Traffic Analysis with Supervised and Unsupervised Data Mining Techniques	2014	IJCSM			Computer Science

14.	Mrs. K.Saraswathi	A Survey on Data Mining Trends Applications and Techniques	2014	International Daily Journal			Computer Science
15.	Dr.D.Viji Saral Ellizabeth	Evaluation of phytochemical constituents of the extracts of cassytha filiformis.L	2014	American journal of pharmtech research	0.9832		Chemistry
16.	Dr.D.Viji Saral Ellizabeth	Analysis of Bioactive Constituents from Organic Crude Ethanol Extracts from the Local Medicinal Plant of Cassytha Filiformis L (Lauraceae) by Gas Chromatography-Mass Spectrometry	Sep-Oct 2014	Int. J. Pharm. Sci. Rev. Res.,	2.191		Chemistry
17.	Dr.D.Viji Saral Ellizabeth	GC-MS analysis of bioactive constituents of indigofera suffruticosa leaves	2014	JCPR	1.92		Chemistry
18.	Mr.S.Arumbuugam	Phytochemical screening of the various extracts of cyperus rotundus.	2014	American Journal of Pharrmtech Research	0.9832		Chemistry
19.	Dr.T.Porselvi	A Study on marketing infrastructure for fruits and vegetables in India	Jan-June 2015	TISSL International Journal Belgium			Economics
20.	Dr.T.Porselvi	Improving cattle production in India	Jan-June 2015	TISSL IJB			Economics
21.	Dr.T.Porselvi	Ensuring food safety in grapes through good agriculture practices	Jan-June 2015	TISSL IJB			Economics
22.	Dr.T.Porselvi	Small Scale Industries in the era of Globalisation	Jan-June 2015	TISSL IJB			Economics
23.	Dr.V.Saavithri	Gaussian-Generalized Exponential Mixture Distribution	2014	IJAER			Mathematics
24.	Dr.V.Saavithri	Gaussian Scale Mixture Model for estimating Volatility as a function of Economic Factor	2014	World Applied Sciences Journal			Mathematics
25.	Dr.V.Saavithri	Parameter Estimation of Lehmann Type I Exponential Mixture Distribution	2015	IJAER			Mathematics
26.	Dr.V.Saavithri	A Ranking and Selection approach for Volatility in Financial Market	2015	IJS&T			Mathematics
27.	Dr.V.Saavithri	Lehmann –Type II Laplace distribution Software reliability growth model	2015	IJAER			Mathematics
28.	Dr. V. Mohana Selvi	Perfect Domination in Bipolar Fuzzy Graphs	Jan 2015	IAJR			Mathematics
29.	Dr. V. Mohana Selvi	Strong (Weak) Domination and Independent Strong (Weak)	June 2015	IJREAS			Mathematics



		Domination in Bipolar Fuzzy Graphs					
30.	Dr. V. Mohana Selvi	Energy of Some Standardized Detour Radial Graph	June 2015	IJREAS			Mathematics
31.	Dr. S. Kumararaman	Effect of Magnesium Chloride on the Habit Modification of Spectral, Thermal nonlinear Properties in KDP Crystals	2015	IJSRD	2.0		Physics
32.	Dr. A. Venkatesan	Effect of asymmetry parameter on the dynamical states of nonlocally coupled nonlinear oscillators	2015	Phys. Rev. E	2.12		Physics
33.	Dr. A. Venkatesan	Observation and characterization of chimera states in coupled dynamical systems with nonlocal coupling	2014	Phys. Rev. E	2.12		Physics
34.	Dr. A. Venkatesan	Mechanism for intensity-induced chimera states in globally coupled oscillators	2014	Phys. Rev. E	2.12		Physics
35.	Dr. A.Rajendran	Heat transfer intensification by Nanofluids	2014	JSIR	1.5		Physics
36.	Dr. A.Rajendran	Synthesis of Zinc Oxide Nanoparticles from Fruit of Citrus Aurantifolia by Chemical and Green Method	2014	AJPCR	0.612		Physics
37.	Ms. P.Vanitha	சு. சமுத்திரம் படைப்பில் சமுதாய சிந்தனைகள்	Aug 2014	செம்புலம்			Tamil
38.	Mrs. J.Arokiya Elfin Latha	சங்க இலக்கியத்தில் மருத நில தலைவியின் மன நிலை	May 2014	செம்புலம்			Tamil
39.	Mrs. J.Arokiya Elfin Latha	பெண்பாற் புலவர்களின் மருத திணை பாடல்களும் வள்ளுவரின் உளவியலும்	2014	ஆயுத எழுத்து			Tamil
40.	Mrs.M. P.Shanthi	Lipid Charecterization and Fatty Acid Profiles of Clarius batrachus and Its Defense Activity		BJPR			Zoology
41.	Dr. P Neela narayanan	Efficacy of Ligno-cellulolytic Fungi on the Biodegradation of Paddy Straw	2014	IJER			Zoology
42.	Dr. P Neela narayanan	Germinated rice paddy as a bait base for zinc phosphide & bromadiolone against rodent pests of selected crops	2014	Green Farming			Zoology
43.	Dr. V.Ramesh	Diversity of Mosquitoes and larval breeding preference based of physio – chemical parameters in western ghats	2014	EAPJTD	0.72		Zoology
44.	Dr. N.Ramesh.	Studies on roost and characteristics of roosting tree utilized by Indian Peafowl (Pavo cristatus L) at Musiri area, Trichy district, Tamilnadu, India.	2014	IJRPhar. Sci.	2.818		Zoology

45.	Dr. N.Ramesh.	Population status and distribution pattern of Indian Blue Peafowl ( <i>Pavo cristatus</i> L.) in Thuraiyur area of Trichy District, Tamilnadu, Southern India..	2014	IJTET	3.244		Zoology
46.	Dr. N.Ramesh.	Larvicidal activity of silver nanoparticle synthesized by the leaf extracts of <i>Adhatoda vasica</i> against <i>Culex quinquefasciatus</i> (say) (Diptera: Culicidae).	2015	IRJNAS	2.28		Zoology
47.	Dr. A.Boopathiraja	Impact of Various Plant Extracts along with CuS and AIS Nanoparticle Combinations on Antioxidant activity and Antibacterial activity	2014	IJPBA			Zoology
48.	Mr.A.Boopathiraja	Toxicity evaluation of Mg doped ZnS nanoparticles and <i>Bougainvillea glabra</i> flower extract on fresh water fish <i>Oreochromis mossambicus</i>	2014	IJMRR			Zoology
49.	Ms.R.Thangamani	A Review on Immunostimulant Effects in Fishes	2015	IJABS			Zoology
50.	Dr. C. Renuka & Dr. K.Saravanan	Antihyperlipidemic activity of <i>Biophytum sensitivum</i> extracts in Streptozotocin (STZ) induced diabetic albino rats	2015	IJABS	5.3		Zoology
51.	Dr. K.Saravanan	Evaluation of toxic effect of traditionally used antidiabetic polyherbal formulation on albino rats.	2015	IJABS	5.3		Zoology
52.	Dr. K.Saravanan	Poultry industry in India under globalised environment - Opportunities and challenges	2015	IJSR	3.2416		Zoology

### 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	2014-2015	1.SERB, 2, ICAR	47,95,000.00	43,55,000.00
Minor Projects	2014-2015	UGC	4,80,000.00	3,40,000.00
Interdisciplinary Projects	2014-2015	-	-	-
Industry sponsored	2014-2015	-	-	-
Projects sponsored by the University/ College	2014-2015	-	-	-
Students research projects (other than compulsory by the University)	2014-2015	-	-	-
Any other(Specify)				

Total			4,80,000	3,40,000
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3.7 No. of books published i) With ISBN No.

03

Chapters in Edited Books

01

ii) Without ISBN No.

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3.8 No. of University Departments receiving funds from

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UGC-SAP

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CAS

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DST-FIST

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DPE

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DBT Scheme/funds

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3.9 For colleges

Autonomy

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CPE

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DBT Star Scheme

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INSPIRE

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CE

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Any Other (specify)

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3.10 Revenue generated through consultancy

Rs. 9,75,000

3.11 No. of conferences organized by the Institution : 09

S.No	Name of the Conference Organized	Funding agency	Amount spent	Period	Dept
1.	Workshop on <b>Need Based Value Added Research Proposal</b> Writing	ICMR	Rs. 99,889	22 <sup>nd</sup> & 26 <sup>th</sup> sep. 2014	Bio Technology
2.	Workshop on <b>Modern trends in Biological sciences</b>	UGC	Rs. 1,25,000	9 to 11 Oct. 2014	Bio Technology
3.	Workshop on Interactive programming using PYTHON	Autonomous	Rs. 9,540	29 & 30 Sep. 2014	Computer Science
4.	Seminar on <b>Building Cloud Applications</b>	Autonomous	Rs. 3000	31 <sup>st</sup> Jan 2015	Computer Science
5	Seminar on <b>Investment avenue</b>	Autonomous	Rs. 4,555	23 <sup>rd</sup> Jan. 2015	Commerce
6	Seminar on <b>Women Entrepreneurship</b>	Autonomous	Rs. 4000	16 <sup>th</sup> sep. 2014	Commerce
7	<b>Entrepreneur Awareness camp</b>	NMC	Rs. 20,000	10 to 12 Sep. 2014	College
8	<b>Mathematical Exhibition</b>	NMC	Rs. 3000	8 <sup>th</sup> August 2014	Mathematics
9	Seminar on <b>Exploring Scientific Research Opportunity in India and Abroad</b>	Autonomous	Rs. 5500	22 <sup>nd</sup> Jan. 2015	Physics

S. No	Name of the Staff	Name of the Institution	Conference/Seminar /Guest Lecture	Topic	Served as experts, chairpersons or Resource person
1.	Dr.K.T.Tamilmani	BDU, Trichy.	Delivered a talk on 21.05.2015	Orientation Course	Resource person
2.	Dr.K.T.Tamilmani	BDU, Trichy.	Delivered a talk on 22.05.2015	Orientation Course	
3.	Dr. K.T.Tamilmani	All India Radio, Trichy	Delivered a talk on 5. 7. 2014	“Importance of Forests”	Resource person
4.	Dr. K.T.Tamilmani	University College of Engineering, Ariyalur.	Delivered a lecture on 23.07.2014	The Capacity Building	Resource Person
5.	Dr. K.T.Tamilmani	Muthayammal College of Arts and Science, Rasipuram	Delivered a lecture on 18.08. 2014	“American Poetry”	Resource Person
6.	Dr. K.T.Tamilmani	ASC, BDU, Trichy	Delivered a lecture on 03.09.2014	“Flash Fiction”	Resource Person
7.	Dr. K.T.Tamilmani	The School of English and Other Foreign Languages, Bharathidasan University, Tiruchirappalli	Attended the Board of Studies Meeting in English on 15.09.2014	Board of Studies Meeting in English	Board of study member
8.	Dr. K.T.Tamilmani	NIT,Tiruchirappalli	Workshop on 26&27.09.2014	“Best Practices for Effective Usage of Online E-Resources for promoting Research and Development”	Resource Person
9.	Dr. K.T.Tamilmani	Bharathidasan University, Trichy	Delivered a talk on 30.11.2014	Reading Comprehension Skill at the UGC-NET Free Coaching Program	Resource Person
10.	Dr. K.T.Tamilmani	Bharathidasan University, Trichy	Delivered a talk on 16.12.2014	Higher Education at the UGC-NET Free Coaching Program	Resource Person
11.	Dr. K.T.Tamilmani	Srimad Andavan Arts & Science College, Trichy	Delivered a lecture on 22.12.2014	“The Making of American Literature” during the Pegasus Literary Association Meeting held	Resource Person
12.	Dr. K.T.Tamilmani	Urumu Dhanalakshmi College, Kattur, Trichy	Delivered a lecture during the Workshop on 30.12.2014	Education, Employability and Soft Skills	Resource Person
13.	Dr. K.T.Tamilmani	Seethalakshmi Ramasami College, Trichy	Delivered a lecture on 20.01.2015	“Minimalism” in the UGC sponsored seminar	Resource Person

14.	Dr. K.T.Tamilmani	Kunthavai Naachiyaar Government Arts College for Women, Thanjavur	Delivered a lecture during the workshop on 02.02.2015	Reinforcement & Extension of skills: Linguistic, Psychological, Social and Existential”	Resource Person
15.	Dr. K.T.Tamilmani	Nehru Memorial College, Puthanampatti	Delivered a lecture during the Workshop on 20.02.2015	“Personality Development and Life Skills”	Resource Person
16.	Dr. K.T.Tamilmani	Urumu Dhanalakshmi college,Kattur, Trichy	Served as the Judge for the Drama Contest on 13.03.2015	As part of Illume 2015	Judge for the Drama
17.	Dr. K.T.Tamilmani	Govt. Arts College, Ariyalur	Delivered the Inaugural Address on 27.03.2015	The Inaugural Address at the English Literary Association	Chief Guest
18.	Dr. K.T.Tamilmani	Urumu Dhanalakshmi college,Kattur, Trichy	Delivered the Valedictory Address on 08.04.2015	Chief Guest for the English Literary Association Valedictory	Chief Guest
19.	Dr.S.R.Komahan Kavirinadan	Seethalakshmi Ramasami College, Trichy.	Delivered a special lecture on January, 2015	“The Myths of Spoken English”	Resource Person
20.	Dr. K. Saravanan	MVM College for women, Dindigul	Delivered a special lecture on 13.03 2015	Birth defect	Resource Person
21.	Mrs. J. Saigeetha	JMC, Trichy.	Delivered a lecture on 19.02.2014	Windows Applications	Resource Person
22.	Mrs. R. Akila	Dhanalakshmi Srinivasan college of Arts & Science	Delivered a lecture on 02.08.2014	Eclipse on JAVA	Resource Person
23.	Mrs. R. Akila	Seethalakshmi Ramasami College, Trichy.	Served as a Judge for the Event 22.08.2014	Multimedia Presentation in Cynosure- 2K14	Judge for Multimedia Presentation
24.	Dr. C.Prabhakaran	Thandhai Hans Roever College, Perambalur.	Delivered a lecture on 6 <sup>th</sup> March 2015	Silappadhigarathil Vaalviyal	Resource Person
25.	Dr.R.Malarvizhi	Kurinji Kabilar Tamil Sangam, Namakkal	Delivered a lecture 2015	Best Teacher Award for The Service of Tamil Literature	Resource Person
26.	Dr.R.Malarvizhi	Tamilnadu kalai Ilakkiya Kalagam,Kottaram.	Delivered a lecture 2015	Best Teacher Award f or attended the Literary Competition by students	Resource Person
27.	Dr. V. Selvaraj	JMC – Trichy	UGC Sponsored National Seminar on 19&20. 9. 2014	Problem & Prospects of Retailing in India	Convener

28.	Dr. V. Selvaraj	JMC [Aided] - Trichy	Delivered a special lecture on 17.02.2015	Online share Trading	Resource Person
29.	Dr. V. Selvaraj	JMC [self- finance] - Trichy	Delivered a special lecture on 17.02.2015	Online share Trading	Resource Person
30.	Dr. V. Selvaraj	Priyar EVR College, Trichy.	Delivered a lecture of UGC Sponsored Workshop on 23.02.2015	Emerging Trend in Stock Market	Resource Person
31.	Dr. V. Selvaraj	Govt. College for Women, Kumbakonam	Delivered a lecture on 06&07.03.2015	Investors information and international investment	Resource Person
32.	Dr. A. Rajendran	AVVM, Sri Pushbam College, Pundi.	Delivered a lecture on 21.08.2014	Embedded System and Applications	Resource Person
33.	Dr. A. Rajendran	National College, Trichy.	Delivered a lecture on Instrument Techniques	CSIR- NET Examinations on 3.06.2015	Resource Person
34.	Dr.S.Rajendran	Government Arts College.(Gents) Krishnagiri.	Delivered a lecture on 27.03.2015	Publications of classical Tamil	Resource Person
35.	Dr.S.Rajendran	Government Arts College.(Womens) Krishnagiri.	Delivered a lecture on 27.03.2015	Publications of classical Tamil	Resource Person

**3.13 No. of collaborations** International  National  Any other ☒

● M.B.A Concurrent degree Programme is offered in association with Bharathidasan University, Tiruchirappalli.

**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
--	--	--	02	--	--	05

**3.18 No. of faculty from the Institution who are Ph D. guiding and students registered under them : 15**

S. No	Name of the Staff	Name of the Candidate	Topic	Month & Year of Registration	Department
1	Dr. V. Saavithri	G. Shyamala	Mathematical Modelling	Jan 2011 (PT)	Maths
2	Dr. V. Saavithri	Akilandeswari	Mathematical Modelling	Apr 2012 (PT)	Maths
3	Dr. V. Saavithri	R.Vahini	Mathematical Modelling	Apr 2014 (FT)	Maths
4	Dr. V. Mohana Selvi	S.Sivamani	Fuzzy Graph Theory	Aug 2013 (PT)	Maths
5	Dr. V. Mohana Selvi	P. Shyamala Anto Mary	Graph Theory	January 2014	Maths
6	Dr.A.Sekar	Mohanraja	Biomimic System	April 2014	Chemistry
7	Dr.A.Sekar	K.Palanisamy	Corrosion	April 2014	Chemistry
8	Dr.A.Sekar	F. Paul Arokiadoss	Reaction Mechanism	July 2014	Chemistry
9	Dr.R.Periyasamy	P.Sharmila devi	Data Mining	Jan 2014	Comp. Science
10	Dr.R.Periyasamy	G.Narayanan	Web Mining- Ontology	July 2013	Comp. Science
11	Dr.R.Periyasamy	R.Rajalakshmi	Mobile Network	Oct 2013	Comp. Science
12	Dr.R.Periyasamy	R.Sudha	Data Mining	July 2013	Comp. Science
13	Dr.R.Periyasamy	P.Veeramuthu	Data Mining	July 2013	Comp. Science
14	Dr.R.Periyasamy	K.Arutchelvan	Data Mining	April 2013	Comp. Science
15	Dr.R.Periyasamy	D.Nalini	Data Mining	April 2013	Comp. 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	Mathematics	Dr.V.Savithri	Mrs.R.Poornima	16.08.2014
2	Commerce	Dr.V.Selvaraj	Ms.S.Santhi	19.12.2014
3	Bio-Technology	Dr.C.Sasikumar	Mr.V.Guruchandran	15.10.2014

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

Scheme of the Fellowship	Name of the Staff	Name of the Award	Funding agency	Period	Purpose	Total
<b>JRF</b>	N. Subash		UGC, New Delhi	2012-2015	Ph.D.,	5
	K. Viji	RGNF	DST, New Delhi	2010-2014	Ph.D.,	
	B.Umarani	RGNF	UGC, New Delhi	2013-2015	Ph.D.,	
	P.Karuppannan	RGNF	UGC, New Delhi	2013-2015	Ph.D.,	
	Ms.Premalatha	RGNF	UGC, New Delhi	2015-2017	Ph.D.,	
<b>SRF</b>	R.Arulpriya	RGNF	UGC, New Delhi	2014-2017	Ph.D.,	1

**3.21 No. of students Participated in NSS events : 500**

S. No	Level	No. of students	No. of Events
<b>01</b>	University	250	06
<b>02</b>	State	0	0
<b>03</b>	Regular Activity	----	28
<b>04</b>	Special Camp	----	---

**3.22 No. of students participated in NCC events:**

University level	11	State level	2
National level	7	International level	Nil

**3.23 No. of Awards won in NSS:**

University level	250	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	4
NCC	---	NSS	01
		Any other	---

1. Inspire Science Camp for the 11<sup>th</sup> std students on 17<sup>th</sup> to 21<sup>th</sup> November 2014.
2. Temple Cleaning at Kamatchi Amman Temple, Puthanampatti from 6<sup>th</sup> to 7<sup>th</sup> Feb, 2015 organized by Rotary Club.
3. Mathematics Department Creating the Awareness of Health , Sanitation & Computer for Puthanampatti village peoples on 5<sup>th</sup> May 2015.

**a. 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	-	-	-
Seminar Halls	03	-	-	-
No. of important equipments purchased (≥ 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. Students 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
<b>Text Books</b>	38,510	75,39,480.00	1380	4,043,147	39890	79,43,627.00
<b>Reference Books</b>	3913	17,10,962.00	248	71,320.00	4161	17,82,282.00
<b>e-Books</b>	-	-	-	-	-	-
<b>Journals</b>	-	-	-	-	-	-
<b>e-Journals</b>	-	-	-	-	-	-
<b>Digital Database</b>	-	-	-	-	-	-
<b>CD &amp; Video</b>	486	40,800	92	18,250	578	59,050
<b>Others (specify)</b>						

**4.4 Technology up gradation (overall)**

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
<b>Existing</b>	338	260	10	10	---	15	25	18
<b>Added</b>	80	---	70	---	---	04	6	---
<b>Total</b>	418	260	80	10	---	19	31	18

**4.5 Computer, Internet access, training to teachers and students and any other programme for technology**

up gradation (Networking, e-Governance etc.)

1. This year e-Internal assessment is introduced for our staff to calculate and submit the continuous Internal Marks through Intranet available in our college.
2. E-Student profile has created and students can check their attendance and other particulars.

#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	30,53,933
ii) Campus Infrastructure and facilities	49,50,684
iii) Equipments	87,05,546
iv) Others	2,33,400
<b>Total :</b>	<b>1,69,43,563</b>

#### 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.
2857	469	130	49

#### **(b) No. of students outside the state**

1
---

#### **(c) No. of international students**

36
----

No	%	Men
892	25.44	

No	%	Women
2613	74.55	

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
326	1398	228	1547	--	3499	787	1186	299	903	05	3180

Demand ratio : 55.20%

Dropout : 0.1%

#### 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.

#### 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

- Counselling** : 763 students are beneficiary in the Class room Counselling.
- Career guidance programme** : 16 Programmes conducted by the various departments.

No. of students benefitted

865

#### 5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
1. Hotel Heritage Inn, Coimbatore	15	--	08
2. Soft Square, Chennai	50	03	---
3. Furtrix- Business service Comany, Trichy.	50	08	---
4. TRB, TN Govt	02	---	02
5. Holy Cross College, Trichy.	01	---	01
6. Eureka Forbes Ltd, Trichy.	60	16	---

## 5.8 Details of gender sensitization programmes

1. Prevention of Violence Against Women on 26, Aug, 2014 Sponsored by Sakthi Rotract Club.
2. CSI- Student Branch Inaguration on 16-03-2015

## 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
State Level	Intercollegiate Meet on January 31, 2015	25	Second
State Level	Intercollegiate Meet on September 9, 2015	2	Second
State Level	Intercollegiate Meet on 2.02. 2015	25	Second

Cultural: State/ University level  National level  International level

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

## 5.10 Scholarships and Financial Support

	Number of Students	Amount
Financial support from government	2101	1,71,97,192
Financial support from other sources	09	51,500
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:

(i) Monkey Menace – Necessary steps are taken to reduce it.

(ii) Drinking water – Drinking water is supplied periodically to the students

### 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. It is on the process.

### 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**

#### **Teaching – Learning Process**

- Use of modern gadgets for teaching and learning.
- Inclusion of seminars, projects, field visits as essential components of CIA.
- Effective utilization of audio visuals, web-resources for supplementing teaching – learning process.
- Learning through demonstration kits.
- Practising e-assignments, class Assignment

### **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 is carried out only by the external examiners.
- E-Assignments are given, class Assignment
- 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 staff 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 300 kw 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 is established to maintain equipments.
- 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, Tiruvanandapuram
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.
8. MoU with All India Network Project on Vertabrates Pest Management from Nov 2014, In Specialisation of Agricultural Ornithology. Indian Council of Agricultural Research, New Delhi.

### **6.3.9 Admission of Students**

- The admission committee is constituted in every academic year. It follows the admission policy of the parent university and the state government. For transparency, rank list is prepared and it is made known to all students. The publicity is done through the following means: a) Publishes the Annual Prospectus b) Has active Website c) Advertises in regional / national dailies
- Students are admitted into various UG and PG Programs offered in the college based on the rank list. (Marks obtained in the qualifying exams and as per Tamil Nadu government guidelines).

**6.4 Welfare schemes for**

<b>Teaching</b>	Insurances, Provident Fund
<b>Non teaching</b>	Insurances, Provident Fund
<b>Students</b>	Insurances

**6.5 Total corpus fund generated**

Nil
-----

**6.6 Whether annual financial audit has been done**

Yes

☒

No

☐
**6.7 Whether Academic and Administrative Audit (AAA) has been done?**

**Academic Audit:** Academic audit is conducted every year by subject experts suggested by the departments with the presence of other chosen members by IQAC and the college. This year, academic audit was conducted with internal members and reports were given to the Department for their further action.

**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 31<sup>st</sup> 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 2014-15.

**6.8 Does the University/ Autonomous College declares 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. This year, general Alumni meeting held on January 6<sup>th</sup> 2014. More than 100 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-friendly**

- 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 effertely 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.

### **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:**

- Introduction of New courses M.A English, B.Sc., Chemistry (Addl. Section)
- Curriculum Development Cell has started to revamp the structure of existing course and syllabi for the different programmes offered in the college and will be implemented from

2015-2016 onwards. Internal board of studies meeting and feedback from various holders are being initiated

### **Teaching-Learning and Evaluation**

- In order to promote effective use of technology, a workshop on “E-content Development” was organised.
- All the department are given to have one lap-top and one LCD with them for promoting ICT enabled teaching-learning process.
- Science and Mathematics exhibitions are organised to promote science values to the students.
- Seminars are arranged by inviting experts and alumni
- E-assignment and internship are made wherever feasible.

### **Research, Consultancy and Extension**

- To promote research among the faculty an appreciation award was given for faculty for guiding Ph. D degree and Research Projects.
- Encourage to attend conferences/seminars/workshop in other institution
- Extension activities were done to create scientific awareness on Spirulina Culture and ornamental fish culture for school students, Self-help groups with assistance from Tamil Nadu state council for Science and Technology.

### **Infrastructure and Learning resources**

- Digital Library is established.
- 60 new computer systems with latest configuration are upgraded in the computer lab.
- Embedded lab is established

### **Student Support and Progression**

- Career and Guidance programme is regularly conducted.
- On and off campus recruitment is published widely.
- New bus transports are operated
- Various awareness programmes are conducted through NSS and Rotary club.
- Mini Projects and internship program introduced in PG Embedded Systems Programme.

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

<b>Plan of Action</b>	<b>Outcome</b>
<ul style="list-style-type: none"> <li>• To Conduct Faculty Development Programmes in this A/Y 2014 - 15.</li> </ul>	<ul style="list-style-type: none"> <li>• Workshop on Interactive <b>Programming Using Python</b> from 29 and 30, September 2014.</li> <li>• Workshop on <b>Need Based Value Added Research Proposal Writing</b> on 25<sup>th</sup> 26<sup>th</sup> Sep. 2014.</li> <li>• Science Academies Lecture workshop on <b>Modern Trends in Biological Sciences</b> from 09 to 11 October 2014.</li> </ul>

<ul style="list-style-type: none"> <li>To conduct Management/ Soft skill and human relationship development for Non Teaching staff.</li> </ul>	<ul style="list-style-type: none"> <li><b>Mr. S. Nanthagopal</b> (Lab Assistant) has been participated in Training Programme on “Ornamental Fish Farming” conducted at Antenna Resource Centre, Authaneri from <b>28<sup>th</sup> July to 2<sup>nd</sup> August 2014</b> at Antenna Trust, Maduari, Tamilnadu.</li> </ul>
<ul style="list-style-type: none"> <li>To conduct bridge-course development programme for the students</li> </ul>	<ul style="list-style-type: none"> <li>Dept. of English conducted Bridge course for all 1<sup>st</sup> Year students (June 2015).</li> <li>Dept. of Mathematics conducted Bridge course for 1<sup>st</sup> B.Sc., Chemistry, Mathematics and Physics students.(June 2015)</li> </ul>
<ul style="list-style-type: none"> <li>To conduct department wise guest lecture for the students.</li> </ul>	<p>➤ <b>Economics:</b></p> <ul style="list-style-type: none"> <li>Career Opportunities in Banking Sector on 11-08-2014</li> <li>Recent Changes in Banking Sector on 12-12-2014</li> <li>Campus to Corporate and way Forward on 12.03.2015</li> <li>Online Share Trading on 06-03-2015</li> <li>Globalisation and Labour Market on 09-03-2015</li> </ul> <p>➤ <b>Commerce:</b></p> <ul style="list-style-type: none"> <li>Problems and Prospects of Dairy Industries in India on 13-03-2015</li> <li>Consumer Production Day on 16-03-2015</li> <li>Self Development on 26-02-2015</li> </ul> <p>➤ <b>Chemistry:</b></p> <ul style="list-style-type: none"> <li>Introduction to Bio informatics on 16-03-2015</li> </ul> <p>➤ <b>English:</b></p> <ul style="list-style-type: none"> <li>Stress and De-stress on 24-01-2015</li> <li>Lyceum – Literary and Debating Activities on 18-03-2015.</li> </ul>
<ul style="list-style-type: none"> <li>To organize national seminars/ Conference and workshop by various departments.</li> </ul>	<p>➤ <b>Comp. Science:</b></p> <ul style="list-style-type: none"> <li>Seminar on “<b>Building Cloud App</b>” on 31-01-2015.</li> <li>“OPTRA” Intra collegiate competition on 06.03.2015.</li> <li>Inauguration of “CSI Student branch” on 16.03.2015.</li> <li>Seminar on “Sales Force Automation” on 11.07.2014.</li> <li>Seminar on “Mobile Application Development” on 11.07.2014.</li> <li>Seminar on “Personality Dynamics and career Guidance” on 20.01.2015.</li> <li>Seminar on “Enterprise wide Information System” on 20.02.2015</li> <li>Seminar on “Data Structure” on 23.07.2014.</li> <li>Seminar on “Data Mining &amp; its Applications” on 14.03.2015.</li> <li>Seminar on “Industry-Institution: Expectations and Reality” on 02.03.2015.</li> </ul> <p>➤ <b>Commerce:</b></p> <ul style="list-style-type: none"> <li>Investment Avenues on 23.01.2015.</li> </ul> <p>➤ <b>English:</b></p> <ul style="list-style-type: none"> <li>Language Skills for Enhancing the Employability Traits on 2<sup>nd</sup> March, 2015.</li> <li>One day workshop on “Discover Yourself” on 8.10.2014.</li> <li>Faculty Development Programme on 29.10.2014.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ <b>Physics :</b> <ul style="list-style-type: none"> <li>• Science Research opportunities in India and Abroad on 22-01-2015</li> </ul> </li> <li>➤ <b>Embedded System:</b> <ul style="list-style-type: none"> <li>• Rajiv Gandhi National institute of youth development scheme sponsored workshop on “Personality Development and life skill” on 20 to 23 of February 2015.</li> </ul> </li> <li>➤ <b>College:</b> <ul style="list-style-type: none"> <li>• “<b>Innovations and Social Development</b>” Lecture delivered by <b>Dr.A.P.J.Abdul Kalam</b>, Former president of India.</li> <li>• Entrepreneur Awareness Camp from 10-09-2014 to 12-09-14.</li> <li>• Opportunities Through Research on 22-08-2015.</li> </ul> </li> <li>➤ <b>College Day celebrations</b> on 20.03.2015.</li> </ul>
<ul style="list-style-type: none"> <li>• Yoga programme conducted regularly.</li> </ul>	Yoga Day Celebrated on 21.06.2015 and yoga classes are conducted regularly.
<ul style="list-style-type: none"> <li>• To organize sports and cultural activities at inter collegiate level.</li> </ul>	<ul style="list-style-type: none"> <li>➤ <b>Commerce :</b> <ul style="list-style-type: none"> <li>• “<b>COMEX 2015</b>” on 12.02.2015.</li> </ul> </li> <li>➤ <b>Comp. Science:</b> <ul style="list-style-type: none"> <li>• “<b>THINK QUEST15</b>” on 06.03.2015.</li> </ul> </li> <li>➤ <b>Mathematics:</b> <ul style="list-style-type: none"> <li>• “<b>RAM FEST2014</b>” on 23-12-14 to 29-12-2014.</li> </ul> </li> </ul>
9. To encourage for publishing research articles, text books, magazine and seminar.	<ul style="list-style-type: none"> <li>• Teachers were honoured with awards on Sep 5<sup>th</sup>, 2014 (Teachers Day) for having Major/ Minor research projects as well as for produced Ph.D., Scholars. Cash Awards for research articles etc,</li> </ul>
10. Books Published by faculty	<ul style="list-style-type: none"> <li>• The text book “<b>English For Communicative Competence</b>” for Part II English Students edited by Dept. Of English.</li> <li>• “<b>உடைந்த நிலா</b>” (சிறுகதைத் தொகுப்பு) written by Dr. C.Prabhakaran, Dept. of Tamil.</li> <li>• “<b>கி.இராசா</b>” written by Dr. R.Malarvizhi, Dept. of Tamil</li> <li>• “<b>An Appearance of Tamil Grammar</b>” written by T. Maheshwari, Dept. of Tamil</li> <li>• The text book “<b>Effect of NaCl doping on Growth, Characterization, Optical and Dielectric properties of Potassium Hydrogen Phthalate Crystals</b>” edited by Dr. S. Kumararaman (Co author), Dept. of Physics.</li> </ul>
11. Establishing NET/SET coaching centre.	NET Coaching Classes are Conducted for PG Departments (Physics, Chemistry, Computer Science, Mathematics and Commerce)
12. To arrange Gender sensitization programmes.	<ul style="list-style-type: none"> <li>• Prevention of Violence Against Women on 26, Aug, 2014 Sponsored by Sakthi Rotract Club.</li> <li>• CSI- Student Branch Inaguration on 16-03-2015.</li> </ul>
13. To strengthen the student counselling and guidance service.	<ul style="list-style-type: none"> <li>• More than eight programmes were conducted for entry level services to UPSC, SSC, TNPSC</li> <li>• Tutor ward system is being followed to give Coaching and</li> </ul>

	personal counselling to the students.
<b>14.</b> To conduct more number of Extension Activities.	<ul style="list-style-type: none"><li>• Inspire Science Camp for the 11<sup>th</sup> std students on 17<sup>th</sup> to 21<sup>th</sup> November 2014.</li><li>• Temple Cleaning at Kamatchi Amman Temple, Puthanampatti from 6<sup>th</sup> to 7<sup>th</sup> Feb, 2015 organized by Rotary Club.</li><li>• Mathematics Department Creating the Awareness of Health , Sanitation &amp; Computer for Puthanampatti village peoples on 5<sup>th</sup> May 2015.</li></ul>
<b>15.</b> Placement Activity	<ul style="list-style-type: none"><li>• 8 students (BSc HMCS) are placed in Hotel Heritage Inn, Coimbatore</li><li>• More than 30 students (BSc HMCS) are trained in various Hotels with stipend</li><li>• 11 Students ( CS) are placed in Soft Square, Chennai and Furtrix- Business service Company, Trichy.</li><li>• 2 Students (Zoology) are placed in TRB, TN Govt.</li><li>• 1 Student (Zoology) placed as an Asst. Prof in Holy Cross College, Trichy.</li><li>• 16 students from various department are placed in Eureka Forbes Ltd, Trichy.</li></ul>
<b>16. Student’s Activities</b> a. Students’ achievement	
<b>Department</b>	<b>Rank Holders / Seminars / Conference / Workshop Attended</b>
<b>Computer Science</b>	<b>NAME</b> <b>PROGRAMME</b> <b>RANK</b>
	V. Karthick BCA 16
	S. Vignesh B.Sc CS 21
	S. Subasri M.Sc CS 2
	N. Kamala MCA 5
	K. Venkatesan M.Sc IT 16
<b>Chemistry</b>	<b>NAME</b> <b>PROGRAMME</b> <b>RANK</b>
	B.bharathi B.Sc 4
	S. Keerthana M.Sc. 10
<b>Mathematics</b>	<b>NAME</b> <b>PROGRAMME</b> <b>RANK</b>
	P. Nandhini M.Sc 3
<b>Bio-Technology</b>	<b>NAME</b> <b>PROGRAMME</b> <b>RANK</b>
	S.Saranya M.Sc 12

b. Students' Participation <b>Mathematics</b>	<b><u>Seminars / Conference / Workshop Attended :</u></b> <b>1.</b> Ms.N.Sasikala of attended the workshop conducted by “NBHM, DAE, Mumbai” held at Central University, Thiruvavur on 29 to 31 January 2015.
<b>Economics</b>	<b>1. K. Mani</b> attended one day training programme “Peer Educators Training Programme” organised by Bharathidasan University on 14.08.2014. <b>2. T.Parkavi</b> attended 2 days workshop “Personality Development and Life Skills” on 20, 21 February 2015. <b>3. T.Parkavi</b> participated the “Marathon Competition 2015” at trichy.

**7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)**

1. Lab to land Technology
2. Waste water Management

**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
- Word of mouth publicity through successful Alumni.
- Enhanced reputation among academicians with regular Faculty enrichment programmes through seminars/conferences/workshops / refresher courses/orientations



#### Weakness

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

#### Opportunities

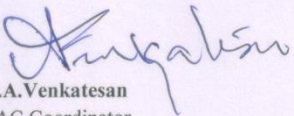
- Proper training and inculcation of employability skill would improve placement activities
- Periodic Updation of curriculum enable the students to become more employable
- Good responses for Science and Humanities programmes.

#### 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 forum activities
- To organise Workshops/Conferences/Seminars at the College for students and staff.
- Strengthen Placement activities and Career Guidance programme.
- General Academic and administrative Audit with external experts.

  
Dr.A.Venkatesan  
IQAC Coordinator



  
Dr.T.Jayaprakasam  
Principal.

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