

**Internal Quality Assurance Cell (IQAC)  
and Submission of Annual Quality Assurance  
Report (AQAR) in Accredited Institutions**  
*(Revised in October 2013)*



**राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्**

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

*An Autonomous Institution of the University Grants Commission*

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

I. Details of the Institution

Name of the Institution	Mother Teresa Women's University, Kodaikanal
Address Line 1	Attuvampatti Campus, Kodaikanal
Address Line 2	
City/Town	Kodakanal, Dindigul District.-624 102
State	Tamil Nadu
Pin Code	624 102
Institution e-mail address	registrar.mtwu@gmail.com
Contact Nos.	04542241685
Name of the Head of the Institution:	Prof Dr (Mrs) G.Valli
Tel. No. with STD Code:	04542241021,
Mobile:	9442541121

Name of the IQAC Co-ordinator: Dr.D.Ramani  
Dr.M.Pushparani

Mobile: 9894381095,9942035825

IQAC e-mail address: mtwuiqac@gmail.com

**NAAC Track ID** (For ex. MHC0GN18870) 18870  
18870GN10133

**NAAC Executive Committee No. & Date** EC(SC)/05/RAR/048 dated 3<sup>rd</sup> March, 2015  
(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 Accreditation Certificate)

Website address: <https://www.motherteresawomenuniv.ac.in>

Web-link of the AQAR: [https://www.motherteresawomenuniv.ac.in/IQAC/AQAR/AQAR%20final%202016-2017\\_n.pdf](https://www.motherteresawomenuniv.ac.in/IQAC/AQAR/AQAR%20final%202016-2017_n.pdf)

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

**Accreditation Details**

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B++		2007	5 years
2	2 <sup>nd</sup> Cycle	B	2.80	2015	5 years
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

Date of Establishment of IQAC : DD/MM/YYYY 03-09-2009

**AQAR for the year** (for example 2010-11) 2016-2017

Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

- i. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- ii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iii. AQAR \_\_\_\_\_ (DD/MM/YYYY)
- iv. AQAR \_\_\_\_\_ (DD/MM/YYYY)

**Institutional Status**

University                      State  Central  Deemed  Private

Affiliated College              Yes  No

Constituent College            Yes  No

Autonomous college of UGC    Yes  No

Regulatory Agency approved Institution    Yes  No

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

Type of Institution    Co-education  Men  Women

Urban  Rural  Tribal

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

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

**Type of Faculty/Programme**

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Gender/Women's Studies

Others (Specify)

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

Not applicable

Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc : **UGC**

Autonomy by State/Central Govt. / University

State

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**

No. of Teachers

14

No. of Administrative/Technical staff

2

No. of students

2

No. of Management representatives

-

No. of Alumni

2

2. 6 No. of any other stakeholder and  
community representatives

1

1

No. of Employers/ Industrialists

No. of other External Experts

Total No. of members

No. of IQAC meetings held 4

No. of meetings with various stakeholders: No.  Faculty

Non-Teaching Staff  Students  Alumni  Others

Has IQAC received any funding from UGC during the year? Yes  No

If yes, mention the amount

Seminars and Conferences (only quality related)

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

Total Nos.  International  National  State  Institution Level

(ii) Themes

Significant Activities and contributions made by IQAC

- Teaching Staff Promotion
- Non-teaching staff Promotion
- Newsletter
- Science/Arts forum
- Social Responsibility Programs
- Soft skills
- Capacity Building Programs
- Entrepreneur Development Programs
- Professional programs
- Counseling and psychotherapy

### Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements
1.Digital learning 2.Academic Audit 3.Research culture 4.Orienting Affiliated Colleges to go for accreditation by organizing many workshops and seminars	Implemented Conducted in the beginning of the year Awareness created Awareness created

\* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body      Yes       No

Management       Syndicate       Any other body       Executive Council

Provide the details of the action taken

- Seminars organized on significant themes.
- Inter departmental programs organized
- Environmental awareness programs conducted

## Part – B

### Criterion – I

#### 1. Curricular Aspects

Details about Academic Programmes

Level of Programme	Number of Existing Programme	Number of Programme added during the year	Number of Self-financing programme	Number of value added/Career Oriented Programme
Ph.D	26			-
M.Phil	24			-
PG	26			-
UG	2			
PG Diploma	14			
Diploma	2			
Certificate Course	1			
Others	-			
Total	95			
Interdisciplinary				
Innovative				

(i) Flexibility of the Curriculum: **Yes**

- (a) CBCS/Core/Elective option/Open option: CBCS is followed for Elective papers only
- (b) Special Supplementary exam in the final semester for those who fail in one course only:  
It is allowed only for UG & PG final Semester students.

(ii) Pattern of Programs: A mix of programs, semester, Annual, CBCS etc., are offered.

Pattern	Number of Programs			
	University Depts.	University DDE	University Collaborative	Affiliated Colleges
Semester	64(PG -26+M.Phil-24)+14( PG Diploma)	-	-	56(UG-23+PG-18+M.Phil-12+PG Dip-3)
Trimester	-	-	-	-
Annual		16(UG-7+PG-7+ PG Diploma -1 + Certificate Course-1)	1(Diploma)	-

Feedback from stakeholders\* Alumni  Parents  Employers  Students

Mode of Feedback : Online  Manual  Co-Operating Schools (For PEI)

**\*Please provide an analysis of the feed in the Annexure**



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

Yes Once In a Three Years. Updation has been made with Current Technology

1. Need Based Papers for Computer Science MBA and Commerce etc
2. Based on Job Opportunity in Banking sector, UPSC, TNPSC, Staff selection Commission and to face Academic Challenges like NET/ SET/ CSIR/ MAT/ TET.. Syllabus has been revised.
3. Updating knowledge on recent trends in research.

Any new Department/Centre introduced during the year. If yes, give details: **Yes**

## Criterion – II

### 2. Teaching, Learning and Evaluation

Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	57	40	7	10	-

No. of permanent faculty with Ph.D.

53

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
-	14	-	8	-	8	-	-	-	30

No. of Guest and Visiting faculty and Temporary faculty

-

-

7

Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	21	46	7
Presented papers	60	89	-
Resource Persons	4	18	5

Innovative processes adopted by the institution in Teaching and Learning:

- ICT enabled Technology
- E-learning has been practiced through video conferencing.
- Make the students to participate in the inter-collegiate meet like paper presentation, Quiz, debugging, poster presentation.
- Science exhibition has been conducted.
- Motivate the students to participate in Role Play, Street play, Group Discussion and Marketing

technique.

- Participation of alumina and industry representatives in the Board of Studies to frame the syllabi.
- Field visits, industrial visits, interactions
- Peer group teaching and learning.
- Virtual lab techniques for easy learning of science experiments.
- Usage of Models as teaching aids.
- Enhancing the multidisciplinary knowledge skills by offering interdisciplinary courses.

Total No. of actual teaching days

during this academic year

180

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

Double valuation for M.Phil and Bar Coding

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

55

6

8

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

Average percentage of attendance of students

84.6

Course/Programme wise

distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
PG	195	15.90	61.02	0.51	-	77.43
M.Phil	104	56.73	34.61	6.73	-	98.07

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

- Evaluation of Staff Performance Appraisal System-Annual evaluation of departmental activities for ranking of the department annually through the individual staff performance appraisal.
- Feedback collected from student, alumine staff and other stakeholders of the University.
- Scrutinize the CAS forms of the Teaching staff members.
- Ensuring the effective functioning of the University in academic, research and administrative and extension activities.
- Academic calendar prepared in the beginning of the academic year
- IQAC prepared guidelines for curriculum revision for all the programs
- Internal Academic Audit conducted

- Various short term programs started

Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	7
UGC – Faculty Improvement Programme	1
HRD programmes	1
Orientation programmes	6
Faculty exchange programme	1
Staff training conducted by the university	4
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	33
Others: i) Symposium/Guest Lecture	4
ii) CC sports coaching	-

Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	77	25	-	20
Technical Staff	7	-	-	3

### **Criterion – III**

### **3. Research, Consultancy and Extension**

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

- Orienting the research scholars and students to apply various fellowships and to submit proposal to various funding agencies for their project.
- Encourage the staff members to apply major research projects to enhance their quantum of research project from various funding agencies and to publish the research finding in reputed national and international journals
- Motivate the staff members to patent their research findings.
- Encourage the staff to undergo post doctoral research, undertake multidisciplinary

research, to carryout collaborative research activities, to organize National and International seminars and to create awareness on recent trends in research among the researchers

- Motivating and encouraging all staff members to get global experience in various short-term training programs across the world.
- Create the competitive spirit to organize workshop by inviting eminent Professors in various fields
- Organized a Workshop on „Quality Assurance“

Details regarding major projects (**Annexure - I**)

	Completed	Ongoing	Sanctioned	Submitted
Number	3	3	2	-
Outlay in Rs. Lakhs	Rs.32,86,800	Rs.30,73,000	Rs.36,80,000	-

Details regarding minor projects (**Annexure - II**)

	Completed	Ongoing	Sanctioned	Submitted
Number	1	1	-	-
Outlay in Rs. Lakhs	Rs.50,000	Rs.2,00,000	-	-

Details on research publications (**Annexure - III**)

	International	National	Others
Peer Review Journals	121	6	0
Non-Peer Review Journals	14	4	0
e-Journals	18	6	0
Conference proceedings	34	21	1

Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (Rs)	Received
Major projects	2016 -20	DST-SERB	25,43,200	
	2015-18	ICSSR	3,00,000	
	2016-17	UGC-DAE	2,29,800	
	2016-17	NUEPA, New Delhi		
	2016-20	DST-SERB	26,80,000	
Minor Projects				



	Granted	
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

No. of research awards/ recognitions received by faculty and research fellows of the Institution in the year - **Annexure – VII**

Total	International	National	State	University	Dist	College
4	1	3	0	0	0	0

No. of faculty from the Institution who are Ph. D. Guides

26

and students registered under them

86

**Annexure – VIII**

No. of Ph.D. awarded by faculty from the Institution – 15

Sl. No.	Name of the Faculty	Department	Name of the PhD Research Scholar	Month and Year of Award
1	Dr.C.Hilda Devi	Sociology	J.Chitra Devi	March 2017
2	Dr.N.Geetha	English	Ms.D. Sarulatha	20.2.2017
3	Dr.C.Hilda Devi	Sociology	Ms.J.Chitra Devi	04.07.2016
4	Dr.N.Geetha	Biotechnology	Ms.T.S.Geetha	04.08.2016
5	Dr.M.Uma devi	Physics	Ms.K.Geetha	07.09.2016
6	Dr.N.Geetha	Biotechnology	Ms.K.Harini	08.09.2016
7	Dr.N.Geetha	Biotechnology	Ms.C.M.Archana	08.09.2016
8	Dr.M.Uma devi	Physics	Ms.M.Sangari	12.09.2016
9	Dr.S.Beulah Jeyaseeli	English	Ms.Erin Viola Joylet	20.09.2016
10	Dr. Vasuki Jayarathinam	Tamil Studies	Ms.N.Sangeetha	07.10.2016
11	Dr.V.Rajeswari	Education	Ms.R.Jeya	23.11.2016
12	Dr.N.Geetha	English	Ms.D.Sarulatha	20.02.2017
13	Dr.V.Rajeswari	Education	Ms.J.Ida Rose Paulin	01.03.2017
14	Dr.V.Rajeswari	Education	Ms.B.Ranjani	07.03.2017
15	Dr.V.Rajeswari	Education	Ms.R.Sangeetha	08.03.2017

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

**Annexure – IX**

JRF – 2

SRF – 0

Project Fellows – 2

Any other – 2

No. of students Participated in NSS events: - **Annexure – X**

80

University level  State level   
 National level  International level

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

University level  State level   
 National level  International level

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

University level  State level   
 National level  International level

No. of Awards won in NCC: **NIL**

University level  State level   
 National level  International level

No. of Extension activities organized - **Annexure – XI**

University forum  College forum   
 NCC  NSS  Any other

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

The following days and events are celebrated and observed as University level as part of communal harmony and national integration.

Sl.No	Major activities	Day
1	World environmental day	June 5
2	International Yoga day	June 21
3	Independence day	August 15
4	Mother Teresa's birth day	August 26
5	Teachers day	Sep.5
6	Ozone layer conservation day	Sep.16
7	Pongal festival	Jan 12-13
8	Republic day	Jan.26
9	International Women's Day	March 8
10	Forest day	Mar.21
11	Water day	Mar.22

## Annexure – I

### 3.2 Details regarding major projects - Completed

Sl. No.	Name of the Project	Name of the Principal Investigator	Department	Name of the Funding Agency	Month & Year of Sanction	Duration of the Project	Amount Sanctioned	Month & Year of Completion
1.	Ecofriendly techniques for the treatment of sugar wash effluent using natural coagulant	Dr.C.Thamaraiselvi	Biotechnology	SERB	12/2012	2012-2015	8,88,000	12/2015
2.	Ecofriendly treatment of potable water in Kodaikanal Hills-Tribal Areas	Dr.C.Thamaraiselvi	Biotechnology	UGC	4/2013	2013-2017	12,98,800	March 2017
3.	Development of Nematode based biopesticides formulation for sustainable agriculture	Dr.M.Razia	Biotechnology	DST SERB	March, 2016	2years	11,00,000	March, 2019
				<b>TOTAL</b>			<b>Rs.32,86,800</b>	

### 3.2 Details regarding major projects - Ongoing

Sl. No.	Name of the Project	Name of the Principal Investigator	Department	Name of the Funding Agency	Month & Year of Sanction	Duration of the Project	Amount Sanctioned	Month & Year of Completion
1	Investigation of Nutritional deficiency diseases among schedule Adolescents girls (SC & ST) and impact of nutrient ball supplementation and dietary intervention	Geethanjali	Home Science	DST-SERB	20 <sup>th</sup> July 2016	4 years	Rs.25,43,200	2020



2	Developing E-Governance Framework for State University of Tamilnadu	Dr. AL. Malliga	Management Studies	ICSSR	Sep, 2015	3Years	Rs. 3,00,000	
3	Surface enhanced Raman spectral activity of functionalized metal nano-composites	Dr. M. Umadevi	Physics	UGC-DAE Consortium for Scientific Research, Indore.	Jun 2016	1 Year	Rs.2,29,800	June 2017
				<b>TOTAL</b>			<b>Rs.30,73,000</b>	

Details regarding major projects - Sanctioned

Sl. No.	Name of the Project	Name of the Principal Investigator	Department	Name of the Funding Agency	Month & Year of Sanction	Duration of the Project	Amount Sanctioned	Month & Year of Completion
1	Investigation on Rare-Earth Metals doped Metal oxide Nanoparticles for Sensor and Solar Cell Applications	Dr.K.Prabha	Physics	DST-SERB	26.09.2016	4	Rs.26,80,000	26.09.2020
2	Investigation of Pharmaceutical Co-crystals with High Resolution Techniques	DR. Madhukar Hemamalini	Chemistry	UGC-BSR Start up grant	February, 2017	3 years	Rs.10,00,000	2019
				<b>TOTAL</b>			<b>Rs.36,80,000</b>	

**Annexure – II**

## Details regarding minor projects - Completed

Sl. No.	Name of the Project	Name of the Principal Investigator	Department	Name of the Funding Agency	Month & Year of Sanction	Duration of the Project	Amount Sanctioned	Month & Year of Completion
1	UGC innovative research programme project	Dr.T.S.Reena Ruby	Education	UGC	2015	2 year	50,000	2017
				<b>TOTAL</b>			<b>Rs.50,000</b>	

## Details regarding minor projects - Sanctioned

Sl. No.	Name of the Project	Name of the Principal Investigator	Department	Name of the Funding Agency	Month & Year of Sanction	Duration of the Project	Amount Sanctioned	Month & Year of Completion
1	Education attainment and employment of girls among rural poor at Attuvampatti village in Kodaikanal-Tamil Nadu	Dr.R.Poornimarani	Commerce	UGC	October-2016	3Years	2,00,000	October 2020
				<b>TOTAL</b>			<b>Rs.2,00,000</b>	

**Annexure – III**

## Details on research publications - Peer Review Journals

Sl. No	Title of Paper	Name of the Authors	Department	Name of Journal	Vol., Issue, Page No.	Month & Year of publication	ISSN Number	International / National / State / Local
1	Influence of Personal Factors of Women Entrepreneurs on Factors for Success	Dr.S.Valli Devasena	Commerce	International Journal of Research & Business Innovation (IJRBI),	Special Issue- Vol 4, No. 2 P.No 16-20	July 2016	ISSN 2321-5615	International
2	Preference Factors for Educational Services	Dr.S.Valli Devasena	Commerce	PEZZOTTAITE-International Journal of Trade and Global Business Perspectives	Vol 5, No. 3, 2565-2572	July-Sep 2016	ISSN (P) 2319-9059, (O) 2319-9067	International
3	Women Entrepreneur- Can they be Successful?	Dr.S.Valli Devasena	Commerce	Shanlax International Journal of Management	Vol 4, Special Issue 1, 32-36	October 2016,	ISSN 2321-4643	International
4	The impact of tourism Marketing Mix Element offered by Hoteliers on the Perception and satisfaction of Inbound Tourists to Madurai Region	Dr.S.Valli Devasena	Commerce	Golden Research Thoughts	Vol 6, Issue 6	Dec 2016	ISSN 2231-5063	International
5	Impact of Marital Status on	Dr.S.Valli Devasena	Commerce	Impact of Marital Status on	Special Issue, 182-	April 2017	2455 2208	International

	Employers' Attitude			Employers' Attitude	187			
6	Perception- Customers Vs Employees Using Z Test	Dr.S.Valli Devasena	Commerce	PEZZOTTAITE Journal- International Journal of Logistics & Supply Chain Management Perspectives	Vol 6 No 2-, P No 72-76	April- June 2017	ISSN (Print) 2319-9032 (online) 2319-9040	International
7	Preparation & Characterization of Pb1-xZnxS Nanoparticles	L.Kungumadevi, R.Priya, P.Visali	Physics	International journal for Research in Science, Engineering and Technology	3(2016) 35-41	Oct 2016	ISSN 2394-739X	International
8	Monodispersed Gold nanoparticles as a probe for the detection of Hg <sup>2+</sup> ions in water	Bindhu Muthnadar Rajam, Parimaladevi Ramsasamy, Umadevi Mahalingam	Physics	Acta Chim. Slov	64, 186-192	Nov.2016	1318-0207	International
9	Ginger extract as green biocide to control microbial corrosion of mild steel	Usha Rajananthini,	Department of Biotechnology	Cross Mark	3 Biotech (2017):133	February 2017	-	International
10	Toxological studies of Caesalpinia sappan wood derived dye in Wister albino rats.	Usha Raja Nanthini, C. Padmalatha	Department of Biotechnology	Science Direct	6(2017) 34-38	December 2016	-	International

11	Neem Extract As A Green Inhibitor For Microbiologically Influenced Corrosion Of Carbon Steel Api 5lx In A Hypersaline Environments	Punniyakotti Parthipan, Jayaraman narenkumar, Punniyakotti Elumalai, Parmeswaran Sujatha preethi, A. Usharaja Nanthini, Aruliah Rajasekar	Department of Biotechnology	Journal of Molecular Liquids	240, 121-127	May 2017	-	International
12	A Tool to Measure the Knowledge of Dictionary among the Higher Secondary School Students.	Dr.A.Blessing Mary	Education	International Recognition Indian Streams Research Journal	Vol. 6, Issue – 9, Pg. No. 32-35	Oct. 2016	2230-7850	International
13	Importance of Twitter in Teaching Learning and Professional Development.	Dr.A.Blessing Mary	Education	International Refereed, Indexed & Peer Reviewed Journal in Education on Research Demagogue.	Vol. II, Issue–II, P.No. 108 - 110	April 2017	2350-1081	International
14	Self efficacy of Special Education Student Teachers	Dr.T.S.Reena Ruby	Education	International Journal of Informative and Futuristic Research	Vol.4 Issue 3	October 2016	2347-1697	International
15	Achievement Motivation of	Dr.T.S.Reena Ruby	Education	International Journal of Current	Vol.8 Issue 11	November 2016	0975-833X	International

	Special Education Student Teachers in Tamil Nadu			Research				
16	Achievement Motivation and Emotional Intelligence in assessing the student teacher learning	Dr.T.S.Reena Ruby	Education	Research Tracks	Vol III Issue II	July 2016	2347-4637	International
17	Systems Approach to improve the Proficiency in Teacher Educators	Dr.T.S.Reena Ruby	Education	Shanlax International Journal of Education		March 2017	2320-2653	International
18	Self Esteem and Achievement of Student Teachers	Bency, P.B.B.	Education	Shanlax International Journal of Education	5 (1)7-13	2016	2320-2653	International
19	Class, caste, and gender discrimination in sexual violence in India	Dr. Deepa Viswam	Visual Communication	International Research Journal of India	Issue II	October 2016	2454-8707	International
20	Impact of cartoon among children with reference to television advertisement -A study conducted at Tiruchirapalli	Dr. Deepa Viswam	Visual Communication	International Research Journal of India	volume 11, issue III	Nov 2016	2454-8707	International
21	Evaluation of Entomopathogenic nematodes against Termites. Journal of	Razia M, Sivaramakrishnan S.	Biotechnology	Journal of Entomology and Zoology Studies	Vol 4(4): 324-327	June, 2016	2320-7078	International

	Entomology and Zoology Studies							
22	Antibiotic Resistance In Bacteria-A Menace	Madhumita Ghosh Dastidar and Razia M.	Biotechnology	Asian Journal of Science and Technology	Vol. 07(6): 3082-3086.-	June, 2016	2319-7706	International
23	Isolation of Multiple Drug Resistant (MDR) Bacteria from Hospital Environment	Madhumita Ghosh Dastidar and Razia M.	Biotechnology	International Journal of Current Microbiology Applied Science	5,7, 48-53	July,2016	2319-7706	International
24	New Methodology for Image Registration –An Application to Digital Image Processing	G.Sindhu MAdhuri, Dr.M.P.Indra Gandhi	Computer Science	International Journal of Advanced Research in Computer Science and Software Engineering	Vol-6 Issue-7	July 2016	2277 128X	International
25	Texture Analysis with Local Binary Patterns in Digital Image Processing	Dr.M.P.IndraG andhi, B.Thilagavathi	Computer Science	International Journal of Advanced Computer Applications	Vol -6 Issue-1 P.No: 30-32	December 2016	2231-251X	International
26	Development of a Computer Aided Software Engineering – A Literature Survey	Dr.M.P.Indra Gandhi, B.Thilagavathi	Computer Science	International Journal of Computer Science	Vol – 5 Issue-1 No-21, 1635-1640	February 2017		International
27	Region Based Image Segmentation for Plant Leaf	Dr.M.P.Indra Gandhi, B.Thilagavathi	Computer Science	International Journal of Advanced Networking & Applications	Vol – 5 Issue – 5	May 2017	-	International
28	Enhanced Heart	Dr.M.P.Indra	Computer	International	Vol – 5	May	-	International

	Disease Prediction Using Genetic Algorithm	Gandhi	Science	Journal Of Science and Innovative Engineering & Technology	Issue	2017		
29	Analysis of Heart Disease Prediction using Data Mining Techniques	S.Sharmila, Dr.M.P.Indra Gandhi	Computer Science	International Journal of Advanced Networking & Applications (IJANA)	Vol-08 Issue-05 P.No: 93-95	2017	-	International
30	Comparison of Predictive Models in Data Mining and Impacts of Air Pollution in Metropolitan Cities	Dr.M.P.Indra Gandhi, N.Asha	Computer Science	International Journal Of Scientific and Engineering Research	Vol – 8 Issue 5 P.No: 11-15	May 2017	2229-5518	International
31	Computer Framework for Identifying the Nationality	Dr.M.P.Indra Gandhi, Suma	Computer Science	International Journal of Scientific and Engineering Research	Vol -8 Issue -5 P.No: 141-144	May 2017	2229-5518	International
32	Contribution of biometrics in Securing Mobile Phones	Dr.M.P.Indra Gandhi, Bojamma	Computer Science	International Journal of Scientific and Engineering Research	Vol -8 Issue -5 P. No: 16-18	May 2017	2229-5518	International
33	Clustering Analysis of Greedy Heuristic Method in Zero_One Knapsack Problem	Dr.V.Selvi	CS	International Journal of Emerging Research in Management &Technology	Volume-6, Issue-7	July-2016	2278-9359	International
34	A hybrid particle	Dr.V.Selvi	CS	Research explorer	volume	July-	Issue 13	International



	swarm optimization algorithm for solving job scheduling problems				IV,	December 2016	issue 2250-1940(p) 2349-1647(o)	
35	A Conceptual Study of E- Marketing and Its Operation	Dr.V.Selvi	CS	International Journal of Innovative Research in Computer and Communication Engineering	Vol. 4, Special Issue 5, , 9798	October 2016	ISSN(O) : 2320-9801 ISSN (P) : 2320-	International
36	Adolescent Girls'' Knowledge About General Health And Vaccination At Puberty,	Dr.SP.Denisia	Women''s Studies	DEEKSHA, Bi-annual Journal, Mangalore		June 2016.	2250-3919	International
37	Feminists'' view point on women in politics: An overview from Mary Astell to Modern Feminism,	Dr.S.Meena priya dharshini	Women''s Studies	Asian Journal of Innovative Research,	1 (2) 18-21	June,2016	2455 7285.	International
38	A Study on Socioeconomic status of Women Domestic Workers in Puduvayal, Sivaganga District	Dr.S.Meena priya dharshini	Women''s Studies	International Journal of Advanced Research and Development,	Volume : 1, Issue 7, p,No31-33	July 2016,	2455-4030	International
39	Magical realism in Gloria Naylor''s Mama Day	Dr.S.Meena priya dharshini	Women''s Studies	International Journal of World Research	Vol 1, Iss. XXXII, 4-9	August 2016	2347-937X	International
40	The voice of the	Dr.S.Meena	Women''s	International	Vol 1,	August	2347-	International

	silence in Amitav Ghosh's Novel; The Hungry tide	priya dharshini	Studies	Journal of World Research	Issue XXXII p 4-9	2016	937X	
41	A study: Apocalyptic and Post-Apocalyptic fictions	Dr.S.Meena priya dharshini	Women's Studies	Shanlax International Journal of English,	Vol 5,No1	December 2016.	2320-2645	International
42	Conflicting situations of personal as well as political in Khaled Hossein's Novewel in the Kite Runner	Dr.S.Meena priya dharshini	Women's Studies	Shanlax International Journal of English	vol;5 No:2	March 2017	2320-2645	International
43	Constitutional protection of women from violence: Special reference with Domestic violence	Dr.S.Meena priya dharshini	Women's Studies	World Journal of science and Research	vol 2:	May 2017	2455 2208	International
44	A Survey on Data Reduplication on Cloud Storage	Dr.M.PushpaRani	Computer Science	International Journal of Advanced Computer Applications,	Vol VI, Issue I, Page No:13	December 2016	2158-107X	International
45	Routing Protocol and Related Attacks in Manet-A Survey	Dr.M.PushpaRani	Computer Science	Shanlax International Journal of Arts, Science and Humanities, Fatima College	Vol-4, Issue-1, Page No:108	September 2016	2321-788X	International
46	Health Care Using Smart Watches	Dr.M.PushpaRani	Computer Science	Shanlax International Journal of Arts, Science and	Vol-4, Issue-1, Page No:117	September 2016	2321-788X	International

				Humanities, Fatima College				
47	Security Analysis in Cloud Computing with Big Data	Dr.M.PushpaRani	Computer Science	Shanlax International Journal of Arts, Science and Humanities, Fatima College	Vol-4, Issue-1, Page No:123	September 2016	2321-788X	International
48	Nano-computers as Promising Tool for Diagnosis and Treatment of Cancer	Dr.M.PushpaRani	Computer Science	Shanlax International Journal of Arts, Science and Humanities, Fatima College	Vol-4, Issue-1, Page No:139	September 2016	2321-788X	International
49	Analysing on Multi Modal Biometric Framework With Iris and Fingerprint Image	Dr.M.PushpaRani	Computer Science	Shanlax International Journal of Arts, Science and Humanities, Fatima College	Vol-4, Issue-1, Page No:165	September 2016	2321-788X	International
50	Automatic door opening using gait Identification for movement as gesture	Dr.M.PushpaRani	Computer Science	International Journal Engineering and Technology,	Vol 4,issue 1, Pg 132-140	August 2016	2251-3701	International
51	A Secured Image Transmission Using Videos	Dr.M.PushpaRani	Computer Science	International Journal of Advanced Research in Computer Science	Vol-8, and Issue-3, 1140	April 2017	0976-5697	International
52	Statistical, Energy values and Peak Analysis (SEP) approach for	Dr.M.PushpaRani	Computer Science	International Journal of Modern Engineering Research	Vol.7, issue 3, Ver.1, Page	March 2017		International

	detection of Neurodegenerative Diseases				No:61			
53	Multi model human authentication by matching 3D Skull and Gait	Dr.M.PushpaRani	Computer Science	IEEE Explore	Vol - 1, Issue-1 Page 38-42	Feb 2017		International
54	Authentication of Identical Twins Using Tri Modal Matching	Dr.M.PushpaRani	Computer Science	IEEE Explore	Vol - 1, Issue-1	Feb 2017		International
55	SEP approach for detection of neurodegenerative diseases	Dr.M.PushpaRani	Computer Science	IEEE Explore	Vol - 1, Issue-1	Feb 2017		International
56	A Study on Women Leadership and Empowerment in India	Ramani.D	Commerce	ROOTS International Journal of Multidisciplinary Researches	3, 7 & 34 – 38	March 2017	23498684	International
57	Educational Empowerment of Tribal Women in Tamil Nadu	Indhumathi.G	Commerce	International Journal of Entrepreneurship and Business Environment Perspectives	5, 3 & 2623-2628	July-September 2016	22790918	International
58	Saving and Investment pattern and Its impact on women empowerment with special reference to Bangalore city	Indhumathi.G	Commerce	International Journal of Developments in Trade, Commerce and Business	IV, 1(I) & 84 – 95	January 2017	23481633	International

59	Analysis of Volatility of Cross Border Merger Companies Listed in BSE	Indhumathi.G	Commerce	International Journal of Engineering Technology, Management and Applied Sciences	5, 2 & 183 – 189	February 2017	23494476	International
60	Tribal Women Empowerment and Social Status	Indhumathi.G	Commerce	ROOTS International Journal of Multidisciplinary Researches	3, 7 & 39 – 42	March 2017	23498684	International
61	Systematic service and Innovative trends of Smart Banking in India	Indhumathi.G	Commerce	Shanlax International Journal of Management	4, 1 & 25-33	May 2017	23214643	International
62	Nano Semi-Generalized Homeomorphisms in Nano Topological Space	K.Bhuvaneshwari A.Ezhilarasi	Mathematics	International Journal of Mathematical Archive	Vol. 7, Issue 7, pp:168-175	July 2016	2229-5046	International
63	On Nano Generalized Pre-Continuous Functions in Nano Topological Spaces	K.Bhuvaneshwari K.Mythili Gnanapriya	Mathematics	International Journal of Mathematical Archive	Vol. 7, Issue 7, pp:163-167	July 2016	2229-5046	International
64	On Nano (1,2)* Regular - Generalized Closed Sets In Nano Bitopological Spaces	K.Bhuvaneshwari K.Sheela	Mathematics	International Journal of Mathematical Archive	Vol.7 , Issue10, pp:109-114	Oct.2016	2229-5046	International
65	Analysis and Optimization of Discrete Event	V.Padma K.Bhuvaneshwari	Mathematics	International Journal of Pure and Applied	Vol. 113, No.11, pp:1-10	2017	1311-8080	International

	Systems Using Petri Nets			Mathematics				
66	Identification of Discrete Event Systems using Petrinet Reduction	V.Padma K.Bhuvanewari	Mathematics	International Journal of Pure and Applied Mathematics	Vol.114, No.6, pp:21-29	2017	1311-8080	International
67	Nano Generalized Pre Homeomorphisms in Nano Topological Space	K.Bhuvanewari K.Mythili Gnanapriya	Mathematics	International Journal of Scientific and Research Publications	Vol.6, Issue 7, pp:526-530	July 2016	2250-3153	International
68	Removal of Speckle Noise using Hybrid Filter Technique	R.Amudha K.Bhuvanewari	Mathematics	International Journal of Engineering Research	Vol. 5, Issue 7, pp:586-588	July 2016	(E):2319-6890 (P):2347-5013	International
69	Nano Generalized-Semi Continuity in Nano Topological Space	K.Bhuvanewari A.Ezhilarasi	Mathematics	International Research Journal of Pure Algebra	Vol. 6, Issue 8, pp:361-367	Aug. 2016	2248-9037	International
70	On Nano (1, 2)* Generalized-Regular Closed Sets in Nano Bitopological Spaces	K.Bhuvanewari K.Sheela	Mathematics	International Research Journal of Pure Algebra	Vol. 6, Issue 10, pp:1-5	Oct.2016	2248-9037	International
71	Topological Digital Image Processing	K.Bhuvanewari U.S.Ajeth Kumar	Mathematics	International Journal of Applied Mathematics and Statistical Sciences	Vol.5, Issue 6, pp:53-60	Oct – Nov. 2016	2319 – 3972	International
72	Nano Pre-Generalized Locally Closed Sets and Nano Pre-Generalized Locally	K.Bhuvanewari K.Mythili Gnanapriya	Mathematics	Elixir International Journal of Applied Mathematics	Vol. 101, pp:44122-44125	Dec.2016	2229-712X	International

	Continuous Functions in Nano Topological Space							
73	Some results on n-edge magic labeling –Part 1	S.Vimala	Mathematics	International Journal Of Scientific Research	Vol.5, Issue 6, pp:104-108	May 2016	2277-8179	International
74	Representation of Fuzzy Adjacent Matrices via Fuzzy Graphs	P.Jeyalakshmi S.Vimala	Mathematics	Canadian Journal of Pure and Applied Sciences	Vol.10, No. 2, pp:3927-3932	June 2016,	(E): 1920-3853, (P): 1715-9997,	International
75	Q(a)- Balance Edge Magic of Sun family Graphs	S.Vimala R.Prabavathi	Mathematics	International Journal of Engineering and Management Research	Vol. 6, Issue 3, pp:143-149	May-June 2016	(E): 2250-0758, (P): 2394-6962	International
76	Fuzzy Transportation Problem through Monalisha's Approximation Method	S.Vimala S.Krishnapraba	Mathematics	British Journal of Mathematics & Computer Science,	Vol.17 , Issue 2 , pp: 1-11,	June,2016	2231-0851	International
77	Some results on n-edge magic labeling of special graph	S.Vimala	Mathematics	Elixir Appl. Math.	Vol. 96, pp:0-5	July 2016	2229-712X	International
78	Properties of Irregular Intuitionistic Fuzzy Hypergraph	S.Vimala I.Pradeepa	Mathematics	International Journal of Recent Scientific Research	Vol. 7, Issue 6, pp:11971-11975	June 2016	0976-3031	International
79	Optimal Solution for	S.Krishna	Mathematics	Advances in	Vol.7,	July 2016	2348-	International

	the Intuitionistic Fuzzy Assignment Problem via Three Methods-IFRMM, IFOAM, IFAM	Praba S.Vimala		Research SCIENCEDOMAI N	Issue 6, pp:1-8		0394	
80	On Spectra and Bounds of Fuzzy Graph	S.Vimala P.Jeyalakshmi	Mathematics	International Journal of Advanced Research	Vol.4, Issue 7, pp:825-832	2016	2320-5407	International
81	Implementation of BCM for Solving the Fuzzy Assignment Problem with Various Ranking Techniques	S.Krishna Praba S.Vimala	Mathematics	Asian Research Journal of Mathematics, Science domain International	Vol.1, Issue 2, pp:1-11	Aug. 2016	27952	International
82	Assignment Problems with fuzzy costs using Ones Assignment Method	S.Vimala S.Krishna Praba	Mathematics	IOSR Journal of Mathematics	Vol.12, Issue 5,pp:85 - 89	Oct. 2016	(E):2278-5728, (P):2319-765X,	International
83	A note on Fuzzy edge-vertex graceful labelling of star graph and helm graph	S.Vimala R.Jebesty Shajila	Mathematics	Advances in Theoretical and Applied Mathematics Research India Publication	Vol.11, No. 4 pp:331 – 338	2016	0973-4554	International
84	Fuzzy Transshipment problem via method of Magnitude	S.Krishna Praba S.Vimala	Mathematics	International Journal of Mathematics and Computer Applications Research	Vol.6, Issue 6, pp: 87- 96	Dec. 2016	(P):2249-6955 (E):2249-8060	International
85	New Algorithm via Method of	S.Krishna Praba	Mathematics	ISROJ	Vol.01 , Issue 05,	2016	(E): 2355-	International



	Magnitude to Maximize the Profit of an Fuzzy Transportation problem	S.Vimala			pp:1-6		8818	
86	An Inventory Model with no Shortage in Fuzzy Environment	S.Vimala S.Krishna Praha	Mathematics	IJSRSET	Vol. 2, Iss. 6, 563-566	Nov. – Dec. 2016	(P):2395 – 1990 (E):2394 - 4099	International
87	Comparative study on MDMA method with OFSTF method in Transportation Problem	A.Amaravathi V.Seerengasamy S.Vimala	Mathematics	International Journal of Computer & Organization Trends	Vol. 38, No.1, pp 17-22	Dec. 2016,	2249-2593	International
88	Properties of Fuzzy vertex magic graphs	I.Pradeepa S.Vimala R.Jebesty Shajila	Mathematics	International Journal of Applied Science and Mathematics	Vol. 4, Issue 1	2017	2394-2894	International
89	MDMA Method- An Optimal Solution for Transportation Problem	A.Amaravathi K.Thiagarajan S.Vimala	Mathematics	Middle- East Journal of Scientific Research	Vol.24, No.12, pp:3706-3710	2016	1990-9233	International
90	A Strategy to solve Mixed Intuitionistic Fuzzy Transportation Problems by BCM	S.Krishna Praba S.Vimala	Mathematics	Middle- East Journal of Scientific Research	Vol.25, No.2, pp:374-379	2017	1990-9233	International
91	Weak Q(a) Balance Edge-Magic Graphs of Prism and Anti prism graphs	S.Vimala	Mathematics	Middle- East Journal of Scientific Research	Vol.25, No.2, pp:393-401	2017	1990-9233	International
92	Fuzzy Walk on Fuzzy Graph	S.Vimala P.Jeyalakshmi	Mathematics	Middle- East Journal of	Vol.25, No.3, 489-	2017	1990-9233	International

				Scientific Research	492			
93	Topologized Euler and supereulerian Graph	S.Vimala K.Priyanka	Mathematics	IJRSET	Vol.6, Iss. 4, 7163 - 7171	2017	(P):2347-6710 (E):2319-8763	International
94	Matching and coloring in Topologized Bipartite Graph	S.Vimala S.Kalpana	Mathematics	International Journal of Innovative Research in Science, Engineering and Technology	Vol.6, Issue 4, pp: 7079-7086	April 2017	(P): 2347-6710 (E): 2319-8763	International
95	Energy of Fuzzy lablling in Complete Fuzzy graph through Hamiltonian circuit	S.Vimala A.Nagarani	Mathematics	IJMTT	Vol. 44, Issue 4,pp:47-50	April 2017	2231-5373	International
96	Topologized Hamiltonian and Complete Graphs	S.Vimala K.Priyanka	Mathematics	Asian Research Journal of Mathematics Sciencedomain	Vol.4, No.2, pp:1-10	2017	2456-477X	International
97	Energy of Fuzzy Regular and Graceful Graphs	A.Nagarani S.Vimala	Mathematics	Asian Research Journal of Mathematics, SCIENCEDOMAIN	Vol.4, No.2,pp:1-8	2017	2456-477X	International
98	Topologized Bipartite Graph	S.Vimala S.Kalpana	Mathematics	Asian Research Journal of Mathematics SCIENCEDOMAIN	Vol.4, No.1,pp:1-10	May 2017	2456-477X	International
99	Graceful Labelling for Complete	R.Jebesty Shajila	Mathematics	British Journal of Mathematics &	Vol.22, No.2,	May 2017	2231-0851	International

	Bipartite Fuzzy Graphs	S.Vimala		Computer Science SCIENCEDOMAIN	pp:1-9			
100	Development Of Sound Proof Material With Flame Retardant Property Using Natural And Synthetic Composites	Dr. G Manonmani	Home Science	International Journal Of Home Science	Pg..No.63 4-639	April 2017	2320- 2882	International
101	Digital India Programme is a Hallmark of Revolution and Development in India	Dr.P.Jeyappriya	English	Langlit - An international Peer – Reviewed Open Access Journal	Vol 3; Issue 3	February 2017	2349- 5189	International
102	The Theme of Multiculturalism and Exploration in Kiran Desai's The Inheritance of Loss	Ms.A.Rajalakhmi C.Shanmugapriya	English	Roots International Journal of Multidisciplinary Researches	Vol: 3, Issue : 14, Pg no: 117	February 2017	2349- 8684	International
103	A Detailed Survey on the Impact of Cervical Cancer in Women	S.Vimala	Computer Science	International Journal of Innovative Research in Computer and Communication Engineering	Vol. 2, No. 9, pp. 23-28	October 2016.	2394- 739x	International
104	A Detailed Analysis of Different Enhancement Methods on Low Resolution Cervical	S.Vimala	Computer Science	International Journal of Advanced Engineering Research and	Vol. 7, No. 6, pp.: 1948- 1953.	Nov. 2016.	0975- 8585	International

	Images			Science				
10 5	Green synthesis of silver nanoparticles using Manihot esculenta leaves against Aedes aegypti and Culex quinquefasciatus	K. Velayutham, R. Ramanibai, M. Umadevi,	Physics	J. Basic & Appl. Zoo.	74 (2016) 37	Jun 2016		International
10 6	One-pot fabrication and characterization of silver nanoparticles using solanum lycopersicum: an eco-friendly and potent control tool against rose aphid, macrosiphum rosae	M. Umadevi	Physics	J. Nanosci.	2016 (2016) 4679410	Sep 2016		International
10 7	Effect of potassium on structural, photocatalytic and antibacterial activities of ZnO nanoparticles	R.B. Raj, M Umadevi, V.P. Parvathi, R. Parimaladevi	Physics	Adv. Nat. Sci.: Nanosci. Nanotech.	7 (2016) 045008	Oct 2016		International
10 8	Synergistic effect of MgO/Ag co-doping on TiO <sub>2</sub> for efficient antibacterial agent	V.P. Parvathi, T. Jaiakumar, M. Umadevi, J. Mayandi, G.V. Sathe	Physics	Mat. Lett.	184 (2016) 82	Aug 2016		International
10 9	Monodispersed gold nanoparticles as a probe for the detection of Hg <sup>2+</sup>	M.R. Bindhu, R. Parimaladevi, M. Umadevi	Physics	Acta Chim. Slov.	64 (2017) 186	Mar 2017		International

	ions in water							
110	Effect of yogic practices on selected psychological variables of college women students	M.Saradha Dr.A.Rajam	Physical Education	International journal of Adapted physical education and yoga	V-II	April 2017	2455-8958	International
111	Effect of kundalini yoga and yogic practices on selected physical fitness variables of college women students	M.Saradha Dr.A.Rajam	Physical Education	International journal of Adapted physical education and yoga	V-II	March 2017	2455-8958	International
112	Influence of asana and simplified kundaliniyoga on flexibility on college women's students	M.Saradha Dr.A.Rajam	Physical Education	International journal of yoga and allied sciences	V-II	April 2017	2278-5159	International
113	Vitamin D receptor polymorphism of Apal (rs7975232) and Taql (rs731236) in south Indian postmenopausal osteoporotic and Healthy women	Dr.V.J.Kavitha	Biotechnology	International jl of Biomedical Research	8(1)	2017	42-48	International
114	An in silico approach to design T-arms primers for VDR locus to detect osteoporosis	Dr.V.J.Kavitha	Biotechnology	International jl of Biomedical and advance Research	8(1)	2017	24-30	International
115	Eco-friendly synthesis of silver nanoparticles from methanolic extract of pelargonium graveolens L'Her and their Antibacterial properties	Dr.N.Geetha	Biotechnology	International jl of pharmaceutical sciences and business management	4(2)	2016	1-10	International

116	Electron scavenger-assisted photocatalytic degradation of amido black 10B dye with Mn <sub>3</sub> O <sub>4</sub> nanotubes: A response surface methodology study with central composite design.	Kadarkarai Govindana, Hrisheekesh T. Chandran, Mohan Raja, Subramanian Uma Maheshwari, Murali Rangarajan	Physics	Journal of Photochemistry and Photobiology A: Chemistry	341 (2017) 146–156	March, 2017	1010-6030	International
117	Demographic variables of women customers and their influence over customer satisfaction in public sector banks Chennai-city	Geetha and Dr.R.Poornima rani	Commerce	International journal of computational research and development	Vol-1, issue-1, 167 – 171	2016	2456-3137	International
118	Influence of demographic variables on banking services	Geetha and Dr.R.Poornima rani	Commerce	International journal of interdisciplinary research in arts and humanities	Vol.1, issue-1, 179 – 184	2016	2456-3145	International
119	A frame work for keeping Data Safe in Cloud Transmissions.	D.Usha	Computer Science	International journal of Computer science Engineering& Information Technology Research	vol.7 Page no. 53-58,	Feb 2, 2017	ISSN 2249-6831	International
120	2-Amino-4-methoxy-6-methylpyrimidin-1-	S. Jose Kavitha	Chemistry	IUCr Data	1, x161010	June, 2016	2414-3146	International

	iumTrifluoroacetate							
12 1	Decolorization of alizarin red s dye by bacterial strains isolated From industrial effluents	Illakkiam D, Subha D, Ahila V, and Geetha N	Biotechnology	International Journal of Plant, Animal and Environmental Sciences	Vol.1, Issue-1, 268-275	June 2016	2231-4490	International
12 2	Behaviour Management of Children with autism Spectrum Disorders through Adapted Physical Education	Dr.C.Renuga Devi	Education	Research Tracks	Vol.III, Iss II, PP.191-194	July 2016	2347-4637	National
12 3	E-Commerce: Growth Prospect in India	Indhumathi.G	Commerce	A Journal of Intercontinental Management Research Consortium	5, 2 & 325-328	February 2017	23471670	National
12 4	Synthesis and Characterization of Cadmium Selenide (CdSe) and Zinc Selenide (ZnSe) Nanoparticles by solid state Reaction Method	K. Prabha, M. Hidaya Nasrin, T. Amutha, M. Rameshbabu	Physics	International Journal for Research in Science Engineering and Technology	Volume 3, Special Issue, 24-28	Oct-2016	2394-739X	National
12 5	Synthesis and Characterization of Copper (Cu) doped Zinc Sulfide (ZnS) Nanoparticles by Chemical Precipitation method	K. Prabha, T. Amutha, X. Arockia Shamli, M. Rameshbabu	Physics	International Journal for Research in Science Engineering and Technology	Volume 3, Special Issue, 01-05	Oct-2016	2394-739X	National

126	Structural, Optical and SEM studies of Nickel doped Tin oxide (SnO <sub>2</sub> ) nanoparticles synthesized via Co-Precipitation methods	T. Amutha, M. Vidhya, M. Rameshbabu, K. Prabha	Physics	International Journal of Latest Research in Engineering and Technology	108-111	November-2016	2454-5031	National
127	An exclusive research on health and wealth of scheduled tribes at Kodaikanal	Dr.R.Poornima rani	Commerce	Tactful management	Vol-4,issue -11	August 2016	2319-7943	National

#### 3.4 Details on research publications - Non-Peer Review Journals

Sl. No.	Title of Paper	Name of the Authors	Department	Name of Journal	Vol., Issue, Page No.	Month & Year of publication	ISSN Number	International / National / State / Local
1	Synthesis and Photoluminescence Property of Bentonite Doped Zinc Oxide Nanoparticles	R. Parimaladevi I. Suganya	Physics	International Journal of Materials Science and Engineering	4,2, 133-138.	June 2016	2315-4527	International
2	Effect of potassium on structural, photocatalytic and antibacterial activities of ZnO nanoparticles	R. Bhaviya Raj, M. Umadevi, V. Poornima Parvathi, R. Parimaladevi	Physics	Adv.Nat.Sci.: Nanosci. Nanotechol.	7 045008-045014	Nov.2016	2043-6262	International
3	Screening effective and persisting	Usha Raja Nanthini A,	Biotechnology	International journal of	Pg.no. 38	2017	2394-5532	International



	essential oils against fungi deteriorating palmleaf products.	Illakkiam D, Karpakavalli M		applied and pure science and agriculture.				
4	Natural pigments in osmetic-Past to Present	K. Suganya, P.S preethi, M.Suganya, A.Usha Rajananthini	Biotechnology	International journal of Pharmaceutical sciences and Business Management.	Vol.4 Issue 6 Pg. 7-14	June 2016	2310-6913	International
5	Metal nanoparticles-Past to present	K. Suganya, P.S preethi, M.Suganya, A.Usha Rajananthini	Biotechnology	International journal of Pharmaceutical sciences and Business Management.	Vol.4 Issue 6 Pg.1-6	June 2016	2310-6913	International
6	Suggestions to stop violence Against women Special reference with Sexual Harassment :A study	Dr.S.Meena priya dharshini	Women's Studies	Asian Journal of Innovative Research	vol: 2,	April 2017.	2455 7285	International
7	Violence Against Women in India Harman Publications	Dr.S.Meena priya dharshini	Women's Studies	Asian Journal of Innovative Research,	vol: 2,	April 2017	2455 7285	International
8	Evaluation of Performance Appraisal System adopted in Self-Financing Arts and Science College in Thanjavur District	G. Aarthi, Dr. AL. Malliga	Management Studies	International Journal of Management, IT & Engineering	Vol-VII, Issue-12, Pg-189	Dec,17	2249-0558	International

9	Efficiency of Cloud Computing based E-Learning System	J. Ashley Judith, Dr. S. Hannah Sharon	Management Studies	Intl. Jl. of Advanced Computer Applications	Vol-IV, Issue-1, Pg-21	Dec,16	2231-251X	International
10	Big Data and Knowledge Management- Conceptual Significance	V. Nagavalli, Dr. A. Geetha	Management Studies	Pezzottaite Journal	Vol-V, No-3, Pg-2720 to 2728	Sep,16	2319-9059	International
11	Managing Knowledge with knowledge workers in modern era	V. Nagavalli, Dr. A. Geetha	Management Studies	Intercontinental Management Research Review	Vol-IV, Issue-4, Special Edition	Sep,16	2320-9707	International
12	Characterisation Of Terminalia Bellerica And Its Antibacterial Activity On Nonwoven Fabrics	Dr.G.Manonmani	Home Science	Shanlax International Journal of Arts, Science and Humanities	Vol.-4, special Issue,-1 Page No.157-164	January 2017	2321-788x	International
13	Innovation Leadership	Dr.R.Rathidevi	Management Studies	International Journal of Business Intelligence & Innovations	Issue 4, pg.no.358 to 363	Feb. 2017	ISSN 2348 4705	International
14	Development of low resistance Thermal Interface Material(TIM) using nanomaterials	S. Uma Maheshwari	Physics	International Journal of Engineering Science Invention	39-46.	March 2017	2319 – 6726	International
15	Effectiveness of ICT Modules in	Dr.A.BlessingMary	Education	Glacier Journal of Scientific	Vol. I, Issue – I,	Nov. 2016	2349-8498	National

	Teaching Philosophy.			Research	P.No. 6 – 10			
16	Effectual training and development for teachers	G. Aarthi, Dr. AL. Malliga	Management Studies	Nehru International of Management and Research	Vol-I, Issue-16, pg-33	Feb,17	2230-7974	National
17	Empowerment through Maternal Health care and Birth control	Dr.P.N.Premalatha	History and Tourism	Women Liberation and Empowerment	pp.51-54	2016		National
18	Intrinsic & Extrinsic Factors acting “Impulsive Buying Behaviour”	R.Padmavathi	Commerce	Nehru Journal of Management Research	Volume 1, Issue 16,11	February 2017	81-86520-27-9	National

### 3.4 Details on research publications - e- Journals

Sl. No.	Title of Paper	Name of the Authors	Department	Name of Journal	Vol., Issue, Page No.	Month & Year of publication	ISSN Number	International / National / State / Local
1	Evolution of Medical Education among women in Tamil Nadu during the colonial Period (India)	Dr.P.N.Premalatha	History and Tourism	International Journal of Advanced and Innovative Research	Vol 6 Issue 5 pp.84-89		2278-7844	International
2	Effective Treatment of Dyeing Effluent by using	Dr.C.Thamarai Selvi	Biotechnology	Indian Journal Of Natural Sciences	Vol.7 / Issue 37-11468-11473	August-2016	0976 – 0997	International

	Chemical Coagulants							
3	Phyllanthus Emblica Wood An Effective Bio - Resource For Potable Water Softening	Dr.C.Thamarai Selvi	Biotechnology	International Journal of Current Research	Vol. 8, Issue, 07	July- 2016	0975-833X.	International
4	A Survey on Data Deduplication on Cloud Storage	Dr.M.PushpaRani	Computer Science	International Journal of Advanced Computer Applications,	Vol VI, Issue I, Page No:13	December 2016	2158-107X	International
5	Routing Protocol and Related Attacks in Manet-A Survey	Dr.M.PushpaRani	Computer Science	Shanlax International Journal of Arts, Science and Humanities	Vol-4, Issue-1, Page No:108	September 2016	2321-788X	International
6	Health Care Using Smart Watches	Dr.M.PushpaRani	Computer Science	Shanlax International Journal of Arts, Science & Humanities	Vol-4, Issue-1, Page No:117	September 2016	2321-788X	International
7	Security Analysis in Cloud Computing with Big Data	Dr.M.PushpaRani	Computer Science	Shanlax International Journal of Arts, Science and Humanities	Vol-4, Issue-1, Page No:123	September 2016	2321-788X	International
8	Nano-computers as Promising	Dr.M.PushpaRani	Computer Science	Shanlax International Journal of Arts,	Vol-4, Issue-1, Page No:139	September 2016	2321-788X	International

	Tool for Diagnosis and Treatment of Cancer			Science and Humanities				
9	Analysing on Multi Modal Biometric Framework With Iris and Fingerprint Image	Dr.M.PushpaRani	Computer Science	Shanlax International Journal of Arts, Science and Humanities	Vol-4, Issue-1, Page No:165	September 2016	2321-788X	International
10	Automatic door opening using gait Identification for movement as gesture	Dr.M.PushpaRani	Computer Science	International Journal Engineering and Technology	Vol 4,issue 1, Pg 132-140	August 2016	2251-3701	International
11	A Secured Image Transmission Using Videos	Dr.M.PushpaRani	Computer Science	International Journal of Advanced Research in Computer Science	Vol-8, and Issue-3, Page No:1140	April 2017	0976-5697	International
12	Preparation and analysis of value added health mix using germinated millets flour and corn silk (functional food) for	Madhangi sakthivel, Geethanjali Santhanam	Home science	International Journal of Advanced Research in Engineering technology and science,	Volume:3 Issue:12	2016 (December),	2394-2819	International

	diabetic patients							
13	Development and formulation of instant soup mix from sprouted horse gram and radish leaves	Madhangi sakthivel, Geethanjali Santhanam	Home science	International Journal of Home Science,	2017; 3(1): 346-349	2017 :3	2395-7476	International
14	Development and analysis and standardization of ready to cook horse gram idly mix powder,	Madhangi sakthivel, Geethanjali Santhanam	Home science	International Journal of Home Science,	(1):304-308	2017 :3	2395-7476	International
15	The Dispute Between Tradition And Modernity in Bharathi Mukherjee's Novels	Ms.A.Rajalakshmi	English	World Journal of Science and Research	114	April 2017	2455-2208	International
16	Transformation in the Character of Anupama in Mahashweta by Sutha Murty	Dr.A. Muthu Meena Losini	English	Imperial Journal of Interdisciplinary Research	Vol.2, Issue 11, P:1830-1832	2016	2454-1362	International
17	The Phoenix in the Fiery Furnace of Hell	Dr.A. Muthu Meena Losini	English	World Journal of Science and Research	Vol. 2, Issue 1, P: 110-113	April, 2017.	2455-2208	International

18	Child Labour and Education	Dr.A. Muthu Meena Losini	English	Indian Scholar - An International Multidisciplinary E-Journal	Vol.2, Iss.4, 117-122	June 2016	2350-109X	International
19	Routing Protocol and Related Attacks in Manet-A Survey	Dr.M.PushpaRani	CS	Conference on Ambient Computing Technologies, Fatima College	Vol-4, Issue-1,Page No:162-170	September 2016	2321-788X	National
20	Security Analysis in Cloud Computing with Big Data	Dr.M.PushpaRani	CS	Conference on Ambient Computing Technologies, Fatima College	Vol-4, Issue-1,Page:130	September 2016	2321-788X	National
21	Multi Model Tracking Healthwise using in Smart Watches	Dr.M.PushpaRani	CS	Conference on Ambient Computing Technologies, Fatima College	Vol-4, Issue-1,Page No:140-148	September 2016	2321-788X	National
22	Nano-computers as Promising Tool for Diagnosis and Treatment of Cancer	Dr.M.PushpaRani	CS	Conference on Ambient Computing Technologies, Fatima College	Vol-4, Issue-1,Page No:139	September 2016	2321-788X	National
23	Utilization of E- Resources and Services by the Users of Mother Teresa Women"s	Dr.P. Sembianmadevi	Library	SELP Journal of Social Science	Vol.6 No.30	July – September 2016	0975-9999	National

	University : A Study							
24	Indexing of Internet based Resources	Dr.P. Sembianmadevi	Library	SELP Journal of Social Science	Vol.6 No.30	July – September 2016	0975-9999	National

#### 3.4 Details on research publications - Conference proceedings

Sl. No.	Title of Paper	Name of the Authors	Department	Title of the Conference Proceeding	Name of the Publisher	Vol., Issue, Page No.	Month & Year of publication	ISBN Number	International / National / State / Local
1	Dermoscopy Analysis For Automatic Skin Cancer Detection	Dr.M.PushpaRani	CS	Conference on Digital India-The Unfolding Opportunities & Challenges	Vivekanandha Institute of information and management studies	Volume -1, Page No-14	March 2017	978-9385977-88-6	International
2	Examining Various Edge Detection Techniques for Iris Recognition	Dr.M.PushpaRani	CS	Conference on Digital India-The Unfolding Opportunities & Challenges	Vivekanandha Institute of information and management studies	Volume -1, Page No-6	March 2017	ISBN NO-978-9385977-88-6	International
3	A Study on Encryption Techniques in Cloud Computing	Dr.M.PushpaRani	CS	Conference on Digital India-The Unfolding Opportunities & Challenges	Vivekanandha Institute of information and management studies	Volume -1, Page No-10	March 2017	ISBN NO-978-9385977-88-6	International
4	Spam Detection and Filtering using Structure	Dr.M.PushpaRani	CS	Conference on Digital India-The Unfolding	Vivekanandha Institute of information	Volume -2, Page	March 2017	978-9385977-88-6	International



	Abstraction Generation			Opportunities & Challenges	and management studies	No-15			
5	Statistical, Energy values and Peak Analysis (SEP) approach for detection of Neurodegenerative Diseases	Dr.M.PushpaRani	Computer Science	International Journal of Modern Engineering Research,		Vol.7, issue 3, Ver.1, Page No:61	March 2017	978-1-5090-5574-6	International
6	Multi model human authentication by matching 3D Skull and Gait	Dr.M.PushpaRani	Computer Science	IEEE Explore		Vol - 1, Issue-1 Page 38-42	Feb 2017	978-1-5090-5573-9	International
7	Gait Classification for ADHD Children Using Modified Dual Tree Complex Wavelet Transform	Dr.M.PushpaRani	Computer Science	IEEE Explore		Vol - 1, Issue-1	Feb 2017	978-1-5090-5573-9	International
8	Authentication of Identical Twins Using Tri Modal Matching	Dr.M.PushpaRani	Computer Science	IEEE Explore		Vol - 1, Issue-1	Feb 2017	978-1-5090-5573-9	International
9	Multimodal human Authentication For Matching with 3D Skull	Dr.M.PushpaRani	Computer Science	IEEE Explore		Vol - 1, Issue-1	Feb 2017	978-1-5090-5573-9	International

	and Face Image using ECCCA								
10	SEP approach for detection of neurodegenerative diseases	Dr.M.PushpaRani	Computer Science	IEEE Explorer		Vol - 1, Issue-1	Feb 2017	978-1-5090-5573-9	International
11	Prevalence of type 2 diabetes mellitus and associated risk factors in Virudhunagar District,	Madhangisakthivel, Geethanjali Santhanam	Home Science	International Journal of Advanced Research in Engineering technology and science,		Volume :3 Issue:10,	2016 (October)	2394-2819	International
12	Lessen Database Scanning towards Hiding Sensitive Data based on Binary Search Approach	Dr.K.Kavitha	Comp. Sci.	Conference on Advancements in Computer Resources	Alagappa University	Volume 5 Issue 1 No.17	15 <sup>th</sup> Feb 2017	ISSN: 2348-6600	International
13	Review on Secure Mobile Cloud Storage through Encryption algorithm	Dr.K.Kavitha	Comp. Sci.	Conference on Digital India- the Unfolding opportunities & Challenges,	Vivekanandha Institute of Information and Management Studies	Page No. 30-34	2 <sup>rd</sup> March 2017	ISBN:938597788-1	International
14	Sustainability of Logistics Industry in India	Dr.D.Ramani	Commerce	Sustainability for Business: Initiatives, Ideas and Challenges	Mother Teresa Women's University, Kodaikanal	Vol.I, 1-10	September 2016	81-86520-27-9,	International
15	Talent Management of	Dr.D.Ramani	Commerce	Sustainability for Business:	Mother Teresa Women's	Vol.I, 251-	September 2016	81-86520-27-9,	International

	Academic Staff in Higher Education for Sustainable Development in Bengaluru			Initiatives, Ideas and Challenges	University, Kodaikanal	258			
16	Sustainable and Responsible Investing	G.Indhumathi	Commerce	Sustainability for Business: Initiatives, Ideas and Challenges	Mother Teresa Women's University, Kodaikanal	Vol.II, 19-24	September 2016	81-86520-27-9,	International
17	An empirical study on sustainable growth in selective Ethical Mutual Funds in India	G.Indhumathi	Commerce	Sustainability for Business: Initiatives, Ideas and Challenges	Mother Teresa Women's University, Kodaikanal	Vol.II, 71-76	September 2016	81-86520-27-9,	International
18	A study on Savings and Investment Decisions of Working women in Bangalore	G.Indhumathi	Commerce	Sustainability for Business: Initiatives, Ideas and Challenges	Mother Teresa Women's University, Kodaikanal	Vol.I, 21-34	September 2016	81-86520-27-9,	International
19	Role of Technology in driving Financial Inclusion	G.Indhumathi	Commerce	Recent Trends in Management and Computer Applications	Shanlax Publications, Madurai	244-247	2017	978-93-85977-88-6	International
20	The impact of Cross Border Merger and Acquisitions on the Financial	G.Indhumathi	Commerce	Emerging Global Trends in Accounting & Finance	Jain University Press, Bangalore	164-169	February 2017	978-93-85327-26-1	International

	Performance of Bharti Airtel								
21	Merger and Acquisition in Indian Company 2016: An Overview	G.Indhumathi	Commerce	Emerging Global Trends in Accounting & Finance	Jain University Press, Bangalore	350-356	February 2017	978-93-85327-26-1	International
22	Investors' perception towards Mutual Funds as an Investment opinion	G.Indhumathi	Commerce	Emerging Global Trends in Accounting & Finance	Jain University Press, Bangalore	388-391	February 2017	978-93-85327-26-1	International
23	Effect of Saving and Investment pattern of Women with effect to gender inequality with special reference to Bangalore City	G.Indhumathi	Commerce	Emerging Global Trends in Accounting & Finance	Jain University Press, Bangalore	630-643	February 2017	978-93-85327-26-1	International
24	Using Tacit Knowledge as an Effective Tool for LIS Professionals : A Conceptual Analysis	Dr.P. Sembianma devi	Library	Knowledge Resources and Library Technologies	Department of Library and Information Science, Bharathidasan University, Thiruchirappalli	Pg. 23-27	2017	978-93-85399-86-2	International
25	Marketing Strategy for Information products and	Dr.P. Sembianma devi	Library	Knowledge Resources and Library Technologies	Dept. of Library & Information Science,	Pg. 101-102	2017	978-93-85399-86-2	International

	Services : An Overview				Bharathidasan University, Trichy				
26	The Impact of Public Libraries on Tourism : An Introspection	Dr.P. Sembianma devi	Library	Knowledge Resources and Library Technologies	Dept. of Library& Information Science, Bharathidasan University, Trichy	Pg.222 5-227	2017	978-93-85399-86-2	International
27	Developing Readings Habits in an Academic Library : A Case Study	Dr. P. Sembianma devi	Library	Knowledge Resources and Library Technologies	Dept. of Library& Information Science, Bharathidasan University, Trichy	Pg.275-279	2017	978-93-85399-86-2	International
28	Indian Copyright Law Issues in the Web Technology Era	Dr. P. Sembianma devi	Library	Knowledge Resources and Library Technologies	Department of Library and Information Science, Bharathidasan University, Thiruchirappalli	Pg. 640-644	2017	978-93-85399-86-2	International
29	A Survey on Sniffing Attacks on Computer Networks	S.Vimala	Computer Science	Conference on Engineering and Technology	Dept. of Library& Information Science, Bharathidasan University, Trichy	pp. 751-755	Dec. 2016		International
30	Impact on E-	Dr.R.Rathid	MBA	Conference on	Shanlax	Vol.3,	2017	978-93-	International

	Learning in Education	evi		Recent Trends in Management & Computer Applications	Publications	p.67- 76		85977-88-6	al
31	A Study on selected Small scale Industries with reference to Kanchipuram District	Dr.R.Rathid evi	MBA	Conference on Recent Trends in Management & Computer Applications	Shanlax Publications	Vol.3,14 4- 149	2017	978-93-85977-88-6	International
32	Children in Ruskin Bond's Select Short Stories	Dr.A. Muthu Meena Losini	English	Modern Literature in English Since 1980		Vol. 1, Issue 1, P: 116-123	March, 2017.	978-81-934413-0-5	International
33	Vanadyl Complexes of Schiff bases derived from Isatin and Amino acids: Synthesis, Characterization and Antibacterial studies	S. Jose Kavitha	Chemistry	Conference on ABCPS-2017, Anna University, Trichy			March, 2017		International
34	Vanadyl Complexes of Schiff bases derived from Isatin and Amino acids: Synthesis, Characterization and Antibacterial studies,	Madhukar Hemamalin i	Chemistry	Conference on ABCPS-2017, Anna University, Trichy			March, 2017		International
35	Corporate to	Dr.S.Valli	Commer	Make in India-		P.No	August	978-93-81-	National

	Adopt E Governance-,	Devasena	ce	Initiatives, Ideas & Challenges		259-261	2016	723-54-8,	
36	Education Vs Factors towards Empowerment	Dr.S.Valli Devasena	Commer ce	Gender Parity& Employability		216-221	Feb 2017	97880865202 95	National
37	An opinion Analysis on Technology Oriented Banking Services	Dr.S.Valli Devasena	Commer ce	Recent Trends in Management and Computer Applications		Vol. I, P.No 238-243	March 2017	97893859778 86	National
38	Interpersonal Skills-An Analysis on Entrepreneurship Trait-	Dr.S.Valli Devasena	Commer ce	Startup India- A way to Standup India-		P.No 20-26	March 2017	978 9381723678	National
39	Synthesis and Characteriation of Lead Sulfide nanoparticles	L.Kunguma devi	Physics	Proceedings of the National conference on Preparation and Characterizatio n of crystalline materials			Aug 2016	978-81-931566-1-2	National
40	Universal Design of Learning in Inclusive Set up	Dr.C. Renuga Devi	Educatio n	Summit 2017 Inclusion - Means or End	Bonfring, Coimbatore	Pp. 131-134	Jan 2017	978-93-86176-50-9	National
41	Effect of Art and Craft on Developing Pre-Academic Skills of Children with Mild Intellectual Disability	Dr.C. Renuga Devi	Educatio n	National Summit 2017 Inclusion - Means or End	Bonfring Coimbatore	PP 160-163	Jan 2017	978-93-86176-50-9	National

42	Early Intervention for Mainstream Education	Dr.C. Renuga Devi	Educatio n	New Trends in Teacher Education - Pedagogical, Didactical, Curriculum Design & Technological Innovations	Department of Education, Alagappa University, Karaikudi	Vol.I Pp.48-50	2017	978-93-5268-151-8	National
43	Remediating Spelling Errors of Students with Dyslexia through Visual Drill Method	Dr.C. Renuga Devi	Educatio n	Educating Dyslexic Children	V.O.Chidambaram College of Education, Thoothukudi	PP. 140-145	2017	978-81-920761-4-0.	National
44	Applications of Systems approach in Teacher Education	Dr.T.S.Reena Ruby	Educatio n	Conference on Trends in Teacher Education: Pedagogical, didactical, curriculum design and technological innovations	Alagappa University	Vol I Pg: 112	Februrar y 2017	935268151	National
45	Study on Empowerment of Disabled Women through Government Welfare schemes and Empowering Strategies	Dr.K.Kavitha	Comp. Sci.	Conference on Gender parity and Women Employability in Present Scenario,	Mother Teresa Women's university	Page No. 74-78	3 <sup>rd</sup> Feb 2017	ISBN: 978-80-86520-29-5	National



	through ICT								
46	Improvising Women safety through mart Technologies	Dr.K.Kavitha	Comp. Sci.	Conference on Women against Violence	Mother Teresa Women's University	Page No. 71-73	7 <sup>th</sup> April 2017	ISSN: 2455 7285	National
47	Dynamic and Secure Duplication towards Encrypted Data in Big Data Cloud Service	Dr.K.Kavitha	Comp. Sci.	Conference on Emerging Trends in Computing organized by Department of Computer science	Alagappa University on published in International Journal of Engineering and Technology ,	Vol 9 issue 5	13 <sup>TH</sup> March 2017	ISSN : 0975-4024 p-ISSN : 2319-8613	National
48	Evaluation of tannin content in fox tail millet enriched mascadine grape squash	Geethanjali Santhanam	Home science	Emerging trends in exploring phytochemicals & bio molecules for disease cure				978-93-5291-722-8	National
49	Formulation, nutritional and phytochemical analysis of value added health mix using germinated millets and corn silk (Functional food) for diabetic patients	Geethanjali Santhanam	Home science	Emerging trends in exploring phytochemicals and bio molecules for disease cure				978-93-5291-722-8	National
50	Importance of breakfast among adolescent girls	Geethanjali santhanam	Home science	Women issues in the digital era				ISBN:81-86520-32-5	National
51	Under nutrition	Geethanjali	Home	Women issues				ISBN:81-	National

	prevalence among school children from slum area	santhanam	science	in the digital era				86520-32-5	
52	Gender Disparity in India	G.Indhumathi	Commerce	Gender Parity and Employability	Mother Teresa Women's University, Kodaikanal	42-46	February 2017	978-80-86520-29-5	National
53	Synthesis and Characterization of Pure and Ni doped Tin oxide nanoparticles	K. Prabha, T. Amutha, M. Vidhya, M. Rameshbabu	Physics	Conference on Preparation and Characterization of Crystalline Materials	JACS Directory, Research Journals and Books Publishing Group		August-2016	978-81-931566-1-2	National
54	An impact of smart phones on consumer Behaviour: A Study	R.Padmavathi	Commerce	Sustainability for Business: Initiatives, Ideas & Challenges	MTW University, Kodaikanal	83-94	September 2016	81-86520-27-9	National
55	A Study on Rural Women entrepreneurs in Thiruvallur District	Dr.R.Rathidevi	Management	Paradigms in Management and Entrepreneurship Book	Dr.Gibson G.Vedamani AIMED	Pg.no.359 to 370	Nov.2016	978-93-5267-587-6	National
56	The Flowers in the Garland of Shakespeare	Dr.A. Muthu Meena Losini	English	Shakespeare Forever		Vol. 1, Issue 1, P: 11-21	Feb, 2017.	978-93-84193-78-2	State

**Annexure – IV****3.7 No. of books published - Books with ISBN**

Sl. No.	Name of the Authors	Department	Title of the Book published	Name of the Publisher	National / International / Local	ISBN/ISSN number	Month & Year of publication
1	Dr.L.Kungumadevi S.Bhuvana	Physics	Engineering Physics – I, 3 <sup>rd</sup> Edition	RK Publishers	National	978-93-84295-32-5	June 2016
2	Valli Gurusamy, Kavitha Valampuri John,A. Usha RajaNaanthini, Ramani bai Ravichndran	Biotechnology	Biotechnology for sustainability	AIMST university	International	978-967-14475-2-9	2017
3	Dr.A.BlessingMary	Education	Social Media Education and Sustainable Development		Local	978-81-929631-3-6	June 2016
4	Dr.M.P.Indra Gandhi, S.Sharmila	Computer Science	Heart Disease Prediction Using Data Mining Techniques – Comparative Study	Conference on Computational Methods, Communication Techniques and Informatics	National	978-81-933316-1-3	27 <sup>th</sup> & 28 <sup>th</sup> January 2017
5	Dr.M.P.Indra Gandhi, B.Thilagavathi	Computer Science	Development of a Computer Aided Software Engineering – A Literature Survey	IT Skills Show & Conference on Advancements in Computing Resources	International	978-81-8402-673-3	15 <sup>th</sup> & 16 <sup>th</sup> February, 2017
6	Dr.M.P.Indra Gandhi, S.Sharmila	Computer Science	Enhanced Heart Disease Prediction using Genetic Algorithm	Conference on Advances in Science, Engineering & Technology	International	978-81-904760-9-6	24 <sup>th</sup> April 2017

7	Dr.M.P.Indra Gandhi, B.Thilagavathi	Computer Science	Region Based Image Segmentation for Plant Leaf	Conference on Advances in Science, Engineering & Technology	International	978-81- 904760-9-6	24 <sup>th</sup> April 2017
8	Dr.S.Meena priya dharshini	Women's Studies	Voices of Indian Women writers in English	Harman publication	National	978-03- 84008-20-8.	May 2017
9	Dr.G.Valli Dr.S.P.Denisia Dr.S.Meena priya dharshini	Women's Studies	Gender Parity and Employability,	Mother Teresa Women's University Publications,	National	978-81- 86520-29-5	May 17
10	Dr.S.Kavitha	Home Science	Fashion Drawing - Basic Techniques and Practices	Laser Park Publishing House	National	978-93-84- 234-74-4	Dec 2016
11	Dr.S.Kavitha	Home Science	Apparel, Made- Ups and Home Furnishing (Level 2 Class 10)	PSS Central Institute of Vocational Education, Bhopal	National	978-93- 84234-70-6	March 2017
12	Dr.S.Kavitha	Home Science	Apparel, Made- Ups and Home Furnishing (Elective Module for PGD in Vocational Education)	PSS Central Institute of Vocational Education, Bhopal.	National	978-93- 84234-70-6	2016

### 3.7 No. of books published - Books without ISBN

Sl. No.	Name of the Authors	Department	Title of the Book published	Name of the Publisher	National / International / Local	Month & Year of publication
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1	Dr.S.P.Denisia	Women's Studies	Laws Pertaining to Violence against Women and Children			
2	Dr.S.P.Denisia	Women's Studies	Social Audit on Mid- Day Meal Scheme			

3.7 No. of books published - Chapters in Edited Book (Not covered in Conference Proceedings)

Sl. No.	Name of the Authors	Department	Title of the Chapter	Title of the Book published	Name of the Publisher	National / International / Local	ISBN/ISSN number	Month & Year of publication
1	Valli.G, Kavitha V.J,A. Usha RajaNaanthini, Ramani bai R	Biotechnology	Traditional Medicine of the tribes in Tamil Nadu and its sustainable use through Biotechnology	Biotechnology for sustainability	AIMST university	international	978-967-14475-2-9	2017
2	Dr.K..Bindhu	Education	Social media Education and sustainable development	Donisha publisher	Dr.Mary Usha	National	978-81-929631-3-6	June 2016
3	Dr.T.S.Reena Ruby	Education	Fundamentals of ICT in Education	Fundamentals of ICT in Education	Lulu Publication, US	International	978-1-329-96743-4	2016
4	Dr.T.S.Reena Ruby	Education	Humanistic Approach	Personality	Lulu Publication, US	International	978-1-329-99796-7	2016
5	Dr.P.B. Beulahbel Bency	Education	Induction of Environmental Knowledge by Teachers Through Environmental Education	Environmental Education in India : Through the Ages		National	978-93-85503-68-9	March 2017

6	S. Susila, Dr. AL. Malliga	Management Studies	Channels cost and its impact on e-logistics	Recent Trends in Mgt. & Computer Applications	Shanlax Publications	International	978-93-85977-88-6	Mar,17
7	V. Santhanalakshmi, Dr. AL. Malliga	Management Studies	Role of ICT in Women Empowerment	Recent Trends in Mgt. & Computer Applications	Shanlax Publications	International	978-93-85977-88-6	Mar,17
8	S. Akilandeswari, Dr. AL. Malliga	Management Studies	Risk Management Principles for E-Banking- An Overview	Recent Trends in Mgt. & Computer Applications	Shanlax Publications	International	978-93-85977-88-6	Mar,17
9	G. Aarthi, Dr. AL. Malliga	Management Studies	E-Recruitment in Educational Institutions	Recent Trends in Mgt. & Computer Applications	Shanlax Publications	International	978-93-85977-88-6	Mar,17
10	A.Stella Elizabeth, Dr. AL. Malliga	Management Studies	Impact of Computer induced Health Problems in IT Profession	Recent Trends in Mgt. & Computer Applications	Shanlax Publications	International	978-93-85977-88-6	Mar,17
11	Chaitra S. Hiremath, Dr. AL. Malliga	Management Studies	Marketing Information System - Implementation & Implications among small enterprises	Recent Trends in Management and Computer Applications	Shanlax Publications	International	978-93-85977-88-6	Mar,17
12	Dr. AL. Malliga	Management Studies	Changing needs in Special Education	Recent Trends in Special Education	Dr. Mohan Educational Publications	National	978-81-920462-1-7	Nov**16

**Annexure – V**

## No. of conferences organized by the Institution

Sl. No.	Name of the Organizing Secretary	Name of the Departments	Conference / Seminar / Workshop	Title of the Conference	National / International / State / University / College	Sponsoring Agency	Date of the Conference	Number of Participants
1	Dr.L.Kungumadevi	Physics	Seminar	Nanoscience and Technology	International	-	20.9.16	200
2	Dr.K. Prabha	Physics	Seminar	Materials Science and Application	International	-----	25.11.2016	110
3	Dr.M.P.Indiragandhi	CS	Conference	Image processing using MATLab	International		6,7 August 2016	70
4	Dr. M.Pushpa Rani	Computer Science	Workshop	Image processing using MATLAB	International	-	6 -7 Oct. 2016	
5	Dr.S.Valli Devasena	Commerce	Conference	Sustainability for Business: Initiatives, Ideas and Challenges	International	-	1 <sup>st</sup> September 2016	300
6	Dr.S.Valli Devasena	Commerce	Seminar	New Fangled Approaches in HRM	International	-	18 <sup>th</sup> January 2017	200
7	Dr.S.Valli Devasena	Commerce	Seminar	Application of Accounting in Research	International	-	15 <sup>th</sup> March 2017	250
8	Dr. A. Geetha, Dr. AL. Malliga	Management Studies	Conference	Digital India- The unfolding opportunities and challenges	International	VIIMS	2,3 March 2017	
9	Dr. A. Geetha, Dr. S. Hannah Sharon, Dr. AL. Malliga	Management Studies	Conference	Women Leadership and Holistic Development	International	ARC	3 Apr 2017	120

10	Dr. A. Muthu Meena Losini	English	Conference	Motivation Talk	International	-	26.10.2016	125
11	Dr.Thamaraiselvi & Dr.M.Razia	Environment & Conservation cell, MTWU & Dept. of Economics	Conference	Ozone Layer Depletion & Conservation-Issues and Challenges	National	-	16.9.2016	250
12	Dr. UshaRaja Nanthini	Biotechnology	Conference	Emerging trend in Biotechnology research and commercialisation	National	-	2 November 2016	
13	Dr. UshaRaja Nanthini	Biotechnology	Workshop	Workshop cum exhibition on mushroom identification, taxonomy, toxins and products.	National	MTWU Incubation and Technology Transfer centre.	8-9 <sup>th</sup> September 2016	
14	Dr.C.Renuga Devi	Education	Symposium	Curriculum Transaction in Inclusive set up	National	MTWU, Kodaikanal	18.03.17	47
15	Dr.S.Meena priya dharshini	Women's Studies	Seminar	Gender Parity and Women Employability in Present scenario	National		3 <sup>rd</sup> February 2017.	
16	Dr.S.Meena priya dharshini & Dr.K.Kavitha	DCWS & computer Science	Conference	WAV: Therapy for VAW at Madurai	National	ICSSR	07-04-2017	175
17	Dr. A. Geetha	Management Studies	Seminar National	Capital Markets and Mutual Funds	National	NISM Birla Sun Life Stratadigm	19 Sep 2016	350
18	Dr. S. Hannah Sharon	Management Studies	Seminar National	Strengthening Values and Ethics for	National	UGC XII Plan	22 Mar 2017	120



				Business Excellence				
19	Ms.A.Rajalakshmi	English	Seminar	Feminism And The Novel	National		October 21, 2016	245
20	Dr. A. Muthu Meena Losini	English	Seminar	Women in Shakespeare a Rereading	National	-	25 <sup>th</sup> January, 2017.	400
21	Dr.A.Rajam	Physical Education	Workshop	Yoga for Healthy Living	National	University	21 March 2017	200
22	S. Jose Kavitha M. Hemamalini	Chemistry	Symposium	Recent Advances in Chemical Sciences	National	Royal Society of chemistry-South India	23.09.2016	100
23	S. Jose Kavitha M. Hemamalini	Chemistry	Seminar	Job Avenues in Chemical and Pharmaceutical Industries” – An Academy Industry Meet	National	UGC-University grant	27.03.2017	100
24	Dr S. Kavitha	Home Science	Seminar	Research and Publication – A New Perspective	State		14.03.2017	97
25	Dr.V.Jeyalakshmi	Tamil	Conference	Palanthamil Vilumiangaliai Meeteduthual	State	University	13.03.2017	350
26	Ms.A.Rajalakshmi	English	Inter-Collegiate Competition	Inter- Collegiate Competition	State		October 26, 2016	230
27	Dr.S.P.Denisia & Dr.S.Meena priya dharshini	DCWS	Workshop	Sanitation and Dissemination of SACOSAN-6 Declaration	State		23 August 2016.	200
28	Dr.K. Prabha	Physics	Workshop	Instrumentation Techniques	State		20.03.2017	75

29	Dr. A. Muthu Meena Losini	English	Seminar	Drama	State	-	29 <sup>th</sup> July, 2016.	120
30	Dr. A. Muthu Meena Losini	English	Workshop	Office Communication Skill	State	-	22 <sup>nd</sup> August, 2016.	120
31	Dr. A. Muthu Meena Losini	English	Workshop	Office Communication Sequel	State	-	31 <sup>st</sup> , October, 2016.	125
32	Dr. A. Muthu Meena Losini	English	Seminar	Comparative Literature	State	-	13 <sup>th</sup> Feb 2017.	125
33	Dr. A. Muthu Meena Losini	English	Seminar	Youth Today	State	-	28 <sup>th</sup> March, 2017.	125
34	Dr S. Kavitha	Home Science	Workshop	Nourishing recipes for Healthy Life	University		23.09.2016	30
35	Dr. A. Muthu Meena Losini	English	Talentia	Show Us Your Talent	College	-	27 <sup>th</sup> July, 2016.	60
36	Dr. A. Muthu Meena Losini	English	Workshop	Research Methodology	College	-	29 <sup>th</sup> Sept. 2016.	125
37	Dr. A. Muthu Meena Losini	English	Workshop	Phonetics and Phonology	College	-	24 <sup>th</sup> -25 <sup>th</sup> Nov. 2016.	123
38	Dr.S.Meena priya dharshini & Dr.K.Kavitha	DCWS & computer Science	Workshop	Empowering Women Through Fabric paintings: Create your own style	College		25 <sup>th</sup> to 27 <sup>th</sup> November 2016	165

**Annexure – VI**

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

Sl. No.	Name of the Faculty	Department	Served as Expert / Chairperson / Resource Person	Title of the Event and Place	Date	International / National / State / University / Local
1.	Dr.P.N.Premalatha	History and Tourism	Member Coordinator	NAAC Peer Team, Indapur Taluka Shikshan Prasarak Mandal's College of Arts, Pune	1-2 Aug 2016	National
2.	Dr.P.N.Premalatha	History and Tourism	Member Coordinator	NAAC Peer Team, Banarsidas Chandiwala Institute of Hotel Management & Catering Technology, New Delhi.	15-17 Sep 2016	National
3.	Dr.P.N.Premalatha	History and Tourism	Member	NAAC Peer Team The University of Burdwan, Burdwan	20-22 Oct 2016	National
4.	Dr.P.N.Premalatha	History and Tourism	Member Coordinator	Markhan College of commerce, Barkagaon Road, Jharkhand	19-20 Jan 2017	National
5.	Dr.P.N.Premalatha	History and Tourism	Member Coordinator	NAAC Peer Team, Gauthama Buddha mahila College, Bihar	6-7 March 2017	National
6.	Dr.P.N.Premalatha	History and Tourism	Subject Expert	PhD Doctoral committee meeting, TNOU	13 <sup>th</sup> April 2017	State
7.	Dr.P.N.Premalatha	History and Tourism	Examiner	Ph.D viva voce examination, Quid-e-Millet college	3 April 2017	Local
8.	R. Parimaladevi	Physics	Resource Person	Conference on Advanced Materials for Power Engineering, Mahatma Gandhi University, Kottayam, Kerala	11-13 November 2016	International
9.	Dr. Usha Raja Nanthini	Biotechnology	Co-ordinator and member	Universal Brotherhood day, Tamilnadu	05.6.2017	State
10	Dr. Usha Raja Nanthini	Biotechnology	Judge	Intera Amrit Exhibition	22.10.2017	State
11	Dr.C. Renuga Devi	Education	Resource Person	Workshop for Special Educators, Dindigul	07.10.16	Local

12	Dr.C. Renuga Devi	Education	Resource Person	Curriculum Adaptation for children with MR at Primary level , SSA –Dindigul	04.01.17	Local
13	Dr.C. Renuga Devi	Education	Resource Person	Curriculum Adaptation for children with MR at Primary level, SSA –Kodaikanal	10.01.17	Local
14	Dr.C. Renuga Devi	Education	Resource Person	Curriculum Adaptation for Children with Multiple Disabilities, CSI College of Special Education, Madurai	17.03.17	National
15	Dr.C. Renuga Devi	Education	Expert	Expert Committee meeting for Curriculum designing of Integrated B.Ed & M.Ed Spl.Ed, Rehabilitation Council of India, New Delhi	27.03.17 to 30.03.17	National
16.	Dr.M.P.Indra Gandhi	Computer Science	Chair Person	Conference on Computational Methods, Communication Techniques and Informatics, Gandhigram Rural Institute, Gandhigram	28 <sup>th</sup> January 2017	Central University
17.	Dr.M.P.Indra Gandhi	Computer Science	Chair Person	Conference on Advances in Computer Science and Engineering, Government Science College, Bangaluru	16 <sup>th</sup> & 17 <sup>th</sup> February 2017	Karnataka State
18.	Dr.M.P.Indra Gandhi	Computer Science	Chair Person	Conference on Digital India – The Unfolding Opportunities and Challenges, Vivekanandha Institute of Information and Management Studies, Thiruchengode	2 <sup>nd</sup> & 3 <sup>rd</sup> March 2017	Tamil Nadu State
19	Dr.V.Selvi	Computer Science	Chair Person	Conference on Digital India –the unfolding opportunities	2 <sup>nd</sup> and 3 <sup>rd</sup> March 2017	International
20	Dr,SP.Denisia	DCWS	Resource	Seminar on Status and Progress	25 <sup>th</sup> July	National

			persons	of Development – De-Notified Nomadic, Tribal Women and Children in Tamilnadu	2016.	
21	Dr.SP.Denisia	DCWS	Resource person	Seminar on Gender parity and women employability in present scenario, MTWU, Kodaikanal	3 <sup>rd</sup> February 2017	National
22	Dr.S.Meena priya dharshini	DCWS	Resource person	Seminar on Gender parity and women employability in present scenario, MTWU, Kodaikanal	3 <sup>rd</sup> February 2017	National
23	Dr.S.Meena priya dharshini	DCWS	Resource person	Seminar on Women Rights and Empowerment at Kodaikanal	7 <sup>th</sup> July 2017	National
24	Dr.S.Meena priya dharshini	DCWS	Chair person	Conference on Women Issues in the Digital Era	30.11.2017	National
25	Dr.M.Pushpa Rani	Computer Science	Expert, Resource Person	2 <sup>nd</sup> World Congress on Computing and Communication Technology, ST Joseph's College, Trichy	Feb 2017	International
26	Dr.M.Pushpa Rani	Computer Science	Chair Person	2 <sup>nd</sup> World Congress on Computing and Communication Technology, St. Joseph's College, Trichy	Feb 2017	International
27	Dr.M.Pushpa Rani	Computer Science	Expert, Chair Person	Service Above Self, Azhagai Rajam Ramanathan Memorial Trust	Jan 2017	Regional
28	Dr.M.Pushpa Rani	Computer Science	Expert, Chair Person	Conference on New Horizons in Computer Science, J J College of Arts and Science pudukkokattoi	Jan 2017	National
29	Dr.M.Pushpa Rani	Computer Science	Expert, Chair Person	Seminar on Biometric Authentication, J.k.k Natraja College of Arts and Science, Namakkal	Feb 2017	National
30	Dr.D.Ramani	Commerce	External Examiner for	Manonmaniam Sundaranar University, Tirunelveli	26 <sup>th</sup> August 2016	University

			PhD Viva Voce			
31	Dr.D.Ramani	Commerce	External Examiner for PhD Viva Voce	Manonmaniam Sundaranar University, Tirunelveli	26.8.2016	University
32	Dr.D.Ramani	Commerce	External Examiner for PhD Viva Voce	Manonmaniam Sundaranar University, Tirunelveli	12.9.2016	University
33	Dr.D.Ramani	Commerce	External Examiner for PhD Viva Voce	Chikkanna Government Arts College, Tiruppur	19.1.2017	University
34	Dr.D.Ramani	Commerce	Chairperson	Conference on Women Empowerment, Sermathai Vasam College for Women, Madurai	30 <sup>th</sup> January, 2017	National
35	Dr.D.Ramani	Commerce	Special Address on „Education Scheme for Poor people“	NSS Special Camp, Mother Teresa Women’s University, Kodaikanal	16 <sup>th</sup> February 2017	University
36	Dr.D.Ramani	Commerce	Resource Person	Research Methodology Course for PhD. Students in Social Sciences, Alagappa University, Karaikudi	25 <sup>th</sup> April 2017	National
37	Dr S. Kavitha	Home Science	Expert	Development of Elective module for PG Diploma in Vocational, Education PSS Central Institute of Vocational Education, NCERT, Bhopal	27.6.2016 To 1.7.2016	National
38	Dr S. Kavitha	Home Science	Expert	Development of students workbook in the area of Apparel, Made ups and Home furnishings	13- 17.12.2016	National
39	Dr S. Kavitha	Home Science	Inspection committee member	Permanent affiliation, SAC Women’s College, Cumbum	9.1.2017	Local

40	Dr S. Kavitha	Home Science	Observer SET	SET center – Erode	22-23.4. 2017	Local
41	Dr G. Manonmani	Home Science	Chair person	QP setters board, Kongunadu arts and science college, Erode	6.7.2016	Local
42	Dr G. Manonmani	Home Science	Expert	Interview panel, Periyar University	20.2.2017	University
43	Dr G. Manonmani	Home Science	Expert	Board of Studies, SFR sivakasi college	12.4.2017	Local
44	Dr G. Manonmani	Home Science	Expert	Board of studies, VVV Vanniaperumal College for Women, Virudhunagar	19.5.2017	Local
45	Ms.A.Rajalakshmi	English	Chaired the Session	Women in Shakespeare, MTTWU, Kodaikanal	January 25, 2017	National
46	Dr.R.Poornima rani	Commerce	Resource person	Emerging trends in knowledge management, Dhanalakshmi Srinivasan College of Arts& Science, Perambalur	Feb 2017	National
47	D.Usha	Computer Science	Expert	Artificial Intelligence and Robotics	08.07.2016	Local
48	D.Usha	Computer Science	Chairperson	Digital India	2-3.03.2017	International
49	Dr.R.Rathidevi	MBA	Chairperson	Digital India-The unfolding Opportunities & Challenges, Thiruchencode	2-3.03.2017	International
50	Dr.R.Rathidevi	MBA	Chairperson	Women Leadership and Empowerment, Madurai	6.4.2017	International

**Annexure – VII**

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

Sl. No.	Name of the Awardee	Faculty / Research Fellow	Department	Name of the Research Award	Name of the Awarding Agency with contact details	Month and Year of Award	International / National / State / University / Dist / College
1	K.G.Ahila	JRF	Biotechnology	DST INSPIRE-IF130397	DST	June,2013	National
2.	A.Ancy jenifer	JRF	Biotechnology	DST INSPIRE-IF130847	DST	Nov.2013	National
3	Maheswari.C	RGNF	Biotechnology	RGNF	UGC	April 2015	National
4	Dr.M. Umadevi	Faculty	Physics	Excellent Article Award	The Chinese Society for Metals	2016	International



### Annexure – VIII

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

Sl. No.	Name of the Faculty	Department	Name of the PhD Research Scholar	Ongoing / Thesis Submitted	Month & Year of Registration
1	P.N.Premalatha	History and Tourism	C.Roocoumany		
2	P.N.Premalatha	History and Tourism	Nalini Sekaran		20/10/ 2011
3	P.N.Premalatha	History and Tourism	M.Kartiga		2014
4	P.N.Premalatha	History and Tourism	Namitha		
5	P.N.Premalatha	History and Tourism	Manisha Seal		13/2/2014
6	P.N.Premalatha	History and Tourism	R.Vimala		08-01-2013
7	Dr.K.C.Bindhu	Education	Ms.Manimegalai	Ongoing	Feb 2015
8	Dr.K.C.Bindhu	Education	Ms.Badhrunisha	Ongoing	2015
9	Dr.K.C.Bindhu	Education	Ms.Thilagavathi	Ongoing	Feb 2016
10	Dr.K.C.Bindhu	Education	Ms.Anitha	Ongoing	Feb 2016
11	Dr.K.C.Bindhu	Education	Ms.Binu Babu	Ongoing	2016
12	Dr.K.C.Bindhu	Education	Ms.Kalaivani	Ongoing	2017
13	Dr.A.BlessingMary	Education	Ms.P.PadmaGanga	Ongoing	Dec. 2013
14	Dr.A.BlessingMary	Education	Ms.SagayaMary	Ongoing	Dec. 2013
15	Dr.A.BlessingMary	Education	Ms.Dhanalakshmi	Ongoing	Dec. 2013
16	Dr.A.BlessingMary	Education	Ms.Kalaivani	Ongoing	Dec. 2014
17	Dr.A.BlessingMary	Education	Ms.Ms.Sundaravadhana	Ongoing	Dec. 2013
18	Dr.A.BlessingMary	Education	Ms.Sridevi	Ongoing	
19	Dr.C.Renuga Devi	Education	Ms. Uma Maheswari	Ongoing	August 2015
20	Dr.P.B.Beulahbel Bency	Education	K.Dilsath Begum	Ongoing	2017
21	Dr.P.B.Beulahbel Bency	Education	R.Padma	Ongoing	2017
22	Dr.P.B.Beulahbel Bency	Education	Deepthi Karunakaran	Ongoing	2017
23	Dr.P.B.Beulahbel Bency	Education	Preethi Samuel	Ongoing	2017
24	Dr. Deepa Viswam	Vis. Comm.	N. Tamilselvi	Submitted	
25	Dr. Deepa Viswam	Vis. Comm.	D.F. Mettilda	ongoing	
26	Dr. Deepa Viswam	Vis. Comm.	Joyce	ongoing	
27	Dr. Deepa Viswam	Vis. Comm.	Irwin Mary	ongoing	
28	Dr.M.Razia	Biotechnology	V.Uma Maheshwari Nallal	Ongoing	March,2017

29	Dr.G.Indhumathi	Commerce	G.Sahaya Leoni	Ongoing	March 2014
30	Dr.G.Indhumathi	Commerce	B.Harathi	Ongoing	July 2013
31	Dr.G.Indhumathi	Commerce	Nasreen Sayyed	Ongoing	March 2014
32	Dr.G.Indhumathi	Commerce	K.Alamelu	Ongoing	July 2014
33	Dr.G.Indhumathi	Commerce	A.Sathyavathi	Ongoing	February 2015
34	Dr.G.Indhumathi	Commerce	C.Kalaivani	Ongoing	February 2016
35	Dr. AL. Malliga	Management Studies	Chaitra S. Hiremath	Ongoing	
36	Dr. AL. Malliga	Management Studies	G. Aarthi	Ongoing	
37	Dr. AL. Malliga	Management Studies	S. Akilandeswari	Ongoing	
38	Dr. AL. Malliga	Management Studies	Santhanalakshmi	Ongoing	
39	Dr. AL. Malliga	Management Studies	S. Susila	Ongoing	
40	Dr. A. Geetha	Management Studies	Shobana Thulasi	Ongoing	
41	Dr. A. Geetha	Management Studies	Anita Singh	Ongoing	
42	Dr. A. Geetha	Management Studies	V. Nagavalli	Ongoing	
43	Dr. A. Geetha	Management Studies	Neelima Chaudhry	Ongoing	
44	Dr. A. Geetha	Management Studies	S. Yamuna	Ongoing	
45	Dr. A. Geetha	Management Studies	P. Meenakshi	Ongoing	
46	Dr.S.Kavitha	Home Science	Ms.K.S.Saravanya	Ongoing	18.07.2015
47	Dr.S.Kavitha	Home Science	Ms.C.Hemachalaeswari	Ongoing	18.07.2015
48	Dr.S.Kavitha	Home Science	Ms.Carolin Baby	Ongoing	18.07.2015
49	Dr.C.Hilda Devi	Sociology	J.Chitra Devi	Submitted	2011
50	Dr.C.Hilda Devi	Sociology	S.Baby	Submitted	2012
51	Dr.C.Hilda Devi	Sociology	A.Hepzibha	Submitted	2011
52	Dr.N.Geetha	English	Ms.Vinutha	Ongoing	August 8 ,2015
53	Dr.N.Geetha	English	Ms. Azhagi	Ongoing	
54	Dr.P.Jeyappriya	English	M.S.Yanamandra Venkata Ratna	Ongoing	February3,2014
55	Dr.P.Jeyappriya	English	Ms.P.Selvi	Ongoing	2.9. 2015
56	Dr.P.Jeyappriya	English	Ms. Meera Joghee	Ongoing	29.2. 2016
57	Dr.P.Jeyappriya	English	Ms. Tahara Kanum	Ongoing	
58	Dr.P.Jeyappriya	English	Ms.Thenmozhi	Ongoing	
59	Dr.P.Jeyappriya	English	Ms. Charulatha	Ongoing	
60	Dr.P.Jeyappriya	English	Ms. Bhuvaneswari	Ongoing	

61	Dr.P.Jeyappriya	English	Ms. Selvi	Ongoing	
62	Dr.P.Jeyappriya	English	Ms. Meera Joghy	Ongoing	
63	Dr.P.Jeyappriya	English	Ms.Charulatha	Ongoing	
64	Dr.D.Ramani	Commerce	S.Suganya	Ongoing	1.8.2016
65	Dr.V.Rajeswari	Education	R.Nithya	Ongoing	15.6.2016
66	Dr.S.P.Denisia	Education	Deepa Jose	Ongoing	11.7.2016
67	Dr.S.P.Denisia	Education	M.Anitha	Ongoing	18.7.2016
68	Dr.P.B.Beulahbel Bency	Education	Dhilsath Begum	Ongoing	25.10.2016
69	Dr.Usha Raja Nandhini	Biotechnology	Panikar Sukanya Vijayan	Ongoing	16.6.2016
70	Dr.S.Sundari	Economics	C.L.Leena	Ongoing	16.6.2016
71	Dr.A.Kalaimathi	Women's Studies	R.Uma	Ongoing	21.6.2016
72	Dr.A.Kalaimathi	Women's Studies	Shyla ipe Vargese	Ongoing	21.6.2016
73	Dr.C.Hilda Devi	Women's Studies	K.Punitha	Ongoing	21.6.2016
74	Dr.A.Kalaimathi	Women's Studies	M.V.Sunitha	Ongoing	11.7.2016
75	Dr.N.Kala	Women's Studies	K. Lizi	Ongoing	24.11.2016
76	Dr.C.Hilda Devi	Sociology	K.Smitha	Ongoing	21.6.2016
77	Dr.C.Hilda Devi	Sociology	Margaret Francis	Ongoing	21.6.2016
78	Dr.K.Prabha	Physics	V.Veena	Ongoing	25.10.2016
79	Dr.Madhukar Hemamalini	Chemistry	S.Saranyadevi	Ongoing	11.8.2016
80	Dr.A.Rajam	Physical Education	P.Gomathi	Ongoing	4.8.2016
81	Dr.R.Rathi Devi	Management Studies	Annie John	Ongoing	31.10.2016
82	Dr.R.Rathi Devi	Management Studies	S.Gayathri	Ongoing	11.11.2016
83	Dr.R.Rathi Devi	Management Studies	A.Jhony	Ongoing	30.11.2016
84	Dr.R.Poornima Rani	Commerce	K.Karpagambigai	Ongoing	14.2.2017
85	Dr.R.Poornima Rani	Commerce	Rama Bai	Ongoing	16.3.2017
86	Dr.P.B.Beulahbel Bency	Education	R.Padma	Ongoing	4.5.2017

**Annexure – IX**

No. of Research scholars receiving the Fellowships

Sl. NO.	Name of the Research Scholar	Department	Name of the Fellowship	Title of the Project	Sponsoring Agency	Date of receipt of Fellowship	Period of Fellowship
1.	B. Sowmiya Rajalakshmi	Biotechnology	Project fellows	Ecofriendly treatment of potable water in Kodaikanal Hills-Tribal Areas	UGC	1.7.2013	1.7.2013-31.3.2017
2.	K.Suganya	Biotechnology	UGC-National fellowship for OBC	Medicinally important compound production and strain improvement in intergenic hybrid between <i>Monascus ruber</i> and <i>Agaricus bisporus</i> .	UGC	29-06-2017	2017-2022
3	Miss. PM.R Manibharathi	Physics	Project Assistant	Investigation on Rare- Earth Metals doped Metal oxides nanoparticles for sensor and solar cell applications	DST-SERB	26.09.2016	4
4	K.G.Ahila	Biotechnology	JRF	DST INSPIRE-IF130397	DST	June,2013	
5	A.Ancy jenifer	Biotechnology	JRF	DST INSPIRE-IF130847	DST	Nov.2013	
6	Maheswari.C	Biotechnology	RGNF	RGNF	UGC	April 2015	

**Annexure – X**

## No. of students Participated in NSS events

Sl. No.	Name of the Event	Date of the Event	Organizer of the Event	University / State / National / International Level	Number of Students Participated
1	Communal harmony Rally	1.10.2016	Dr.Usha Raja Nanthini	University	
2	Cleaning Highway and tree plantation at Perumalmalai	2.10.2016	Dr.Usha Raja Nanthini	University	
3	Participation at vanamahotsava week	6.10.2016	Dr.Usha Raja Nanthini	University	
4	Visit to NSS special camp	20.11.2016	Dr.Usha Raja Nanthini	University	
5	Legal awareness programme	08.03.2017	Dr.Usha Raja Nanthini	University	
6	Forest conservation rally	21.03.2017	Dr.Usha Raja Nanthini	University	
7	Importance of Food Habits, Primary School, Vilpatty.	21.11. 2016	Dr. K. Prabha	University	80

**Annexure – XI**

## 3.25 No. of Extension activities organized

Sl. No.	Name of the Organizer	Department	Name of the Activity	Name of the Cell / Forum / NSS / NCC	Date / Duration of the Activity	Number of Participants
1.	Dr.C.Thamaraiselvi	Biotechnology	Environmental Awareness	Environment & conservation cell	3.11.2016	25
2.	Dr.Usha Raja Nanthini	NSS	Communal harmony Rally	NSS	1.10.2016	sch Pe
3.	Dr.Usha Raja Nanthini	NSS	Cleaning Highway and tree plantation at Perumalmalai	NSS	2.10.2016	
4.	Dr.Usha Raja Nanthini	NSS	Participation at vanamahotsava week	NSS	6.10.2016	
5.	Dr.Usha Raja Nanthini	NSS	Visit to NSS special camp	NSS	20.11.2016	
6.	Dr.Usha Raja Nanthini	NSS	Legal awareness programme	NSS	08.03.2017	
7.	Dr.Usha Raja Nanthini	NSS	Forest conservation rally	NSS	21.03.2017	
8	Dr. K. Prabha	Physics	Importance of Food Habits, Primary School, Vilpatty.	NSS	21.11. 2016	80
9		Science Forum	Bio-diversity and its conservation	Science Forum	01.09.2016	
10		Science Forum	Ecosystem Engineers	Science Forum	01.09.2016	
11		Science Forum	Web mining and Burien Application	Science Forum	02.09.2016	

### Criterion – IV

#### 4. Infrastructure and Learning Resources

Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area Ananthagiri,Attuvampatti Chennai, Madurai, Nilakottai	74563.611 Sq.m	–	UGC & State Gvt	74563.611 Sq.m
Class rooms	4192.79 Sq.m	–	UGC	4192.79 Sq.m
Laboratories	–	–	–	–
Seminar Halls	274.18 Sq.m	–	UGC	274.18 Sq.m
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	305	84	UGC,DST- TNSCST,RUSA	389
Value of the equipment purchased during the year (Rs. in Lakhs)	251.02	45.91	UGC,DST- TNSCST,RUSA	296.93
Others	–	–	–	–

Computerization of administration and library

- Library Management software (SOUL) is installed in Library
- NKN Lab
- Digital services (Shodhganga, Institutional Repository, Digital Library Consortium)
- Member in TNDL(Tamil Nadu Digital Library)

Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	28,392	33,28,283	1,830	4,83,697	30,222	38,11,980
Reference Books	33,087	5,54,1539	2,000	13,00,000	35,087	68,41,539
e-Books	–	–	–	–	–	–

Journals	1	-	-	-	-	-
e-Journals	1500 apx	-	-	-	-	-
Digital Database	-	-	-	-	-	-
CD & Video	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	244	1	All	1	1	61	183	-
Added	5	2	All	-	-	-	5	-
Total	249	3	All	1	1	61	188	-

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

- 1 GBPS Internet Bandwith under NMEICT(National Mission on Education through Information and Communication Technology)
- Wifi enabled Campus
- Video Conference System available
- A-View for Webinars

Amount spent on maintenance in lakhs :

i) ICT

-

ii) Campus Infrastructure and facility

Rs. 98,682.00/0.99

iii) Equipments

-

iv) Others

Rs. 2,15,287.00/2.15

**Total :**

Rs. 3,13,969.00/3.14



## **Criterion – V**

### **5. Student Support and Progression**

#### **Contribution of IQAC in enhancing awareness about Student Support Services**

- Fresher Induction-Orientation-Motivation Training
- Periodic and Department-wise Communication Capability building
- Placement training and guidance
- Alumni network building offline and online and meets
- At least one source of financial assistance for each eligible/deserving Scholars
- Student Induction in Decision bodies like IQAC, BoS, Cells and Clubs Multi-skilling of Students through Various Coaching/Training/Volunteer Services
- Announcement regarding project proposal for research scholars from various funding agencies, seminars, conferences, workshops, other social awareness programs, health and hygiene programs, career programs, placement for final year students, coaching for competitive exams, and important dates of competitive examinations through announcement.

#### **Efforts made by the institution for tracking the progression**

- Communal Reservation
- Student Feedback
- Peer Evaluation
- Purified drinking water facility sponsored by Rotary club(Coimbatore)
- Students governed club(Department based activities)
- Creating Entrepreneurial culture
- Concessional (50 % )bus and Train tickets
- Evaluation of students performance through Monthly assessment, Three continuous internal assessment tests, assignment, seminar, quiz and one model examinations to assess students caliber
- Extra coaching for slow learners
- Advance learners were informed to refer MOOC books and to present papers in conferences.
- Supplementary exams are conducted for final year students.
- Parent teachers meeting have been conducted
- Based on the students skill, they are directed to participate in skill oriented activities.

#### **(a) Total Number of students**

Sl.No	University	PG	MPhil	PhD	Total
1	Kodiakanal	209	57	54	320
2	Chennai-centre	12	25		37
3	Madurai-centre	19	25		44
4	Coimbatore-centre	64	10		74
	Total	304	117	54	475

(b) No. of students outside the state

Ph.D -18
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(c) No. of international students

Nil
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Men

No	%

Women

No	%

### PG (2016-2017)

Last Year

This Year

General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
7	154	4	165	-	330	3	112	1	188	-	304

### M.PHIL

Last Year

This Year

General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
47	20	-	19	-	86	2	39	1	25	-	117

### Ph.D

Last Year

This Year

General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
25	13	-	56	-	94	17	6	-	31	-	54

Demand ratio 1:5

Dropout %

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

- Weekly seminars to motivate the students
- Interactive sessions with visiting scientists and industrial experts
- Special lectures to the students by inviting international and national experts to the departments
- Coaching for Civil Service Examinations

No. of students beneficiaries

124

No. of students qualified in these examinations

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

Details of student counselling and career guidance

Counseling by the department staff regarding academic, financial, psychological aspects

Career Guidance for Competitive Examinations.

No. of students benefitted

446

Details of campus placement

	<i>On campus</i>		<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
1	48	16	-

Details of gender sensitization programmes :

Gender Sensitization for young adult – No. of beneficiaries:83

Students Activities

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

State/ University level

212

National level

63

International level

1

### No. of students participated in cultural events

State/ University level  National level  International level

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

Sports :

State/ University level  National level  International level

Cultural:

State/ University level  National level  International level

### Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	272	239305
Financial support from government	79	289976
Financial support from other sources(sports)	12	120000
Number of students who received International/ National recognitions	-	-

### Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

### No. of social initiatives undertaken by the students

- Free diet counseling to student community by Food and Nutrition Department
- Offering to elderly people through NSS
- Free food processing to self-help group
- Kodaikanal lake cleaning
- Motivation to disabled students
- Emphasis on Traditional food habit

Major grievances of students (if any) redressed:

- Regularising the usage of Equipments by Ph.D scholars.

## **6. Governance, Leadership and Management**

**State the Vision and Mission of the institution**

*The vision and mission of Mother Teresa Women's University, Kodaikanal is:*

### **Vision**

Empowerment of women through Education

### **Mission**

To Promote Quality Education to Women at all levels

To identify and address the emerging needs

To contribute to women-in-Development

To carryout research facilitating pro women policies

### **Does the Institution has a Management Information System**

Yes, the institution has Management Information System

- Examination aspects like mark entries, statement generation, evaluation , hall ticket and e-nominal generation, result publication has been computerised
- Finance aspects has been computerised
- In-house software has been developed for finance, examination, admission, research and other related applications
- The University website has all information related to the University with lot of links and updated scrolls
- Library uses software to upload book details, thesis, membership card and for transaction of books
- Staff attendance and Biometric processing is also computerised.
- Plagiarism has been checked for M.Phil and Ph.D thesis through software and Ph.D thesis are uploaded in Shodhganga.

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

Curriculum Development

- Once in three years board of studies meeting for every subject is conducted and the syllabus is revised.
- Interdepartmental courses have been conducted.
- The University follows Choice Based Credit System.
- Curriculum has been designed by including the representatives from the Alumnae, Industry,

and subject expert from other Universities

- Curriculum has been designed with ICT enabled technology, Employability oriented, Entrepreneurial skill oriented and self employment oriented.
- Based on board suggestion curriculum is designed based on the contemporary needs of the students.
- Board of Studies was conducted in 2015 and 2018

#### Teaching and Learning

- ICT enabled teaching learning is encouraged
- National Knowledge Networking helps in easy and free access to e-journals
- Enormous field experience and practical exposure is initiated.
- Continuous Internal Assessment
- Bridge Course
- Field trip and Industrial Visit.
- Skill based training programmes.
- Seminar by Ph. D scholars.
- Special Coaching for NET/ SLET exam.
- Video Conference with Industry experts.
- University Covered by Wi-Fi Connectivity.
- Blended learning.
- Most of the students are first generation learners from socially, economically and academically weak segment background. Since this university focuses on development of rural women students, preference is given to women belonging to weaker section, irrespective of their community.
- A-View webinar discussions are telecast to the students.
- Invited talks/ special lecture arrangement have been done by different department.

#### Examination and Evaluation

- Conduct of Continuous Internal Assessment
- Conduct of Timely Summative Examinations
- Central Valuation is followed
- Instant Examination is conducted for final year students who have failed in their last semester exams.
- Results are published on time and online.
- Last working day and Semester time table are prepared in consultation with each HOD.
- Common Entrance Exam for M. Phil and Ph. D students.
- M. Phil students attend a closed viva
- Online fees payment facilities
- The thesis submitted by scholars is evaluated by Foreign and Indian Examiners and open viva-voice exam conducted.

- Publication of research papers in reputed journal is mandatory for the Ph.D thesis submission
- Passing board are conducted by university during every semester

#### Research and Development

- Create and maintain the culture to write more number of projects to various funding agencies.
- Entrance exams are conducted for M.Phil and Ph.D programs
- Publish the publication in reputed/indexed/impact factor/scopus/SCI journals for Ph.D scholars
- Experts from International level are invited to the International Conference to enhance the quality

#### Library, ICT and physical infrastructure / instrumentation

The Library has a NKN – National Knowledge Network lab

All Ph. D theses are uploaded in Shodhganga.

Physical Infrastructure facilities have been implemented in XI and XII plan

**XII plan:** Infrastructure: Rs. 79,97,561.00, Building: Rs. 1,89,17,988.00, Books and Journals: 14,96,580.00

- Library uses management software to upload book details, thesis, membership card and for transaction of books.
- The university provide Science and Arts online journals by 5 URL sources.
- The university library is a member of UGC-INFLIBNET-INFONET E-journal consortium. UGC INFONET E-JOURNAL CONSORTIUM.

#### Human Resource Management

- Workshop and Training programme conducted.
- Technology based awareness programme conducted.
- As per UGC norms, staff are recruited and assigned with optimum workload of teaching, research and extension activity.
- Statistical Software Package are used in research
- Career Advancement Scheme are used for faculty promotion
- On the basis of the schedule, classes are handled and conduct of exams
- Students attendance for PG, M.Phil and Ph.D are maintained individually in the departments

- Periodical verification of the students performance
- Feedback has been received from the students at the end of every semester.
- Adhere the academic calendar in all student related activities.

#### Faculty and Staff recruitment

- The University follows the Service rules as per the Government of Tamil Nadu. The recruitment of teaching staff is done as per the UGC norms and State government rules. Non-teaching staff recruitment is done based on the University Statutes.
- Promotion to teaching staff is given based on the service fulfillment of UGC norms (Academic Performance Indicator- API) and Non-teaching staff promotion is based on the State Government rules.

#### Industry Interaction / Collaboration

- Industrial Visit done by each department
- MOU for teaching practice of teacher Education students.
- Experts from Industry are involved in curriculum designing.

#### Admission of Students

- Admission notification is given online and offline (Newspaper and Notice board)
- Entrance Based admission is done for M.B.A., M.C.A., M.Phil., and Ph.D
- Admission results are published online
- Transparency and flexibility adopted in admission

#### Welfare schemes for

Teaching	<ol style="list-style-type: none"> <li>1. Professional Body (ISEAS) for the professional development of teaching staff</li> <li>2. NET Café</li> <li>3. Wifi enhanced campus</li> <li>4. Health and Group insurance schemes</li> <li>5. Family Benefit Scheme</li> <li>6. Health and Humor club viz Yoga</li> <li>7. Technology oriented research lab</li> <li>8. Festival Advance</li> </ol>
Non teaching	<ol style="list-style-type: none"> <li>1. NET Café</li> <li>2. Wifi enhanced campus</li> <li>3. Health and Group insurance schemes</li> <li>4. Family Benefit Scheme</li> <li>5. Health and Humor club</li> <li>6. Festival Advance</li> </ol>
Students	<ol style="list-style-type: none"> <li>1. Canteen facilities</li> <li>2. Gym</li> <li>3. Bus facilities</li> </ol>



4. NET Café
5. Wifi enhanced campus
6. Health club

Total corpus fund generated

Rs. 9,21,550- From 2016 to 2018.

Whether annual financial audit has been done  Yes  No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Agency
Academic	-	-	Yes	-
Administrative	-	-	Yes	-

Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes  No

For PG Programmes Yes  No

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

- Online submission of exam application is provided
- Scheduled examination and result publication on time.
- Hall ticket and e-nominal role is generated
- Bar coding system in O.M.R sheet
- Instant Examination for all final year students who have not passed in their papers is conducted.

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

- Board of Studies Approval, Examinations question paper pattern approved as per university norms.
- University Professor served as a Chairperson to visit and examine the facilities in affiliated colleges, before granting affiliation.
- Orientation given to affiliated Colleges about NAAC accreditation
- Autonomy to offer extra skill development programs, infrastructure, working days, fee collection and social and extension activities.

Activities and support from the Alumni Association

- Fund was provided by Alumni Association for construction of Science and Humanities building
- Alumni Association meeting conducted every year
- The University used to get the feedback from alumni
- Partial funding support given to the Conference/ Seminar when alumni student becomes a resource person.
- Member in Board of Studies and placement
- Organized workshop and conferences by inviting foreign experts
- Academic industry collaboration
- Contribution to campus development
- Suggestions for the development of University
- Arranged peer group meeting
- Students grievance redressed
- IQAC Representation

#### Activities and support from the Parent – Teacher Association

- Parent-Teacher Meeting conducted periodically
- Conduct the meeting for slow learners with their parents and give suggestion and ideas how to improve their marks during semester.
- Industry-Academic Collaboration has been made
- Feedback obtained and it has been used for the development of the students

#### Development programmes for support staff

- Tally programme conducted in the department of CS for staff members.
- Seven days basic course on Raj yoga was conducted for staff on Strategies to live a happy and peaceful life.
- ICT training given

#### Initiatives taken by the institution to make the campus eco-friendly

- Plastic free zone
- Bio- diversity
- Compliance with standards in collection, segregation and disposal of waste.
- Uses of Solar energy
- Solid waste-Biodegradable
- Environmental awareness is conducted regularly at Perungadu village for tribal people
- Tree saplings are planted wherever possible
- Swachhata Pakhwada programme-an initiative of **Swachh Bharat Abhiyan** observed and activities carried out to make the campus eco-friendly
- Solar energy usage
- Water harvesting
- Collection, segregation and disposal of wastes.

## Criterion – VII

### 7. Innovations and Best Practices

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

1. **Creation of Student Leadership and Participation Prospects:** Student governed clubs, associations initiated by all departments, by which special talks, quiz programs, paper presentation and participating them in Board of Studies etc are arranged periodically.
2. **Constitution of Environmental conservation cell** to promote concern and care for the environment, organize plantation events and awareness programmes. Environmental Awareness Program is conducted periodically for local tribal people and student community.
3. **Establishment of Cultural cell** to encourage and nurture the varied fine arts skill and rich cultural heritage
4. **Constitution of Women Empowerment cell** to create awareness on safety, health, legal, social and economic status of women for their betterment in all aspects.
5. **Constitution of special coaching cell** to give free training for students for UPSC and staff selection commission exams and other competitive examinations.
6. **Emphasis for programmes of societal impact:** Computer literacy is being given to local school children on regular basis. Environmental awareness programmes are conducted for tribal people and people of nearby villages. Several special training programmes for women, literacy programmes and awareness programmes for the local tribal people have been conducted by the various units like NSS, YRC of the University.
7. Computer literacy given to local school kids on regular basis.
8. Motivational training given to the students Professional Trainer.
9. Innovative researches are being made with the natively available resources

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

1. Construction of Library, ladies hostel, computer centre, canteen, Science Laboratories have been started. (RUSA fund)
2. The research projects sponsored by ICSSR, UGC- DAE, UGC, DST-SERB, TNSCST and INFLIBNET is around Rs. 32,60,100/-are being carried out.
3. 72 National and 8 International Conferences have been organised
4. Faculty members published their research articles in 30 National, 9 International journals and 23 research papers in conference proceedings.
5. Swachhata Pakhwada programme-an initiative of **Swachh Bharat Abhiyan** observed and activities carried out from September 1<sup>st</sup> 2017 to September 15<sup>th</sup> 2017.
6. Social awareness programme conducted.

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

1. “Knowledge pool” – Media rich repository of video lectures by academic staff
2. “Yoga for health” –Campus and community yoga programme practiced regularly within the campus and given to local community people especially women.

## Contribution to environmental awareness / protection

1. **Constitution of Environmental conservation cell and greening the Campus cell:** The Environmental conservation cell have organized several awareness programmes regarding conservation and cleanliness of the environment. Planted many saplings for making the campus green in order to reduce Green House Gases and soil erosion.
2. **Green practices:**
  - **Alternative energy resources:**  
Solar energy panels are constitutes in the Hostel.  
Conventional light sources are replaced by LED bulbs.
  - **Plastic Free campus:** The campus is strictly a plastic free campus. Awareness programmes are being conducted each year by the chemistry and Biotechnology Departments and the NSC and YRC units for avoiding of plastic materials in the campus. Periodical cleaning of the campus to check and eliminate plastics are being carried out. All staff and students are advised to go with green-eco labeled product (Earthern pot).
  - **Lab Waste Management:** Microbial lab wastes are decontaminated along with biodegradable waste. Laboratory animal waste is disposed through incinerator. Separate incinerator is installed in academic block and hostels for disposing sanitary napkins. Organic farming awareness programme was conducted for women farmers
  - **E-Waste Management:** Effective maintenance of e-waste to avoid health and environmental hazards. Unbreakable e-wastes are sent for auction and breakable wastes are disposed by adopting suitable techniques.
  - Information and instructions are displayed in all departments and administrative sections to create awareness of green practices.
  - **E-Governance:** The University and the Departments use e-circulars wherever necessary.
  - **Rain Water Harvesting system are installed**
  - **Effective Waste Management System:** Bio-degradable and non bio-degradable wastes were separately collected. Bio-degradable wastes are subjected to make manure as compost. Non-biodegradable wastes are handed over to local authority. Burning process is strictly prohibited in the campus. In order to sensitize faculty and students, regarding solid waste management. Training programmes have been organized by the Department of Bio-technology through professional trainers, which were highly useful.
  - **Green landscaping:**  
A total of 200 tree saplings were planted in the campus by various units like Green Cell, Environmental Conservation cell , NSS and YRC units. The tree saplings were donated by the Forest Department of Kodaikanal.

Whether environmental audit was conducted?                      Yes                      No

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

## Strength

1. Only one women State University
2. Providing access to higher education of tribal, rural, downtrodden and marginalized sections of women

3. Faculty with good teaching and research experience
4. Well-coordinated student teacher support
5. Well equipped science laboratories and common instrumentation centre
6. Adequate transport facilities for students and staff members
7. Pollution free green and pleasant Environment

### **Weakness**

1. Intellectual isolation due to comparatively less accessible location
2. Inadequate technical manpower.
3. Frequent power failure and Water scarcity.
4. Inadequate access to service laboratory equipments
5. Poor students enrolment
6. Lack of private-public partnership

### **Opportunities**

1. Safe and ambient atmosphere for women students, for increasing enrolment
2. A relatively high Ph. D and M. Phil women's student enrolment
3. Reaching out to students outside Kodaikanal through research and extension centres in Chennai, Madurai and Coimbatore
4. Attraction of international students is highly Feasible
5. Students can opt for teacher Education Programme (B.Ed,M.Ed, M.Phil, P.hd) under one Umbrella.

### **Threats**

1. Inadequate students enrollment due to climatic condition
2. Limited Institutions for Networking within vicinity
3. Non-conducive climate and inaccessibility
4. Location and Environmental Barrier.

### **8. Plans of institution for next year**

- To execute Swatch Bharat scheme at University level
- To organize awareness/Training Program for rural and tribal women
- To strengthen infrastructure by using RUSA fund
- To carryout women empowerment projects
- To establish MoU with National Institutes/ International institutes and Industries
- To establish cloud infrastructure
- To establish digital campus.
- To increase students enrolment
- To strengthen research by increasing the number of projects from funding agencies.
- To conduct Faculty development programmes.
- To establish HRDC to conduct orientation and refresher courses.