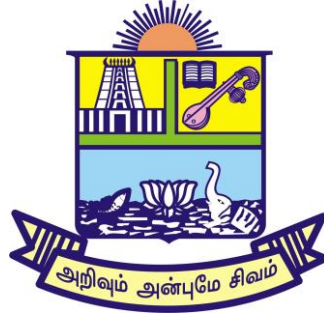


**THIAGARAJAR COLLEGE, MADURAI - 625009**

(An Autonomous Institution; affiliated to Madurai Kamaraj University)

*Re-Accredited with 'A' Grade by NAAC in 3<sup>rd</sup> Cycle*



**Submission of  
Annual Quality Assurance Report (AQAR)  
2014 - 15**

**by**

**Internal Quality Assurance Cell (IQAC)**

**Submitted to  
National Assessment & Accreditation Council  
Bangalore**

**NOVEMBER, 2015**



**Thiagarajar College:: Madurai - 625009**  
(Re-Accredited with 'A'-Grade by NAAC)

**The Annual Quality Assurance Report (AQAR) of the IQAC 2014 -2015**

**Part – A**

**1. Details of the Institution**

**1.1 Name of the Institution**

Thiagarajar College (Autonomous)

**1.2 Address Line 1**

139-140, Kamarajar Salai

**Address Line 2**

Teppakulam

**City/Town**

Madurai

**State**

Tamil Nadu

**Pin Code**

625009

**Institution e-mail address**

[principaltcarts@gmail.com](mailto:principaltcarts@gmail.com)

**Contact Nos.**

0452 -2311875, 2311922

**Name of the Head of the Institution:**

Dr. M. Eyini, Principal

**Tel. No. with STD Code:**

0452 -2311875, 2311922

**Mobile:**

09442625883, 07708091177

**Name of the IQAC Co-ordinator**

Dr. D. Pandiaraja

**Mobile:**

09443475759

**IQAC e-mail address:**

[iqac@tcarts.in](mailto:iqac@tcarts.in)

1.3 NAAC Track ID (For ex. MHC0GN 18879) Thiagarajar College15032

1.4 Website address:

[www.tcarts.in](http://www.tcarts.in)

Web-link of the AQAR:

[http://www.tcarts.in/admin\\_iqac.php/report](http://www.tcarts.in/admin_iqac.php/report) to NAAC 2014-15

For ex. <http://www.ladykeanecollege.edu.in/AQAR201213.doc>

### 1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	5 Star	-	05/11/2001	04/11/2005
2	2 <sup>nd</sup> Cycle	"A"		31/03/2007	30/03/2012
3	3 <sup>rd</sup> Cycle	"A"	3.37	05/01/2013	04/01/2018

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

23/11/2003

1.7 AQAR for the year (for example 2010-11)

AQAR for the Year 2014-15

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

- i. AQAR 2012-2013 submitted to NAAC on 23/09/2013 (DD/MM/YYYY)
- ii. AQAR 2013-2014 submitted to NAAC on 26/11/2014 (DD/MM/YYYY)
- iii. AQAR 2014-2015 submitted to NAAC on 17/11/2015 (DD/MM/YYYY)

### 1.9 Institutional Status

University State  Central  Deemed   Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous College of UGC Yes  No

Regulatory Agency approved Institution Yes  No   
(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution	Co-education	<input checked="" type="checkbox"/>	Men	<input type="checkbox"/>	Women	<input type="checkbox"/>
	Urban	<input checked="" type="checkbox"/>	Rural	<input type="checkbox"/>	Tribal	<input type="checkbox"/>
Financial Status	Grant-in-aid	<input type="checkbox"/>	UGC 2(f)	<input checked="" type="checkbox"/>	UGC 12B	<input checked="" type="checkbox"/>
	Grant-in-aid + Self Financing	<input checked="" type="checkbox"/>	Totally Self-financing	<input type="checkbox"/>		

### 1.10 Type of Faculty/Programme

Arts	<input checked="" type="checkbox"/>	Science	<input checked="" type="checkbox"/>	Commerce	<input checked="" type="checkbox"/>	Law	<input type="checkbox"/>	PEI (Phys Edu)	<input type="checkbox"/>
TEI (Edu)	<input type="checkbox"/>	Engineering	<input type="checkbox"/>	Health Science	<input type="checkbox"/>	Management	<input checked="" type="checkbox"/>		
Others (Specify)	<input type="text" value="Nil"/>								

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

Madurai Kamaraj University,  
Madurai – 625 021

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

Autonomy by State/Central Govt. / University	<input checked="" type="checkbox"/>		
University with Potential for Excellence	<input type="text" value="Nil"/>	UGC-CPE	<input type="text" value="Nil"/>
DBT Star College Scheme	<input type="text" value="Yes"/>	UGC-CE	<input type="text" value="Nil"/>
UGC-Special Assistance Programme	<input type="text" value="Yes"/>	DST-FIST	<input type="text" value="Yes"/>
UGC-Innovative PG programmes	<input type="text" value="Yes"/>	Any other (Specify)	
UGC-COP Programmes	<input type="text" value="Yes"/>		<input type="text" value="MHRD- National Centre of Excellence"/>

## 2. IQAC Composition and Activities

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No.  Faculty   
Non-Teaching Staff  Students  Alumni  Others

2.12 Has IQAC received any funding from UGC during the year?  Yes  No  
If yes, mention the amount

### 2.13 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

Nil

## 2.14 Significant Activities and contributions made by IQAC

- Documents various programmes / activities of the college and individual departments
- Initiated institutionalization of 5S principles and practices in the college
- Disseminated the principles of 5S in the Department of Botany, Department of Zoology, College office and Library with the guidance of an external expert nominated by the Management.
- Received Rs. 3,00,000/- from UGC for Establishment / Strengthening IQAC Under XII Plan (2012-17) period.
- A comprehensive proposal had been submitted to UGC for funding under “Centre for Potential with Excellence” Scheme.
- Submitted online the report required by All India Survey On Higher Education (AISHE) for the period September 2013 to August 2014.
- Submitted Annual Quality Assurance Report (AQAR) for the period April 2013 to March 2014 to NAAC based on the quality parameters.

## 2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year 2014-2015.

Plan of Action	Achievements
<ul style="list-style-type: none"> <li>• Submitted applications to Madurai Kamaraj University to introduce new courses under self financed stream</li> <li>• Submission of proposal to UGC for “College with Potential for Excellence”</li> <li>• Submission of proposal to UGC KAUSHAL programme</li> <li>• Implementation of 5S programme</li> <li>• Submission of proposals to obtain financial assistance for research projects from various funding agencies</li> </ul>	<p>The following new courses were started w.e.f. 2015 – 2016</p> <ol style="list-style-type: none"> <li>1. B.Com Professional Accounting</li> <li>2. B.Sc., Maths</li> <li>3. B.Sc., Microbiology</li> <li>4. B.Sc., Psychology</li> <li>5. M.Com Finance</li> <li>6. M.Sc., Biotechnology</li> <li>7. M.Phil Management</li> </ol> <p>1S, 2S are implemented in Department of Botany, Department of Zoology, College office and Library</p> <p>Grants have been received from various funding agencies for major reasearch projects and four minor research projects</p>

2.15 Whether the AQAR was placed in statutory body Yes  No

Management  Syndicate  Any other body

Provide the details of the action taken

**Recommendations in the future plan of the year 2013 - 2014 AQAR were implemented such as:**

- Introduction of new courses
- Implementation of 5S
- Receiving more research grants
- Applying for CPE status

**and suggestions /recommendations are included in the future plan of 2015 – 2016 AQAR.**

## PART - B

### Criterion – I

#### 1. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	8	-	-	-
PG	8	-	5	-
UG	11	-	8	-
M.Phil	4	-	5	-
Advanced Diploma	-	-	-	-
Diploma	-	-	11	-
Certificate	-	-	12	-
Others	-	-	-	17
Total	31	-	41	17

Interdisciplinary	2	-	-	-
Innovative	-	-	-	-

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

Pattern	Number of programmes
Semester	23 (UG 11, PG 8, M.Phil 4)
Trimester	-
Annual	08 Ph.D

1.3 Feedback from stakeholders\* Alumni:  Parents:  Employers:  Students:   
(On all aspects)

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

\*Analysis of the feedback given as Annexure.

(Feedback from stakeholders provides strategies to attain academic and administrative excellence and its sustenance).

Feedback obtained from parents during the Parent Teachers meet, Alumni during alumni meet and students during Student's Council meeting are considered in planning and enhancing infrastructure and academic excellence.

Based on the feedback obtained from the employer to develop employability skills among the students, a special programme entitled "Towards Employability and Career Advancement" and a paper on value education in III & V Semesters (in addition to the one in I semester) were introduced.



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

- The curriculum and syllabi are completely revised once in three years
- The curriculum has been revised latest in the academic year 2014 – 2015
- Based on the recent trends in the fields of science, technology and industry revision of syllabi is also undertaken on need based criteria.
- A paper on value education has been introduced in III and V semesters in addition to one in the I semester
- Value Education in Practice, Social Service League and Yoga by practical were introduced as additional Part V programmes.

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

Nil

## Criterion – II

### 2. Teaching, Learning and Evaluation

<b>2.1 Total No. of permanent faculty</b>	Total	Asst. Professors	Associate Professors	Professors	Others
	105	69	36	-	-

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

83
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<b>2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year 2014-2015</b>	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	11	2	-	-	-	-	-	-	11	2

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

-
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02
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06
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#### 2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	13	38	56
Presented papers	27	104	41
Resource Persons	0	03	73

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

- |  |
|--|
| <ul style="list-style-type: none"><li>• Seminars</li><li>• Problem Solving Methods</li><li>• Projects</li><li>• Research Oriented Lecture Series (ROLS)</li><li>• Field visit</li><li>• Industrial visits</li><li>• Visual Communications</li><li>• Group discussion</li></ul> |
|--|

- A movie on Ramanujan was screened for 310 students in a nearby theatre.
- A movie on “Perunthalaivar Kamarajar” was screened in the campus and viewed by 2144 students.

**2.7 Total No. of actual teaching days** 184 days  
during this academic year 2014-2015

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

- Publication of Examination Calendar for the academic year in the beginning of the academic year itself
- Adherence to the dates of the examination calendar
- On line publication of results
- Photocopies of answer scripts are issued to the candidates on request
- Re-totalling and revaluation options are provided
- Question bank for Part IV and Part V papers
- Part V evaluation is based on activities

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

**Board of studies - 50**

**Faculty Involved - 106**

**Workshop - 4**

**2.10 Average percentage of attendance of student** 82%

**2.11 Course/Programme wise  
distribution of pass percentage :**

**RESULTS STATISTICS OF SUMMATIVE EXAMINATIONS – APRIL 2014**  
**UNDER GRADUATE COURSES**

Degree	Subject	Appeared	Passed	(%)	I with Dist.	I Class	II Class	III Class
B.A	TAMIL	51	39	76.47	02	30	07	--
	ENGLISH	54	52	96.30	--	21	25	06
	ENGLISH (SF)							--
	ECONOMICS	47	33	70.21	--	19	14	--
	ECONOMICS (SF)							
B.B.A	BUSI.ADMN.	56	52	92.86	--	28	24	--
	BUSI.ADMN. (SF)	53	45	84.91	--	12	28	05
B.Com	COMMERCE	57	52	91.23	13	32	07	--
	COMMERCE (S.F.)	49	43	87.76	03	34	06	--
B. Sc	MATHEMETICS	46	41	89.13	15	22	04	--
B.C.A.	B.C.A.	39	21	53.85	08	13	--	--
B.Sc.,	IT	42	31	73.81	14	16	01	--
	PHYSICS	32	17	53.13	04	09	04	--
	CS	36	31	86.11	06	19	06	--
	CHEMISTRY	41	23	56.10	03	16	04	--
	BOTANY	29	23	79.31	01	14	08	--
	BIOTECHNOLOGY	26	23	88.46	--	14	09	--
	I.M.B.	29	21	72.41	04	14	03	--
	COMP.SCI.	42	32	76.19	10	19	03	--

**POST GRADUATE COURSES**

Degree	Subject	Appeared	Passed	(%)	I with Dist.	I Class	II Class	III Class
M.A	TAMIL	31	30	96.77	04	26	--	--
	ENGLISH	27	27	100	--	22	05	--
	ECONOMICS	26	18	69.23	01	16	01	--
MHRD	HUMAN RESOURCE DEVELOPMENT	14	13	92.86	04	09	--	--
M.F.C	FINANCE AND CONTROL	33	28	84.85	06	22	--	--
M. Sc	MATHEMATICS	29	24	82.76	14	10	--	--
	PHYSICS	18	14	77.78	10	04	--	--
	CHEMISTRY	24	14	58.33	08	06	--	--
	CHEMISTRY (SPL.)	21	03	14.28	01	02	--	--
	BOTANY	24	23	95.83	14	09	--	--
	ZOOLOGY	23	19	82.61	11	08	--	--
	MICROBIOLOGY	25	19	76.00	15	04	--	--
	COMP.SCIENCE	38	36	94.74	15	16	--	--

**M.Phil COURSES**

Degree	Subject	Appeared	Passed	(%)	I Class	II Class	III Class
M. Phil	TAMIL	20	20	100	20	--	--
	ENGLISH	10	10	100	10	--	--
	ECONOMICS	14	14	100	14	--	--
	COMMERCE	20	19	95.00	17	02	--
	MATHS	12	11	91.66	10	01	--
	PHYSICS	08	08	100	08	--	--
	CHEMISTRY	06	04	66.67	04	--	--
	BOTANY	09	09	100	09	--	--
	ZOOLOGY	08	08	100	08	--	--

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

- IQAC is coordinating all departments and the supportive units of the college through Dean (Curriculum Development), Dean (Student’s Welfare), CoE and College office.
- Faculty training programmes were organized for the new teachers to improve their competency levels
- Teachers are encouraged to attend orientation programmes and refresher courses
- Teachers are motivated to apply minor and major research projects
- Teachers are encouraged to adopt ICT method of Teaching
- Teachers are encouraged to develop e-learning resources

**Monitoring:**

- The processes are monitored by IQAC through Head of the Departments and College council.

**Evaluation:**

- After publication results, result statistics are analyzed in the department meetings and then in HODs meeting and remedial measures were taken based on the feed back.

**2.13 Initiatives undertaken towards faculty development**

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses conducted by University	6
UGC – Faculty Improvement Programme	27
HRD programmes	-
Orientation programmes conducted by University	21
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	-
Others	-

**2.14 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	13	-	-	20
Technical Staff	15	-	-	10

## Criterion – III

### 3. Research, Consultancy and Extension

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

- As 8 departments among 11, are research departments, already the institutional climate is conducive for carrying out research.
- Further,
- IQAC promotes research by recommending the award of cash and appreciation certificates from Management to teachers receiving research grants and publishing research papers with high impact factor
  - promotes interdisciplinary research through National Centre of Excellence on Statistical and Mathematical Modelling funded by Ministry of Human Resource Development, Govt. of India.
  - Sensitize research by conducting periodical meetings and motivational programmes for staff members to apply for research projects through Research Committee

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	4	5	-
Outlay in Rs. Lakhs	-	62.66	135.94	-

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	4	4	-
Outlay in Rs.	-	9.05	11.40	

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	0	120	-
Non-Peer Review Journals	-	-	-
e-Journals	-	05	-
Conference proceedings	-	39	-

#### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	3 yrs	UGC/DST/SERB/ Environ.Forest		62,66,578
Minor Projects	2yrs	UGC	-	9,05,000
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	--	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	2 to 5 yrs	UGC, M& EAT, CSIR, JRF	-	12,70,120
Any other(Specify)	-	-	-	-
Total				84,41,698

**3.7 No. of books published** i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

**3.8 No. of University Departments receiving funds from**

UGC-SAP  CAS  DST-FIST   
DPE  DBT Scheme/funds

**3.9 For colleges** Autonomy  CPE  DBT Star Scheme

INSPIRE  CE  Any Other (specify)

Women Studies Centre  
(Received -Rs. 3,00,000/-)

**3.10 Revenue generated through consultancy**

**3.11 No. of conferences organized by the Institution**

Level	International	National	State	University	College
Number	-	4	22	-	-
Sponsoring agencies	-	UGC Seminar grant	UGC Autonomy grant	-	-



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

3.13 No. of collaborations International  National

Any other  (MOU of Young Indians and Department of Commerce)

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From Funding agency  From Management of University/College

Total

3.16 No. of patents received this year Nil

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

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year 2014-2015

Total	International	National	State	University	Dist	College
-	-	-	-	-	-	1

- Dr.C.Jothi Baskara Mohan has Received Shri. P.K.DAS Memorial Best Faculty Award 2014 and a Cash prize of Rs.5000 for Business Administration at Nehru Group of Institution, Coimbatore on 19.07.2014.

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

and students registered under them 2014-2015

3.19 No. of Ph.D. awarded by faculty from the Institution 2014-2015

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

JRF  SRF  Project Fellows  Any other

### 3.21 No. of students Participated in NSS events:

University level	1021	State level	-
National level	-	International level	-

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

University level	15	State level	29
National level	31	International level	-

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

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

### 3.24 No. of Awards won in NCC:

University level	15	State level	62
National level	10	International level	-

### 3.25 No. of Extension activities organized

University forum	-	College forum	09
NCC	58	NSS	11
		Any other	-

### 3.26 Major Activities during the year 2014-15 in the sphere of extension activities and Institutional Social Responsibility

College NCC Army, NCC Navy, NSS, YRC and Rotract Club units and the individual Departments take up extension services to the society through various activities listed below:

- NCC Army cadets conducted a one day Cleaning and Tree plantation camp at Govt. school for physically challenged children at Villapuram.
- NCC Army cadets participated in 1) disaster awareness rally and fire prevention demonstration organised Madurai district administration, 2) energy conservation programme organised by 4 Engineers Batalian NCC, 3) rally to disseminate the ill effects of plastics and advantages of rain water harvesting, 4) cycle rally on oil conservation organised by Indian Oil Corporation, Madurai and inaugurated by District Collector and 5) world water day rally
- NCC Army cadets visited Annai Sathya Government Orphanage and distributed pen and pencils to the students inmates.
- NCC Navy cadets participated in the 1) rally marking the “International day against drug abuse and illicit trafficking,” 2) in the “Rain water harvesting awareness rally” 3) in the disaster management awareness rally and 4) Guard of honour rally for the Governor of Tamil Nadu during Madurai Kamaraj University Convocation day

- NCC Navy cadets assisted in security and crowd maintenance at Meenakshi Amman Temple's Chitirai Thiruvizha celebrations from 25.09.14 to 03.10.14
- NCC Navy cadets as part of Swachh Bharat Abhiyan took part in a cleanliness drive at Madurai Railway station
- NSS volunteers participated in the rally on 1) Women abuse and sexual harassment, 2) Dengue vector eradication programme in the campus, 3) Swachh Bharat clean India campaign at Gomathipuram, 4) Dengue awareness programme at Puliankulam
- The YRC unit of our Institution has received "Certificate of Appreciation Award" for best performance in YRC movement for the year 2013 – 2014 by IRCS, Tamil Nadu Branch
- Members of Rotract Club participated in the 1) rally against Women's Abuse 2) signature campaign for stop acid attack against women 3) traffic awareness rally 4) pulse polio camp 5) anti-corruption signature campaign
- NCC Army, NCC Navy, YRC volunteers, Students, Alumni donated blood in large number in various Blood donation camps

• **The details of extension activities conducted by the departments under UGC Autonomy grant:**

Department	Date	Programme Theme	Target Group
Tamil	18. 02. 15	'அறம்சார் வாழ்வு'	அரசு உயர் நிலைபள்ளி புளியங்குளம் - பயன்பெற்ற மாணவர்கள் - 120
English	9 to 15 October, 2014	Conducted classes in Grammar for 10 Hrs for the students of Class IX	Manimegalai Corporation School, Kamarajar Salai, Madurai
Economics	09.09.2014 & 10.09.2014	Essentials of Economics	+1 and +2 School students of Government Higher Secondary School, Thiruvathavur
Business Administration	28.10.14	Special training programme for School Students on "Soft Skill Development"	Ponmudiyar Girls Corporation Higher Secondary school, Madurai
Mathematics	26.02.15 and 03.03.15	VI, VII, VIII, IX standard students (Mathematical Quiz etc.,)	Thiagarajar Mills Hr.Sec. school, Kappalur, Mdu
Chemistry	08.09.2014	Health awareness program- "Awareness on Adulteration and Health"	Government Higher Secondary School, Silaimaan Madurai-9.
Botany	October 2014	Rural biotechnologies for organic farming and agro waste recycling"	P.N.U.A.P.T Dorairaj Hr. Sce. School, Madurai
Zoology	24.02.2015	class 8 <sup>th</sup> students were exposed to various basic analytical and diagnostic techniques used to clinical laboratory	Sri Meenakshi Sundareshwarar Higher Secondary School, Madurai
Computer Science	08.09.2014	"Computer Awareness Program".	School students, Thiagarajar Mills Hr.Sec.School, Kappalur

## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities: 2014-2015

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	13.1 acres	-	-	13.1 acres
Class rooms	58	-	-	58
Laboratories	16	01	MHRD	17
Seminar Halls	4			4
No. of important equipments purchased ( $\geq$ 1- 0 lakh) during the current year.	-	25	UGC	25
Value of the equipment purchased during the year (Rs.)	-			
Others	-	-	-	-

#### 4.2 Computerization of administration and library

- ICT services are used for administrative purposes
- Library is automated using through OPAC system
- Library is provided with internet access

#### 4.3 Library services:

- The library houses about 99891 books on various subjects
- A rare collection of ancient Tamil and English literature books are available
- It facilitates issue of bar coded ID Cards to all students and staff.
- Journals, periodicals and back volumes are readily available for scholars

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	86548	-	4873	-	91421	-
Text Books (SF)	4341	-	-	-	4341	
Reference Books	3967	-	162	-	4129	-
e-Books					5200	
Journals/Periodicals	12+61+ 31	-	10	-	114	-
e-Journals	UGC- Inflibnet-NLIST					
Digital Database	OPAC System					
CD & Video	164	-	20	-	184	-
Others (specify)						

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	179	88	65	-	-	22	52	17
Added	17	-	-	-	-	02	15	-
Total	196	88	65	-	-	24	67	17

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

- Office staff are trained in e-Governance
- Computer with internet facilities has been provided to all the departments for administrative, teaching and research purposes
- Fiber optic cables

#### 4.6 Amount spent on maintenance in lakhs: 2014-2015

i) ICT	Rs. 2.23 lakhs
ii) Campus Infrastructure and facilities	Rs.4.11 lakhs
iii) Equipments	Rs.16.50 lakhs
iv) Others	Rs.0.80 lakhs
Total:	Rs. <b>23.64</b> lakhs

## Criterion – V

### 5. Student Support and Progression

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

IQAC facilitates dissemination of student support services through the following means.

- A detailed information about the student support services are provided during orientation programme on the entry point itself for the freshly enrolled students
- Government scholarships, Management Scholarships, Scholarships from private organizations, insurance schemes, evaluation pattern, examination schedule, Part V programmes, Post Office, Bank service etc.,
- The facilities available for students are given in the college website and college handbook regularly
- Notices are in related through general notice boards & departmental notice boards
- Class room wise circulars are served based on need.
- Information are disseminated through periodical student's council meeting

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

##### Student's progression is tracked through:

- Result analysis in the Awards committee meeting in the presence of University and Management nominees.
- Feed back and suggestions from the management based on the result statistics.
- Mentors through mentor - ward system.
- Parent Teacher Meetings conducted once a semester.
- Placement records are prepared every year.
- Opinions from HRs of IT and other industries and recruiting companies on campus.

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

UG	PG	M.Phil	Ph.D	Total
2856	621	116	32	3625

(b) No. of students outside the state:

-

(c) No. of international students

Nil

Men

No	%
1806	49.9

Women

No	%
1816	50.1

Last Year 2013-2014						This Year 2014-2015					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
561	529	15	2321	42	3468	299	568	15	2727	16	3625

Demand ratio

1: 4

Dropout %

3.86%

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

No. of student beneficiaries

- Workshop on Corporate Expectations was conducted for final year UG students on 08.10.14
- Training on Logical reasoning skill for competitive examination was conducted on 08.10.14
- Training on English Language Skill was conducted on 08.10.14 for final year UG students on 09.10.14
- Training program on Quantitative Aptitude for competitive examinations was conducted on 10.10.14
- Training program on “Logical reasoning and Quantitative Aptitude for competitive examinations was conducted on 10.10.14
- Training program on “Soft Skill Development” was conducted on 14.10.14
- Pre Placement Orientation program for “Karur Vysya Bank” was conducted on 11.02.15
- Special Training Program on Group Discussion and Interview Technique was conducted on 26.03.15

5.5 No. of students qualified in these examinations

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

Department	No. of Students qualified in these examinations								
	NET	SET/SLET	GATE	MAT	IAS/IPS etc	State PSC	UPSC	TET	others
English	-	-	-	-	-	-	-	4	1
Busi. Admin	-	-	-	6	-	-	-	-	-
Zoology	-	-	-	-	-	1	-	-	-
<b>Total</b>	-	-	-	6	-	1	-	4	1

## 5.6 Details of student counselling and career guidance

- Counseling are given to Students periodically by the Mentor, HODs and student counseling centre, inviting leading Doctors, counselors, psychiatrist
- Women's study centre organized guest lectures on "Success stories of some women achievers", "Psycho education and student counseling", "Emotional Intelligence and Gender Equity", "Stress Management and Emotional Wellbeing"
- The career guidance cell and Girl Students Counselling cell organized programmes to sensitize students in social issues, gender inequality, stress, youth abuse, communal violence etc.

No. of students benefitted

<b>800</b>
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## 5.7 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
06	120	84	-

## 5.8 Details of gender sensitization programmes

Date	Organization	Title	Target People	Speaker
12.03.2014	<i>M.S.Chellamuthu Trust and Research foundation, Madurai</i>	<i>Psychoeducation and Student Counselling</i>	Staff Members (Men & Women)	1. Dr.C.RamaSubramanian & Mr. K.S.P. Janardhan Babu, <i>M.S.Chellamuthu Trust and Research foundation, Madurai.</i> 2. Dr. Helen Christina, Assistant Professor in Zoology, Sri Meenakshi Government College, Madurai.
13.08.2014	Thiagarajar Craft Foundation	Madurai Malli: Capacity Building & Self Employment Opportunities	I & II UG Girl Students	Inaugural Address: Dr. C. Chinnusamy, Dean, Agricultural College and Research Institute, Mdu.  Dr.B. Bakiyathu Saliha, Asst. Prof. Department of Soils and Environment, (i/c) Business Process & Development Unit Agricultural College and Research Institute, Mdu
10.09.2014	-----	Workshop on Emotional Intelligence and Gender Equity	I & II UG Girl Students	Session I : Yoga for Health and Well Being - Mr. Yashpal Singh, Director, Sivananda Yoga Centre, .K.K.. Nagar, Madurai.  Session II: "Meditation for Emotional Intelligence"-



				Brahmakumari Rani, RajaYoga Trainer, Brahamakumaris, Mdu.
24.02.2015	-----	Special Lecture - Student Psychology and Emotional Intelligence	Newly Recruited Staff of our college	1.Key note address: Gender Role and Student Psychology MR. JIM JESUDOSS ChildDevelopmentProfessional & Child Right Activist, Mdu 2. Cyber Crimes Mrs.S.Kausalya, SI, Madurai North 3. Interactive Session on 'Emotional Intelligence' Dr. Helen Christina Assistant Professor of Zoology Counselor & Psychotherapist Sri Meenakshi Government College for Women, Madurai.
14.03.2015	-----	Stress Management and Emotional Wellbeing	Assistant Professor and Lecturers in all Department	1. Dr. K. Sekar HOD of Psychiatric Social Work, NIMHANS, Bengaluru 2. Dr. A. Pragatheswaran Chief Civil Surgeon Medical Director(Honorary) Guru cancer Institute, Madurai 3. Interactive Session on 'Emotional Wellbeing' Dr. Helen Christina Assistant Professor of Zoology Counselor & Psychotherapist Sri Meenakshi Government College for Women, Madurai.
21.01.15	--	Healthy Interpersonal Relationship	Girl Students	Dr. Cynthia Mary Mathew, Associate Professor in Psychology, Lady Doak College, Madurai

## 5.9 Students Activities

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

State/ University level  National level  International level

### No. of students participated in cultural events

State/ University level  National level  International level

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

Sports: State/ University level  National level  International level

Cultural: State/ University level  National level  International level

### 5.10 Scholarships and Financial Support

	Number of Students	Amount Rs.
Financial support from institution	5	34,000/-
Financial support from government	1499	43,39,417/-
Financial support from other sources	4	15,600/-
Number of students who received International/ National recognitions	-	-

### 5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

### 5.13 Major grievances of students (if any) redressed:

- Provision of RO purified water has been made in all the departments.
- Grievances of students in the Student Council meetings were recorded and redressed through of various committees.
- Grievances of hostels (both boys & girls) were recorded and redressed through various committees viz., food committee, sports committee etc.,

## **Criterion – VI**

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

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

**Vision:** To serve the society by providing affordable Quality Higher Education to all at all time

**Mission:** To provide a gender friendly academic ambience that ensures knowledge acquisition through student teacher synergy resulting in character development and career readiness.

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

Yes.

- The college has developed a Campus Management System as an integrated solution for complete computerization of day today activities. It is built on the most futuristic and highly sophisticated open source software viz., PLP and MYSQL.
- The management information system is functioning in the institution for strategic supervision, decision making, execution and implementation

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

##### **6.3.1 Curriculum Development**

- a. A senior staff member with a separate office and support staff is functioning as Dean, Curriculum Development with the following functions:
  - Conduct of Board of Studies meeting and Academic Council meeting as per the requirements
  - Revision of course structure and syllabus once in three years following the norms of UGC/TNSHE/Madurai Kamaraj University, Madurai.
  - Conduct of Academic audit.
- b. Inclusion of Alumni, Industrial experts and students in the Board of Studies and Academic Council.

##### **6.3.2 Teaching and Learning**

- Crash course for newly recruited faculty members are conducted.
- Faculty development Programme (FDP) is conducted for senior staff members
- Encouraging staff members to attend seminars, conferences and workshops
- Provision of ICT facilities for taking classes
- Motivating staff members to carry out research leading to Ph.D., degree
- General library is periodically upgraded with books of recent publications
- All departments are provided with departmental libraries for benefiting staff and students.

### **6.3.3 Examination and Evaluation**

- a. The CoE's office is provided with enough facilities for
  - printing question papers
  - printing marks statements & hall tickets with colour photographs of students
  - lamination of consolidated marks statement
- b. Double valuation system for PG courses
- c. Transparency in valuation system with revaluation, retotalling and provision for scanned copies of answer scripts.
- d. Exams are conducted and the results are declared as per the academic calendar promulgated at the beginning of the academic year.
- e. Online payment of remuneration to internal staff members

### **6.3.4 Research and Development**

- Faculty members are encouraged to apply for Major research / Minor research project to various funding agencies for financial assistance.
- Financial assistance is provided by the Management to faculty members and students to present papers in abroad.
- There is a separate research committee which monitors the research and development activities of the college.
- Award of cash and appreciation certificates from Management to teachers
  - a. receiving research grants and
  - b. publishing research papers with high impact factor

### **6.3.5. Library, ICT and physical infrastructure / instrumentation**

- a. Library - Allocation of adequate funds to
  - purchase books of recent publications
  - computer and internet facilities
  - automation related works
  - 5S implementation
- b. Physical infrastructure:  
periodical repair and maintenance of physical infrastructure are being carried out.
- c. Instrumentation:
  - Procurement of state of the art equipments by utilising UGC – IMF grant
  - Repair and maintenance of existing instruments

### **6.3.6. Human Resource Management**

- Under the guidance of the President, Vice President and Secretary of the college, the Principal constitutes various committees to promote inclusiveness of staff members in planning and execution of activities in the college.
- Each committee is being given specific responsibilities.
- IQAC monitors the activities of the committees.

### **6.3.7. Faculty and staff recruitment:**

- Faculty and staff are recruited as per the guidelines of the Government of Tamilnadu.
- Faculty and staff are being appointed for the regular unfilled vacancies in aided posts salaried by the Management on ad hoc basis.
- Faculty and Staff for all Self Finance courses are recruited based on the recommendations of the committees with external experts constituted by management.

### **6.3.8. Industry Interaction / Collaboration**

- The P.G & Research Department of Chemistry has MOU with National Centre for Catalysis, IIT Madras, Chennai and V-Guard, Cochin.
- Department of Business administration has MOU with New York Institute of Technology(NYIT), CERT Technology Park, Abu Dhabi-UAE.
- The Department of Botany has collaboration with the Welex Laboratories Pvt. Ltd., Worli, Mumbai whereby the company is obtaining plant identification services from the department.
- Memorandum of Understanding between Thiagarajar college (Department of Zoology), Madurai, BITS-PILANI (Department of Biology) Hyderabad-5000078 and M. S. Chellamuthu Trust and Research Foundation, Madurai on 31-03-2014.
- Our College is having collaborations with Confederation of Indian Industry (CII), , Indian National Trust for Art and Cultural Heritage (INTACH) and Indian Women Network (INW).
- College has MOU with Young Indians (YI), CII Madurai.

### **6.3.9. Admission of Students:**

- As per State Government reservation policy.
- Transparency in admission is followed by displaying the Selection lists in college notice boards.
- Admission for full time Ph.D., research is systematized and held once in six months through entrance test and interview by research committee as per Madurai Kamaraj University guidelines

## **6.4 Welfare schemes for**

### **a. Staff:**

- Personal loans can be availed by staff members from Staff Welfare Association and THIRIFT society
- Financial assistance is provided by the Management during medical emergency

### **b. Students:**

- All students are covered under group insurance scheme.
- Management scholarships for deserved students.
- Monitoring assistance for accident victims among students from Staff Association.
- Cash prizes for NCC Army cadets excelling in academic and NCC activities by ANO.

**6.5 Total corpus fund generated**

Rs. 10 lakhs

**6.6 Whether annual financial audit has been done**  Yes  No**6.7 Whether Academic and Administrative Audit (AAA) has been done?**

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	MKU	Yes	Management
Administrative	Yes	JDC's office AG's office	Yes	Management

**6.8 Does the Autonomous College declares results within 30 days?**For UG Programmes Yes  No For PG Programmes Yes  No **6.9 What efforts are made by the Autonomous College for Examination Reforms?**

- Activity based assessment for Part V programmes were introduced.
- Registration for writing arrear examination by outstation private candidates has been facilitated by posting the application forms in the college website.
- Online publication of results
- Complete securitization of question papers to avoid repetition of questions, typographical, grammatical and related errors.

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

Experts from the Madurai Kamaraj University participate in the Board of Studies, Academic Council and Awards committee meetings and contribute their ideas for quality enhancement.

**6.11 Activities and support from the Alumni Association**

- Alumni EC Meetings were conducted
- Alumni meetings are conducted at Department level.
- Various programmes like Guest lectures / extension activities are conducted by Alumni
- A One day camp was organized in 11<sup>th</sup> January 2015 at Konthagai village by NCC Alumni
- Our alumni extend their service by donating blood when there is a need.

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

- Parent Teacher Association meetings for the odd semester was held on 20.08.14. Parents visited the college and interacted with teachers in their respective departments. A total of 912 parents participated in the meeting.
- Parent Teacher meeting for the even semester was conducted on 10.01.2015 Parents interacted with the Principal and the teachers. A total of 1098 parents participated in the meeting
- Feed back / suggestions were recorded for future plan of actions

## **6.13 Development programmes for support staff**

- Computer Literacy programmes were organized for the benefit of the supporting staff

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

- The campus is plastic free and Tobacco free. Vegetarianism is practised in canteen and hostel mess.
- Mini gardens are maintained at various places in the campus
- Separate waste collectors were placed for biodegradable and non –biodegradable wastes
- Water recycling is done regularly
- Recycled water is used for watering plants
- Rain water harvesting units are attached to all buildings.

## **Criterion – VII**

### **7. Innovations and Best Practices**

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

- Introduction of value education papers during III and V Semesters besides the one in the I semester
- Cash award and appreciation certificates are given to staff who publish research papers in International / National Journals with high impact factor
- Best teacher award to teaching faculty
- Recognition of non teaching staff
- Implementation of 5S

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

- State level students seminars are conducted both in odd and even semesters utilizing UGC autonomy grant
- Department Association activities are held periodically
- Special lectures are organized
- Various activities are conducted to inculcate interpersonal skills
- Extension programmes under UGC autonomy grant are conducted
- NCC Army and Navy units conducted parades, camp, rallies, tree plantation and related activities

- NCC Army wing conducted Swachh Bharat Programme
- NSS units conducted different programmes like awareness programme, Blood donation camps, campus cleaning
- The Department of Physical Education organized Departmental events /Zonal level events / University level events / sports day
- The progress of the activities are reviewed in HoDs and Council meetings

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

- Appointment of staff and admission of students are merit based as per the guidelines of UGC/TN Govt./MKU
- Award of cash and appreciation certificates from Management to teachers
  - i) receiving research grants and
  - ii) publishing research papers with high impact factor
- Conduct of State Level Students’ Seminar by every department in each semester
- Maintaining eco-friendly campus

*\*Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

**7.4 Contribution to environmental awareness / protection**

Water treatment technologies are used for treating underground bore well water and waste water suggested by Environmental Enhancement Centre and the Nature Club of Thiagarajar College with the microbial culture. An alumnus was trained in this technique and he is supported by the College Management for his service on this work.

Fire safety program was conducted by Ush Fire safety equipments (P) Ltd from Chennai for the students

To save electricity, tube lights have been replaced by LED lights in a graded sequence.

Date	Place	Event	Activities	Beneficiaries/Stakeholders
9.11.2014	D.N. Higher Sec. School, Keezha Anupanadi	Extension Activity	Tree Planting, Vermicomposting	Students of 9 <sup>th</sup> and 11 <sup>th</sup> Std., Green Club students and teachers – 60 participants
19.12.2014	Thiagarajar College Campus	Tree Walk	Trees identification, historical and ethno-medicinal values	UG (Botany and Physics) students of Thiagarajar College – 50 participants
22.01.2015	Thiagarajar College	‘Food the we have: An Insight’	Demonstration on safety food Screening of a documentary film ‘Slow Poisoning of India’	UG (Botany), PG (Maths, Physics, Chemistry, Botany and Zoology Students) – 225 participants

**7.5 Whether environmental audit was conducted?** Yes  No



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

STRENGTHS	WEAKNESS
<p><b>Management</b></p> <ul style="list-style-type: none"> <li>• Transparency in admissions and appointments</li> <li>• No capitation fee is collected</li> <li>• Membership in different academic bodies</li> <li>• Membership in State planning commission</li> <li>• Recipient of Kamarajar award from Government of Tamil Nadu for 30 years of service in managing educational Institutions</li> </ul> <p><b>Staff</b></p> <ul style="list-style-type: none"> <li>• 80% of the teachers are Ph.D holders</li> <li>• Operating many major and minor research projects and guiding doctoral degree candidates</li> <li>• Technically sound support staff</li> </ul> <p><b>Students</b></p> <ul style="list-style-type: none"> <li>• having rural background with positive attitude</li> <li>• ratio of boys and girls is 1:1</li> <li>• gender friendly atmosphere</li> </ul> <p><b>Campus</b></p> <ul style="list-style-type: none"> <li>• established departmental libraries and general library</li> <li>• well equipped laboratories</li> <li>• traditional buildings</li> <li>• hostel facilities for both boys and girls inside the campus</li> <li>• eco friendly campus</li> </ul> <p><b>Curriculum</b></p> <ul style="list-style-type: none"> <li>• Choice based credit system</li> <li>• Revision of syllabus once in 3 years</li> <li>• Need based curriculum</li> </ul> <p><b>Student support Units</b></p> <ul style="list-style-type: none"> <li>• Sports, NCC (Army) NCC (Navy), NSS, YRC, Value Education Centre, Blood Donor's Club, Alumni Association, Rotract Club, Fine Arts</li> <li>• Career Guidance Cell, TECA, Placement Cell</li> <li>• Language Lab,</li> </ul> <p><b>Centres</b></p> <ul style="list-style-type: none"> <li>• National Centre of Excellence, MHRD</li> <li>• Women's Study Centre, UGC</li> <li>• Tamil Musical Research Centre</li> </ul>	<ul style="list-style-type: none"> <li>• Consultancy Services are meagre.</li> <li>• Automation in initial stages.</li> </ul>
OPPURTUNITIES	CHALANGES
<ul style="list-style-type: none"> <li>• Research Collaboration at National and International level</li> <li>• Industry and Institutional tie ups</li> <li>• More on campus and off campus placements</li> <li>• More avenues for Regional language scholars</li> <li>• Promotion of Institutional social responsibility</li> </ul>	<ul style="list-style-type: none"> <li>• To meet the huge increase in demand ratio for the courses offered.</li> <li>• Improving communication skills</li> </ul>

## **8. Plan of institution for next year (2015-2016)**

- Internal Academic Audit.
- Formation of Human Resources Development Cell (HRDC).
- Enhancing the activities of the forums Towards Employability and Career Advancement programme (TECA).
- Establishing Entrepreneur Development Cell (EDC).
- Conducting Faculty training programmes.
- Conduct a National level seminar sponsored by NAAC.
- Upgradation of National Centre of Excellence funded MHRD as a Recognized research centre and to approach MHRD for further release of funds.
- Upgrading the Department of Commerce as research department.
- Upgrading the Department of Business Administration as research department.
- Release of IQAC News letter twice a year.
- Improving 5S implementation.
- Rain water harvesting in the Main block.
- Construction of Ladies Rest room with Toilet facility and gent's toilet facility.
- Constuction of 3<sup>rd</sup> floor in the new block.
- Construction of an Auditorium.

*Name Dr. D. Pandiaraja  
Coordinator, IQAC*

*Name Dr. M. Eyini  
Chairperson, IQAC*