

MAR IVANIOS COLLEGE, TRIVANDRUM
The Annual Quality Assurance Report (AQAR) of the IQAC
2013-2014

Part – A

I. Details of the Institution

1.1 Name of the Institution	MAR IVANIOS COLLEGE
1.2 Address Line 1	MAR IVANIOS VIDYA NAGAR
Address Line 2	NALANCHIRA P.O
City/Town	TRIVANDRUM
State	KERALA
Pin Code	695015
Institution e-mail address	info@mic.ac.in
Contact Nos.	0471-2531053
Name of the Head of the Institution:	Dr. Mathews Cherian
Tel. No. with STD Code:	0471-2531053
Mobile:	9496376066

Name of the IQAC Co-ordinator:

Dr JIJIMON K THOMAS

Mobile:

9447205190

IQAC e-mail address:

iqac.mic@gmail.com

1.3 NAAC Track ID (For ex. MHCOGN 18879)

1.4 NAAC Executive Committee No. & Date:

(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)

1.5 Website address:

miciqac.com

Web-link of the AQAR:

miciqac.com/aqar

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

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	Accredited	-	1999	1999-2004
2	2 nd Cycle	A	85.2	2005	2005-2010
3	3 rd Cycle	A	3.11	2011	2011-2016
4	4 th Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

01/06/2001

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

2013-2014

1.9 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 2011-2012 _____ (02/08/2014)
- ii. AQAR 2012-2013 _____ (02/08/2014)
- iii. AQAR 2013-2014 _____ (02/05/2015)
- iv. AQAR 2014-2015 _____ (DD/MM/YYYY)

1.10 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

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (for the Colleges)

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

Autonomy by State/Central Govt. / University	<input type="text"/>		
University with Potential for Excellence	<input type="text"/>	UGC-CPE	<input type="text" value="√"/>
DST Star Scheme	<input type="text" value="√"/>	UGC-CE	<input type="text"/>
UGC-Special Assistance Programme	<input type="text"/>	DST-FIST	<input type="text" value="2008-2013"/>
UGC-Innovative PG programmes	<input type="text"/>	Any other (<i>Specify</i>)	<input type="text"/>
UGC-COP Programmes	<input type="text"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="8"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="1"/>
2.3 No. of students	<input type="text"/>
2.4 No. of Management representatives	<input type="text" value="1"/>
2.5 No. of Alumni	<input type="text"/>
2. 6 No. of any other stakeholder and community representatives	<input type="text" value="2"/>
2.7 No. of Employers/ Industrialists	<input type="text"/>
2.8 No. of other External Experts	<input type="text" value="2"/>
2.9 Total No. of members	<input type="text" value="11"/>
2.10 No. of IQAC meetings held	3
2.11 No. of meetings with various stakeholders:	No. <input type="text" value="2"/> Faculty <input type="text" value="3"/>

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

2.14 Significant Activities and contributions made by IQAC

-

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 *

Plan of Action	Achievements
(1) Documentation of activities	(1) Done effectively
(2) Effective measures for feedback from stakeholders and implementation of recommendations (3) Task of AUTONOMY PREPARATION	(2) Feedback – implementation (3) Autonomy applications submitted.

* 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

Provide the details of the action taken

Part – B

Criterion – I

I. 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	6	-	-	-
PG	8	-	-	2
UG	10	-	-	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	1	-	-	-
Others	-	-	-	-
Total	25	-	-	2

Interdisciplinary	NIL	NIL	NIL	NIL
Innovative	NIL	NIL	NIL	NIL

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	18
Trimester	NIL
Annual	NIL

1.3 Feedback from stakeholders*

(On all aspects)

	Alumni	Parents	Employers	Students
Mode of feedback :	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	Online	Manual	Co-operating schools (for PEI) <input type="checkbox"/>	

**Please provide an analysis of the feedback in the Annexure*

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

1. New syllabus for Autonomy prepared.
2. New papers. Modules are added.
3. FDP CBCSS, PG-MSc (Physics)
4. Syllabus of open course offered for UG course by Dept. of Mathematics is revised and certain inclusions as well as exclusions were effected.
5. Syllabus of PG course is revised completely; certain new papers were introduced; certain relevant optionals were also included.

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

Additional Skills Acquisition Programme of the Kerala Govt implemented

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
101	37	49	NIL	15

2.2 No. of permanent faculty with Ph.D.

43

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year 2013-14

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
4	6	-						4	2

2.4 No. of Guest and Visiting faculty and Temporary faculty

15

6

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	12	10	5
Presented papers	5	10	-
Resource Persons	-	-	-

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

- 1) Interactive Board, OHP
- 2) Multimedia and interactive Smart Board
- 3) Publishing monthly lab journals, production of PSA, short fiction and documentaries

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

195

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

-

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

18

10

10

2.10 Average percentage of attendance of students

90%

2.11 Course/Programme wise
distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
UG	250	20	50	20	10	
PG	28	5	10			

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

Formal feedback by the Principal and Informal feedback by Faculty advisors

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	5
UGC – Faculty Improvement Programme	1
HRD programmes	1
Orientation programmes	1
Faculty exchange programme	5
Staff training conducted by the university	1
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	24
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	15			
Technical Staff	22	4		

Criterion – III

3. Research, Consultancy and Extension

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

Motivating teachers for their active involvement in research activities leading to PhD programmes. Information on submission of research projects from UGC, DST, ISRO, DRDO etc.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	2	2	1	6
Outlay in Rs. Lakhs	55	28	16	34

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number		1		3
Outlay in Rs. Lakhs		3.2 lakhs		2,30,000.00

3.4 Details on research publications

	International	National	Others
Peer Review Journals	55	8	
Non-Peer Review Journals			
e-Journals			
Conference proceedings	5	34	

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	2	DST, KSCSTE, CSIR	55 lakhs	25,00,000
Minor Projects	2013-2014	UGC	1,80,000	1,50,000
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	2013	KSCSTE	12,890	12,890
Any other(Specify)	-	-	-	-
Total	-	-	56,92,890	26,62,890

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)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	1		2	
Sponsoring agencies		DST, UGC.DRDO		University	

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

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College
 Total

3.16 No. of patents received this year

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

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

Total	International	National	State	University	Dist	College
	1	1		5		

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

41

80

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

7

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 State level
National level International level

3.22 No. of students participated in NCC events:

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

3.25 No. of Extension activities organized

University forum	3	College forum	10		
NCC	2	NSS	2	Any other	SFC-10

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

- Awareness programme for Science Education and Research
- Organized ‘Lens and Brushes’
- Visit to Home of the Destitute.
- Collected Rs. 120000 for victims of accident, diseases.
- Science Facilitation centre –Training for school children
- Blood donation
- House construction for poor

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	25Acre	NIL	Management	25Acr
Class rooms MA (Mal)- 400 sq.ft	46	5	Management	51
Laboratories (Zoo – 800 sq.ft)	24	3	DBT Star FIST, UGC	27
Seminar Halls	6	1	Management,UGC	7
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	40	11	UGC, FIST Star	51
Value of the equipment purchased during the year (Rs. in Lakhs)	200 lakhs	50 lakhs	DST,UGC,STAR, Management	250 lakhs

Others(Water purifier, Computers,Internet expansion,etc)	-	5 lakhs	Management, UGC	5 lakhs
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4.2 Computerization of administration and library

4.3 Library services:

7 computers

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	52246	-	1092	209753	53398	-
Reference Books	11648		232	91668	11888	
e-Books			97000	5000	-	5000
Journals			133	40420	-	
e-Journals			157	00	00	00
Digital Database			2	00	00	00
CD & Video	500	00	104	00	604	00
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	103	4	Yes	2	3	10	93	
Added	6	1		-	-	-	6	
Total	109	5	2	2		10	99	

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

Wifi access to all departments, IP address to faculty members,online access and uploading student records.

4.6 Amount spent on maintenance in lakhs :

i) ICT

6,52,206

ii) Campus Infrastructure and facilities

2,50,000

iii) Equipments

13,67,402

iv) Others

-

Total : 22.6908 lakhs

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Feedback mechanism
 Awareness orientation programme
 Dept. wise orientation to students and teachers

5.2 Efforts made by the institution for tracking the progression

One to one discussion with faculty members on feedback, Class wise discussion with students, Open house programme with the involvement of class teacher, student and parent,

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1599	244	36	

(b) No. of students outside the state

6

(c) No. of international students

2

Men	No	%
	641	35

Women

No	%
1202	65

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OB C	Physically Challenged	Total
	85	15	80				111	15	90		

Demand ratio 5:1

Dropout % 1%

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

UGC supported Coaching programme for NET examination

No. of students beneficiaries

15

5.5 No. of students qualified in these examinations

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

5.6 Details of student counselling and career guidance

Student counselling are conducted frequently with the help of counselling cell.

No. of students benefitted

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
8	200	10	2

5.8 Details of gender sensitization programmes

Nil

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
Financial support from institution	-	-
Financial support from government	600	10573410
Financial support from other sources		
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: NIL

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

<p>Vision: To achieve the integral development of human personality ensuring the possibility of living a fully human existence by achieving the core values of excellence in higher education.</p> <p>Mission: To produce intellectually trained, morally upright, socially committed and spiritually inspired young men and women of India to shape the future by preserving our heritage, discovering new knowledge and sharing our resources with the world.</p>

6.2 Does the Institution has a management Information System

No

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

6.3.1 Curriculum Development

One of the faculty members acted as the Chairman of the Curriculum Restructuring Committee in the University level.
The committee held workshops for developing and restructuring UG curriculum. Faculty members were deputed and participated in the workshops for developing and restructuring PG curriculum held by University.
5 faculties represent UG & PG BOS
Revised syllabus based on feedback student scheme, 4 chairpersons

6.3.2 Teaching and Learning

Implementation of technology based teaching learning strategies

6.3.3 Examination and Evaluation

Conduct of regular internal examinations and re-tests.

6.3.4 Research and Development

Expansion of research facilities, e-journal access.
Procurement of research equipments for R&D projects; Research publications.

6.3.5 Library, ICT and physical infrastructure / instrumentation

E-brary (Rs.7 lakhs), E-learning software (Rs. 48000) addition of e-books, digital library, e-journals etc.

6.3.6 Human Resource Management

Teachers sent regularly for orientation course, refresher course and summer schools.

6.3.7 Faculty and Staff recruitment

Strictly follows the guidelines of UGC & Government.

6.3.8 Industry Interaction / Collaboration

Continuing discussion with industry for technology transfer of research output

6.3.9

Strictly Follows the University and government norms

6.4 Welfare schemes for

Teaching	Yes
Non teaching	Yes
Students	Yes

6.5 Total corpus fund generated

Rs.30lakhs

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	No	-	Yes	Principal
Administrative	No	-	Yes	Principal

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

For UG Programmes Yes No

For PG Programmes Yes No

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

University norms

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

University has recommended for autonomy

6.11 Activities and support from the Alumni Association

Regular meetings and frequent interaction .Annual alumni endowment award.

6.12 Activities and support from the Parent – Teacher Association

Regular meetings, financial support, student feedback.

6.13 Development programmes for support staff

Competency building sessions conducted by the management.

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

Bhoomithra club, Environment awareness programmes. Eco club etc.

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.

The College cherishes a distinguished tradition of inviting and honouring men of letters, scientists, and those who render outstanding service to the nation and to the world of higher education.

College chosen for conducting the laboratory course of the fledgling Indian Institute of Space Science and Technology (IIST),

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

Evaluation of academic exercise
Evaluation of club activities
Evaluation of Research out put
Feedback from students and other stakeholders

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

Credit Based Semester System for UG Programmes
Full 3 hour internal test for evaluation of students
Focus on research orientation for teacher and students

as i, ii,iii)

7.4 Contribution to environmental awareness / protection

Water quality measurement to general public.

Bhoomithra club activities

7.5 Whether environmental audit was conducted? Yes No

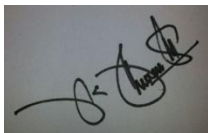
7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

8. Plans of institution for next year

1. Health awareness classes, medical camp.
 2. Lecture series on thrust areas
 3. Field study trip, nature camp, Association activities
 4. Extension activities – waste management
 5. Propose to conduct one International Conference ICOPVS - 2014

Name : DR JIIMON K THOMAS

Name: DR MATHEWS CHERIAN



Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

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