

# The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC.

## Part – A

### I. Details of the Institution

1.1 Name of the Institution	<b>Maharaja's College</b>
1.2 Address Line 1	Park Avenue
Address Line 2	
City/Town	Ernakulam
State	Kerala
Pin Code	682011
Institution e-mail address	principal@maharajas.ac.in
Contact Nos.	0484 2363038
Name of the Head of the Institution:	Dr. K. N. Krishnakumar
Tel. No. with STD Code:	0484 2363038
Mobile:	9497822555
Name of the IQAC Co-ordinator:	Dr. Vineeth. K. M.
Mobile:	9995217926
IQAC e-mail address:	
1.3 NAAC Track ID ( <i>For ex. MHC0GN 18879</i> )	
1.4 NAAC Executive Committee No. & Date: <b>EC/63/RAR/54 dated 23/03/2013</b> ( <i>For Example EC/32/A&amp;A/143 dated 3-5-2004.</i> <i>This EC no. is available in the right corner- bottom</i> <i>of your institution's Accreditation Certificate</i> )	
1.5 Website address:	<a href="http://www.maharajas.ac.in">www.maharajas.ac.in</a>

### 1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	3 Star		2000	2000-2005
2	2 <sup>nd</sup> Cycle	A		2006	2006-2011
3	3 <sup>rd</sup> Cycle	A	3.11	2013	2013-2018

1.7 Date of Establishment of IQAC : 2000

1.8 AQAR for the year (*for example 2010-11*) **2017-18**

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC  
2013-14, 2014-15, 2015-16, 2016-17

1.10 Institutional Status : **Autonomous College**

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*) : Mahatma Gandhi University, Kottayam

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

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

## **2. IQAC Composition and Activities**

2.1 No. of Teachers 8

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni 1

2.6 No. of any other stakeholder and community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts 1

2.9 Total No. of members 10

2.10 No. of IQAC meetings held 4

2.11 No. of meetings with various stakeholders: No. Faculty 2

Non-Teaching Staff	Students	Alumni	Others
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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

Enhancing Quality in Higher Education, Revised Accreditation Framework of NAAC

2.14 Significant Activities and contributions made by IQAC

Preparation and Distribution of Teacher's Diary and Student Log Books  
Conduct of Academic Audit to verify the maintenance of records.

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
Implementing Teacher's Diary and Log Books	Ensuring record of engagement of lecture/tutorial/practical hours and other activities
Academic Audit	Ensuring the proper maintenance of records

Academic calendar is that of the affiliated university

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	12	1	NIL	NIL
PG	20	1	NIL	NIL
UG	20	NIL	2	NIL
PG Diploma	NIL	NIL	NIL	NIL
Advanced Diploma	NIL	NIL	NIL	NIL
Diploma	NIL	NIL	NIL	NIL
Certificate	NIL	NIL	NIL	NIL
Others	NIL	NIL	NIL	15
<b>Total</b>	52	2	2	15

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	All UG and PG Programmes
Trimester	
Annual	

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students

*(On all aspects)*

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

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

Followed existing university syllabus for 2015-16 Academic Year

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

NIL

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
176	163	13		

2.2 No. of permanent faculty with Ph.D.

85

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

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

2.4 No. of Guest and Visiting faculty and Temporary faculty

18

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	103	366	51
Presented papers	27	95	8
Resource Persons	1	37	23

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

ICT Enabled Teaching and Learning  
Student Centered Learning

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

183

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

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

128

2.10 Average percentage of attendance of students

86

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B. A. Arabic	14		14			14
B. Sc. Botany	27	22	30			52
B. Sc, Chemistry [Model I]	30	50	30			80
B. Sc. Chemistry [Model III]	24		17			17
B. Com.	23	43	22	4		70
B. A. Economics	48	8	33	4		45
B. A. Economics Honours	22	13	73			86
B. A. English	24	4	42		4	50
B. A. Hindi	35	14	24	14		52
B. A. History	35		11	6		17
B. A. Islamic History	23			22		22
B. A. Malayalam	36	3	19	19	3	44
B. Sc. Mathematics	35	16	26			40
B. A. Music	4					0
B. A. Philosophy	35		14			14
B. Sc. Physics	38	13	26	24	5	68
B. Sc. Physics Instrumentation	28		21			21
B. A. Political Science	40		35	30	5	70
B. A. Sanskrit	10		10	20		30
B. Sc. Zoology	27	23	43	4		69
MA Arabic	10		30	30		60
M. Sc. Botany	10	60	10			70
M. Sc. Chemistry [Pure]	10	60		20		80
M. Sc. Chemistry Anal.	11	55	18			73
M. Sc. Chemistry Pharma	6	50	17			67
M. Sc. Chemistry Applied	6	33	33			67
M. Com.	11	55	9	18	9	91
M. A. Economics	14	14	64			78
M. A. English	14	31	69			100
M. A. Hindi	7	50	7			57
M. A. History	14	12	50			62
M. A. Islamic History	7		29	14	29	71
M. A. Malayalam	18	6	17	33	17	68
M. Sc. Mathematics	21	43	33			76
M. A. Philosophy	11	55	27			81
M. Sc. Physics	15		40	27		67
M. A. Political Science	24		13	25	25	63
M. A. Sanskrit	6		33	17	17	67
M. Sc. Statistics	15	67	7			74
M. Sc. Zoology	13	54	46			100

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

Regularly meeting with department heads, verifying teacher's diary/student logs, conducting result analysis and annually conducting academic audit

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	27
UGC – Faculty Improvement Programme	9
HRD programmes	2
Orientation programmes	2
Faculty exchange programme	0
Staff training conducted by the university	4
Staff training conducted by other institutions	3
Summer / Winter schools, Workshops, etc.	46
Others	25

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	61	2		2
Technical Staff				



## Criterion – III

### 3. Research, Consultancy and Extension

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

Orientation Programmes
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#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		1	1	1
Outlay in Rs. Lakhs		4.5	39	5.45

#### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	4	33	3	4
Outlay in Rs. Lakhs	6.95	96	1140000	340000

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	17	4	7
Non-Peer Review Journals	6	6	17
e-Journals			
Conference proceedings	2	20	3

#### 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 Years	UGC	3900000	3000000
Minor Projects	2 Years	UGC	1140000	1025000
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>			44000	32000
Any other(Specify)				
Total				

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	7	18	11		20
Sponsoring agencies	UGC, DCE, KGSTE				

3.12 No. of faculty served as experts, chairpersons or resource persons 93

3.13 No. of collaborations International National 5 Any other 3

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency 5084000 From Management of University/College  
 Total 5084000

3.16 No. of patents received this year

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

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

Total	International	National	State	University	Dist	College
11	0	2	4	2	0	3

3.18 No. of faculty from the Institution who are Ph. D. Guides 39  
 and students registered under them 87

3.19 No. of Ph.D. awarded by faculty from the Institution 9

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

JRF 15                      SRF 1                      Project Fellows                      Any other 2

3.21 No. of students Participated in NSS events:

University level      44      State level      8  
National level      0      International level

3.22 No. of students participated in NCC events:

University level      26      State level      38  
National level      31      International level      2

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      2      International level      2

3.25 No. of Extension activities organized

University forum                      College forum      12  
NCC                      NSS                      Any other 11

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

## Criterion – IV

### 4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	25 Acres			25 Acres
Class rooms	96			96
Laboratories	20			20
Seminar Halls	7			7
No. of important equipments purchased (≥ 1-0 lakh) during the current year.		9		
Value of the equipment purchased during the year (Rs. in Lakhs)		1		
Others				

#### 4.2 Computerization of administration and library

Office and library is provided with ICT facilities including computers, multi function printers and training

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	120137	7428204	5442	3805017	125579	11233221
Reference Books	13348	924916	604	422780	13953	1347696
e-Books	90000+	5750			90000+	5750
Journals	25	76550			25	76550
e-Journals	6000+	5750			6000+	5750
Digital Database	1	5750			1	5750
CD & Video			104	7345	104	7345
Others (specify)						

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	153	4	19	1	1	20	31	
Added	7						7	
Total	160	4	19	1	1	20	38	

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

Steps initiated for train teachers, students and non teaching staff in ICT environment

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

i) ICT

ii) Campus Infrastructure and facilities

iii) Equipments

**125250**

iv) Others

**426991**

**Total :**

**516241**

## Criterion – V

### 5. Student Support and Progression

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

Conducted induction programme for students regarding CCSS and Student Support Services

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

Result analysis and regular academic audit

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

UG	PG	Ph. D.	Others
1542	471	98	

(b) No. of students outside the state

29

(c) No. of international students

Men	No	%	Women	No	%
	670	32		1418	68

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
417	353	88	1244	16	2139	421	329	72	1198	15	2056

Demand ratio 25

Dropout % 7

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

Regularly conducting NET coaching classes and orientation for other competitive examinations at different departments

No. of students beneficiaries 336

#### 5.5 No. of students qualified in these examinations

NET	21	SET/SLET	4	GATE	CAT	1
IAS/IPS etc		State PSC	3	UPSC	Others	9

## 5.6 Details of student counselling and career guidance

Students counselling and career guidance cell functions at the college and provides necessary support to the students

No. of students benefitted 377

## 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
2	237	43	4

## 5.8 Details of gender sensitization programmes

Programmes were organised by Women's Cell towards gender sensitisation and empowerment.

## 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	5	NIL
Financial support from government	1474	Full Fee
Financial support from other sources	244	681789
Number of students who received International/ National recognitions	NIL	NIL

5.11 Student organised / initiatives  
Fairs : State/ University level 2 National level 1 International level 2

Exhibition: State/ University level 4 National level International level

5.12 No. of social initiatives undertaken by the students 

15
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5.13 Major grievances of students (if any) redressed:  
Condonation of attendance on medical and other permissible grounds

## Criterion – VI

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

6.1 State the Vision and Mission of the institution

<p><b>Vision:</b> To provide quality education to the youth from all sections of the society; especially the deprived and disadvantaged, and to mould them into responsible citizens capable of serving the nation</p> <p><b>Mission:</b></p> <ul style="list-style-type: none"><li>• To provide human resource development at the UG and PG levels with multi-optional facilities in different disciplines</li><li>• To motivate the urban, semi-urban and rural youth towards further pursuit of knowledge</li><li>• To equip them to serve the nation in its march towards self sufficiency and progress in all areas of human endeavour</li><li>• To ensure that our knowledge and expertise serve the needs of the society at large through multi-prolonged extension activities</li></ul>
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6.2 Does the Institution has a management Information System

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

6.3.1 Curriculum Development

Feedbacks sought from stakeholders
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6.3.2 Teaching and Learning

ICT Enabled learning Student centred learning
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6.3.3 Examination and Evaluation

Under Autonomous System  
Double Valuation

6.3.4 Research and Development

Research Committee governing the progress of research in the different departments as approved centres of the university

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library automation in progress

6.3.6 Human Resource Management

State Government Norms

6.3.7 Faculty and Staff recruitment

State Government Norms

6.3.8 Industry Interaction / Collaboration

Different departments planning to collaborate further for joint ventures

6.3.9 Admission of Students

Centralised Online Admission

6.4 Welfare schemes for

Teaching	Staff Hostel
Non teaching	Staff Hostel
Students	Better Amenities

6.5 Total corpus fund generated

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	IQAC
Administrative	Yes	State Govt	No	

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

For UG Programmes      Yes       No

For PG Programmes      Yes       No

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

Double Valuation as per detailed Examination Manual

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

Autonomous status granted

Review Committee of Syndicate visited and found the performance satisfactory

6.11 Activities and support from the Alumni Association

Strong alumni activities in the banner of OSA [Old Students Association] and AOM [Alumni of Maharaja's]

6.12 Activities and support from the Parent – Teacher Association

Regular Induction and Orientation Programmes for Students

Merit Awards

6.13 Development programmes for support staff

Government Training at IMG

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

Restricting the use of Plastics and processing waste

## 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.

Continued Academic Audit

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

Conducted Academic Audit at the end of the year to review the performance of departments

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

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

7.4 Contribution to environmental awareness / protection

Orientation Classes and Celebration of Environment Day

7.5 Whether environmental audit was conducted?

Yes

No

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

Only autonomous college in the State to follow 100% double valuation

### 8. Plans of institution for next year

Reviewing the curriculum and syllabus under the new scheme

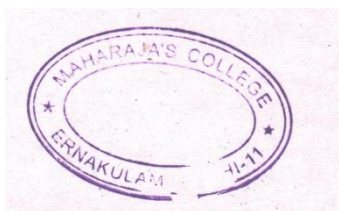
Evaluating and improving the pace of declaration of results.

Name & Signature of the Coordinator, IQAC:

**Dr. Vineeth. K. M.**

Name and Signature of the Chairperson, IQAC

**Dr. K. N. Krishnakumar**



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