

The Annual Quality Assurance Report (AQAR) of the IQAC School of Mathematics

Part – A

1. Details of the Institution

1.1 Name of the Institution	School of Mathematics
1.2 Address Line 1	Vigyan Bhawan,
Address Line 2	Takshashila campus, Khandwa
City/Town	Indore.
State	Madhya Pradesh
Pin Code	452001
Institution e-mail address	knr_k@yahoo.co.in
Contact Nos.	0731-2467023, 0 98260 74387
Name of the Head of the Institution:	Dr. K. N. Rajeswari
Tel. No. with STD Code:	0731-2467023
Mobile:	0 98260 74387

Name of the IQAC Co-ordinator:

Dr. K. N. Rajeswari

Mobile:

0 98260 74387

IQAC e-mail address:

knr_k@yahoo.co.in

1.3 NAAC Track ID (For ex. MHCOGN 18879) **EC/66/RAR/146 dated 21-02-2014**

1.4 Website address:

http://www.math.dauniv.ac.in/

Web-link of the AQAR:

http://www.iqac.dauniv.ac.in/UTDReports.php

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 st Cycle	Four Star		20/09/2000	“Five Years”
2	2 nd Cycle	B grade	2.57 out of 4	16/09/2008	“Five Years”
3	3 rd Cycle	A	3.09	21 .2. 2014	“Five Years”
4	4 th Cycle	N.A	N.A	N.A	N.A

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

21/11/2008

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

2015-2016

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 _____ 2014-15 on 31-07-2015 _____
- ii. AQAR _____ 2015-16 on _03-09-2016_____
- iii. AQAR _____ (DD/MM/YYYY)
- iv. AQAR _____ (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 Men Women

Urban Rural Tribal

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

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

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.11 Name of the Affiliating University (for the Colleges)

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

Autonomy by State/Central Govt. / University

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

3

2.2 No. of Administrative/Technical staff

1

2.3 No. of students

4

2.4 No. of Management representatives

2.5 No. of Alumni

4

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

13

2.10 No. of IQAC meetings held

4

2.11 No. of meetings with various stakeholders:

No.

4

Faculty

4

Non-Teaching Staff

4

Students

4

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
<ol style="list-style-type: none"> 1. Lectures by experts 2. Teachers attending conferences/seminars. 3. Encouraging students to attend advanced academic programmes and to appear in various competitive exams. 	<ol style="list-style-type: none"> 1. One student has cleared GATE. 2. Two students were selected in the campus recruitment.

** 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

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	1	0	0	0
PG	2	0	0	0
UG				
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	3	0	0	0
Interdisciplinary				
Innovative				

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	3
Trimester	
Annual	

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

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

**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.

Choice Based Credit System(revised ordinance 31) has been introduced since July 2015.

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

N.A.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	3	0	2	1	

2.2 No. of permanent faculty with Ph.D. 3

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
	2	1	1	2	0	1	0	0	3	4

2.4 No. of Guest and Visiting faculty and Temporary faculty 4

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended		1	
Presented papers			
Resource Persons		1	

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

2.7 Total No. of actual teaching days during this academic year 218

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

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop 3 3 3

2.10 Average percentage of attendance of students 80%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
M.Sc.	39	16	18	04		
M.Phil.	0					
Ph.D.	0					

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

Through feedback from students, Students' performance in class and examinations.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	
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	2	1	0	0
Technical Staff	1	0	0	0

Criterion – III

3. Research, Consultancy and Extension

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

Teachers are encouraged to attend conferences, seminars etc.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	0	0	0
Outlay in Rs. Lakhs	0	0	0	0

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	0	0	0
Outlay in Rs. Lakhs	0	0	0	0

3.4 Details on research publications

	International	National	Others
Peer Review Journals	2	1	
Non-Peer Review Journals			
e-Journals			
Conference proceedings	5		

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				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>				
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 <input type="text"/>	CAS <input type="text"/>	DST-FIST <input type="text"/>
DPE <input type="text"/>		DBT Scheme/funds <input type="text"/>

3.9 For colleges

Autonomy <input type="text"/>	CPE <input type="text"/>	DBT Star Scheme <input type="text"/>
INSPIRE <input type="text"/>	CE <input type="text"/>	Any Other (specify) <input type="text"/>

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number					
Sponsoring agencies					

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	<input type="text"/>	From Management of University/College	<input type="text"/>
Total	<input type="text"/>		

3.16 No. of patents received this year

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

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

Total	International	National	State	University	Dist	College

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

2

4

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

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

JRF 0
 SRF 0
 Project Fellows 0
 Any other 4

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 College forum
NCC NSS Any other

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				
Class rooms	2			
Laboratories	1			
Seminar Halls	0			
No. of important equipments purchased (≥ 1 -0 lakh) during the current year.		4 computers + An Inverter	UGC XII plan Equipment Grant.	5
Value of the equipment purchased during the year (Rs. in Lakhs)		4.00 lacs	UGC XII plan Equipment Grant.	4.00 lacs
Others	1 photo copier	1 photo copier	UGC XII plan Equipment Grant.	2

4.2 Computerization of administration and library

Automation of library is in progress.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	1532		26	-	1558	
Reference Books						
e-Books						
Journals						
e-Journals						

Digital Database							
CD & Video							
Others (specify) (NBHM complimentary copies)			43			43	

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	24	1						
Added	4	0						
Total	28	1						

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

4.6 Amount spent on maintenance in lakhs :

- i) ICT
- ii) Campus Infrastructure and facilities
- iii) Equipments
- iv) Others
- Total :**

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Career guidance to students like employment opportunities, advanced training programmes etc.,

5.2 Efforts made by the institution for tracking the progression

Through Alumni.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
0	86	04	00

(b) No. of students outside the state

03

(c) No. of international students

00

Men	No	%

Women

No	%

Last Year(2015-16)						This Year(2016-17)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
31	16	11	28	0	80	31	9	9	34	0	83

* First year admissions are in process.

Demand ratio 1:2(seats:applications)

Dropout % 10

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

No. of students beneficiaries

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

Career guidance to students like employment opportunities,
 advanced training programmes etc.,

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
2	25	2	

5.8 Details of gender sensitization programmes

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	2	10,000
Financial support from government	31	4,70,050
Financial support from other sources	2	-
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: _____

Criterion – VI**6. Governance, Leadership and Management**

6.1 State the Vision and Mission of the institution

Vision: Enhance career opportunities of students by making curriculum skill oriented and prepare students to meet challenges in the field.

Mission: Making curriculum skill oriented and prepare students to meet challenges in the field of Mathematics.

6.2

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

6.3.1 Curriculum Development

Referring more e-resources and adopting material from new books.

6.3.2 Teaching and Learning

Encouraging student participation in class and giving exercises to implement the theory taught.

6.3.3 Examination and Evaluation

Making question papers more problem oriented.

6.3.4 Research and Development

Asking teachers to publish articles in peer reviewed journals.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Acquiring recent books, of standard publishers, on topics covered under curriculum.

6.3.6 Human Resource Management

--

6.3.7 Faculty and Staff recruitment

--

6.3.8 Industry Interaction / Collaboration

--

6.3.9 Admission of Students

By improving the quality of entrance examination question paper.
--

6.4 Welfare schemes for

Teaching	
Non teaching	
Students	

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	Yes	Experts from other universities	Yes	Departmental IQAC committee.
Administrative				

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?

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

6.11 Activities and support from the Alumni Association

Alumni Association assists department as and when required.

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

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

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.

Use of e-resources has positive impact.

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

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

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

Organizing National Seminars/Guest lectures on recent advances in the subject. Improve infrastructural facilities.

Name *Dr. Mahesh N. Dumaldar*
the Coordinator, IQAC

Name *Dr. K. N. Rajeswari*
the Chairperson, IQAC
