

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. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

Part – A

1. Details of the Institution

1.1 Name of the Institution

Shri. Mathuradas Mohota College of

1.2 Address Line 1

Umrer road

Address Line 2

Sakkardara Square

City/Town

Nagpur

State

Maharashtra

Pin Code

440009

Institution e-mail address

mohotacollege@yahoo.co.in

Contact Nos.

0712-2744992

Name of the Head of the Institution:

Dr. S.G.Charalwar

Tel. No. with STD Code:

0712-2744992

Mobile:

9823044640

Name of the IQAC Co-ordinator:

Dr. I.M.Sarin

Mobile:

9822229093

IQAC e-mail address:

indersarin@gmail.com

1.3 NAAC Track ID (For ex. MHC0GN 18879)

MHC0GN 10186

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)

EC/54/RAR/012 dated 8-1-2011

1.5 Website address:

www.mohotasci.edu.in

Web-link of the 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	B+	2.79	2002	
2	2 nd Cycle	B	2.74	2010	2016
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

01-11-2005

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

2014-2015

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 _____ 2011-12 _____ (22/09/2012)
- ii. AQAR _____ 2012-13 _____ (20/09/2013)
- iii. AQAR _____ 2013-14 _____ (16/12/2014)
- iv. AQAR _____ 2014-15 _____ (06/08/2015)

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*)

Rashtrasant Tukadoji Maharaj,
Nagpur University, Nagpur

1.13 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

10

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.	<input type="text"/>	Faculty	<input type="text" value="14"/>
Non-Teaching Staff	<input type="text" value="5"/>	Students	<input type="text"/>
Alumni	<input type="text" value="2"/>	Others	<input type="text" value="-"/>

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.	<input type="text"/>	International	<input type="text"/>	National	<input type="text"/>	State	<input type="text"/>	Institution Level	<input type="text" value="2"/>
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(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
Use of ICT, short term courses, sports activities, social awareness programs etc.	Achieved all

** 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				
PG	3	01		
UG	9			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate	2			
Others				
Total	14	01		
Interdisciplinary				
Innovative		30(short term)		

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	8
Trimester	--
Annual	01

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

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.

Yes, the college teachers are members of BOS and revise the syllabi from time to time

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

PG department in Botany

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
28	12	16		

2.2 No. of permanent faculty with Ph.D.

25

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
--	15	--	--	--	--	--	--	--	15

2.4 No. of Guest and Visiting faculty and Temporary faculty

----- ----- 54

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	12	21	--
Presented papers	16	17	
Resource Persons	02	--	--

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

Use of ICT, teaching through local language, power point presentations. field work. visit to mines etc

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

180

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

04

04

04

2.10 Average percentage of attendance of students

76

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.Sc.I Sem I	362	0.27	4.14	12.15		16.57
B.Sc. SemIII	251	2.30	13.2	8.4		23.90
B.Sc. III	127	0.78	8.66	30.70		42.06

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes : Suggestions from IQAC are followed from time to time.

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2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	02
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes	02
Faculty exchange programme	---
Staff training conducted by the university	--
Staff training conducted by other institutions	--
Summer / Winter schools, Workshops, etc.	05
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	54	12	---	---
Technical Staff	---	----	---	---

Criterion – III

3. Research, Consultancy and Extension

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

Prize for “best teacher” of college, encouragement to teachers for MRP and Minor projects, sanctioning paid leave to teachers, etc

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		04		
Outlay in Rs. Lakhs		57		

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	03	--		
Outlay in Rs. Lakhs	3.65			

3.4 Details on research publications

	International	National	Others
Peer Review Journals	35	05	
Non-Peer Review Journals	04		
e-Journals	08	02	
Conference proceedings	13	09	

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	2011-15	UGC,DAE	57 lacs	
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			57 lacs	

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

11

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	03	04			04
Sponsoring agencies	DST,UGC	UGC			--

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 : 24.74 lacs

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	
	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
03						03

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

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 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	02	College forum	28		
NCC	4	NSS	12	Any other	

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

- Social awareness, Swachha Bharat mission, street plays, debate competition, health awareness, blood donation camp, Tree plantation, village camp for awakening rural populace for welfare of community.

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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	12142 sq. mts	---		12142 sq. mts
Class rooms	11	--	--	11
Laboratories	10	--		10
Seminar Halls	2	--		2
No. of important equipments purchased (\geq 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)				
Others				

4.2 Computerization of administration and library

Ongoing process. Will be completed very soon

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	31224	2699787	344	74257	31568	2774044
Reference Books						
e-Books						
Journals						
e-Journals						
Digital Database						
CD & Video						
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	51	22	16	12	--	7	8	2
Added								
Total	51	22	16	12	--	7	8	2

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

Internet available in Library, office and deptts to students and faculty members
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4.6 Amount spent on maintenance in lakhs :

i) ICT	0.52 lacs
ii) Campus Infrastructure and facilities	0.18 lacs
iii) Equipments	0.144 lacs
iv) Others	2.19 lacs

Total : 3.05 lacs

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Students’ activities in cultural programs, sports, competitive exams, suggestions from alumni, management members, etc.

5.2 Efforts made by the institution for tracking the progression

Setting up various committees for checking students’ progress in various fields like sports, academics, competitive exams etc.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
749	86	01	--

(b) No. of students outside the state

--

(c) No. of international students

--

Men	No	%	Women	No	%
	251	33		498	67

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
17%	14 %	4 %	55%	---	99%	17%	11 %	4%	68 %	0.13	99.0 8%

Demand ratio

Dropout % 0.12

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

Revis Free guidance to UPSC and MPSC examinees of our college, library availability, internet etc.

No. of students beneficiaries

41

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

Carrer guidance camps, cultural fetes, sports camps and competetions, guest lectures by eminent people, unit tests, test examination etc.

No. of students benefitted

110

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
03	70	--	04

5.8 Details of gender sensitization programmes

Guest lectures organised, NSS activity, awareness programmes, interaction with experts , open debate etc.

5.9 Students Activities

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

State/ University level

70

National level

30

International level

1

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	3	900
Financial support from government		
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

Contribute towards national development and integrity, change a person into personality, contribute by providing competent human resources etc.

6.2 Does the Institution has a management Information System

yes

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

6.3.1 Curriculum Development

Teachers who are members of BOS contribute in revision and setting of syllabi.

6.3.2 Teaching and Learning

Use of ICT, promotion of research amongst teachers and students, field work, visit to mines, factory etc.

6.3.3 Examination and Evaluation

University pattern—semester(grade based) and annual both. Evaluation - manually

6.3.4 Research and Development

Major and minor research projects, setting labs. Into research centres, interdisciplinary research.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Automation of library in progress, e- books, e-journals.

6.3.6 Human Resource Management

6.3.7 Faculty and Staff recruitment

As per government guidelines

6.3.8 Industry Interaction / Collaboration

Visit to mines, offices, laboratories, factories etc.

6.3.9 Admission of Students

As per government rules and guidelines.

6.4 Welfare schemes for

Teaching	governmental
Non teaching	-----do-----
Students	-----do-----

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				
Administrative	Yes	Govt.	Yes	-

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?

University Senate and Academic council reviews the pattern from time to time and suggest improvements to Principals of affiliated colleges.

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

Annual meetings, suggestions for infra-structure developments, latest trends, financial support generation, etc

6.12 Activities and support from the Parent – Teacher Association

Regular parent-teachers' meet, suggestions implemented by college, cultural fetes of parent-teachers' organisation, social awareness programmes, talent search schemes etc

6.13 Development programmes for support staff

Encouragement to non-teaching staff and their wards, prizes, felicitation of merit students, invitation for guest lectures etc.

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

Tree plantation programs, Swachh Bharat mission, removal of congress grass, beautification drive, solar equipments' use 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.

Personal attention to students, Use of ICT alongwith traditional teaching, better communication with parents and students by through cell contacts., Unit tests and test

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

Use of ICT, starting “short term courses”, increase in research activity, improvement in qualification of teachers ,social awareness schemes etc

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

1 Teaching through local languages like Marathi and Hindi.
2 Short term courses in various fields.

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

7.4 Contribution to environmental awareness / protection

Swachh Bharat mission implemented, tree plantation, NSS activities in villages, etc

7.5 Whether environmental audit was conducted? Yes No

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

Infra structure addition, major research projects, organization of international conferences and seminars

8. Plans of institution for next year

Use of ICT, short term courses, automation of library, office, major research activities, MOU with industry and other recognised Institutes etc.

Name Dr. I.M. Sarin

Name Dr. S.G.Charalwar

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

Annexure I

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission
