

(Online) submitted IQAR (2012-13)

1. Kindly provide the details of the institution

Name of Institution: Shri. Mathuradas Mehota College of Science
Year of Establishment of the Institution: 1949
Address Line 1: Umber road
Address Line 2: Lakkardara square
City/Town: Nagpur
State: Maharashtra
Postal Code: 440009
Email Address: mehotacollege@yahoo.co.in

2. NAAC Accreditation/ Reaccreditation Details

Year of Accreditation/ Reaccreditation: 2010
Current Grade: B
CGPA: 2.74


3. Institutional Status

Govt. aided (private) ✓

4. Contact Person Details

Name of Head of Institution: Dr. S. G. Charalwar
Contact Phone: 9823044640
Email: S.charalwar@yahoo.co.in
Website URL: www.mehotasci.edu.in
Name of IQAC Co-ordinator: Dr. I. M. Sarin
Email: indiasarin@gmail.com

IQAC - Report to UGC


DR. S. G. CHARALWAR
Principal
Shri. Mathuradas Mehota College of Science
Nagpur
MAHARASHTRA

3.

SECTION I

This section is related to institutional goals, vision and mission, academic programmes and activities, strategies and action plans for institution building.

5. Number of academic programmes existing (Enter a number; 0 for nil)

Undergraduate (BA/B.Sc./B.Com etc.)	09
Post Graduate (MAM/Sc./M.Com etc.)	03
Research Programmes (M.Phil/Ph.D)	00
Certificate Programmes	02
Professional Programmes (B.Tech/M.Tech/B.Ed/M.Ed/Medicine/Pharmacy/Paramedical/Nursing etc)	00
Ar value added programmes	00
Any other programme offered (Specify)	00
	30

6. Details on Programme Development (Enter a number; 0 for nil)

New programmes added during the year	00
New programmes designed	01
Programmes under revision	01
Interdepartmental collaborative programmes	00
Inter institutional collaborative programmes	00
Number of review committee recommendations implemented (Total)	02
Number of NAAC peer team recommendations implemented	02
Number of UGC/any other expert committee recommendations implemented	01
Number of review committee recommendation under implementation	01
Number of NAAC peer team recommendations under implementation	03
Number of UGC/any other expert committee recommendations under implementation	00

7. Faculty Details (Enter a number; 0 for nil)

Total faculty strength: required as per norms for all programmes	35
Total faculty on rolls	30
Faculty added during the year	00
Faculty positions vacant	05
Faculty left during the year	01
Total number of visiting faculty	00
Total number of guest faculty	00

8. Qualification of Faculty

PhD and Above	21
MPhil	04
Masters	05
Any other (Specify)	00

9. Faculty qualification improvement

PHD awarded to existing faculty	03
MPhil awarded to existing faculty	00
Any other degree awarded to existing faculty	00

10. Administrative Staff Details (Enter a number; 0 for nil)

Administrative staff (total sanctioned)	18
Administrative staff (Actual strength)	14
Added during the year of reporting	02
Left during the year	00
Number of posts vacant	02

11. Technical Support Staff Details (Enter a number; 0 for nil)

Technical Support Staff (Total sanctioned strength)	46
Technical Support Staff (Actual strength)	42
Added during the year	02
Left during the year	00
Number of posts vacant	04

4.

SECTION II

This section surveys the quality sustenance and development activities during the year taken up by IQAC. It reflects quality management structure, strategies, and processes which would enhance academic quality of the institution as perceived by faculty, students, alumni, and other stakeholders (social perception of the institution) in line with the vision, mission and goals of the institution.

12. Establishment details

Year of establishment of IQAC DD MM YYYY
01 / 11 / 2005 ✓

13. Composition of IQAC (Enter a number; 0 for nil) *

Number of IQAC members	19
Number of Alumni in IQAC	02
Number of Students in IQAC	01
Number of Faculty in IQAC	07
Number of Administrative Staff in IQAC	02
Number of Technical Staff in IQAC	00
Number of Management Representatives	02
Number of External experts in IQAC	02
Number of any other stakeholder and community representatives	00

14. IQAC Meetings

Number of IQAC meetings held during the year 02

Whether Calendar of activities of IQAC formulated for the accademic year
YES

16. IQAC Plans for Development (Enter a number; 0 for nil)

Number of academic programmes proposed

Number of value added programmes proposed

Number of skill oriented programmes proposed

Number of faculty competency and development programmes proposed

Number of other staff development programmes proposed

Number of student mentoring programmes proposed

Number of co-curricular activities proposed

Number of inter departmental cooperative schemes proposed

Number of community extension programmes proposed

Any other programmes proposed (Specify)

- ii) Intercollegiate seminar competition
- iii) Intercollegiate sports competition
- iv) BITM NU Volley ball tournament
Kabaddi

17. IQAC Plans for development & Implementation (Enter a number; 0 for nil)

Number of academic programmes implemented	02
Number of value added programmes implemented	00
Number of skill oriented programmes implemented	01
Number of faculty competency and development programmes implemented	04
Number of other staff development programmes implemented	01
Number of student mentoring programmes implemented	12
Number of co-curricular activities implemented	65
Number of inter departmental cooperative programs implemented	04
Number of community extension programmes implemented	06
Any other programmes suggested that are implemented (Specify)	i) Intercollegiate seminar competition for students ii) Intercollegiate sports' competition

18. IQAC Seminars and Conferences (Enter a number; 0 for nil)

Number of seminars/ conferences/ workshops organized by IQAC within the institution	03
Number of participants from the institution	150
Number of participants from outside	70
Number of external experts	20
Number of external conferences/seminars/ workshops on institutional quality attended	03
Number of events conducted with IQACs of other institutions as collaborative programmes	03

19. Did IQAC receive any funding from UGC during the year ?

Yes
 No

20. If the response to Qn. 18 is Yes, please provide the amount received from UGC - (Input 0 -if NA/NIL-) Any other source including internal financial support from the management (Specify amount)

Amount Received from UGC

00

Amount Received from any other source including the college management

00

21. Any significant contribution made by IQAC on quality enhancement during current year (Please provide details in bullet format)

- College has proposed several add on courses of short duration.
- College hosted "Anvishka" RTM Nagpur University's inter college research festival
- Proposed several guidelines for B.Sc. credit based semester pattern
- College organised intercollegiate valley ball competition of RTM Nagpur University.

5.

SECTION III

In this section the events, activities, and outputs in the field of research and academic areas are being surveyed

22. Academic Programmes

Number of new academic programmes developed or designed by faculty	00
Number of faculty members involved in curriculum restructuring/revision/syllabus development	12
Number of programmes in which evaluation process reformation taken up and implemented	00
Number of active teaching days during the current academic year	180
Average percentage of attendance of students	75
Percentage of classes engaged by guest faculty and temporary teachers	30
Number of self financed programmes offered	00
Number of aided programmes offered	00
Number of programmes discontinued during the year	00

23. Whether any systematic student feedback mechanism is in place ?

YES

Feedback Details (If answer to Question 20 is Yes)

Percentage of courses where student feedback is taken: All courses

25. Is feedback for improvement provided to the faculty?

YES

6.

SECTION IV

This section deals with Student Mentoring and Support System existing in the institution. This includes student activities, mentoring, and opportunities for development and inclusive practices.

27. Student Details and Support Mechanisms

The total intake of students for various courses (Sanctioned)	<input type="text" value="960"/>
Actual enrollment during the year	<input type="text" value="530"/>
Student dropout percentage during the year	<input type="text" value="0.6%"/>
Success percentage in the final examination across the courses	<input type="text" value="65%"/>
Number of academic functions in the final examination and percentage	<input type="text" value="1.5%"/>
Number of students who got admitted to institutions of national importance	<input type="text" value="02"/>
Number of students admitted to institutions abroad	<input type="text" value="00"/>
Number of students qualified in UGC NET/ SET	<input type="text" value="02"/>
Number of students qualified GATE/ CAT/ other	<input type="text" value="00"/>

28. Does student support mechanism exist for coaching for competitive examinations?
 NO ✓

29. Student participation, if response is yes to Qn. 27

Number of students participated

30. Does student counselling and guidance service exist ?
 YES ✓

31. Student participation, if answer to Qn. 29 is yes

Number of students participated

32. Career Guidance

Number of career guidance programmes organized

Percentage of students participated in career guidance programmes

33. Is there provision for campus placement?

Yes ✓

34. If yes to Qn. 32

Number of students participated in campus selection programmes

Number of students selected for placement during the year

Does gender sensitization program exist ?

NO ✓

36. If Answer is Yes to Qn 34

Number of programmes organized

6.

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Number of students who got admitted to institutions of national importance	<input type="text" value="02"/>
Number of students admitted to institutions abroad	<input type="text" value="00"/>
Number of students qualified in UGC NET/ SET	<input type="text" value="02"/>
Number of students qualified GATE/ CAT/ other examinations (Specify)	<input type="text" value="00"/>

28. Does student support mechanism exist for coaching for competitive examinations?
 NO ✓

29. Student participation, if response is yes to Qn. 27

Number of students participated

30. Does student counselling and guidance service exist ?
 YES ✓

31. Student participation, if answer to Qn. 29 is yes

Number of students participated

32. Career Guidance

Number of career guidance programmes organized

Percentage of students participated in career guidance programmes

33. Is there provision for campus placement?

Yes ✓

34. If yes to Qn. 32

Number of students participated in campus selection programmes

Number of students selected for placement during the year

Does gender sensitization program exist ?

NO ✓

36. If Answer is Yes to Qn 34

Number of programmes organized

37. Student activities

Number of students participated in external cultural events	220
Number of prizes won by students in external cultural events	01
Number of cultural events conducted by the institute for the students	03
Number of students participated in international sports and games events	00
Number of students participated in national level sports and games events	04
Number of students participated in state level sports and games events	09
Number of students participated in university level sports and games events	92
Number of prizes won by students in international sports and games events	00
Number of prizes won by students in national level sports and games events	01
Number of prizes won by students in state level sports and games events	01
Number of prizes won by students in university level sports and games events	01
Number of sports and games events conducted by the institute for the students	10

38. Composition of students

Percentage of Scheduled Caste	15.78%
Percentage of Scheduled Tribe	4.36%
Percentage of other backward communities	54.34%
Percentage of women students	63.20%
Percentage of physically challenged	0.15%
Percentage of tribal students	9.3%
Percentage of urban students	90.7%

39. Scholarships and Financial Support

Number of students availing financial support from the institution

Amount disbursed as financial support from the institution

Number of students awarded scholarship from the institution

Number of students received notable national/international achievements/recognition

40. Student initiatives

Number of community development programmes initiated by students

Number of literary programmes initiated by students

Number of social action initiatives based on science / environment initiated by students

Number of student research initiatives

7.

SECTION V

This section surveys the Governance and Innovation at the institution related to quality management. The educational management strategies adopted and in practice for achieving the objectives are focussed.

41. Whether perspective plan for overall developmental activities is created ?

Yes ✓

No

42. If the answer for Qn. 40 is Yes, is the plan implemented and monitored ?

Yes ✓

No

43. Whether benchmarking is created for institutional quality management efforts ?

Yes ✓

No

44. If the answer to Question 42 is Yes, please list the benchmarking in various areas of development in bullet format

- Placement cell in operation
- Counseling cell in operation
- Remedial coaching to BC students
- Monetary assistance to BC students

45. Is a Management Information System (MIS) in place ?

Yes ✓

No

6. If answer to question 44 is Yes, please provide details of MIS applied to

1. Administrative procedures including financials as per govt & uni directions.
2. Student admission 2 as per merit
3. Student records 3 maintained both in registers and computers -
4. Evaluation and examination procedures 4 as per University directions
5. Research administration 5 as per funding agency's directions
6. Others

(enter the respective details corresponding to the serial numbers)

- 6. • Sports, curricular and extra-curricular activities. ✓
- Financial support from management in various activities.

47. Existence of learning resource management

	Yes	No
e-database in library	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ICT and smartclass room	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e-learning sources (e-Books, e-Journals)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Production of teaching modules	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Interactive learning facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>

48. Internal resource mobilization : Kindly provide the amount contributed

Research	<input type="text" value="00"/>
Consultancy and training	<input type="text" value="00"/>
Student contribution	<input type="text" value="00"/>
Alumni contribution	<input type="text" value="00"/>
Wellwishers	<input type="text" value="00"/>

49. Infrastructure and welfare spending: Please specify the amount

Amount spent for infrastructure development	<input type="text" value="Rs. 2281720"/>
Amount spent for student welfare	<input type="text" value="Rs. 3318"/>
Amount spent for staff welfare	<input type="text" value="00"/>

50. Is delegation of authority practiced

Yes
 No

51. Does grievance redressal cell exist ?

	Yes	No
Faculty	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Students	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Staff	<input checked="" type="checkbox"/>	<input type="checkbox"/>

52. Grievances received from faculty and resolved (Enter a number; 0 for nil)

Number of grievances received	<input type="text" value="00"/>
Number of grievances resolved	<input type="text" value="00"/>

53. Number of grievances received from students and resolved (Enter a number; 0 for nil)

Number of grievances received	<input type="text" value="00"/>
Number of grievances resolved	<input type="text" value="00"/>

54. Number of grievances received from other staff members and resolved (Enter a number; 0 for nil)

Number of grievances received

Number of grievances resolved

55. Has the institution conducted any SWOT analysis during the year

Yes

No

56. The SWOT analysis was done by internal or by external agency

Internal

External

57. Kindly provide three identified strengths from SWOT Analysis (in bullet format)

- PG courses in Physics, Chemistry and Mathematics
- Major and minor research projects
- Research laboratories sanctioned and recognised.
- Good sports activities
- Several short term courses proposed.

58. Kindly provide three identified weaknesses from the SWOT analysis (in bullet format)

- Promotion of latest technology
- Proper organisation of alumni association and registration
- Infrastructure development

59. Kindly provide two opportunities identified from the SWOT analysis (in bullet format)

- Women welfare and development
- Major research centre development

60. Kindly provide two identified challenges/threats from SWOT analysis (in bullet format)

- competition with colleges in the same locality
- lesser job opportunities due to recession
- apathy for pure science

61. Identify any significant progress made by the institution towards achieving the goals and objectives during the year (list below in bullet format)

- proposed several short term courses, MSc (Botany) sanctioned
- Increase in research activities, Improvement in qualification of faculty

62. How do you perceive the role of NAAC in the quality development of your institution (Suggestions in bullet format to be given below)

- Definite line of development is provided by NAAC through their suggestions.
- The re-accreditation should be done streamwise (science, commerce, arts).

CONCLUDING REMARKS

This exercise is intended to make a self analysis of the quality development of the institution during the year. The perspective plan and implementation for every year is to be documented and analysed to get a cumulative index for the period of accreditation and reaccreditation. Any substantial changes / initiative in this direction is to be separately listed. The best practices in various areas can be listed as a separate annexure. The data will be used to create a quality profile based on the total score index arrived at that would map the strength and areas of improvement.

You should send supporting evidence and other relevant information to the responses for this survey to NAAC.

NAAC will provide feedback and a quality profile based on analysis of your inputs if you desire so.

Thank You for the participation.