

# **JAMAL MOHAMED COLLEGE**

**(Autonomous)**

**College with Potential for Excellence**

Accredited with 'A' Grade by NAAC-CGPA 3.6 out of 4.0

Affiliated to Bharathidasan University

**TIRUCHIRAPPALLI – 620 020**

**TAMIL NADU**



Since 1951



## **ANNUAL QUALITY ASSURANCE REPORT**

**Year of Report: 2012-2013**

**SUBMISSION OF ONLINE QUESTIONNAIRE FOR THE  
ANNUAL QUALITY ASSURANCE REPORT (AQAR)  
2012-2013**

**1. Kindly provide the details of the institution**

Name of Institution : Jamal Mohamed College  
Year of Establishment of the Institution : 1951  
Address Line 1 : 7, Race Course Road  
Address Line 2 : Khaja Nagar  
City/Town : Tiruchirappalli  
State : Tamilnadu  
Postal Code : 620 020  
Email Address : [princi@jmc.edu](mailto:princi@jmc.edu), [principaljmc@ymail.com](mailto:principaljmc@ymail.com)

**2. NAAC Accreditation/ Reaccreditation Details**

Year of Accreditation / Reaccreditation : Accreditation 2002  
Reaccreditation 2009  
Current Grade : A  
CGPA : 3.6

**3. Institutional Status** : Autonomous

**4. Contact Person Details**

Name of Head of Institution : Dr. A. M. Mohamed Sindhasha  
Contact Phone : 0431 – 2331035  
Email : [princi@jmc.edu](mailto:princi@jmc.edu), [principaljmc@ymail.com](mailto:principaljmc@ymail.com)  
Website URL : [www.jmc.edu](http://www.jmc.edu)  
Name of IQAC Coordinator : Dr. A. Mohamed Ibraheem  
Email : [amijmc1962@gmail.com](mailto:amijmc1962@gmail.com)

## 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.)	:	20
Post Graduate (MA/M.Sc./M.Com etc.)	:	20
Research Programmes (M.Phil/P.hD)	:	15
Certificate Programmes	:	07
Professional Programmes (B.Tech/M.Tech/B.Ed/M.Ed/Medicine/ Pharmacy/Paramedical/Nursing etc)	:	0
Other value added programmes	:	08
Any other programme offered (Specify)	:	08

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

New programmes added during the year	:	07
New programmes designed	:	01
Programmes under revision	:	0
Interdepartmental collaborative programmes	:	19
Inter institutional collaborative programmes	:	0
Number of review committee recommendations implemented (Total)	:	02
Number of NAAC peer team recommendations Implemented	:	08
Number of UGC/any other expert committee recommendations implemented	:	01
Number of review committee recommendation under implementation	:	0
Number of NAAC peer team recommendations under implementation	:	02
Number of UGC/ any other expert committee recommendations under implementation	:	0

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

Total faculty strength required as per norms for all programmes	:	405
Total faculty on rolls	:	405
Faculty added during the year	:	34
Faculty positions vacant	:	0
Faculty left during the year	:	20
Total number of visiting faculty	:	0
Total number of guest Faculty	:	0

### **8. Qualification of Faculty**

PhD and Above	:	102
MPhil	:	248
Masters	:	25
Any other (Specify)	:	30

### **9. Faculty qualification improvement**

PhD awarded to existing faculty	:	14
MPhil awarded to existing faculty	:	30
Any other degree awarded to existing faculty	:	16

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

Administrative staff (total sanctioned)	:	58
Administrative staff (Actual strength)	:	58
Added during the year of reporting	:	2
Left during the year	:	2
Number of posts vacant	:	0

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

Technical Support Staff (Total sanctioned strength)	:	47
Technical Support Staff (Actual strength)	:	47
Added during the year	:	3
Left during the year	:	2
Number of posts vacant	:	0

## 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) inline with the vision, mission and goals of the institution.

### 12. Establishment details

Year of establishment of IQAC : 04 / 02 / 2005

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

Number of IQAC members	:	40
Number of Alumni in IQAC	:	01
Number of Students in IQAC	:	15
Number of Faculty in IQAC	:	19
Number of Administrative Staff in IQAC	:	0
Number of Technical Staff in IQAC	:	0
Number of Management Representatives	:	04
Number of External experts in IQAC	:	01
Number of any other stakeholder and community representatives	:	0

### 14. IQAC Meetings

Number of IQAC meetings held during the year : 02

### 15. Whether Calendar of activities of IQAC formulated for the academic year

Yes

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

Number of academic programmes proposed	:	07
Number of value added programmes proposed	:	0
Number of skill oriented programmes proposed	:	0
Number of faculty competency and development programmes proposed	:	02
Number of other staff development programmes proposed	:	0
Number of student mentoring programmes Proposed	:	05
Number of cocurricular activities proposed	:	10
Number of inter departmental cooperative schemes proposed	:	23
Number of community extension programmes proposed	:	02
Any other programmes proposed (Specify)	:	0

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

Number of academic programmes implemented	:	07
Number of value added programmes implemented	:	0
Number of skill oriented programmes implemented	:	0
Number of faculty competency and development programmes implemented	:	02
Number of other staff development programmes Implemented	:	0
Number of student mentoring programmes Implemented	:	05
Number of cocurricular activities implemented	:	10
Number of inter departmental cooperative programs implemented	:	23
Number of community extension programmes Implemented	:	02
Any other programmes suggested that are implemented (Specify)	:	0

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

Number of seminars/ conferences/ workshops organized by IQAC within the institution	:	02
Number of participants from the institution	:	310
Number of participants from outside	:	0
Number of external experts invited	:	01
Number of external conferences/seminars/ workshops on institutional quality attended	:	01
Number of events conducted with IQACs of other institutions as collaborative programmes	:	0

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

No

**20. If the response to Qn. 19 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	:	0
Amount Received from any other source including the college management	:	0

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

- Introduction of new innovative Programmes Ph.D. – Biotechnology, Microbiology and Physical Education: M.Phil. – Biotechnology, Microbiology, B.Sc., Biotechnology, Adv. Diploma in Computer Applications with Arabic.
- Curriculum Designed and Developed for B.Sc., Biotechnology, Adv. Diploma in Computer Applications with Arabic.
- Consistency in the academic performance i.e. Results of UG, PG and M.Phil., Programmes.
- 25 Seminars organized in the College
- 400 papers published in National and International Journals
- 429 papers presented in the Seminars / Conferences.
- 24 Ph.Ds., and 257 M.Phil., Degrees awarded.



- Promoting Research culture in the campus.
- IQAC - "Faculty Development Programme on Soft Skill" was organized.
- Faculty Development Programme organized.
- Guidance and Counseling and Placement training for students organized.
- All round Extension Activities by service organizations and Community Outreach Programme "JAMCROP" have been organized.
- Disbursement of Scholarships to poor and meritorious student.

### 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	:	01
Number of faculty members involved in curriculum restructuring / revision / syllabus development	:	184
Number of programmes in which evaluation process reformation taken up and implemented	:	0
Number of active teaching days during the current academic year	:	180
Average percentage of attendance of students	:	84.27
Percentage of classes engaged by guest faculty and temporary teachers	:	0
Number of self financed programmes offered	:	21
Number of aided programmes offered	:	12
Number of programmes discontinued during the year	:	0

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

Yes

#### 24. Feedback Details (If answer to Question 23 is Yes)

Percentage of courses where student feedback is taken : 100

#### 25. Is feedback for improvement provided to the faculty?

Yes

## 26. Faculty Research, Projects, and Publication details for the year

Number of major research projects undertaken during the year	:	02
Number of minor research projects undertaken during the year	:	01
Number of major ongoing projects	:	04
Number of minor ongoing projects	:	0
Number of major projects completed	:	0
Number of minor projects completed	:	0
Number of major project proposals submitted for external funding	:	0
Number of minor project proposals submitted for external funding	:	0
Number of research publications in peer reviewed journals	:	400
Number of research publications in international peer reviewed journals	:	98
Number of research publications in national peer reviewed journals	:	238
Number of research papers accepted for publication in international peer reviewed Journals	:	06
Number of research papers accepted for publication in national peer reviewed journals	:	58
Average of impact factor of publications reported	:	1.371
Number of books published	:	26
Number of edited books published	:	04
Number of books (single authored) published	:	12
Number of books(coauthored) published	:	10
Numbers of conferences attended by faculty	:	289
Number of international conferences attended	:	13
Number of national conferences attended	:	2230

Number of papers presented in conferences	:	429
Number of papers presented in international Conferences	:	195
Number of papers presented in national Conferences	:	145
Number of conferences organized by the institution	:	25
Number of faculty acted as experts resource persons	:	69
Number of faculty acted as experts resource persons international	:	06
Number of faculty acted as experts resource persons national	:	34
Number of collaborations with international Institutions	:	0
Number of collaborations with national institutions	:	03
Number of linkages created during the year	:	0
Total budget for research for current year as a percentage of total institution budget	:	22
Amount of external research funding received in the year	:	8910374
Number of patents received in the year	:	0
Number of patents applied for in the year	:	0
Number of research awards/recognitions received by faculty and research fellows of the institute in the year	:	01
Number of PhDs awarded during the year	:	24
Percentage of faculty members invited as external experts/resource persons/reviewers/referees or any other significant research activities	:	15.30

## 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)	:	11581
Actual enrollment during the year	:	10417
Student dropout percentage during the year	:	4.44
Success percentage in the final examination across the courses	:	77.59
Number of academic distinctions in the final examination and percentage	:	503
Number of students who got admitted to institutions of national importance	:	0
Number of students admitted to institutions abroad	:	0
Number of students qualified in UGC NET/ SET	:	07
Number of students qualified GATE/ CAT/ other examination (Specify)	:	0

### 28. Does student support mechanism exist for coaching for competitive examinations?

Yes

### 29. Student participation, if response is yes to Qn. 28

Number of students Participated : 495

### 30. Does student counselling and guidance service exist ?

Yes

### 31. Student participation, if answer to Qn. 30 is yes

Number of students Participated : 3165

### 32. Career Guidance

Number of career guidance programmes organized	:	08
Percentage of students participated in career guidance programmes	:	30.38

### 33. Is there provision for campus placement?

Yes

### 34. If yes to Qn. 33

Number of students participated in campus selection programmes	:	647
Number of students selected for placement during the year	:	117

### 35. Does gender sensitization program exist ?

Yes

### 36. If Answer is Yes to Qn 35

Number of programmes Organized	:	12
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### 37. Student activities

Number of students participated in external cultural events	:	98
Number of prizes won by students in external cultural events	:	86
Number of cultural events conducted by the institute for the students	:	16
Number of students participated in international sports and games events	:	0
Number of students participated in national level sports and games events	:	23
Number of students participated in state level sports and games events	:	133
Number of students participated in university level sports and games events	:	47
Number of prizes won by students in international sports and games events	:	0

Number of prizes won by students in national level sports and games events	:	02
Number of prizes won by students in state level sports and games events	:	43
Number of prizes won by students in university level sports and games events	:	23
Number of sports and games events conducted by the institute for the students	:	09

### **38. Composition of students**

Percentage of Scheduled Caste	:	47.64
Percentage of Scheduled Tribe	:	4.89
Percentage of other backward communities	:	47.47
Percentage of women students	:	34.56
Percentage of physically challenged	:	0.28
Percentage of rural students	:	70
Percentage of urban Students	:	30

### **39. Scholarships and Financial Support**

Number of students availing financial support from the institution	:	797
Amount disbursed as financial support from the institution	:	40,68,693/-
Number of students awarded scholarship from the institution	:	3565
Number of students received notable national/ international achievements /recognition	:	54

### **40. Student initiatives**

Number of community upliftment programmes initiated by students	:	52
Number of literary programmes initiated by Students	:	74
Number of social action initiatives based on science / environment initiated by students	:	70
Number of student research Initiatives	:	731

## **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

**42. If the answer for Qn. 41 is Yes, is the plan implemented and monitored ?**

Yes

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

Yes

**44. If the answer to Question 43 is Yes, please list the benchmarking in various areas of development in bullet format**

- Curriculum updation and revision
- Academic Performance – Results
- Research culture – Research Programmes – Major and Minor Research Projects
- Research output – Research Journal Publication – JARJ
- Organization of Seminar Publication and Presentation of Papers
- Research Guidance, Research Degrees – M.Phil., / Ph.D.,
- Faculty Development Programme
- Extension Activities and Programmes to be organized
- Infrastructural facilities to be added in the College
- Student Support Services
  - Scholarship to Poor and Meritorious students.
  - Helped obtaining Driving License
  - Facilitate obtaining Passport

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

Yes

**46. If answer to question 45 is Yes, please provide details of MIS applied to**

- 1. Administrative procedures including finance**
- 2. Student admission**
- 3. Student records**
- 4. Evaluation and examination procedures**
- 5. Research administration**
- 6. Others**

**(enter the respective details corresponding to the serial numbers)**



1. Tally Software is used.
2. A Software is designed and used.
3. All records are computerized
4. Hall tickets issued through online mode for PG and M.Phil Programmes
5. e-library Resources, Internet connectivity and SPSS Packages are provided for Research.

**47. Existence of learning resource management**

e-database in library	:	Yes
ICT and smartclass room	:	Yes
e-learning sources (e-Books, e-Journals)	:	Yes
Production of teaching Modules	:	Yes
Interactive learning facilities	:	Yes

**48. Internal resource mobilization : Kindly provide the amount contributed**

Research	:	1500000
Consultancy and training	:	0
Student contribution	:	0
Alumni contribution	:	3352207
Well-wishers	:	716486

**49. Infrastructure and welfare spending: Please specify the amount**

Amount spent for infrastructure development	:	12000000
Amount spent for student welfare	:	4068693
Amount spent for staff Welfare	:	545000

**50. Is delegation of authority practised**

Yes

**51. Does grievance redressal cell exist?**

Faculty : Yes

Students : Yes

Staff : Yes

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

Number of grievances received : 03

Number of grievances Resolved : 03

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

Number of grievances received : 08

Number of grievances Resolved : 08

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

Number of grievances received : 02

Number of grievances Resolved : 02

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

Yes

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

Internal

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

- An Autonomous College with Potential for Excellence offering diversified UG, PG and also Research programmes leading to M.Phil., and Ph.D., with huge learning resources and infrastructure facilities.
- Huge Strength of Resourceful Teachers with Ph.D., qualification, publication in International Journals, participation and presentation of Research Papers in International Seminars, Conferences etc.
- Large number of extension activities and Community Out-reach Programme benefiting the people around the college.

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

- Patenting of Research output and offering consultancy services.
- Establishment of Industry-Institute Tie-up has to be improved.
- Placement record, though good, still need be strengthened.

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

- College identified as College with Potential for Excellence by UGC.
- Support of Alumni both from within the Country and Overseas.

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

- Declining quality of the input (students) admitted in the College as the minimum cut-off for admission in Engineering Colleges in Tamilnadu has been reduced.
- Declining popularity of Traditional courses such as Botany, Zoology and History.

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

- In addition to the Regular Programmes offered in the college, Career Oriented Programmes and Skill Development Programmes are conducted to ensure overall development of the students and the development of their personality.
- Conduct of Deeniyath and Moral Education classes inculcating spiritual and moral values among the students.
- Participation of the students in extension activities and Community Out-reach programmes help the students to shape themselves as socially responsible citizens.

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

- The submission of Annual Quality Assurance Report every year enables the college to have quality consciousness throughout the year.
- The Self-Evaluation process helps the institution to identify its strength and the areas of further improvement on one side and also the possible opportunities and challenges on the other side.
- The process of Accreditation and Reaccreditation has enabled institution to get the feedback from the experts for further enhancement of the quality of the institution.

**Submitted On 22.08.2013 through Online.**