

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

## Part – A

### I. Details of the Institution

|                                      |                                    |
|--------------------------------------|------------------------------------|
| 1.1 Name of the Institution          | Multanimal Modi College, Modinagar |
| 1.2 Address Line 1                   | NH-58                              |
| Address Line 2                       | Delhi Meerut Road                  |
| City/Town                            | Modinagar                          |
| State                                | Uttar Pradesh                      |
| Pin Code                             | 201204                             |
| Institution e-mail address           | info@mmcmadinagar.ac.in            |
| Contact Nos.                         | 01232-243492, 01232-223620         |
| Name of the Head of the Institution: | Prof. R.C. Lal                     |
| Tel. No. with STD Code:              | 01232-243492                       |
| Mobile:                              | 09319850811                        |
| Name of the IQAC Co-ordinator:       | Dr. Ravi Kumar                     |
| Mobile:                              | 08057406652                        |
| IQAC e-mail address:                 | info@mmcmadinagar.ac.in            |

1.3 NAAC Track ID (For ex. MHCOGN 18879)\_\_\_UPCOGN12111

|                       |   |
|-----------------------|---|
| 1.4 Website address:  | www.mmcmadinagar.ac.in                                    |
| Web-link of the AQAR: | www.mmcmadinagar.ac.in/AQAR 2014- <a href="#">15.docx</a> |

**OR**

|   |                                   |
|---|-----------------------------------|
| 1.4 NAAC Executive Committee No. & Date:<br><i>(For Example EC/32/A&amp;A/143 dated 3-5-2004.<br/>This EC no. is available in the right corner- bottom<br/>of your institution's Accreditation Certificate)</i> | EC(SC)/04/RAR/50 dated 10-12-2014 |
|---|-----------------------------------|

### 1.5 Accreditation Details

| Sl. No. | Cycle                 | Grade | CGPA | Year of Accreditation | Validity Period |
|---------|-----------------------|-------|------|-----------------------|-----------------|
| 1       | 1 <sup>st</sup> Cycle | B+    | 78   | 2005                  | 27/02/2010      |
| 2       | 2 <sup>nd</sup> Cycle | B     | 2.72 | 2014                  | 09/10/2019      |
| 3       | 3 <sup>rd</sup> Cycle |       |      |                       |                 |
| 4       | 4 <sup>th</sup> Cycle |       |      |                       |                 |

1.6 Date of Establishment of IQAC :

DD/MM/YYYY

31/12/2012

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

2014-15

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 2005-06 Submitted to NAAC on 26/02/2014
- ii. AQAR 2006-07 Submitted to NAAC on 26/02/2014
- iii. AQAR 2007-08 Submitted to NAAC on 26/02/2014
- iv. AQAR 2008-09 Submitted to NAAC on 26/02/2014
- v. AQAR 2009-10 Submitted to NAAC on 26/02/2014
- vi. AQAR 2010-11 Submitted to NAAC on 26/02/2014
- vii. AQAR 2011-12 Submitted to NAAC on 26/02/2014
- viii. AQAR 2012-13 Submitted to NAAC on 26/02/2014
- ix. AQAR 2013-14 Submitted to NAAC on 30/06/2015

### 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 (eg. AICTE, BCI, MCI, PCI, NCI) Yes  No

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 | <input type="text" value="NA"/> |                              |                                 |
| University with Potential for Excellence     | <input type="text" value="NA"/> | UGC-CPE                      | <input type="text" value="NA"/> |
| DST Star Scheme                              | <input type="text" value="NA"/> | UGC-CE                       | <input type="text" value="NA"/> |
| UGC-Special Assistance Programme             | <input type="text" value="NA"/> | DST-FIST                     | <input type="text" value="NA"/> |
| UGC-Innovative PG programmes                 | <input type="text" value="NA"/> | Any other ( <i>Specify</i> ) | <input type="text" value="NA"/> |
| UGC-COP Programmes                           | <input type="text" value="NA"/> |                              |                                 |

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

|   |                                 |
|---|---------------------------------|
| 2.1 No. of Teachers   | <input type="text" value="10"/> |
| 2.2 No. of Administrative/Technical staff                         | <input type="text" value="03"/> |
| 2.3 No. of students   | <input type="text" value="03"/> |
| 2.4 No. of Management representatives                             | <input type="text" value="01"/> |
| 2.5 No. of Alumni   | <input type="text" value="0"/>  |
| 2.6 No. of any other stakeholder and<br>Community representatives | <input type="text" value="01"/> |
| 2.7 No. of Employers/ Industrialists                              | <input type="text" value="01"/> |
| 2.8 No. of other External Experts                                 | <input type="text" value="0"/>  |
| 2.9 Total No. of members  | <input type="text" value="19"/> |
| 2.10 No. of IQAC meetings held                                    | <input type="text" value="28"/> |

2.11 No. of meetings with various stakeholders: No.  Faculty   
 Non-Teaching Staff/ Students  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

- ✓ NAAC inspection was conducted.
- ✓ Development of infrastructure.
- ✓ To familiarize/ train faculty members and students in the use of DELNET & INFLIBNET.
- ✓ The IQAC completed the National Higher Education Survey as required by „Ministry of Human Resource Development Department of Higher Education New Delhi

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  |
|--|---|
| <ul style="list-style-type: none"> <li>• To set up bio-metric units for attendance of college staff,</li> <li>• To develop infrastructure in order to make teaching/ learning process more smooth &amp; effective,</li> <li>• To chalk out a plan to utilize UGC Development grant (XII Plan),</li> <li>• Quotations invited for giving of annual maintenance contract related to IT work in college,</li> <li>• Plan to begin with newsletter in the following academic session,</li> <li>• Installation of MIS in the college</li> <li>• Upgradation of library facilities,</li> <li>• Upgradation of laboratories,</li> <li>• Development of central instrumentation laboratory,</li> </ul> | <p>Most of the proposals have been completed and some of them are in progress</p> |

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                    | 13                            | x  | x                                   | x  |
| PG                     | 16                            | x  | 03                                  | x  |
| UG                     | 05                            | x  | 02                                  | x  |
| PG Diploma             | x                             | x  | x                                   | x  |
| Advanced Diploma       | x                             | x  | x                                   | 01   |
| Diploma                | x                             | x  | x                                   | 01   |
| Certificate            | x                             | x  | x                                   | 02   |
| Others                 | x                             | x  | x                                   | x  |
| <b>Total</b>           | 34                            | x  | 05                                  | 04   |
| Interdisciplinary      | x                             | x  | x                                   | x  |
| Innovative             | x                             | x  | x                                   | x  |

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

##### (ii) Pattern of programmes:

| Pattern   | Number of programmes |
|-----------|----------------------|
| Semester  | 18                   |
| Trimester | x                    |
| Annual    | 05                   |

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

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

*\*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.

UG & PG syllabi are regularly revised by C.C.S. University, Meerut

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

No

## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | Others |
|-------|------------------|----------------------|------------|--------|
| 42    | 26               | 15                   | 1          | -      |

2.2 No. of permanent faculty with Ph.D.

42

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  |
| -                | - | -                    | 01 | -          | - | -      | - | -     | 01 |

2.4 No. of Guest and Visiting faculty and Temporary faculty

|   |   |    |
|---|---|----|
| - | - | 10 |
|---|---|----|

2.5 Faculty participation in conferences and symposia:

| No. of Faculty   | International level | National level | State level |
|------------------|---------------------|----------------|-------------|
| Attended         | -                   | -              | -           |
| Presented papers | -                   | 3              | -           |
| Resource Persons | -                   | -              | -           |

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

- More intensive use of ICT.
- Field study (visits to industries, historical monuments, 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)

As per CCS Uni. Norms

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

03

2.10 Average percentage of attendance of students

90%

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.                   | 331                            | 1             | 2   | 43   | 55    | 74.62  |
| B.Sc.                  | 282                            | 9             | 14  | 75   | 11    | 91.49  |
| B.Com                  | 222                            | 12            | 27  | 66   | 7     | 95.5   |
| M.A.                   | 182                            | 13            | 47  | 42   | 11    | 67.3   |
| M.Com.                 | 51                             | 19            | 57  | 18   | 25    | 100    |
| M.Sc.                  | 162                            | 17            | 46  | 33   | 21    | 100    |
| M.Sc. Biotech          | 21                             | 65            | 100 | -    | -     | 100    |
| M.Lib.                 | 30                             | 72            | 100 | -    | -     | 100    |
| B.Lib.                 | 21                             | 49            | 65  | 35   |       | 100    |
| BBA                    | Nil                            | Nil           | Nil | Nil  | Nil   | Nil    |
| BCA                    | Nil                            | Nil           | Nil | Nil  | Nil   | Nil    |

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

**Open Forum, Staff Evaluation Reports, Students Feedback Report, Staff Appraisal.**

2.13 Initiatives undertaken towards faculty development

| <i>Faculty / Staff Development Programmes</i>  | <i>Number of faculty benefitted</i> |
|--|-------------------------------------|
| Refresher courses                              | 05                                  |
| UGC – Faculty Improvement Programme            | 01                                  |
| 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 | 07                            | 03                         | 01   | 01                                     |
| Technical Staff      | 01                            | 01                         | 0  | 0                                      |
| Total                | 08                            | 04                         | 01   | 01                                     |

## Criterion – III

### 3. Research, Consultancy and Extension

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

IQAC has been taken following initiatives to promote research in college:

1. Training programme organised for teachers and students for use of INFLIBNET & DELNET.
2. Motivates to teachers to participate in national / international seminars / conferences / symposiums.
3. Encourage to write research proposals for funding from various funding agencies like UGC, CSIR, DST, DBT etc.
4. Organising guest lectures
5. Relevant to requisite educational standard.
6. Creating conducive research atmosphere and teaching learning.
7. Providing the ICT facility.

#### 3.2 Details regarding major projects

|                     | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|---------|------------|-----------|
| Number              | 01        | -       | -          | -         |
| Outlay in Rs. Lakhs | 8-9Lakh   | -       | -          | -         |

#### 3.3 Details regarding minor projects

|                     | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|---------|------------|-----------|
| Number              | -         | -       | -          | -         |
| Outlay in Rs. Lakhs | -         | -       | -          | -         |

#### 3.4 Details on research publications

|                          | International | National | Others |
|--------------------------|---------------|----------|--------|
| Peer Review Journals     | 03            | -        | -      |
| Non-Peer Review Journals | 02            | -        | -      |
| e-Journals               | 03            | -        | -      |
| Conference proceedings   | 01            | -        | -      |

#### 3.5 Details on Impact factor of publications:

Range  Average  h-indexNos  . in SCOPUS  i-10 index



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<br><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  CAS  DST-FIST   
DPE  DBT Scheme/funds

3.9 For colleges  
Autonomy  CPE DBT  Star Scheme   
INSPIRE  CE  Any Other (spe

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 No

3.15 Total budget for research for current year in lakhs :

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 |
|-------|---------------|----------|-------|------------|------|---------|
| -     | -             | -        | -     | -          | -    | -       |

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

1

1

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

1

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  College forum   
NCC  NSS  Any other

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

- Poster competition on social issues and academic matters organised by women cell and other departments such as department of Botany, Physics etc.
- Rally organised by N.S.S.
- Distribution of NRI scholarship.
- Annual Day function was organised.
- Cultural program was organized by student union.
- The college students were participated in various sports /NSS/ NCC/ Rovers-Rangers/ cultural activities at University/ State/ National level.
- Awareness about water harvesting
- Adult education
- Awareness about government plans of social welfare
- Plantation
- Awareness about disaster management
- Awareness about cleanliness
- The students were also engaged in various social activities such as AIDS awareness, Earth Day, Polio vaccination etc

## 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 (Sq. Metre)   | 39538.75 | -             | -                | 39538.75  |
| Class rooms   | 35       | 13            | Corporate fund - | 48        |
| Laboratories  | 27       | 4             | -                | 31        |
| Seminar Halls   | 01       | 01            | -                | 02        |
| No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year. | 03       | 04            | UGC              | 07        |
| Value of the equipment purchased during the year (Rs. in Lakhs)                   | 5,86,830 | 9,72,822      | UGC              | 15,59,652 |
| Others  | -        | -             | -                | -         |

#### 4.2 Computerization of administration and library:

**Administration:** The College has a fully computerised data management system covering various aspects of academic, administration. Students attendance, continuous internal assessment marks, registration for further programmes are effectively and efficiently managed through this system.

**Library:** The College has a well established intranet facility within the campus and fully atomised. Unique Library Software (SOUL) is being used for maintenance of Library. Data Entry (Books, Journals, Membership), Transaction (Issue, Return, Renewal). Digital Library is maintained with software to upload and upgrade the various e-resources (Books, Journals, database). Resources of the Library have been uploaded. The Users can view it from anywhere (inside or outside the campus) through Online Public Access Catalogue. Inside the Library 02 Systems have been provided for the users to browse the OPAC. Sufficient systems are there for data entry, transaction, and gate register. Printers are there for generation of barcode labels, Issue and Return Bill printers and Ordinary printers. A wall mount television is placed at the entrance of the library to display important information. Ten CCTV"s is placed at the necessary place. In Digital Library There are 20 systems for the benefit of the users to browse the E-resources. Our Library subscribes to the UGC N-List and DELNET programmes.

#### 4.3 Library services:

|                  | Existing |       | Newly added |       | Total  |       |
|------------------|----------|-------|-------------|-------|--------|-------|
|                  | No.      | Value | No.         | Value | No.    | Value |
| Text Books       | 106388   | --    | 1442        | --    | 107830 | --    |
| Reference Books  | --       | --    |             | --    |        | --    |
| e-Books          | N-LIST   | --    |             | --    |        | --    |
| Journals         | 17       | 39860 |             | --    | 17     | 39860 |
| e-Journals       | N-LIST   | --    |             | --    |        | --    |
| Digital Database | NA       | --    |             | --    |        | --    |
| CD & Video       | NA       | --    |             | --    |        | --    |
| Others (specify) | NA       | --    |             | --    |        | --    |

#### 4.4 Technology up gradation (overall)

|          | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Departments | Others |
|----------|-----------------|---------------|----------|------------------|------------------|--------|-------------|--------|
| Existing | 143             | 07            | 143      | -                | 01               | 08     | 52          | -      |
| Added    | -               | -             | -        | -                | -                | -      | -           | -      |
| Total    | 143             | 07            | 143      | -                | 01               | 08     | 52          | -      |

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

- Training programme for teaching faculty to upload students attendance.
- Training programme for teaching faculty in the use of INFLIBNET & DELNET.
- Training programme for teaching faculty in the use of MS Word & MS Excel.
- College is a Wi-Fi enabled campus which helps management, staff and students to extensively use the internet for their various purposes.

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

|  |              |
|--|--------------|
| i) ICT                                   | 2.00         |
| ii) Campus Infrastructure and facilities | 14.00        |
| iii) Equipments                          | 5.00         |
| iv) Others (Furniture)                   | 3.00         |
| <b>Total :</b>                           | <b>24.00</b> |

## Criterion – V

### 5. Student Support and Progression

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

- Organisation of orientation programme in the beginning of the academic session for UG and PG students.
- To provide equal opportunity to all students.

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

- Preparation of self-appraisal reports individually by faculty members.
- Feedback from the students via feedback form.
- Preparation of AQAR.

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

| UG   | PG  | Ph. D. | Others |
|------|-----|--------|--------|
| 2843 | 848 | 3      | -      |

#### (b) No. of students outside the state

|    |
|----|
| 18 |
|----|

#### (c) No. of international students

|   |
|---|
| - |
|---|

#### (d) Men

| No   | %     |
|------|-------|
| 1630 | 44.13 |

#### Women

| No   | %     |
|------|-------|
| 2064 | 55.87 |

#### (e)

| Last Year |     |    |      |                       |       | This Year |     |    |      |                       |       |
|-----------|-----|----|------|-----------------------|-------|-----------|-----|----|------|-----------------------|-------|
| General   | SC  | ST | OBC  | Physically Challenged | Total | General   | SC  | ST | OBC  | Physically Challenged | Total |
| 1269      | 833 | 04 | 1793 | 06                    | 3905  | 1088      | 859 | 10 | 1724 | 13                    | 3694  |

Demand ratio: UG- 1:10  
PG- 1:3

Dropout %: UG- 20%  
PG- 10%

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

UGC Sponsored Remedial Coaching Classes for preparation of NET and competitive examinations are organised.

No. of students beneficiaries

|      |
|------|
| >250 |
|------|

#### 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

Students were counselled on matters such as job opportunities in IT sector, industries, government jobs, etc.

The counselees are initially assessed by observation, self reports, reports from significant people of their and paper and pen tests, questionnaire, checklists etc. Then in collaboration with the counselees, the goals are set and prioritized and systematically worked through in sessions as per the requirement and pace of therapy. Parents, staff and friends and significant people are involved actively whenever necessary. Follow through is done to ensure adherence and efficiency of therapy and counselling. The counselling is done by Dr. K.K. Sharma, Dr. Ravi Kumar, Dr. Vivek Sheel, Dr. Bulbul Gupta, Dr. Sunita Sirohi, Dr. Deepshikha.

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 |
| -                               | -                               | -                         | -                         |

#### 5.8 Details of gender sensitization programmes

Poster making and discussions related to various gender issues were organised by women cell and Departmental Councils.

At the beginning of every academic year all students are given an orientation on gender sensitization along with other areas of concern. The college has an association for Female staff and students which also conduct different programmes on women 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                                   | -                  | -      |
| 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: NA



## **Criterion – VI**

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

#### 6.1. State the vision and mission of the Institution

##### **Vision**

Multanimal Modi College shares the vision to become an institute of excellence in higher education that continually responds to the changes in scientific, economic and social arenas. The college works towards its vision by:

- ❖ Imparting socially relevant and high quality education in a wide range of disciplines like social sciences and humanities, basic sciences, computer sciences, commerce and business management to a larger number of students belonging to the various sections of the society,
- ❖ Facilitating autonomous research and dissemination of knowledge through undergraduate, post graduate and Ph.D. programmes,
- ❖ Providing equal opportunities to all without discriminating on grounds of caste, class, gender, religion, physical ability, etc.
- ❖ Respecting freedom of expression, cultural, ideological and intellectual diversity;

##### **Mission**

Mission of Multanimal Modi College is to educate promising students of all backgrounds (rural/urban) through mental discipline, social awareness and to develop their intellectual, moral, civic, and creative capabilities to the fullest. The college aims to cultivate in the citizens a rich awareness of the Indian heritage. The college constantly strives towards its mission by:

- ❖ Making the students employable through holistic education and development of skills;
- ❖ Focusing on the personality development of the students through self- awareness, development of positive attitude and leadership qualities;
- ❖ Developing as a centre of excellence in academics and research;
- ❖ Inculcating national spirit and respect for Indian culture among the students and society as a whole and motivation to assume positive and fulfilling role in the nation building;
- ❖ Enriching and empowering all the beneficiaries through participative, positive and fertile teaching–learning environment;
- ❖ Creating an enabling environment that fosters teamwork, cooperation and mutual support;

- ❖ Development of inter-linkages across teaching, research and extension;
- ❖ Emphasis on rigour, creativity and innovation in the academic activities;
- ❖ Accountability and transparency in all matters;
- ❖ Finally, moving far ahead of targeted limits through rigorous planning and effort.

6.2 Does the Institution has a management information system

**MIS is under implementation**

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

#### **6.3.1 Curriculum Development**

The university provides syllabus for all courses, details of recommended text books and reference books according to syllabus, question paper pattern, list of practical experiments etc.,The academic calendar for semester as well as the annual system is also provided by the university.

The existing syllabi/courses are revised and modified during the annual meetings of the Board of Studies (in which university as well as college teachers serve as members) to meet the emerging national and global requirements. In this process, the Board of Studies incorporates relevant suggestions received in the form of feedback from all stakeholders of the colleges and the university.

#### **6.3.2 Teaching and Learning**

The college has an objective and effective system of student evaluation through which a meaningful teaching and learning is assured. A review of the academic results and feedback from the students enables the teachers to improve their teaching methods. New methods are developed to make learning experience for students interesting, stimulating and effective.

#### **6.3.3 Examination and Evaluation**

- The University has implemented semester system at post graduate level since July 2010. University is still following annual system at under graduate level.
- Evaluation in the semester system is divided into two parts which contains 50% credit to the external examinations (University itself conduct exams for it) and 50% credit to the internal examinations for which college conducts two internal tests, two quizzes and one written assignment followed by power point presentations/class seminars etc.
- A central evaluation for the manuscripts of external examinations is conducted at

University campus. Similar procedure is followed for the annual system for under graduate classes.

- The new objective type examination pattern has been introduced in IIInd and IVth semester of post graduate classes and for the third year of all under-graduate classes. OMR answer sheets are used for these examinations.

#### **6.3.4 Research and Development**

The college has set up a Research & Development Committee to promote research among the faculty members and students. The college encourages the faculty members to submit research proposals (Major or Minor) to various funding agencies. The college also extends infrastructural support to the faculty members to carry out their research work smoothly and efficiently. For the same purpose the college has subscribed to 'INFLIBNET' and 'DELNET' programmes to provide easy access to online journals and books of national and international level from time to time, faculty members and students of postgraduate classes are encouraged to use e-resources and are also provided training in the same.

#### **6.3.5 Library, ICT and physical infrastructure/instrumentation**

Following technologies and facilities are available for the use of faculty for effective teaching:

- Virtual/ Electronic library,
- UGC-approved INFLIBNET N-LIST Programme through which the faculty members/students can access a wide range of e-journals and e-books,
- Well equipped laboratories,
- Fully automated central library,
- Well developed departmental libraries,
- Well developed computer labs,
- Well equipped language lab,
- ICT-based smart classrooms,
- Museum in the Department of History, Botany and Zoology,
- Computers and with internet facility in all the departments of the college,

### **6.3.6 Human Resource Management**

The administration has developed mechanisms to observe the work of each and every employee closely. At the same time, it takes care of the employee's well-being to help them perform their duties efficiently and effectively.

“Grievance Redressal Cell” also functions to redress the grievance of various stakeholders of the college.

### **6.3.7 Faculty and Staff recruitment**

#### **Faculty recruitment**

The appointment of teachers in regular programmes is sole right of Government of Uttar Pradesh. The management has no authority to make any appointment for these programmes. The college appoints faculty to teach new/specialized self-finance programmes/courses like Biotechnology, Library Science, Computer science and Managements on regular/contractual basis as per norms provided by Government of Uttar Pradesh. The requisite number of posts as per conditions laid down by the university are advertised in leading newspapers and also on the college website. Eligible candidates are interviewed by a panel/ selection committee, consisting of the principal, coordinator of the concerned departments, and experts two external appointed by affiliating university. Qualified and meritorious candidates selected to teach these courses.

#### **Staff recruitment**

The recruitment of the non teaching staff is done collectively by the District Employment Officer, Regional Higher Education officer, The Management Committee and Principal of the institution.

### **6.3.8 Industry Interaction/ collaboration**

Students are taken on educational visit to various nearby industries for first-hand knowledge.

### **6.3.9 Admission of students**

- Admissions of the students in courses like B.A., B.Sc., M.A., M.Sc., B.C.A. and B.B.A is done on the basis of merit list provided by the university which is prepared on the basis of marks obtained by the

students in the qualifying classes. Admission to every course is conducted under the supervision of admission committees of various courses constituted for the purpose.

- The numbers of seats for add-on courses like ‘O’ Level, ‘A’ Level, ‘CCC’ and ‘BCC’ are limited. The students for these courses are selected on the basis of interview and personal interaction with the students.

#### 6.4 Welfare schemes for

|                           |  |
|---------------------------|--|
| Teaching and Non Teaching | Staff Welfare Scheme at University Level |
| Students                  | NRI Scholarship (annually given)         |

#### 6.5 Total Corpus Fund Generated

NA

#### 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       | NA     | No       | NA        |
| Administrative | No       | NA     | No       | NA        |

#### 6.8 Does the University/ Autonomous College declare 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?

- Although the university provides guidelines regarding internal evaluation for the semester system at the post graduate level, the college plays a limited role in introducing evaluation reforms on its own.
- For instance, the college ensures that project work/ dissertation is carried out in the fourth semester of PG classes.
- Informal objective tests in the classes are conducted to prepare students for the university examinations.

- In order to improve the performance of the students' remedial classes for the weaker students, special coaching classes for the average students and special guidance for the advance learners are being arranged.

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

NA

### **6.11 Activities and support from the Alumni Association**

The college has an alumni association. It also has formed a committee to collaborate with the alumni that includes the former faculty members and members of non-teaching staff. It would remain in touch with the alumni through the college email, MMC Blog and Facebook.

Ratan Lal – Savitri Devi Gupta Memorial Scholarships and Awards are given to the meritorious students who excel in their respective academic streams. These Scholarships and awards are funded by the NRI alumni, Mr. S.P.Gupta.

### **6.12 Activities and support from the Parent-Teacher Association**

Principal interacts with the parents on issues pertaining to academics, discipline in the college, new initiatives taken by the college etc. Faculty members endeavour to remain in touch with the parents of students to get feedback on various aspects of the functioning their respective departments.

### **6.13 Development programs for support staff**

Various programs are organized by the Department of Computer Science like 'CCC', and 1-2 days workshops to make them computer friendly.

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

- \* Energy conservation
- \* Efforts for Carbon neutrality
- \* Plantation
- \* Hazardous waste management
- \* E-waste management

## **Energy Conservation**

Making the campus eco-friendly is one of the major concerns of the college. Thus the college takes opinions of experts and plans strategies to sustain the campus environment. It makes rigorous efforts to implement the plans effectively with the help of its students and teaching staff.

Following measures have been taken to conserve the energy:

- Fluorescent tube lights are replaced by LEDs.
- In non-reading and non-working areas, reduced lighting (25watts- 40 watts) is used.
- For outdoor lighting, high pressure sodium or metal halide lamps are installed.
- Lights are switched off once the work is over.
- Computers, printers, photocopiers etc, which are not in use, are shut down and disconnected at the end of a working day.
- Electronic equipments and gadgets are shut- off during non-working hours.
- Members of the student council and teaching faculty are deputed to check the wastage of electrical energy who ensure that fans or lights in unoccupied classrooms or laboratories are not switched on.

## **Efforts for Carbon Neutrality**

- Plantation of trees has been increased in the campus to sequester CO<sub>2</sub> that is emitted in the atmosphere.
- The greenhouse gas emission is reduced by encouraging the employees to use car pool, and the students to share vehicle.

## **Plantation**

- Tree plantation drives are organized regularly by the college authorities to create clean and green campus.
- A botanical garden that has a vast variety of medicinal plants has been developed in the college campus.

## **Hazardous Waste- Management**

- Waste chemicals from the chemistry laboratory are properly disposed by keeping them separately in protected sheets/bottles.

- Waste furniture, etc. is sent to the workshop for dismantling and purpose for recycling or re-use.

### **E-Waste Management.**

- Electronic waste such as discarded computers, refrigerators and other electronic equipments is sent to the nearest C.B.S Centre.
- Rallies and awareness drives are organized by the college to make the local public conscious of its responsibility towards managing e-waste in a manner that it does not affect the environment adversely.

### **Swachh Bharat Mission.**

The college is actively engaged in ‘**Swachh Bharat Mission**’.



## 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.

- Installation of CCTV cameras at strategic points
- Campus became Wi-Fi
- Software was developed to computerize the attendance of students and faculty members

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

1. There were various programmes of guest lecture, seminar, endowment lectures, national and international conferences which were conducted at the department and college level as planned at the beginning of the academic year.
2. The college has taken a serious effort to motivate students to come in large numbers for various special programmes like coaching classes for English, remedial and mentoring.
3. The college has initiated various action on issues related to infrastructure, academic and research as they were raised in the Open Forum by the students, and the action taken report was also presented at the time of Open Forum.
4. A review meeting is organised at the end of various college programmes to analyze and find out areas of improvement. It helps the college to organise various events of the college with greater efficiency and effectiveness.
5. Various activities in the department and college were documented in a visual format and presented to the stake holders.

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

1. Use of Information and communication Technology (ICT) for teaching/ learning process
2. Museums have been set up in various departments of science and Humanities to make teaching/ learning process more effective and interesting

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

## **Annexure – I**

### **1. Title of the Practice:**

*Use of Information and communication Technology (ICT) in teaching learning process*

### **2. Goal**

- To address the problem of individual differences of students
- To develop a better understanding and application of concepts
- To empower teachers and learners and enable them to keep pace with the fast-changing times in terms of use of technology in teaching/learning.
- To improve presentation of study material in the class, thereby increasing the interest of students in their field of study.
- To enable teachers to deliver more study material to students within the given time
- To strengthen the teaching-learning process and make it more interesting and interactive
- To juxtapose the teaching/learning of language and interactive.
- To help the teachers and students to update their knowledge and skills through internet, e-resources, etc.
- To improve language/communication skills of students.

### **3. The Context**

With the present infrastructure, class size, availability of teachers etc., it is difficult to achieve all the objectives. To achieve these multidimensional objectives, multiple methods need to be used in an integrated manner. Information and communication technology (ICT) is one of these methods which greatly helps to deliver efficiently and effectively. It also provides flexibility to a learner which is denied by the traditional teaching/learning method. It helps students to understand different concepts in a better way, to improve, developing reasoning and analytical power, etc. For the use of ICT, it is difficult to procure documentaries, interviews, scientific demonstrations, etc.

### **4. The Practice**

The College has four computer labs with more than 100 computers having the latest configuration, interest and required software/s. The college campus is laced with wifi facility. There is one language lab with 20+01 computers with related accessories and internet. The central library is fully automated and has internet and reprographic facilities. There is an e-library too with 20+01 computers and the facility of INFLIBNET to access e-resources such as e-journals, e-books, etc.

All the departments have facility of computer and internet that helps the faculty members to access internet, search required study material online, and prepare lectures.

Smart classrooms are used in various departments for effective delivery of teaching material. They also help teachers to present more content within the available time. In the department of English, post-graduate classes are taught literature with the help of audio-visual aids. For instance, poems (rendered by the poet himself/herself or by a native speaker of English) are played on the audio system so that students learn appropriate pronunciation, intonation, stress, etc. Similarly, documentaries/interviews of poets, novelists, etc. are shown to students to arouse their interest and give them a better idea about the latter's life, works, etc. In the department of Zoology video demonstrations of certain experiments are shown to students of post-graduate classes.

Research scholars and students of post-graduate classes are encouraged to use e-library to develop self-learning habit and to update their knowledge. To promote the ability of self-expression, and for the purpose of e-content development, internal seminars are held for students of post-graduate classes. In these seminars, students are encouraged to present their topic through power-point presentations. Students of various classes are also encouraged to opt for atleast one computer-based add-on course to develop their skills for jobs.

#### **5. Evidence of Success**

- Students are more interested and regular in attending the classes
- With use of ICT, teachers are able to deliver more study material to students in the given time
- Interaction between teachers and students has increased
- Students feel more interested in reading a particular author's work after watching a documentary on him/her.
- Students attend language lab sessions seriously which shows their keenness to improve their language skills.

#### **6. Problems Encountered and Resources Required (150words)**

- More number of computers would help to make sure that all the students of a particular class are given training in one session that would save time and energy.
- Scarcity of teaching and non teaching staff is a great hindrance in effective use of ICT due to high student-teacher ratio
- Lack of funds is a greater challenge in enhancing the ICT based infrastructure upto the optimum level
- Overloaded faculty members and non-teaching staff have very little time to learn new developments in the area of ICT
- Adequate professional training is needed to further enhance the capabilities of both teaching and non-teaching staff in order to use ICT efficiently and effectively

## **Annexure – II**

1. **Title of the Practice:** Museums have been set up in various departments (Zoology, Botany, and History).

### **2. Goal**

The objectives of setting up of museums are as follows:-

- To make teaching/ learning process more effective and interesting.
- To preserve rare species of plants, animals and artefacts so that they can be used to impart knowledge to future generations as well.

### **3. The Context**

Museums have been set up in various departments of the college to primarily preserve the flora and fauna of the country as well as its heritage. The aim is to make students, the youth aware of the rich diversity that exist in the country, and to encourage deeper knowledge of the same.

### **4. The Practice**

The specimens of plants and animals that are preserved in the museum of the department of Botany and Zoology respectively have been collected over the years from various sources such as original habitats, fields( of different parts of the country such as Goa, Himachal Pradesh, Dehradun, Uttar Pradesh, etc.), and authentic suppliers. These specimens are preserved carefully in preservatives the quantity and quality of which is checked periodically. The museum that is housed in the department of history has ancient manuscripts, replicas collected from Mathura Museum and National Museum at New Delhi, and original relics. All these materials available in the museums (of department of Botany, Zoology and History) are shown by faculty members to students to facilitate better and clearer understanding of the respective topic of the subject. Efforts are made to continually add to the existing materials in various museums of the college.

### **5. Evidence of Success**

Students have provided feedback that says that they have found learning about plants, animals and about history easier, quicker and more interesting when they are shown specimens of plants and animals or artefacts and relics respectively.

#### **1. Problems Encountered and Resources Required**

- Funding is one of the major problems in the expansion and maintenance of the museums. For instance, in the case of museum in department of Botany, the quantity as well as quality of preservatives in which specimens of plants are kept has to be checked from time to time and changed too, if required that required adequate funds.

Similarly, it is extremely expensive to procure original relics and manuscripts to add to these existing in the Department of History.

- More manpower is also required to maintain and look after the upkeep of the museums.

#### 7.4 Contribution to environmental awareness / protection

1. Energy conservation
2. Efforts for Carbon neutrality
3. Plantation
4. Hazardous waste management
5. E-waste management

7.5 Whether environmental audit was conducted? Yes  No

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

SWOT analysis

##### **Strength–**

1. Highly qualified faculty who is adaptive to rapidly changing and evolving educational scenario.
2. Well developed ICT facilities for teaching/ learning process.
3. Highly developed laboratories.
4. Well-developed museums
5. College magazine (released annually)

##### **Weakness–**

1. Inadequate member of teaching, non teaching staff and lab staff.
2. High student teacher ratio.
3. Lack of autonomy in curriculum designing and evaluation process.

##### **Opportunities –**

1. Tap the research potential of faculty members and students through UGC & CSIR and other agencies.
2. Community extension activities/services.

##### **Threats/ Challenges –**

1. To educate and train the students coming from rural background.
2. To promote inter disciplinary courses and skill development courses.
3. To develop strong centralised research facility.
4. To provide the facility of campus placements to students.

## 8.Plans of institution for next year

### 8.Plans of institution for next year

- Automation of administrative activities,
- Upgradation of library facilities,
- Upgradation of laboratories,
- Upgradation of instrumentation laboratory,
- Expansion of the existing curriculum,
- Gender sensitization and women empowerment programmes,
- Extension of sports facilities,
- Maintenance of Convocation Hall,
- Extension of CCTV cameras as per requirements,
- To provided intercom facility in various departments and offices of the college.
- To install bio-metric machine for staff attendance.

Name:Dr. Ravi Kumar



Signature of the Coordinator, IQAC  
**(DR. RAVI KUMAR)**  
DIRECTOR/COORDINATOR, IQAC  
M. M. COLLEGE  
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Name:Dr.R.C.Lal



Signature of the Chairperson, IQAC  
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CHAIRPERSON, IQAC  
M. M. COLLEGE  
MODINAGAR

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**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          |

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