## **BRIEF PROFILE OF THE FACULTY Department of Mathematics**

1. Name : Dr. M. A. Siddiqui

2. Designation : Professor

3. Educational Qualification : M.Sc., M. Phil, Ph. D

4. Specialization in P.G. : Hydromechanics and

**Advanced Statistics** 

5. Details of Achievements : Published two books

1. Discrete Mathematics,

According to new UGC Syllabus,

Ram Prasad and Sons Agra.

2. Co-ordinate Geometry of three

Dimension & differential Equations

Yugbodh Prakashan, Raipur.

6. Details of Research Project : One MRP (UGC) completed in 2007.

7. Email Address : <u>dr\_m\_a\_siddiqui@yahoo.co.in</u>

8. Teaching Experience (as on 1.11.2015) : Years: 33 Months: 03

9. Detail of Research (In Brief) : Working on Approximation Theory

and its application

10. Whether you are a recognized Supervisor : Yes

for Ph.D. Guidance?

If yes, Give details

| S.No. | Topic                                | Year (Completed/Ongoing) |  |  |  |  |  |
|-------|--------------------------------------|--------------------------|--|--|--|--|--|
| 1.    | ON THE DEGREE OF APPROXIMATION BY    | Awarded on 18.11.2014    |  |  |  |  |  |
|       | POSITIVE LINEAR OPERATORS            |                          |  |  |  |  |  |
| 2     | APPROXIMATION OF FUNCTION BY CERTAIN | Ongoing                  |  |  |  |  |  |
|       | LINEAR POSITIVE OPERATOR             |                          |  |  |  |  |  |
| 3     | A STUDY OF PROBLEMS IN THE THEORY OF | Ongoing                  |  |  |  |  |  |
|       | APPROXIMATION                        |                          |  |  |  |  |  |

## 11. Details of Publications:

| Year | Title                                | Name of            | ISSN     | Volume/ |
|------|--------------------------------------|--------------------|----------|---------|
|      |                                      | Journal/Book       | No./ISBN | Edition |
|      |                                      |                    | No.      |         |
| 2015 | NIL                                  |                    |          |         |
| 2014 | On a class of modified new Bernstein | Adv. Studies       |          | 24(1)   |
|      | operators                            | Contemp. Math.     |          |         |
| 2013 | NIL                                  |                    |          |         |
| 2012 | NIL                                  |                    |          |         |
| 2011 | 1. A Voronovskaya type theorem on    | Korea math.        |          | 51      |
|      | modified post widder operators which | Journal            |          |         |
|      | preserve x <sup>2</sup> .            |                    |          |         |
|      | 2. A Voronovskaya type theorem on    | International      |          |         |
|      | modified Agratini operators which    | journal of applied |          | 3(1)    |
|      | preserve x <sup>2</sup> .            | mathematics and    |          |         |
|      |                                      | physics            |          |         |

## 12. Seminar/Symposia/Workshops attended during the last five years:

| Year | Topic of                              | Date         | Paper   | Whether         |  |  |
|------|---------------------------------------|--------------|---------|-----------------|--|--|
|      | Workshop/Seminar/Symposia/Conference  |              | present | participated as |  |  |
|      |                                       |              | Yes/No  | resource        |  |  |
|      |                                       |              |         | person          |  |  |
| 2015 | District level workshop on Madhav     | 03.11.2015   |         | Co-odinator     |  |  |
|      | Mathematics Workshop                  |              |         |                 |  |  |
|      | 2. National Seminar on Continuity and |              |         |                 |  |  |
|      | Convergence in Different Spaces.      | October 2015 |         | RP              |  |  |
|      | 3. National Workshop on Recent        |              |         |                 |  |  |
|      | Advance in Machine Learning and       | 20-21 Feb    |         |                 |  |  |
|      | soft computing Approaches             | 2015         |         |                 |  |  |
|      |                                       |              |         |                 |  |  |

|      | 4. National Seminar on EHMTSD (Urja-    | 02-03 Dec  |             |
|------|---|------------|-------------|
|      | 2015)                                   | 2015       |             |
| 2014 | National Seminar on Some Interesting    | 18.12.2014 | RP          |
|      | application of Mathematics              |            |             |
|      | 2. State level Workshop on              |            |             |
|      | "Mathematical Olympiad.                 | 27.12.2014 | Chairperson |
|      | 3. <b>National Workshop</b> on "Madhava |            |             |
|      | Mathematics Competitions"               |            |             |
|      | (NWMMC 14)                              | 27.12.2014 | Chairperson |
| 2013 | 1. National workshop "Quality           | 08-09 Feb  |             |
|      | enhancement through innovations in      | 2013       |             |
|      | teaching learning, evaluation and       |            |             |
|      | implementation of healthy practices.    |            |             |
| 2011 | National Workshop on "Recent Trends in  | 11-13 Oct  | Convener    |
|      | Graph Theory & Cryptography"            | 2011       |             |

## 13. Other Information (If any):

Life Membership in Sandipani Mathematical Academy, Ujjain (M.P.).

| D | ate: | • | • | • | • | • | • | • | • | • | • | • | • |  |
|---|------|---|---|---|---|---|---|---|---|---|---|---|---|--|
| D | ate: | • | • | • | • | • | • | • | • | • | • | • | • |  |