

# Devi Ahilya Vishwavidyalaya, Indore

## Academic Audit Report

Department/Centre/School of Studies..... School of Mathematics.....  
Year 2018-19.....

Score: 1 Very Poor Score 2: Poor Score 3: Average Score 4: Good Score 5: Very Good

### I. CURRICULUM DEVELOPMENT

- |   |   |
|---|---|
| 1. Learning objectives are clearly defined and measurable.                      | 4 |
| 2. Learning objectives are inline with student needs.                           | 4 |
| 3. Learning objectives are inline with industry needs.                          | 3 |
| 4. Content development is inline with the learning objectives.                  | 5 |
| 5. Content revision and updating is done regularly (if yes, specify frequency). | 5 |
| 6. Curriculum is flexible enough to incorporate changes.                        | 5 |
| 7. Choice Based Credit System is followed.                                      | 5 |
| 8. Courses are inline with mission and vision.                                  | 4 |
| 9. Courses are inline with the requirement of the students.                     | 4 |

### II. TEACHING AND LEARNING PROCESS

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|--|----|
| 1. Academic calendar is prepared and communicated to the students.             | 5  |
| 2. Learning objectives are communicated to the students.                       | 5  |
| 3. Syllabi and session plan is clearly communicated to the students.           | 3  |
| 4. Syllabi is completed as per the session plan.                               | 3  |
| 5. Adequate amount of teaching material is provided.                           | 5  |
| 6. Teaching pedagogy is inline with the learning objectives.                   | 5  |
| 7. Faculty makes use of ICT in teaching.                                       | 02 |
| 8. Syllabi is completed within the stipulated period of time.                  | 05 |
| 9. Tutorials/Extra sessions/Remedial classes are conducted as per requirement. | 03 |
| 10. Guest lecturers /workshops are organized on a regular basis.               | 03 |
| 11. Innovative teaching methods are adopted by the faculty members.            | 04 |
| 12. Teachers perform the work of mentoring students.                           | 03 |

### III. EVALUATION PROCESS

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|---|----|
| 1. Evaluation criteria and process is clearly defined and communicated to the students. | 05 |
| 2. Transparency in examination is ensured.  | 05 |
| 3. Students are communicated the examination schedule well in advance.                  | 04 |
| 4. Student is assessed on a continuous basis through various instruments.               | 05 |
| 5. Transparency in evaluation is ensured.   | 05 |
| 6. Grievance handling mechanism exists in the institute.                                | NA |

IV. RESEARCH ACTIVITIES

1. Funds for research are provided by the institute to faculty members
2. Research facilities like library, laboratory, databases etc. are made available.
3. Monetary and non monetary incentives are given to faculty members for the promotion of research culture.
4. Research cell exists in the institute.
5. Research papers in national referred journals are published by faculty members in last year as per UGC list.
6. Research paper in international refereed journals published by faculty members in last year as per UGC list.
7. Ph.D. awarded by faculty members in the last one year. 01
8. Faculty members completed their Ph.D. in the last one year.
9. Books are published by the faculty members. 01
10. Papers are present national conferences by faculty members.
11. Consultancy projects are undertaken by the faculty members.
12. Funded projects are taken up by the faculty members.
13. Award/recognitions are achieved by the faculty members.
14. Collaborative Research activities are under taken by the dept.
15. Consultancy projects which lead to solution of specific social/business problems.
16. patents are taken by faculty,
17. Workshops, Seminars conducted by the Dept.
18. Workshops, Seminars conduced at International level.
19. MOU/ Collaboration exists.

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V. INFRASTRUCTURE AND LEARNING RESOURCES

1. Institution provides necessary facilities for teaching such as class room, furniture etc.
2. Washrooms, common rooms are available for boys and girls separately.
3. Classrooms are ICT enabled.
4. Computer lab is equipped with state-of-the-art facilities.
5. Library is equipped with digital and non- digital learning resources.
6. Library and computers are continuously upgraded.
7. Facilities for sports and extracurricular activities are provided.
8. The Institute is equipped with multimedia theatre/auditorium.
9. Proper maintenance of infrastructure is done from time to time.
10. Facility of clean drinking water is available.
11. The institute has refreshment centre for students and facilities.
12. Divyang friendly Infrastructure is available.
13. Divyang friendly wash room facility.

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VI. COCURRICULAR ACTIVITIES

1. Adequate resources are available for sports, cultural and other activities.
2. Co-curricular activities are encouraged.
3. Co-curricular activities are designed to ensure overall development of the Institute.

NA
03
03

V. High Lights: Any special thing which the department would like to mention.

Faculty members are active in teaching & research activities.

Jayant

Signature of the Expert:

Name JAYANTHAN, A. J.

Address Department of Mathematics,  
Goa University, GOA.

Mobile No. 94 21086191

E mail: jayant@unigoa.ac.in

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# Devi Ahilya Vishwavidyalaya, Indore

## Academic Audit Report

Department/Centre/School of Studies School of Mathematics

Year 2018-19

Score: 1 Very Poor Score 2: Poor Score 3: Average Score 4: Good Score 5: Very Good

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19. MOU/ Collaboration exists.

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V. INFRASTRUCTURE AND LEARNING RESOURCES

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VI. COCURRICULAR ACTIVITIES

1. Adequate resources are available for sports, cultural and other activities.
2. Co-curricular activities are encouraged.
3. Co-curricular activities are designed to ensure overall development of the Institute.

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4
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V. High Lights: Any special thing which the department would like to mention.

Faculty members are actively engaged in Research and Teaching activities

Signature of the Expert:

*R Jain*  
05-1-19

Name Dr. Renu Jain

Address Professor and Head  
School of Mathematics  
and Allied sciences  
Jiwaji University, Gwalior (M.P.)

Mobile No. 9425122844

E mail: renujain3@rediffmail.com  
renujain.rjs6@gmail.com

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SCHOOL OF MATHEMATICS  
DEVI AHILYA UNIVERSITY , INDORE

REPORT OF COMPREHENSIVE VIVA-VOCE BOARD

We have conducted the comprehensive viva-voce of M.Sc (Mathematics)

✓ I / III semester for the session July 2014 - Dec'2014.

The point - wise report is as follows :

Standard of course : *very good .*

Coverage of Syllabus : *good .*

Standard of test papers : *good .*

Standard of Lab. Experiment ( if any ) : —

Standard of marking of test papers : *good .*

Suggestions for improvement : —

*MVP*  
20-12-2014

*B. S. B.*  
20/12-2014

*K. N. J. S. L. M.*  
20.12.2014

SCHOOL OF MATHEMATICS  
DEVI AHILYA UNIVERSITY, INDORE

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Coverage of Syllabus : *good* .

Standard of test papers : *good* .

Standard of Lab. Experiment ( if any ) : *—*

Standard of marking of test papers : *good* .

Suggestions for improvement : *—*

*ASB*  
*19.12.2014*

*19-12-2014*

*K. Rajeswari*  
*19.12.2014*



Report of Comprehensive Viva-voce Board

We have conducted the Comprehensive Viva-voce of M.Sc. (Mathematics) semester II (January 2015 to June 2015). The point-wise report is as follows :

Standard of course : Very good

Coverage of syllabus : whole syllabus is covered

Standard of test papers : Very good

Standard of Lab. Experiment (if any) :- Good

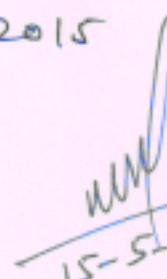
Standard of marking of test papers:- Very good / excellent

Suggestions for improvement:- Strength of the faculty should be increased so that more optional papers could be offered

Date : 15-5-2015

Signature

R Jain

  
15-5-2015

K. K. Jaiswal  
15-5-2015

Report of Comprehensive Viva-voce Board

We have conducted the Comprehensive Viva-voce of M.Sc. (Mathematics) semester IV (January 2015 to June 2015). The point-wise report is as follows :

Standard of course : *Very good*

Coverage of syllabus : *Whole syllabus is covered*

Standard of test papers : *Excellent*

Standard of Lab. Experiment (if any) :- *Good*

Standard of marking of test papers:- *Excellent*

Suggestions for improvement:- *Strength of faculty should be improved so that more optional papers could be offered.*

Date : *14-5-2015*

*R. Jain*  
Signature

*14-5-2015*

*Prof. J. S. ..  
14-5-15*

SCHOOL OF MATHEMATICS  
DEVI AHILYA UNIVERSITY, INDORE

REPORT OF COMPREHENSIVE VIVA-VOCE BOARD (Academic Audit)  
(As per revised ordinance 31 para 18.3)

We have conducted the comprehensive viva-voce of M.Sc (Mathematics) I semester for the session July 2015 - Dec'2015.

The point - wise report is as follows :

Standard of course : *good*

Coverage of Syllabus : *To reasonable extend*

Standard of test papers : *good.*

Standard of Lab. Experiment ( if any ): *Nil*

Standard of marking of test papers : *valuation of test papers are good*

Suggestions for improvement : *Student seminars should be conducted on regular basis to improve their performance.*

*[Signature]*  
17-12-2015

K. Santarane

*[Signature]*  
17-12-15

*[Signature]*  
17-12-15

SCHOOL OF MATHEMATICS  
DEVI AHILYA UNIVERSITY, INDORE

REPORT OF COMPREHENSIVE VIVA-VOCE BOARD (Academic Audit)  
(As per revised ordinance 31 para 18.3)

We have conducted the comprehensive viva-voce of M.Sc (Mathematics) III semester for the session July 2015 - Dec'2015.

The point - wise report is as follows :

Standard of course : *good*

Coverage of Syllabus : *To reasonable extend*

Standard of test papers : *good*

Standard of Lab. Experiment ( if any ): *Nil*

Standard of marking of test papers : *valuation of test papers are good.*

Suggestions for improvement : *Student Seminars should be conducted on regular basis to improve their performance*

*K. Sankaranam*

*B. Sankar*  
*16.12.15*

*M. S. Sankar*  
*16-12-2015*

*K. Rajeswari*  
*16.12.15*

Report of Comprehensive Viva-voce Board

We have conducted the Comprehensive Viva-voce of M.Sc.  
(Mathematics) semester-II 2017.

The point -wise report is as follows :

Standard of course : *As per UGC norms. (Curriculum).*

Coverage of syllabus : *good.*

Standard of test papers : *Very good.*

Standard of Lab. Experiment (if any) :- *N.A.*

Standard of marking of test papers:- *marking method is good.*

Suggestions for improvement:- \_\_\_\_\_

Date : *18/05/17*

*K. Rajeswar*  
*18-5-17*

*[Signature]*  
*18-5-2017*

*[Signature]*  
Signature *18/05/17*

Report of Comprehensive Viva-voce Board

We have conducted the Comprehensive Viva-voce of M.Sc. (Mathematics) semester-I 2017.

The point -wise report is as follows :

Standard of course : *As per UGC norms.*

Coverage of syllabus : *Satisfactorily.*

Standard of test papers : *up to standard mark*

Standard of Lab. Experiment (if any) :- *N.A.*

Standard of marking of test papers:- *satisfactorily*

Suggestions for improvement:-

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Date : 13.12.17

*[Signature]*  
13-12-2017.

*[Signature]*  
13.12.17  
Signature

Report of Comprehensive Viva-voce Board

We have conducted the Comprehensive Viva-voce of M.Sc.  
(Mathematics) semester-III 2017.

The point-wise report is as follows :

Standard of course : *As per UGC curriculum.*

Coverage of syllabus : *satisfactory*

Standard of test papers : *up to the mark*

Standard of Lab. Experiment (if any) :- *N.A.*

Standard of marking of test papers:- *valuation is satisfactory*

Suggestions for improvement:-

Date : 14.12.2017

*[Signature]*  
14-12-2017.

*[Signature]*  
14.12.17  
Signature

Report of Comprehensive Viva-voce Board

We have conducted the Comprehensive Viva-voce of M.A./M.Sc. (Mathematics) semester I (July 2018 to December 2018).

The point –wise report is as follows :

Standard of course : *Very Good*

Coverage of syllabus : *Almost whole course is covered  
(Very Good)*

Standard of test papers : *Very Good*

Standard of Lab. Experiment (if any) :- *NA*

Standard of marking of test papers:- *Very Good*

Suggestions for improvement:- *Computer Lab should be included in the syllabus*

Date : 05-1-2019

*Bhanu*  
5-01-2019

*..*  
5-1-2019  
*Kmr Rajeswari*  
5.1.19

*R. Jain*  
Signature



Report of Comprehensive Viva-voce Board

We have conducted the Comprehensive Viva-voce of M.A./M.Sc.  
(Mathematics) semester III (July 2018 to December 2018).

The point-wise report is as follows :

Standard of course : Very Good

Coverage of syllabus : Almost whole course is covered  
(Very Good)

Standard of test papers : Very good

Standard of Lab. Experiment (if any) :- NA

Standard of marking of test papers:- Very Good

Suggestions for improvement:- Computer Lab should be  
included in the syllabus

Date : 05-1-2019

Shonhan  
5-01-2019

mmf  
5-1-2019  
Kmrjession  
5/1/2019

Rajan  
Signature