



CRITERION III
RESEARCH, INNOVATIONS AND EXTENSION
SESSION
2019-20 to 2023-24



SSR

Key Indicator

3.4

Metrics

3.4.1

**GOVT. M. H. COLLEGE OF HOME SCIENCE
AND SCIENCE FOR WOMEN
JABALPUR (M.P.)**



OFFICE OF THE PRINCIPAL

GOVT. M.H. COLLEGE OF HOME SCIENCE AND SCIENCE FOR
WOMEN JABALPUR (M.P.)

NAAC Accredited "B+"
A College With Potential for Excellence by UGC

Tel No. 0761-4005716, 2407326

Fax No. 0761-4005716

Website : www.gmhcollege.nic.in

Email : principal@gmhcollege.nic.in

Date : 27/08/2024

DECLARATION BY THE HEAD OF INSTITUTION

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge. This SSR is prepared by the institution after internal discussion and no part thereof has been outsourced.

Dr. Nandita Sarkar

PRINCIPAL

Govt. M.H. College of Home Sc. & S.
Government M.H. College of Home
Science and Science for Women
Jabalpur (M.P.)

<http://www.gmhcollege.nic.in/>

GOVERNMENT M. H. COLLEGE OF HOME SCIENCE AND SCIENCE FOR WOMEN, JABALPUR (M.P.)

Website : www.gmhcollege.nic.in Email : principal@gmhcollege.nic.in



www.gmhcollege.org.in

शासकीय मो.ह.गृह विज्ञान एवं विज्ञान महिला, महाविद्यालय

GOVERNMENT M. H. COLLEGE OF HOME SCIENCE & SCIENCE FOR WOMEN

नैपियर टाउन, जबलपुर - 482002 मध्य प्रदेश, भारत
Napier Town, Jabalpur - 482002 Madhya Pradesh, India

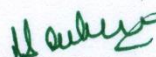
3.4.1 The Institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following:

1. Inclusion of research ethics in the research methodology course work
2. Presence of institutional Ethics committee (Animal, Chemical, Bio-ethics etc.)
3. Plagiarism check through software
4. Research Advisory Committee

Attached – **Ethical Value in Research Work, Meeting, Concern Letter of Research Centre and Syllabus (In Sequence)**

Plagiarism Software - Plagiarism check by the University after Pre PhD Viva.


Dr. Nandita Sarkar
PRINCIPAL
Govt. M.H. College of Home Science
Government M.H. College of Home
Science and Science for Women
Jabalpur (M.P.)

**OFFICE OF THE
PRINCIPAL**

**Govt. M.H. College of Home Science and Science for Women Jabalpur M.P.
Reaccredited by NAAC Grade 'B+'**



Ph. 0761-2407326
Fax No. 0761-4005716

E-mail:- hegmhsgpgcjab@mp.gov.in
Website:- www.gmhcollege.org.in

Ethical Values in Research Work

Incorporation of fundamental ethical principles to research activities is an essential element of research. It includes honest planning, conduct and reporting of the findings. Some principles to be adopted for healthy research are-

- Honest reporting of data results, methods, procedures and publication.
- To maintain objectivity in aspects of research such as experimental design, data interpretation and analysis, personal decisions, etc.
- To maintain confidentiality in patents and other personal records.
- Avoid plagiarism and maintain respect for copy rights, patents and other forms of intellectual property.
- Critical analysis of data collected.
- Be fair in mentoring scholars, irrespective of sex, religion, caste, creed etc. and focus on their competence.
- Mentors and scholars should upgrade their knowledge regularly.
- Have compassion while conducting research on animals/humans, causing them minimum risk and harm.
- Take care of institutional and government policies and respect relevant laws.

Research Coordinator

Principal

Govt. M.H. College of Home Science
and Science for Women Jabalpur M.P.

upload on website

7/03/23

Meeting - 1 - 01.04.2020

1

Online meeting was conducted through googlemeet for composition of Research advisory committee valid for three years (2019-2022) according to U.G.C norms set for colleges. The following members were nominated by the Principal for the Constitution of RAC.

Attendees were directed to perform their duties as assigned.

Composition of Research Advisory Committee (Valid for 3 years 2019-20, 20-21, 21-22)

1. The chairman - Dr. Nandita Sarkar
Principal, Govt M.H. College, JBP.
2. The Convener - Dr. Brijlata Dubey B Dubey
3. In-charge of Research Cell - Dr. Sonita Pathak S Pathak
4. Co-ordinators - Teaching Faculty members with Res. Supervising experience (5-7)
 - (i) Dr. Neelima Raipuria (BOTANY) N Raipuria
 - (ii) Dr. Geeta Shukla (H.D.) G Shukla
 - (iii) Dr. Sadhana Kesharwani (Zoology) Sadhana
 - (iv) Dr. Bhavna Sharma (Textile) B Sharma
 - (v) Dr. Binay Singh (Chemistry) B Singh

P.T.O

Non Teaching staff -

(i) Mrs. Pooja Kori - Pooja

Convenor - Dr. Briglata Dubey - B. Dubey

Research Advisory Committee Meeting Minutes

Date - 01.4.20

Time - 3.00 to 4.00 pm

Location - Online meeting on Google meet

Discussions and Decisions :-

Date of next meeting :-

(i) Formation of Research Policy and Research Ethics and Compliance - was discussed.

Attendees

(i) Dr. B.K. Singh - B.K. Singh

(ii) Dr. Smita Palhak - Palhak

(iii) Dr. Sadhana Kesharwan - Sadhana

(iv) Dr. Geeta Shukla - Shukla

(v) Dr. Bhavna Sharma - Bhavna

(vi) Dr. Neelima Raipuria - Neelima

Sadhana
11/4/2020
Principal

Online meeting was conducted on 12.5.2020 at 3.00 pm to discuss Research Policy and Ethics drafted by the Committee members under guidance of Honorable Chairman. Draft was discussed and finalized after few suggestions of Convener and Co-ordinators.

Discussions and Decisions -:

- (1) To upload Research Policy and Res. Ethics on website after correction and signature of Principal - Chairman of the Committee.
- (2) It is advised by RAC members to provide information in their respective fields of Research. Conferences, Workshops, Symposia, Training Programmes, Online Courses or any other research related activities. Online viva of Ph.D scholars should be taken.
- (3) It was directed that Res. Policy and Res. ethics should be strictly followed and information should be given to the P.G and Res. candidates.

① Dr. S. Keshawani - @

② Dr. S. Pathak - Pathak

③ Dr. Geeta Shukla -

④ Dr. Bhavna Sharma -

⑤ Dr. Binay Singh -

BS
Bsharma
BS

Convener - Dr. B. Dubey -:

Non Teaching - Mrs. Pooja Kori -

BS
Convener

Pooja

Principal.

Online meeting was conducted on 18.8.20 at 3.30 pm to discuss about

- i) Research work and publication of Research papers online.
- ii) To organize and attend National and International Webinars / Training Programmes on their respective fields by involving College and intercollegiate students and Research Students to update Knowledge.

(iii) For the benefit of students of Ph.D programmes online viva mode may be adopted. In this context Pre Ph.D viva Ph.D / Viva was organized.

- (iv) The committee has taken decision to provide online consultancy to the researchers that would enable them to complete their research work (due to corona)

Attendees

- (1) Dr. Brijlata Dubey
- (2) Dr. Neelini Raipura
- (3) Dr. S. Patra
- (4) Dr. S. Kesharwani
- (5) Dr. Bhavna Sharma
- (6) Dr. Benay Singh
- (7) Dr. Geeta Shukla

Convened

Principal

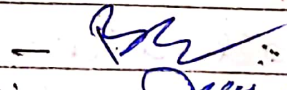
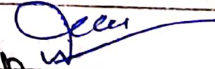
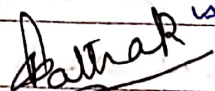

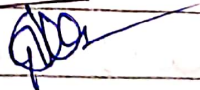
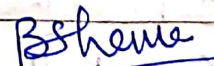
Online meeting of Research Advisory Committee was conducted 16.2.2021 at 3:00 pm in Principals chamber

Agenda of Meeting -

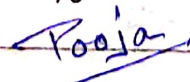
- (1) To organize online/offline Ph.D viva of due Research candidates
- (2) RA Committee members suggested to manage and upgrade all facilities in the college such as procurement of books, journals, magazines, softwares, res. equipments etc. to promote Research work.
- (3) Internal Composition of Research work by the students should be planned under NEP-20 to strengthen Research background starting from U-G level to achieve good researches in future.

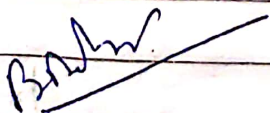
Chairman - Dr. Nandita Sarkar.

Attendees -

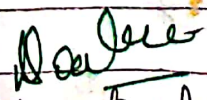
- 1 Dr. B.K. Singh - 
- 2 Dr. Neelima Raipuria - 
- 3 Dr. Sonita Pathak - 
- 4 Dr. S. Keshawani - 
- 5 Dr. Geeta Shukla - 
- 6 ~~Dr. Binay Singh~~ -
- 7 Dr. Bhavna Sharma - 

Non Teaching staff -

Ms. Poojatori - 



Convenor - Dr. B. Dubey


Principal

21-22

No. Meeting - 5

Offline meeting of R.A.C. was held in Conference Hall on 17.8.2021 at 3.00 p.m.

Agenda of Meeting -

- ① To submit proposals for Research projects, webinars, seminars, Training etc.
- ② Committee members decide to increase the number of MOU's to facilitate the requirements of NEP.
- ③ It was discussed that Pre Ph.D course work should be started at college (Homescience - Res. Centre) so that students should be benefitted and equipped with all the facilities available in the research centre, covid-19 conditions are favourable for offline attendance.

Attendees

- 1 Dr. Binay Singh - ✓
- 2 Dr. S. Keshawani - ✓
- 3 Dr. S. Pathak - ✓
- 4 Dr. Geeta Shukla - ✓
- 5 Dr. Neelima Raipuria - ✓
- 6 Smt. Pooja Kori - ✓ Pooja

Dr. B. Debey
Convenor

Principal

Meeting of RAC was organized in the
 SOM NO 23 16-2-2022 at 3.00 p.m.

Points Discussed :-

1. Newly appointed faculty members were advised to register/complete their Ph.D. work for the benefit of students and to meet criterion of NAAC.
2. They are also advised to submit Research proposals / minor / major Projects for college grade and benefit of Society.
3. Teachers are advised to publish Research papers and books for their career advancement.

Attendees :-

- 1 Dr. Smita Pathak
- 2 Dr. S. Keshawani - (SK)
- 3 Dr. Geeta Shukla -
- 4 Dr. Neelima Raipuria -
- 5 Dr. Binay Singh -
6. sst. Pooja Kori - Pooja

B. Dubey

Dr. B. Dubey

H. K. ...
 Principal

Summary of Research Work ^{Date} 2019-2022

Pre-Ph.D Presentations in college

H.O.D. - 19-22 - H.O.D. Dr. Abha Tiwari

- 1) Pre Ph.D Coursework Exam - 24.11.20 -
- 2) Pre Ph.D. viva (Presentation - Siddhi Pandey H.O. - 10.12.19 -
- 3) Pre " " " " - Aarti Kori 17.8.20 -
- 4) Pre " " " " - Saji Dasiddiqui 15.1.22 -

Zoology - H.O.D. - Dr. S. Keshavnani

- | | Date | Student | Guide |
|---------------------------|------------|-------------------------|-------------|
| 1) Pre Ph.D viva | 16.2.19 | Sonika Vishwakarma | Dr. K.P. |
| 2) Pre Ph.D. viva | 27.7.2019 | Mrs Manika Dubey | Dr. SBS |
| 3) Pre Ph.D. viva | 05.11.2019 | Shri Sanjay Kumar | Dr. H.M |
| 4) Pre Ph.D. Present viva | 09.01.2020 | Sonom Ukey | Dr. S. Jain |
| 5) Pre Ph.D presentation | 28.6.2021 | Virtual - Priyanka Jain | Dr. S.J. |

Dept - clothing and Textile

Date student Guide

1. Pre Ph.D viva - 13-09-2021 - Pradeep Mandal - DR. Bhavana Sharma
2. Pre Ph.D viva - 13-09-2021 - Sonika Singh - DR. Bhavana Sharma
3. Pre Ph.D viva - 30-04-2022 - Garima Agrawal - DR. Asha Pandey
DR. Bhavana Sharma
4. Pre Ph.D viva - 07-09-2022 - Deepmala Singh. DR. Neelam Agrawal
DR. Smriti Pathak
5. Pre Ph.D viva - 31-10-2023 Vikas Godha DR. Bhavana Sharma
6. Pre Ph.D viva - 31-10-2023 Praveen K. Maheto DR. Bhavana Sharma

BOTANY - Dr. Anuradha Datta - BSharma

- | | Date | Student | Guide |
|---------------------------|---------|----------------|---------------------|
| 1. Pre Ph.D. coursework | 2019-20 | (2 students) | Dr. Akhilesh Ayachi |
| 2. Pre Ph.D. Presentation | 7.8.19 | Nidhi Tiwari | Dr. Shashi Tiwari |
| 3. " " " | 27.8.19 | Pratibha Bisen | Dr. Shashi Tiwari |
| 4. " " " | 1.7.21 | Jyoti Pandey | Dr. S. Tiwari |
- FBN - H.O.D. - Dr. Smriti Pathak

- ① Pre Ph.D. Viva - Bhavna Tripathi - 6.7.19 - Dr. R.L. Tripathi
Dr. M. Vaidya
- ② " " " " Sudha Tiwari - " - Dr. N. Sarkar
- ③ " " " " Shweta Tripathi - " - Dr. M. Vaidya
- ④ " " " " Prachi Harwaha 16.8.19 Dr. N. Sarkar
Dr. S. Pathak
- ⑤ " " " " Richa Singh - " - Dr. N. Sarkar
- ⑥ " " " " Anushka Nagach 17.8.20 Dr. B.L. Dubey
- ⑦ " " " " Shri Ajab Singh 10.2.21 Dr. S. Pathak
- ⑧ " " " " Shivani Shalga 22.3.22 - " -

2022-2023

meeting 07

No. 5

Date: / /

Meeting of RAC was held in Room No 123
On 17.8.2022 at 3.00 p.m.

Agenda.

- (1) Review of Research Proposals, Pre Ph.D. viva,
- (2) Research papers were invited for publication in Anusandhan journal
- (3) new RAC committee was declared by Principal of Govt M.H. College as under

Composition of Research Advisory Committee
(2022-23, 23-24, 2024-25).

1. The Chairman - Dr. Nandita Salkar

Principal, Govt M.H. College, J.B.P.

2. The Convener - Dr. Smita Pathak

Smita Pathak

3. Incharge of Research Cell - Dr. Sadhana Kesharvani

4. Co-ordinators - Teaching faculty members with Research Supervising experience -

(i) Dr. Abha Tiwari - *Abha*

(ii) Dr. Geetashukla - *Geeta*

(iii) Dr. B.K. Singh - *B.K.*

(iv) Dr. Bhavna Sharma - *Bhavna*

(v) Dr. Neelima Raut - *Neelima*

(v) Dr. Anuradha Dave - *Anuradha*

Anuradha

Smt. Toojia Kori - Toojia

Nandita
Principal.



Non Teaching staff

(1) Smt. Pooja Kori - Pooja

Research advisory meeting minutes -

Date - 17/8/22

Time - 3:00 PM

Location - Room no - 123

Discussions & Compliance

- (1) All the members are advised to perform duties assigned for the promotion of Research.
- (2) To conduct and monitor the Pre Ph.D Course work classes of Home Science at Res. Centre (Govt M.H. College of H.Sc & S.C. Jabalpur).

Naibeh
Principal 17/8/22

2022-23 Meeting - 08 DT 20/02/2023

Meeting of R.A.C was conducted on 20.02.2023 at 3.00 P.M. in

Principal's office.

Agenda.

1) Proposals submitted by 03 faculty members were to MPCST, Bhopal (Minor Res. Project)
① Dr. Reena Bhaixam ② Mrs Apoorva Soni ③ Dr Manisha Arya

2) 'Anusandhan' Research journal was planned for publication after approval of Research papers by Review committee.

Dr. Brijlata Dubey -

Attendees -

- ① Dr. S. Keshawani - SK
- ② Dr. S. Pathak - Pathak
- ③ Dr. Abha Tiwari - AT
- ④ Dr. Anuradha Dave - AD
- ⑤ Dr. B.K. Singh - BS
- ⑥ Dr. Bhavna Sharma - BSharma
- ⑦ Smt. Pooja Kori - Pooja
- ⑧
- ⑨

Principal 20.2.23

2023 - 24 - Meeting 09 Dt - 21.8.23

Meeting of RAC was conducted on 21.8.2023 in conference hall under guidance of Chairman, Dr. Nandita Sarkar. Following points were discussed -

- (1) After publication of Research journal copies of journal was distributed to the authors after submission of publication charges. Int. Seminar was conducted in R.D.V. as Convener Dt 5-6 May 2023. Awardees were appreciated.
- (2) Researchers invited to submit new Research papers for next issue.
- (3) Results of Pre Ph.D course of Homescience declared and notified to the candidates.
- (4) H.O.D's were requested to compile data of seven criterion of NAAC. Specially more emphasis should be given to Research work.
- (5) Pre Ph.D. viva organized 16/8/23 - Akankshasengh (zoology)

Attendees -

1. Convenor - Dr. Smita Pathak

2. In charge - Dr. S. Kesharwan

Co-ordinators

Dr. Abha Tiwari - Amr

Dr. B.K. Singh - PK

Dr. Bhawna Sharma - Bshemo

Dr. - Anuradha Dave - AD

Non-Teaching Staff

Smt. Kari - Toojia

Hansu
Principal

Meeting = 10 2023-2024 - Dt 02/01/24 No. 7

Meeting of R.A.C was conducted in Conference Hall Dt 02.01.2024 under guidance of Chairperson Dr. Nandita Daskar. following points were discussed

- (1) As per direction of Higher Education Bhupal, "International Seminar on Capturing Artificial Intelligence in present Scenerio" was proposed. In which Experts were invited from U.S.A. Pitsberg. from Meta and Google, IITDM - Dr. Apurajita Ojha. Proposed date 6-1-2024.
- (2) MoU's signed were discussed before the committee
- (3) Res. Papers will be published with ISBN numbers.
- (4) All the staff members were advised to conduct more seminars / Training workshop / FDP etc.

Attendees -

1. Convenor - Dr. Smrita Pathak
2. Incharge - Dr. S. Keshavnani
3. Dr. Abha Tiwari
4. Dr. B.K. Singh
5. Dr. Anuradha Dave
6. Dr. Bhavna Sharma
- Smt. Pooja Kori

Principal

No. 7
Meeting = 10 2023-2024 - Dt 02/01/24

Meeting of R.A.C was conducted in Conference Hall Dt 02.01.2024 under guidance of Chairperson Dr. Nandeta Daskal. following points were discussed

- (1) As per direction of Higher Education Bhupal, "International Seminar on Capturing Artificial Intelligence in present Scenario" was proposed. In which Experts were invited from U.S.A. Pittsburg. from Meta and Google, IITDM - Dr. Aprajita Aja. Proposed date 6-1-2024
- (2) MoU's signed were discussed before the committee
- (3) Res. Papers will be published with ISBN number.
- (4) All the staff members were advised to conduct more seminars / Training workshop / FDP etc.

Attendees -

1. Convenor - Dr. Smrita Pathak
2. Incharge - Dr. S. Keshavnani
3. Dr. Abha Tiwari
4. Dr. B.K. Singh
5. Dr. Anuradha Dave
6. Dr. Bhavni Sharma
- Smt. Pooja Kori

Principal
02/01/24

Meeting of RAC was conducted on 21.8.2023 in conference hall under guidance of Chairman, Dr. Nandita Sarkar. Following points were discussed -

- (1) After publication of Research journal copies of journal was distributed to the authors after submission of publication charges. Int. Seminar was conducted in R.D.V. as convener Dt 5-6 May 2023. Awardees were appreciated
- (2) Researchers invited to submit new Research papers for next issue.
- (3) Results of Pre Ph.D course of Home Science declared and notified to the candidates
- (4) H.O.D's were requested to compile data of seven criteria of NAAC. Specially more emphasis should be given to Research work.
- (5) Pre Ph.D. viva organized 16/8/23 - Akanksha Singh (Zoology)

Attendees -

- 1. Convener - Dr. Smita Pathak
- 2. Incharge - @ Dr. S. Kesharwan
- Co-ordinators
- Dr. Abha Tiwari - Amr
- Dr. B.K. Singh - BK
- Dr. Bhawna Sharma - Bshewo
- Dr. - Anuradha Dave - AD

Non-Teaching Staff
Smt. Pooja Kori - Pooja

H. K. H.
Principal

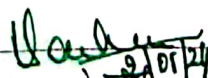
Meeting = 10 2023-2024 - Dt 02/01/24 No. 7

Meeting of R.A.C was conducted in Conference Hall Dt 02.01.2024 under guidance of Chairperson Dr. Nandeta Sarkar. Following points were discussed

- (1) As per direction of Higher Education Bhupal, "International Seminar on Capturing Artificial Intelligence in present Scenario" was proposed. In which Experts were invited from U.S.A. Pitsberg, from Meta and Google, IITDM - Dr. Aprajita Ojha. Proposed date 6-1-2024.
- (2) MOU's signed were discussed before the committee
- (3) Res. Papers will be published with ISBN number.
- (4) All the staff members were advised to conduct more seminars / Training workshop / FDP etc.

Attendees -

1. Convenor - Dr. Smita Pathak
2. Incharge - Dr. S. Keshavnani
3. Dr. Abha Tiwari
4. Dr. B.K. Singh
5. Dr. Anuradha Dave
6. Dr. Bhavni Sharma
- Smt. Pooja Kori - Pooja


Principal 02/01/24

No.
 Meeting - II DT 06/08/2024

Meeting of R.A.C was conducted on 6/8/24 at 3.00 pm in Room NO 12. following points were discussed

- ① According to required norms of NAAC, teachers are advised to complete data regarding all criterion of NAAC
- ② All the members are requested to organize Training/Seminar/work shops in their respective departments and to submit proposal before the R.A.C. till September 2024.

Attendees -

① Dr. Smita Pathak

② Dr. Abha Tiwari -

③ Dr. Anuradha Dand -

④ Dr. S. Keshavani -

⑤ Dr. Binay Singh -

⑥ Dr. Bhawna Sharma -

Smt. Pooja Kori - Pooja

Abha

Principal

Rani Durgavati Vishwavidyalaya Jabalpur (M.P)



WHOMSOEVER IT MAY CONCERN

This is to Certify that Govt. M. H. College of Home Science and Science for women, Jabalpur-482002 is affiliated to the Rani Durgavati Vishwavidyalaya for the session 2024-25 and the following courses Conducted at the said college.

Sr. No.	Programmes	Duration	Affiliation Permanent/Temporary	Period of Validity
01	• BSc. Home Science	4 Years	Temporary	2024-25
	• BSc. Botany	4 Years	Temporary	2024-25
	• BSc.Chemistry	4 Years	Temporary	2024-25
	• BSc.Mathematics	4 Years	Temporary	2024-25
	• BScPhysics	4 Years	Temporary	2024-25
	• BSc.Zoology	4 Years	Temporary	2024-25
	• BSc. Biochemistry	4 Years	Temporary	2024-25
	• BSc. Biotechnology	4 Years	Temporary	2024-25
	• BSc. Clinical Nutrition & Dietetics	4 Years	Temporary	2024-25
	• BSc. Computer Application	4 Years	Temporary	2024-25
	• BSc. Computer Science	4 Years	Temporary	2024-25
	• BSc.Computer Maintenance	4 Years	Temporary	2024-25
	• BSc. Electronics	4 Years	Temporary	2024-25
	• BSc.Microbiology	2 Years	Temporary	2024-25
	• MSc.Botany	2 Years	Temporary	2024-25
	• MSc. Zoology	2 Years	Temporary	2024-25
	• MSc. Chemistry	2 Years	Temporary	2024-25
	• MSc. Physics	2 Years	Temporary	2024-25
	• MSc. Mathematics	2 Years	Temporary	2024-25
	• MSc. Microbiology	2 Years	Temporary	2024-25
	• MSc. (Home Science) Clothing & Textile	2 Years	Temporary	2024-25
	• MSc. (Home Science) Food & Nutrition,	2 Years	Temporary	2024-25
	• MSc. (Home Science) Human Development,	2 Years	Temporary	2024-25
	• MSc. (Home Science) Resource Management	1 Year	Temporary	2024-25
	P.G. Diploma	1 Year	Temporary	2024-25
	• Fashion Designing	3 Year	Temporary	2024-25
	• Nutrition & Dietetics	3 Year	Temporary	2024-25
	<u>Research Center</u>	3 Year	Temporary	2024-25
	• Food & Nutrition			
	• Human Development			
• Chemistry				

This certificate is issued on the request of the principal of said college for submitting the same to the NAAC Bangalore, accordingly.


 Registrar
 Rani Durgavati Vishwavidyalaya
 Jabalpur, Date: 16/11/2024

S.No./Acad./2024/257

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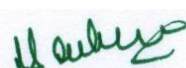
1. P.A. To Kulguru/Registrar, R.D.V.V. Jabalpur.

Registrar
 Rani Durgavati Vishwavidyalaya, Jabalpur

**Scheme of Examination of Pre-Ph.D Course Work
One Semester (Six Months)**

Course Code	Course Title	Theory	Practical (Assignment, Attendance & Seminar)	Credits	Total Marks	Time
PPE - 101	Research Methodology	80	20	5	100	3hrs.
PPE - 102	Computer Application	40	10	3	50	2hrs.
PPE - 103	Advance Course in Monitoring the Quality of Research in Education	40	10	3	50	2hrs.
PPE - 104	Review of Literature	-	50	3	50	-
PPE - 105	Comprehensive Viva	-	50	4	50	-
Total Credits			50	18	300	

- Candidates are required to submit one project related to Paper I, Paper II and Paper III in front of the Departmental Committee through power point.
- Each scholar is required to present and attend, two seminars in each paper which will be attended and evaluated by all the faculty member of the Department.
- Likewise, the scholars will be required to submit one assignment each in Ist IInd & IIIrd paper which will be evaluated by the concerned teachers. Marks will be allotted for attendance.
- At the end of the semester the candidate has to submit a brief report on the review of literature for evaluation, which will be done by two examiners (one internal and one external) appointed by the Examination Committee of Education.


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SYLLABUS
Pre Ph. D. Course Work
PART - A
PAPER –I
RESEARCH METHODOLOGY

Course Code - PPE 101

CREDIT- 05

MAX MARKS - 100 Marks

EXTERNAL Marks - 80

INTERNAL Marks- 20

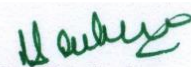
MIN. MARKS - 50

Research Methodology paper will be of 100 marks. The theory paper will be of 100 marks. The main objective of this paper is to acquaint the students of Education with the methods of research.

This paper is expected to provide the basic knowledge of Research techniques, selection, collection and interpretation of data and also to promote Educational research and reforms in Education. It will facilitate the students to develop a scientific approach towards Educational problems. The following shall be the course of the paper.

OBJECTIVES

- To make researcher aware about research in education.
- To make them familiar with the nature of research in education.
- To impart them concepts of Scientific Method, Scientific Inquiry, Paradigm, Theory and their implications for educational research.
- To help researcher to understand the characteristics of positivist and non-positivist research paradigms as they apply to educational research.
- To make researcher learn the reasoning and its use in educational research. To train students in selecting the suitable problem.
- To make researcher familiarize with the steps of research proposal and train them in formulating research proposal.


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CONTENT

UNIT-I Basics of Educational Research:-

- 1.1 Educational Research as a scientific process : Meaning, need and nature of Educational Research.
- 1.2 Types of Educational Research: Historical, experimental and descriptive.
- 1.3 Source of problems/topics of Educational Research (criteria for selection and identification of problem.
- 1.4 Redefining the problem/topic.
- 1.5 Stating the Objectives of Research.

UNIT - II Review of Related Literature:-

- 2.1 Role of related literature in Educational Research.
- 2.2 References and resources of Educational Research.
- 2.3 Types for research strategies on the internet or computer data base.

UNIT - III Formulation of Hypothesis :-

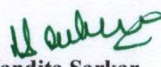
- 3.1 Hypothesis its classification.
- 3.2 Statement of hypothesis.
- 3.3 Characteristics of hypothesis.
- 3.4 Writing research proposal

UNIT - IV Sampling :-

- 4.1 Meaning and Nature.
- 4.2 Steps in sampling design.
- 4.3 Types & characteristics of sampling.
- 4.4 Probability and non-probability sample.

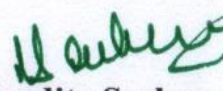
UNIT - V Research Proposal and Synopsis.

- 5.1 Data Collection.
- 5.2 Analysis of Data.
- 5.3 Findings and Interpretation.


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