



# ANNUAL REPORT



***GOVT. M. H. COLLEGE OF HOME SCIENCE  
AND SCIENCE FOR WOMEN, JABALPUR  
SESSION 2019-20***

## GOVERNMENT M.H.COLLEGE OF HOME SCIENCE AND SCIENCE FOR WOMEN

NAPIER TOWN JABALPUR 482002

Ph: 0761-4005716, 0761-2407326, Fax: 0761-4005716

Web: [www.gmhcollege.org.in](http://www.gmhcollege.org.in), E-mail : [hegmhhsqpgcjab@mp.gov.in](mailto:hegmhhsqpgcjab@mp.gov.in)



### Annual Report 2019-20



#### Important Information

Name of the Institution:	Govt. M.H. College of Home Sc. & Science for Women, Jabalpur
Address Line 1	Near Shastri Bridge
Address Line 2	Napier Town
City/Town	Jabalpur
State	Madhya Pradesh
Pin Code	482002
Year of establishment of college	1954
Name of the Head of the Institution:	Dr. Akhilesh Ayachi
Tel. No. with STD Code:	0761- 2407326
Mobile:	+91 9425388025
Name of the RUSA coordinator:	Dr. Manju Gupta
Mobile:	8989754568
e-mail address:	principal@gmhcollege.nic.in
Website address:	www.gmhcollege.org.in
Date of report submission	10 December 2020

## **Part I**

### **1. The Principal's Report**

Govt. M.H. College of Home Science & Science for Women, Jabalpur, being a renowned college for girls with hostel facility and located at the heart of the city it holds preference among the girl students. As a result the admission rate is high and the reservation policy provided by the state government of M.P. is followed.

The college curriculum is designed keeping in mind the vision and mission of the institution. It provides flexibility at UG and PG levels offering thirteen undergraduate, ten post graduate, two PG diploma and five certificate (IGNOU) courses, which is supported by experienced teaching faculty, conducive environment of the institution and strong physical and academic infrastructure. It also integrates issues relating to gender, environment, human values and professional ethics. All the courses bear emphasis to employability. Various transferrable skills are imparted through value added courses. Practical work is an essential part of the curriculum at UG and PG level in all courses. Add-on course on computer basics is compulsory for all first-year students.

The goals and objectives of the institution are translated into action by thoughtful planning and its proper execution. Various academic options at UG and PG level along with knowledge of computers and other skills, imparted by the institution, encourage students to excel in academic activities. Equal importance is given to extension activities, NSS and NCC units which carry out several community projects. Sports gym workout, Yoga and Marshall art also form a part of the curriculum.

A broad frame work of the academic calendar is planned at the beginning of each session. On the basis of this, teaching plans are made by teachers for their respective courses and targets are achieved as per the schedule. Teaching is made interesting and more explanatory by use of audio-visual systems, LCD projector, OHP and models. Other means of teaching include lectures by experts, educational excursions, industrial and field visits. Slow and advanced learners are identified in the beginning of the academic session. Advance learners are given the responsibility to guide and help their fellow slow learners in their studies. Remedial classes are arranged for slow learners and students hailing from the disadvantaged communities. The progress of students is very closely monitored by continuous comprehensive evaluations, tests & teacher guardian interaction.

Thirteen different modes are used to judge the progress and performance of students. The college follows a continuous and transparent evaluation process that enables students to perform optimally. Under transparency of examination, students are allowed to see their answer books after applying for observation. On time conduction of examination and declaration of results is assured in the interest of students.

Teacher Guardian Scheme is introduced for providing personal attention to students. The teacher incharge takes care of these students and makes every effort to solve their problems, if any and guide them for their carrier.

Faculty members ensure their academic growth by participating and organizing seminars, workshops and conferences. Many faculty members are supervisors to candidates pursuing PhD degree. The faculty is well versed with the ICT related techniques. Every faculty member is holding the membership of e-library INFLIBNET. To ensure excellence in academic and administrative activities, the college conducts appraisals annually.

As research is an integral part of academics. Research work is accomplished at an accountable level and the institution provides all required facilities like laboratory, chemicals, instruments, good library and a congenial atmosphere for the same. The research work carried out by the faculty members is published in National and International journals.

The College is recognized as Research Centre by the RDVV, Jabalpur for Ph.D. courses in the following subjects: 1. Botany, 2. Chemistry, 3. Zoology, 4. Food & Nutrition, 5. Clothing & Textile, 6. Human Development, 7. Resource Management.

21 faculty members are registered in R.D. University as research guides. For accomplishment and completion of research work, linkages with different colleges and University. Teaching Departments have been established.

The college has taken several initiatives to increase creativity and transfer of knowledge. The college publishes its annual research journal "Anusandhan" registration no. is ISSN-0975-3443 and magazine "Abhivyakti". The research culture among MSc. Students is promoted through dissertation work.

The college building is a beautiful piece of architectural work. The college infrastructure consists of three storied main block, four hostel buildings, auditorium, sports complex, principal's bungalow, warden bungalows, creche, juice corner, PCO, canteen, gymnasium, montessori school, playground and gardens spread over 10.7 acre of land in the heart of the city. All class rooms are well lit, ventilated, and fitted with close circuit cameras for close monitoring of the entire premises. Ten classrooms including 3 smart class rooms are fitted with LCD projectors & all laboratories are well equipped. Library and reading room are situated at ground floor. Library is regularly enriched with new books and Journals. The college has procured network version of SOUL software for automation of the Library.

For the development of creativity and event management skills several short-term courses are organized by every department. Publication of college magazine, departmental magazines, wall magazines, participation in extra and co-curricular activities, departmental club activities and extension

activities are integral part of curriculum. All these activities ensure holistic development of students. Quality education and strong base at Undergraduate level encourage many students towards Master's Degree. Appropriate activities are organized to increase consciousness about national identities and symbols, Birth anniversaries of great Indian personalities are also celebrated.

Toppers of UG and PG classes are awarded with Gold Medals. One student with excellence in general proficiencies is also awarded with Gold medal. Students excelling in academics and extracurricular activities are acknowledged and awarded in special functions.

The institution has a registered alumni association with members well placed in India as well as abroad. The alumni contributes significantly to the development of the institution through financial and other means.

Well defined perspective plans for academic, administrative and physical infrastructure are designed and implemented meticulously. The effective and efficient governance of the college is assured by working with customized integrated web enabled application software. Through IQAC the college has taken several initiatives to promote innovations and best practices. In this regard the college ensures quality education, healthy and secure environment, warm student teacher relationship and excellent hostel facility to all students, irrespective to their socioeconomic background. Social justice is assured by providing financial assistance to students belonging to disadvantaged class and economically weaker section of the society. Fair and visionary administration, dedication of faculty and office staff assures academic excellence and effective resource development. Quality is maintained through repetitive monitoring by college authorities and reviews by external committees like Higher Education MP, RD University.

Apart from this, CCTV cameras, positions of security guards are some safety measures initiated by the institution. The management also makes use of alternate energy sources to sustain environment and has developed means for waste management and constructed 'Rain Water Harvesting and vermi compost pits. Beautiful gardens with medicinal plants, regular plantation are some green initiatives taken by the institution. It has a polythene free campus and concrete roads.

Personality development cell, Guidance and Placement cell guide and prepare students for various competitive examination and interviews. Quite a good number of students proceed for their B.Ed. and Ph.D. degree while others prefer job. For the support of students, the college has created several facilitating mechanisms like Grievance Redressal cell. The students are free to put their grievances if any, directly to the Principal, Committee members or in the sealed box placed in the office. The grievances are taken care of and redressed.

Seminars and workshops conducted in the college in the session 2019-20 are as follows;

<b>Workshop/Seminar</b>	<b>Sponsored by</b>	<b>Department</b>	<b>Date</b>
<b>Student Solar Ambassador Workshop 2019, Hands on training to assemble Solar Study Lamps</b>	<b>Department of higher education Govt. of MP</b>	<b>Physics &amp; Resource Management</b>	<b>21-10-2019</b>
<b>Workshop on Beating the plastic</b>	<b>Department of higher education Govt. of MP</b>	<b>Botany, Chemistry and foods &amp; Nutrition</b>	<b>11 /1/2020</b>
<b>Regional level career fair</b>	<b>Department of higher education Govt. of MP</b>	<b>Vivekanand career margdarshan cell</b>	<b>15-16/2/2020</b>

## 2. OVERVIEW

### I. Vision, Mission and Objectives of the college

#### **Vision –**

Govt. M H College of Home Science & Science for Women will be the college of opportunities for women coming from diverse backgrounds by offering quality education for their overall personal & professional development to meet the challenges of fast developing society

#### **Mission –**

- To make women *self-reliant* and *self-sufficient* by imparting quality education along with excellence in extracurricular activities
- To provide *access, equity* and *quality* in Higher Education
- To create *congenial atmosphere* for development of *character, personality, soft skills, ethical values, courage & self confidence*
- To train young women for their *future life*
- To make best use of *Information and Communication Technology*.

#### **Objectives –**

- To develop new academic courses, revise current programmes, vocational courses, enhance & promote excellence in teaching team.
- Encourage and support innovation in teaching, ICT infrastructure and promote computer education.
- Provide support services for students, maintain administration information system
- Facility for distance learning IGNOU.
- Promote & support co-curricular activities & academic growth
- Ensure & sustain institutions standards
- Provide clean & healthy environment

**II. Brief introduction of the college (including the status (Govt. / Lead/ Constituent/ Affiliated/ Private), Parent University, UGC recognition, CPE status, etc), location & campus area**

Name of the Institution:	Govt. M.H. College of Home Sc. & Science for Women, Jabalpur
Date of Establishment of College	15 July 1954
Institutional Status	Government, Autonomous
Type of Institution	Women
Type of Faculty/Programme	Home Science & Science
Name of the Affiliating University	Rani Durgavati Vishwavidyalaya, Jabalpur, M.P.
UGC Recognition	UGC under 2(f)
Special status conferred by UGC	College with Potential for Excellence
Centre for	IGNOU
Location of the college	Urban
Area of the campus	10.75 Acres

**III. History of the college with significant milestones**

*Journey at a Glance*

*On July 15, 1954 Govt. M. H. College of Home Science and Science for Women came into existence to promote higher education among Women. The idea of establishing an educational institute to educate women of central India, was conceived by Hon'ble Shri Parmanand Bhai Patel, a renowned industrialist and a great philosopher of Jabalpur. Shri Parmanand Bhai Patel's firm m/s Mohanlal Hargovinddas donated Rs. One Lakh for the establishment of the college. On April 27, 1956 the foundation stone was laid down on 11 acres of government land, situated in the heart of Jabalpur city, by the then chief minister of MP.*

*The college is affiliated to Rani Durgavati Vishwavidyalaya, Jabalpur which awards degrees to the students. Govt. M. H. College is one of the pioneering institutions of Madhya Pradesh that adopted the autonomous system in higher education in 1989. NAAC accredited the college with B++ grade in 2003 and subsequently with 'A' grade with CGPA 3.41 in the 2nd cycle in 2012. The college was selected in the UGC scheme "College with Potential for Excellence" in 2004. In 2019 NAAC Re-accredited the college with grade B<sup>+</sup>.*

*The college caters to the educational needs of young women coming from different strata of society by providing equal opportunities in conventional courses & various vocational courses in Science & Home Science faculty. To keep pace with the changing scenario the courses are restructured to include basic as well as emerging interdisciplinary and application – oriented areas. The courses offered are adequately strengthened to develop appropriate skills, which are significant not only to the students, but also to the local, regional and national needs. Sufficient freedom is allowed to the students to choose the courses best suited to their interests and capabilities. The college also emphasises on value-based education to inculcate soft skills. The student is considered not as a CONSUMER of the system but the CUSTOMER of the system.*

*Admission is centralized through online portal of Department of Higher Education. As per the rules of M P Higher Education, seats are reserved for SC, ST and OBC, the percentage is SC 16%, ST 20%, and OBC 14%. Special weightage in terms of marks is given to Athletes, Sport Persons and for Extra Curricular Activities.*

**IV. Faculties and major disciplines**

- UG programs offered

S.No	Title of Programs/ course combination	Level	Duration Years	Year of starting
B.Sc.				
i.	Physics, Chemistry, Mathematics	UG	03	1958
ii.	Physics, Computer Application, Mathematics	UG	03	1994
iii.	Physics, Computer Science, Mathematics	UG	03	2004
iv.	Physics, Electronics, Mathematics	UG	03	1991
v.	Physics, Computer Maintenance, Mathematics	UG	03	2004
vi.	Chemistry, Botany, Zoology	UG	03	1958
vii.	Chemistry, Biotechnology, Zoology	UG	03	2011
viii.	Chemistry, Biotechnology, Botany	UG	03	2000
ix.	Chemistry, Microbiology, Botany	UG	03	1999
x.	Chemistry, Microbiology, Zoology	UG	03	2011
xi.	Chemistry, Clinical Nutrition, Zoology	UG	03	2002
xii.	Chemistry, Biochemistry, Zoology	UG	03	1994
xiii.	B.Sc. (Home Science)	UG	03	1954



- PG programs offered

S.No	Title of Programs	Level	Duration Years	Year of starting
M.Sc.				
i.	Botany	PG	02	1972
ii.	Chemistry	PG	02	1964
iii.	Mathematics	PG	02	1984
iv.	Microbiology	PG	02	2002
v.	Physics	PG	02	1982
vi.	Zoology	PG	02	1973
vii.	Clothing and Textile	PG	02	1982
viii.	Foods and Nutrition	PG	02	1964
ix.	Human Development	PG	02	1962
x.	Resource Management	PG	02	1965

- PG diploma programs offered

S.No	Title of Programs	Level	Duration Years	Year of starting
PG diploma				
i.	P.G. Diploma Fashion Designing	PG	01	1999
ii.	P.G. Diploma Nutrition and Dietetics	PG	01	2014

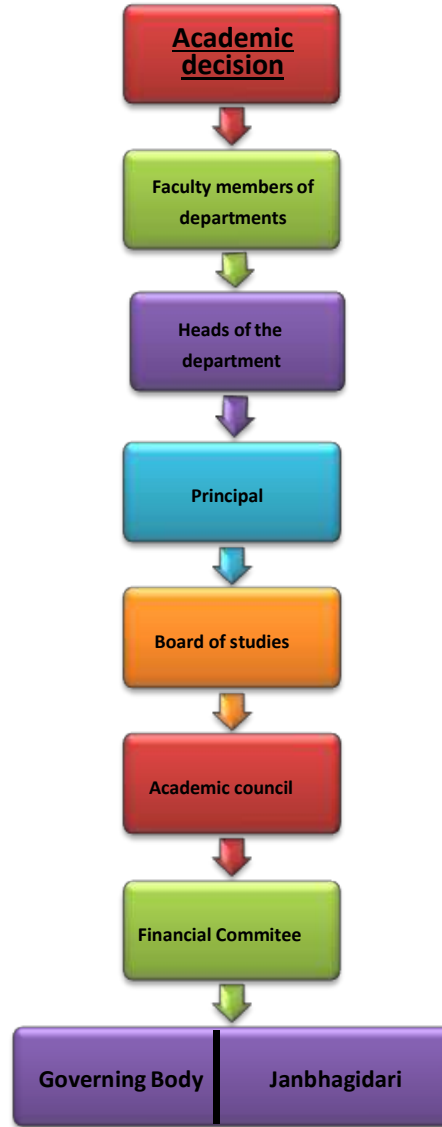
### 3. Senior Management Team and Board of Governors

Lists the members of the senior management team (Principal, Registrar, Deans etc.) and members of the Board of Governors including their designations and professional backgrounds.

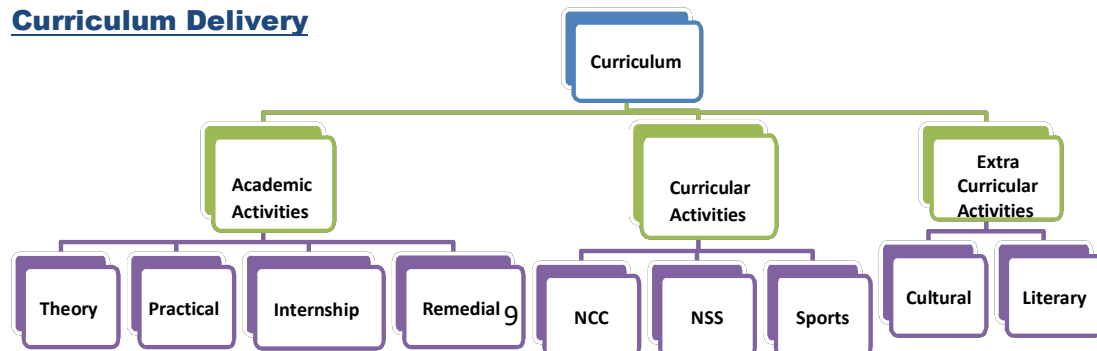
### **Academic Management System**

The college has developed integrated AMS which involves innovative facilities of teaching learning along with traditional methodology. An Oregano gram of administrative hierarchy is as follows -

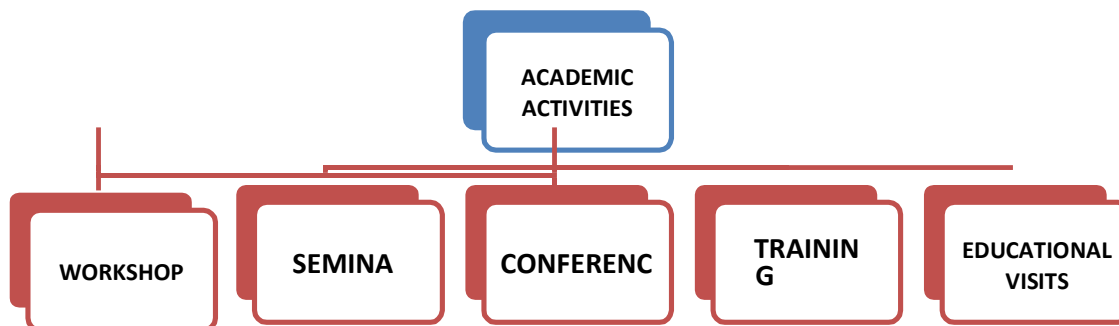
**Academic Decision-Making Process**



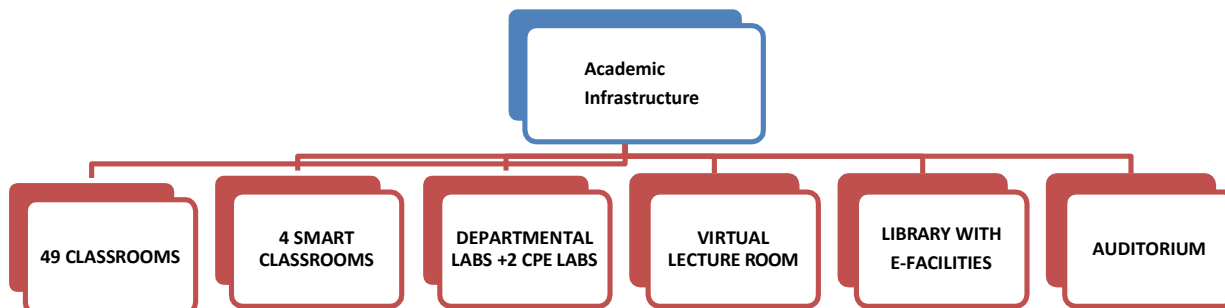
**Curriculum Delivery**



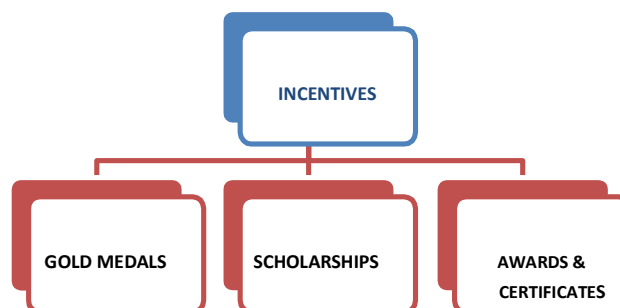
### Academic Activities



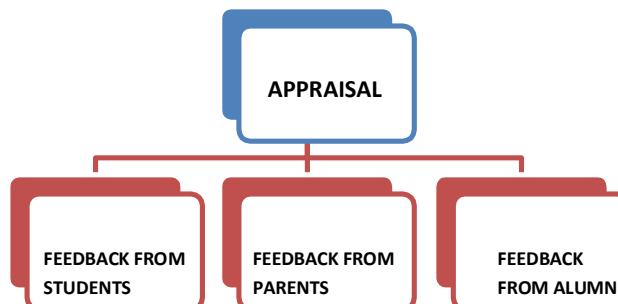
### Academic Infrastructure



### Incentives



### Appraisal



List of Chairperson/members of Statutory Bodies like Board of Governors/ Executive Committee/ Academic Council Janbhagidari Samiti, etc

**Governing body –**

Number	Category	Nature	Members
3 members one of them to be chairperson	Educationist industrialist professional	Nominated by the state government	Not received from govt.
2 members	Teachers of the college	Nominated by principal	Dr. Shobha Gautam Johri & Dr. Nandita Sarkar
1 member	UGC nominee	Nominated by UGC	Dr. Amita
1 Member	State Govt. Nominee	Nominated by the state government	Not received
1 Member	University Nominee	Nominated by the University	Dr. Rakesh Bajpai Prof. Physics
1 Member	Principal of the college		Dr. Smt. Leela Bhalavi

**Finance committee –**

External – Mr. Maneesh Koshal

Internal – Dr. Rashmi Saxena

Academic council – Composition:

1. The principal (Chairperson)
2. All the heads of department in the college
3. Four teachers of the college representing different category of teaching staff- 1.
4. Not less than four experts from outside the college –
5. Industry – Dr. Sumedha Paul
6. Law – Mr. Rakesh Kesharwani
7. Education – Dr. Aprajita Ojha
8. Medicine – Dr. H.S. Verma
9. Engineering – Mr. Alok Choubey
10. Three nominee of the university –  
Dr. S.N. Bagchi Deptt. Of Biosciences  
Dr. Alka Nayak, Deptt. Of Physical Education  
Dr K N Shukla
11. A faculty member nominated by the principal – Dr. Rashmi Saxena

### Board of studies – composition

1. Head of the department (Chairperson)
2. Entire faculty of each specialization
3. Two experts in the subject from outside the college to be nominated by academic council
4. One expert to be nominated by vice-chancellor –
  1. Botany – Dr. Y.K. Bansal
  2. Microbiology – Dr. Mrs. Divya Bagchi
  3. Chemistry – Dr. R.C. Mourya
  4. Biochemistry – Dr. Mrs. Divya Bagchi
  5. Mathematics – Dr. J.K. Maitra
  6. Computer Application – Dr. Satyendra Kuraria
  7. Computer Science – Dr. S.K. Dubey
  8. Physics – Dr. Laxman Pandey
  9. Electronics – Dr. Shailendra Tiwari
  10. Computer Maintenance – Dr. N.K. Pandey
  11. Zoology – Dr. Pradeep Shrivastava
  12. Biotechnology – Dr. P.K. Mehta
  13. Clothing & Textile – Dr. Smita Jain
  14. Resource Management – Dr. Mrs. Maya Thakur
  15. Human Development – Dr. Veena Bajpai
  16. Food & Nutrition – Dr. Renu Sharma
  17. Clinical Nutrition – Dr. Aditya Mishra
  18. P.G. Diploma Nut. & Dietetics – Dr. Anubha Upadhyaya
  19. Hindi – Dr. Usha Dubey
  20. English – Dr. P.K. Jain
5. One representative from industry/ corporate sector/ allied area relating to placement
6. One post graduate meritorious alumnus to be nominated by the principal
7. A. Experts from outside the college whenever special courses are to be formulated.  
B. Other members of staff of the same faculty.

#### 4. Admission Statistics

✓ The number of applicants at the UG and PG level who ranked the college as their 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> preference, the number of applications received for PhD courses, and the number of students admitted at each level as per the following format.

Applications	UG	PG	PG Diploma	PhD
Applications that ranked the college as the 1 <sup>st</sup> preference	Online admission are carried out by Higher Education Bhopal			Applications are received at R D University
Applications that ranked the college as the 2 <sup>nd</sup> preference				
Applications that ranked the college as the 3 <sup>rd</sup> preference				
Total number of applications received				
Number of students admitted (Session 2020-21)	1075	263	16	

Data Source: E-Pravesh portal, records of the affiliating university

✓ A brief demographic profile of students admitted (in terms of gender, caste, whether from MP etc.)

Name of the Course	Gender	Category	% of students from the State	% of students from other states
B.Sc. (Science)	Female	All	98.5%	1.5%
B.Sc. (Home Science)	Female	All	98.5%	1.5%
M.Sc. (Science)	Female	All	98.5%	1.5%
M.Sc. (Home Science)	Female	All	98.5%	1.5%
PG Diploma	Female	All	95%	5%
Ph.D.	Female	All	90%	10%

#### 5. Academic Programs:

##### Core Programs - UG & PG

Stream	Name of the Core Program	Eligibility	Optional subjects
Science	Bachelor of Science	10+2 from a recognized Board OR 10+2 with relevant vocational course from M.P. Board	Foundation course + 03 core subjects (Twelve course combinations)
Home Science	Bachelor of Home Science	10+2 from a recognized Board OR 10+2 with relevant vocational course from M.P. Board	Foundation course + 03 core subjects

Stream	Name of the Core Program	Eligibility	Subject Options
Science	Master of Science	3-year Degree course / Honors degree course in same subject	6 subjects
Home Science	Master of Home Science	3-year Degree course / Honors degree course in same subject	4 Subjects

**Ph.D. Programs**

Sno	Subject	Eligibility	No. of scholars registered
1.	Chemistry	P.G. Degree in Same subject	2
2.	Botany	P.G. Degree in Same subject	3
3.	Zoology	P.G. Degree in Same subject	8
4.	Resource Management	P.G. Degree in Same subject	01
5.	Human Development	P.G. Degree in Same subject	05
6.	Food & Nutrition	P.G. Degree in Same subject	22
7.	Physics	P.G. Degree in Same subject	02
8.	Clothing and Textile	P.G. Degree in Same subject	05

✓ **PG Diploma/ Diploma/ Certificate/ Self-financed/ Skill based Vocational/ Short term courses**

Name of the Course	Department	Duration	Fees	Seats
P.G. Diploma Fashion Designing	Clothing and Textile	1 yr	21661 / -	15
P.G. Diploma Nutrition and Dietetics	Food and Nutrition	1 yr	21661 / -	15
B.Sc. (CA) B.Sc. (CS)	Mathematics	3 yrs	12296 (1 <sup>st</sup> year) 12296 (2 <sup>nd</sup> Year) 12296 (3 <sup>rd</sup> Year)	CA – 70 CS – 70
B.Sc. (CMBB) B.Sc. (CMBZ)	Botany	3 yrs	12296 (1 <sup>st</sup> year) 12296 (2 <sup>nd</sup> Year) 12296 (3 <sup>rd</sup> Year)	CMBB 60 CMBZ 60
M.Sc. (Microbiology)	Botany	2 yrs	26661 (1 <sup>st</sup> year) 25267 (2 <sup>nd</sup> year)	25
B.Sc. (CBTB) B.Sc. (CBTZ)	Zoology	3 yrs	12296 (1 <sup>st</sup> year) 12296 (2 <sup>nd</sup> Year) 12296 (3 <sup>rd</sup> Year)	CBTB 60 CBTZ 60
B.Sc. (CBCZ)	Chemistry	3 yrs	12296 (1 <sup>st</sup> year) 12296 (2 <sup>nd</sup> Year) 12296 (3 <sup>rd</sup> Year)	CBCZ 45
B.Sc. (CCNZ)	Food and Nutrition	3 yrs	12296 (1 <sup>st</sup> year) 12296 (2 <sup>nd</sup> Year) 12296 (3 <sup>rd</sup> Year)	CCNZ 45
B.Sc. (PEM) B.Sc. (PCMM)	Physics	3 yrs	12296 (1 <sup>st</sup> year) 12296 (2 <sup>nd</sup> Year) 12296 (3 <sup>rd</sup> Year)	PEM 45 PCMM 45

## 6. Academic Calendar 2019-20

Academic Work	First year/ Second year/Third year First/Third Semester	Second/ Fourth Semester
Orientation Classes/Zero Classes/SWOT analysis	01/07/2019 to 08/07/2019(First year)	Promoted to even semester
Teaching and Continuous Comprehensive Evaluation	From 10 <sup>th</sup> of July to 15 <sup>th</sup> November 2019 (96 working days)	March Second Week
CCE/Quarterly/Half yearly Schedule	September last week 2019 December last week 2019	15 February - 7 March
Preparation Leave	6 Days	6 Days
Practical Exams (Graduation)	12 March to 25 March 2020	
Practical Exams (Post Graduation)	From 09 November to 15 November 2019	15 April to 20 April 2020
Semester exams (Post Graduation)	From 28 November to 14 December 2019	June 2020
Annual exams (Graduation)	01 April 2020 to 15 May 2020	
ATKT Exams	From 20 November to 14 December 2019	25/04/2020 to 16/05/2020
Declaration of Examination Results	January 2020 June 2020	June 2020

## 7. The Student Experience

Briefly describes student life in the college: Infrastructural facilities available to students - Classrooms, Smart classrooms, laboratories and equipment, Common Research Lab, Hostel; Canteen; Garden; Students common room, Auditorium, Sports Complex & other facilities

Diversity of learners in respect of their background, abilities and other personal attributes is a remarkable feature of the institute. The teaching-learning modalities of the institution are relevant for the learner group. The learner-centered education through appropriate methodologies such as participative learning, experiential learning and collaborative learning modes, facilitate effective learning. Teachers provide a variety of learning experiences, including individual and collaborative learning. Interactive and participatory approaches create a feeling of responsibility in learners and makes learning a process of construction of knowledge. Digital resources for learning such as compulsory add-on course of basic computer, online spoken tutorials workshop on tally, android, cloud computing, web designing, hardware networking etc. makes learning more individualized, creative and dynamic. Teacher readiness to draw upon recently available technology supports and the initiative to develop such learning resources to enrich teaching- learning have improved the quality of education.

Institute also provide adequate facilities such as Hostel housing about 700 students with library and computer lab, college library, e library, access to computer, reading room well equipped laboratories pure drinking water, clean toilets, girls common room, ramp, lift, cycle stand, stationary shop, canteen, juice corner, telephone booth.

The college being committed to the all-round development of the students regularly organizes programs: placement drive, career counseling and training programs by Vivekananda career counseling cell, seminars and expert



lectures by personality development cell and eco club, EBSB Club, training for various cultural activities, sports, yoga, self-defense NCC and NSS throughout the year.

## 8. Student support services:

### ➤ Library as a learning resource

College library includes reading room and e-library. Research scholars can use net for thesis work. Membership of del-net, INFLIBNET and N list has been taken which is renewed every year. Various journals and competitive magazines along with employment newspapers are provided in the reading room. Books for competitive exam are also available. GK tests are held in the library for the students every year.

The college has constituted a library committee.

#### ✓ The composition of the committee is as follows:

- Dr. Manju Trivedi
- Dr Vinita Nanda
- Dr. Rachna Pandey
- Mrs. Vandana Arnold

#### ✓ Facilities in Library

- Open shelf system with 63362 books.
- Large number of books for all subjects both in Hindi & English version.
- 29 Magazines, Journals, 14 daily newspapers.
- INFLIBNET, N-list and Del-net facility.
- Library is automated, SOUL software is used
- Students are given library membership card
- Class wise schedule for issue & return of books
- Separate corner and queue for differently-abled students
- Braille books

### ➤ IT enabled services:

The college has 8 well equipped and well-furnished computer laboratories

- CPE-1: Used for "add on course" Computer Basics' compulsory for First Year Students.
- CPE-2: Used for organizing special courses viz Photoshop, Coral Draw, Talley, Web designing, etc.
- CPE – 1 and CPE – 2: Accessible to students of B.Sc. 1<sup>st</sup> year to Final year
- 'Spoken English tutorials run by IIT Bombay under MHRD scheme.
- 1 Computer laboratory for computer application
- 1 Computer laboratory for computer Science
- 1 Computer laboratory for students (Foundation Course)
- 1 Computer laboratory in the hostel

#### ✓ MIS – web enabled integrated application software for college management. Various modules are:

- ❖ Students module
- ❖ Admission
- ❖ Accounts
- ❖ Examination
- ❖ Hostel

#### ✓ Structured LAN with 132 nodes, internet through optical fibre 10 mbps band width .

## 9. Financial assistance:

(Scholarships/ schemes for SC/ST/OBC/ minority, Group & Health Insurance Schemes)

Types of Scholarship (for ST, SC, OBC, & Minority)	
✓ Gaon ki beti	✓ Garib sahayata
✓ Pratibha kiran	✓ Awas sahayata
✓ Center sector	✓ Post metric
✓ Health insurance is compulsory for every student	✓ Medhavi
✓ Bright & Economically backward students are given financial assistance by the teacher under the scheme "Each One Adopt One"	✓ Shramik
✓ "Nupur Foundation Scholarship" Every year ;	✓ Viklang
✓ "Prakash Verma Scholarship" Every year ;	✓ Garib sahayata
✓ Inspire	✓ Alumni

Personal enhancement & development schemes- NCC, NSS, Facilities for physically challenged & slow learners, Tutor-Guardian Scheme, Grievance Redressal Cell, Entrepreneurship Cell, Remedial classes, Career Guidance Cell.

✓

### NCC

NCC COMPANY

I BCOY-SHIVANGI MISHRA & APOORVA SONI

TOTAL CADET-107

### NCC Activity

S.No.	Social Activity	Date	Number of Participants
1	Tree Plantation	06/07/2019	40
2	20 <sup>th</sup> Anniversary of Kargil victory (Poster making competition)	26/07/2019	50
3	Independence Day Guard of Honour and Piloting March Pass	15/07/2019	12 96
4	Sadbhavana Divas (Rally and Poster making)	20/07/2019	70
5	Republic Day Parade Guard of Honour Piloting	26/01/2020	97 8 6
6	Regional Level Career Guidance Fare (Stall)	15-16/02/2020	6
7	Mask making and distribution	09/05/2020	12
8	World Environmental Day (Poster Making)	05/06/2020	20



**NSS**

**NSS UNITS-2**

**Programm officer- Dr Leena Rai**

**-Dr Varsha Jain**

**TOTAL CADET-115**

S no.	Activity	Date
1.	Swachhata Abhiyan	14-09-2019
2.	Swachhata Abhiyan	25-09-2019
3.	Award distribution programme in Manas Bhavan (Gandhi Jayanti)	02-10-2019
4.	Swachhata Abhiyan	19-10-2019
5.	Debate Competition "National Unity & Integrity"	31-10-2019
6.	Workshop on Safety Pledge, Women Safety, Women Law Awareness and Personality Development	06-11-2019
7.	Narmada Panchkoshi Yatra	12-11-2019
8.	Discussion Competition "Rajeev Gandhi ka Sapna IT Computer main Agrini ho Desh Apna"	13-11-2019
9.	Inauguration of Pandit Jawaharlaal Nehru's 130 <sup>th</sup> Birth Anniversary	14-11-2019
10.	Inauguration of Constitution Day	26-11-2019
11.	Lecture on Basic Objectives of Constitution	19-11-2019
12.	Essay, Slogan and Painting Competition on 10 <sup>th</sup> National Voters Day	03-01-2020
13.	Lecture on "Gandhi Darshan" ( Gandhi Ji's 150 <sup>th</sup> Birth Anniversary)	29-01-2020
14.	Swachhata Abhiyan and Gandhi Darshan Rally ( Gandhi Ji's 150 <sup>th</sup> Birth Anniversary)	30-01-2020
15.	7 Days Camp of NSS (Gram Natwara, Shehpura)	20to26-01-2020
16.	Examination of NSS B-Certificate & C-Certificate	28-02-2020
17.	Corona Awareness Programme and Mask Making	April & May2020



**Extracurricular activities:**

Calendar of activities (Sports, Youth Festival, cultural and literary events), Achievements, Awards Calendar

of activities – Sports:

January-February

Youth festival: September – October

Cultural activities & Awards: January-February

Literary events: Round the year

✓ Major student welfare initiatives over the past year

Extension Activities	Healthy Practices
<ul style="list-style-type: none"> <li>■ Community Work through NCC / NSS / Red cross society/ Red Ribbon Club and Departmental Extension activities                             <ul style="list-style-type: none"> <li>❖ Blood Donation</li> <li>❖ Visit to Blind school</li> <li>❖ Visit to Old Age Home</li> <li>❖ Adult Education</li> <li>❖ Awareness against AIDS</li> <li>❖ Visit to slums for community work</li> <li>❖ Medical Check-ups</li> <li>❖ Plantation</li> <li>❖ Run for democracy</li> <li>❖ Swacchata Abhiyan</li> <li>❖ Eat right India</li> <li>❖ Swastha Bharat</li> <li>❖ Voters Awareness Programme</li> </ul> </li> <li>■ Every Day Prayer and Value Education.</li> <li>■ “Sarv Dharm Sabha “on Martyr’s Day</li> <li>■ Training for self-defence.</li> <li>■ Yoga classes for mental and physical Health.</li> <li>■ First aid Training.</li> <li>■ Provision for vermin compost from waste.</li> <li>■ Provision for Rain Water Harvesting.</li> </ul>	<ul style="list-style-type: none"> <li>■ Quality checks on Academic &amp; Administrative work.</li> <li>■ Curriculum includes Seminar, Group Discussion, On Job Training, Project Work, Community Work and Excursion Tours.</li> <li>■ Under the “Teacher Guardian Scheme” every teacher is a Guardian to a group of students.</li> <li>■ Under “Each One Adopt One” scheme Bright but economically weak students are given financial assistance by Faculty.</li> <li>■ Special considerations for Physically Challenged students.</li> <li>■ Remedial Coaching</li> <li>■ Special Guest lectures on Personality Development.</li> <li>■ Provision for Campus Selection.</li> <li>■ Anti-Ragging &amp; Grievance Cell.</li> <li>■ The Faculty keeps abreast with latest happenings in respective subjects through Internet, e- library, Seminars, and Workshops &amp; Academic discussions.</li> <li>■ Assessment of Teachers by Students</li> <li>■ Lady Doctor in the campus</li> </ul>

The new session began from 17<sup>th</sup> of June 2019 with admissions. As per government guidelines, classes began with bridge classes for the newly admitted 1<sup>st</sup> year students from the 1<sup>st</sup> of July 2019 to 15<sup>th</sup> of July 2019, followed by ‘Maitree Diwas’ an introductory orientation program for the 1<sup>st</sup> year students in which information regarding different departments, extension activities and facilities available in the college were given to the students.

Regular classes began from the first week of July 2019 along with the conduction of various curricular and co-curricular activities, sports, extension activities like NSS, NCC, Red ribbon, Eco club, EBSB club, etc. Workshops, Seminars, Lecture series, Conferences were carried out throughout the year. Department wise activities were as follows: -

<b>Department of Physics</b>		<b>Einstein Club</b>
<b>Departmental Magazine-Vibration</b>		
<b>Activity</b>	<b>Date</b>	
Inauguration of Einstein Club	19/08/2019	By department
Workshop on “Hands on training to assemble Solar Study Lamps”	21/10/2019	
Lecture on “Chandrayan – 2” and “Fundamental principles of Physics”		By M.Sc. I & III Sem Student
Lecture Series (National Science Day)	28/02/2019 to 01/03/2019	By M.Sc. I & III Sem Student
Lecture on “Oxygen imaging to detect cancer tissues”	23/12/2019	Dr. Mrignayani Kotecha
Lecture Series on Solar Energy	20/01/2020	Mr. Adeb Babu

<b>Mathematics</b>		<b>Ramanujan Club</b>
<b>Departmental Magazine-Gadana</b>		
<b>Activity</b>	<b>Date</b>	
Teachers Day Celebration – Speech, Saraswati vandana	05/09/2019	
Guest lecture on “Power Point Presentation Preparation” By Dr. Anuj Hundat	19/09/2019	
Swacchata Abhiyaan	01/10/2019	
Rangoli, Greeting Cards, Diya Decoration, Mehendi Competition	23 & 24/10/2019	
Guest lecture on “Programming in Computer”		
National Mathematics Day – Speech Competition <ul style="list-style-type: none"> <li>● Life of Ramanujan</li> <li>● Contribution of Ramanujan in Mathematics</li> <li>● Importance of Mathematics</li> </ul>	18/12/2019	
National Mathematics Day – Essay Competition Roll of Mathematics in National Development Mathematics & Employability Indian Mathematics & Their contribution	19/12/2019	
National Mathematics Day – Poster & quiz Competition	20/12/2019	
Power point presentation on life an contribution of Mathematician By students of M.Sc. 2 <sup>nd</sup> Semester (Mathematics)	January 2020	
Open Quiz on the occasion of Rojgar Mela	16/02/2020	
Best out of Waste & Gift Wrapping Competition	27/02/2020	
Visite of <b>Gau Khumbh Mela</b> held at Gwarighat and participated in adventures sport activities	2/03/2020	
Lecture series on “artificial intelligence on IOT”	5-6/03/2020	

<b>Botany &amp; Microbiology</b>		<b>J C Boss Club</b>
		<b>Antonie Van Leeuwenhoek Club</b>
<b>Botany Departmental Magazine: Haritima</b>		
<b>Microbiology Departmental Magazine: Microbial World</b>		
<b>Activity</b>	<b>Date</b>	
Collage making on vegetation of Manipur & Nagaland in occasion of "Ek Bharat Shreshta Bharat"	02/01/2020	
Participation in District level workshop on "Beating The Plastic"	11/01/2020	
Lecture on "Roll & Responsibility of nation youths in environmental conservation" By Dr. Shashi Tiwari	28/01/2020	
Industrial Visit of Rice Mill	30/01/2020	
Presentation of Cultivation technique of Mushroom & other medicinal plants in Carrier Fare	15 & 16/02/2020	
Rangoli Competition on 'Worlds Environmental Problems'	20/02/2020	
Science Quiz Competition	25/02/2020	

<b>Human Development</b>		<b>Ravindra Club</b>
<b>Departmental Magazine: Srajan</b>		
<b>Activity</b>	<b>Date</b>	
Slogan exhibition on water, energy and environmental conservation	16/07/2019	
Seminar on "Empower parent enable breast feeding" in World Breastfeeding Week	1 to 7/07/2019	
Speech competition on " Swachhata Abhiyan Hamari Bhagidari"	03/09/2019	
Community awareness programme – Slogan exhibition and recipe demonstration on "International Day of the Older Person"	01/10/2019	
Essay writing competition on Gandhi Jayanti	02/10/2019	
Awareness Programme on Declining moral values, Increasing corruption and Honesty a life-style	08/11/2019	
Debate and Poster competition on National Girl Child Day – "Surakshit Balika Shashakt Bharat"	24/01/2020	
Nukkad Natak, Slogan and Rally on Voters Awareness Day	25/01/2020	

Educational Tour at Nav Jyoti Rehabilitation Centre Gwarighat Jabalpur	04/02/2020
Parents meeting for Stress free examination	25/02/2020

<b>Food and Nutrition</b>		<b>Health &amp; Fitness Club</b>	
<b>Departmental Magazine: In Food</b>			
<b>Activity</b>	<b>Date</b>		
Information & Demonstration of Weaning Food in ICDS Training Centre & Aganwadi	29/07/2019		
Breast feeding week – Lecture on “Breast feeding and its importance” and “Breast Cancer”	07/08/2019		
Plantation Programme	29/08/2019		
Nutrition Week – Anaemia awareness programme and Haemoglobin training Lecture on – ‘PCOS & STD’ ‘Food & its importance, different food groups & its importance and Food pigments and its benefits’ by charts & posters	6-7/09/2019		
Poster Competition on POSCO Act	19/10/2019		
Lalima Scheme - Haemoglobin check-up Lecture on Anaemia	19/12/2019		
Guest Lecture on “Patent (Intellectual Property Right)”	24/12/2019		
Programme on Collective Mass Design for uninterrupted smooth traffic	18/02/2020		

<b>Chemistry</b>		<b>Curie Club</b>	
<b>Departmental Magazine: Chem-Era</b>			
<b>Activity</b>	<b>Date</b>		
Yuva Sankalp Varsh	20/08/2019		
Advance Learner	26/08/2019		
Lecture on “Electron Spectroscopy”	06/09/2019		
Swachhata campaign	01/10/2019		
Book Exhibition Gandhi Sahitya	02/10/2019		
Poster presentation on Biography of Nehru Ji	14/11/2019		
“Beating The Plastics” Workshop on Waste Management	11/01/2020		
Nukkad Natak “Eat right India” Shuddha se yuddha	10/02/2020		
Programme on “Safe Use of LPG”	11/02/2020		
Lecture on “Synthetic Organic Chemistry its Growth & Advancement”	14/02/2020		
Narmada Gou-kumbh – City Walk Narmada Path Rally	28/02/2020		

<b>Resource Management</b>		<b>Rajjmal P Devdas Club</b>	
<b>Departmental Magazine-Samvad</b>			
<b>Activity</b>	<b>Date</b>		
Short duration training program of entrepreneurship on Badge making	12/08/2019		
Rangoli workshop	23-25/09/2019		

Gandhi jayanti - cleaning of campus and department Demonstration of Eco friendly bags	01/10/2019
150th birth anniversary of Gandhiji - Solar lamp preparation	05/10/2019
Diya sajabo competition	18/10/2019
Workshop on use of design and innovation of use of colour scheme	14-16/11/2019
Workshop on ART object decoration	11/2019
Talk with girls on the topic of harassment and safety features with red code police	06/11/2019
Workshop on flower arrangement and bouquet making	11/03/2020

<b>Clothing &amp; Textile</b>		<b>Srijan Club</b>
<b>Departmental Magazine: Paridhan</b>		
<b>Activity</b>	<b>Date</b>	
Workshop on USHA Swing Machine	31/07/2019	
Workshop on Rakhi Making	03/08/2019	
Workshop on Applique art	31/08/2019	
Apparel Exhibition	06/09/2019	
Demonstration of clothing design by various foods on "Nutrition Week"	07/09/2019	
Ganesh Painting making and Use of different colour combination & medium	12/09/2019	
Workshop on Stencil Painting	25/09/2019	
Competition on Spot Painting and Collage Making was organized under the Youth Festival on Physical and Folk Art	27/09/2019	
Gandhiji's 150th Birth Anniversary - One day exhibition on Khadi textile and domestic products	04/10/2019	
Designing gowns with draping method by designing old saris with khadi cloth	15-16/11/2019	
Workshop on Dabu Printing	27/12/2019	
"One India Best India"- The style of wearing of the Nagaland and Manipur parishes, the knowledge of the apparel used are given	11/02/2020	
Divisional level career fair - Demonstrated and sold various objects of parings, stampings, various objects of paintings, etc.	15-16/02/2020	
Workshop on Sari Draping and Hair Style for the Personal Development of students	24/02/2020	
Narmada Gau Kumbh - Festive traditional costumes demonstration	27/02/2020	



<b>Zoology</b>		<b>Salim Ali Club</b>
<b>Departmental Magazine: Zoo-World</b>		
<b>Activity</b>	<b>Date</b>	
Lecture on – Taxonomy with reference to Spider. Collection, preservation & identification of Invertebrates.		
Lecture on – Composite Fish Culture	17/07/2019	
World Tiger’s Day – Poetry Recitation & Slogan Writing	29/07/2019	
PG Library Management Workshop	22/08/2019	
National Ozone Day – Poster competition	16/09/2019	
Wild Life Week – • Lecture on “Wild life conservation measures, biodiversity and scope of research in this field	04/10/2019	
Poster competition		
• Lecture on “Major threats to wild life include habitat destruction, overexploitation, hunting, pollution & climate change and its possible solution		
Lecture on - Snake bite and its management	05/10/2019	
Lecture on – Cancer and its management	20/12/2019	
Celebration of National Girl Child Day by distributing Biscuits and toffees to the girls and boys Vihan Rehabilitations Centre Write Town Jabalpur	24/01/2020	
Celebration of National Deworming Day by discussing about the diseases caused by worms & how they can be treated by allopathic medicines & by house holds remedies.	10/02/2020	

## 8. Student Achievements

Highlights the most significant academic and non-academic achievements of students over the past year. This can include major academic awards and scholarships received student research, and sports and other extracurricular activities. Focuses, in particular, on profiling top achievers and describing how resources provided by the college helped these students succeed.

### ✓ NET/JRF and other Fellowship

S.No.	Name of the award/ medal/ meritorious scholarship	Name of the recipient	Class PG / Research	Area of achievement
1.	NET & SET	Saumya Mishra	Research Scholar	Resource Management
2.	NET & SET	Aishwarya Patel	Research Scholar	Food Science
3.	NET	Shivani Shailja	Research Scholar	Food Science
4.	SET	Mahima Bairagi	P.G.	Food Science
5.	SET	Amisha Nagaich	Research Scholar	Food Science
6.	SET & GATE	Ruchi Agrawal	PG	Chemistry
7.	GATE	Richa Agrawal	PG	Chemistry

✓ Research scholarship/ award

S, N o.	Name of the scholarship award/	Name of the recipient	Class	Area of research
1	Single Girl Child Fellowship	Saumya Mishra	Research Scholar	Resource Management
2	Junior Research Fellowship (JRF)	Bhavana Tripathi	Research Scholar	Food Science
3	Rajiv Gandhi National Fellowship	Nisha Deharia	Research Scholar	Zoology
4	Rajiv Gandhi National Fellowship	Sukrati	Research Scholar	Zoology
5	Rajiv Gandhi National Fellowship	Bhupendra Ku Ahirwar	Research Scholar	Zoology
6	MAPCOST	Sudha Tiwari	Research Scholar	Dietetics

✓ Academic

• Merit

S.No	Name of the award/ medal/ meritorious scholarship	Name of the recipient	Class	Area of achievement
1.	UGC Marit Scholarship	Kamar Anjum	Food & Nutrition	Merit Scholarship
2.	UGC Marit Scholarship	Priya Nema	Food & Nutrition	Merit Scholarship
3.	UGC Marit Scholarship	Priyanka Singh	Clothing & Textile	Merit Scholarship

✓ Cultural

• Participation

SNo.	Name of the event	District Level	State Level	Zonal
1.	Quiz	Participated	-	-
2.	Mime	Participated	-	-
3.	Skrit	Participated	-	-
4.	Mimicry	Participated	-	-
5.	Solo singing (Classical)	Participated	-	-
6.	Solo singing	Participated	-	-
7.	Solo singing (Western)	Participated	-	-
8.	Solo Instrument	Participated	-	-
9.	Solo Instrument	Participated	-	-
10.	Group singing (Classical)	Participated	-	-
11.	Group singing (Western)	Participated	-	-
12.	Act	Participated	-	-
13.	Solo Dance (Classical)	Participated	-	-
14.	Group Folk Dance	Participated	-	-

15.	Speech	Participated	-	-
16.	Debate (Side)	Participated	-	-
17.	Debate (Opposition)	Participated	-	-
18.	Painting	2 <sup>nd</sup> Prize	Participated	-
19.	Poster	Participated	-	-
20.	Cartoon making	Participated	-	-
21.	Clay Modeling	Participated	-	-
22.	Collage	3 <sup>rd</sup> Prize	Participated	-
23.	Rangoli	Participated	-	-



### Sports

- Participation

S.No	Name of the event	Division Level	State Level	University/ National Level	International Level
1.	Cross-Country		Participated	-	-
2.	Volleyball		Semi Final	Participated	-
3.	Badminton		Semi Final	Participated	-
4.	Chess		Runner Up	Participated	-
5.	Basketball		Participated	-	-
6.	Kho-Kho		Runner Up	Participated	-
7.	Kabaddi		Participated	-	-
8.	Athletics		1 Silver 2 Bronze	Participated	-
9.	Table-Tennis		Runner Up	Participated	-
10.	Yoga		Winner	Participated	-

- Awards and Achievements:

**College got first prize –Swachha Sarvekshan league 2020 in collobration of Nagar Nigam**

**Jabalpur**

## 9. Research Activities

Identifies major research themes, places these themes in their social and economic context, highlights major research achievements (publications, collaborations, intellectual property produced, external funding received etc.), and profiles top researchers. Lays out the research agenda and identifies themes for the coming year.

- Major research themes

S. No.	Department	Prioritized research area and expertise	Social/ economic context
1.	Food & Nutrition	a) Dietetics b) Food Processing	Nutritional intervention

S. No.	Department	Prioritized research area and expertise	Social/ economic context
2.	Human Development	Adolescents, Parents, Working women, Consumer's awareness, Special children, Child rearing	Awareness, Problem Solving, Education, Guidance, Consulting money management, Adjustments
3.	Zoology	Parasitology, Limnology, Fish toxicology	Social, Society and contemporary issues
4.	Chemistry	Reaction mechanism, Natural Product	Medicinal uses
5.	Resource Management	Consumer's attitude on online shopping in Jabalpur city	Data related with community
6.	Physics	1.Luminescence-Elastico, Mechano, Therma research Area	Display device application
		2.Nano Phosphors study	Bioluminescence Study
7.	Clothing and Textile	Clothing and Textile	Fashion designing

✓ **Papers presented in regional, national and international seminars/ conferences**

S.No	Name of the faculty	Regional/ State	National	International
1.	Dr. S. Kesharwani	-		01
2.	Dr Reeta Solanki			01
3.	Dr. Shampa Jain	-	01	
4.	Dr Rajani Nigam		01	02
5.	Dr. Archana Gupta	-		01
6.	Dr. Rachana Pandey	-	03	03
7.	Dr. Anuradha Dave	-	01	01
✓ 8.	Dr. Sulekha Pathak	-	01	01
✓ 9.	Dr. Raj L Tripathi	-	01	
10.	Dr. Vijaya K Shrivatava	-	02	01
11.	Dr. Priyanka Raj	-	01	01
12.	Dr. Smita Pathak	-	02	
13.	Dr V K Khare		01	
14.	Dr K S Bhatia		01	
15.	Dr Rashmi Saxena		01	

✓ **Publications in national/ international journals**

SNo.	Name of the faculty	Name of the journal	Title of the paper	ISSN/ ISBN number / Impact factor
1.	Dr. Nandita Sarkar & Dr. Smita Pathak	International journal of scientific research 8,7 , 2019	The perception and practice of weaning among mothers of central India	2277-8179 4.758
2.	Dr. Nandita Sarkar & Dr. Smita Pathak	Paripex-Indian journal of research ( An international Journal) 8,6 2019	Study of pattern and perception of exclusive breast feeding and factor affecting breast feeding among the mothers of jabalpur	2250-1991 6.761
3.	Dr. Nandita Sarkar & Dr. Smita Pathak	Unnati International Journals of Multidisciplinary Scientific Research, U.I.J.M.S.R. 1,6, 2019	Colostrum awareness and its associated factors among mothers of Jabalpur region	2581-8872 3.2
4.	Dr. Abha Tiwari	International Journal of social Science & management Studies 6, 1, 2020	Effect of E-Commerce Trend on Consumers' Buying Behaviour in Chitrakoot City	2454-4655 3.9
5.	Dr. Geeta Shukla	South Asian Journals of Multidisciplinary Studies 5, 12, 2020	Kishoro evam kishorio ke vyaktitva ke vibhinn aayam per abhibhavak protsahan ke prabhav ka adhyayan	2395-1079
6.	Dr. Geeta Shukla	Global Journals of Multidisciplinary Studies 9, 3, 2020	Kishoro evam kishorio ki shekshanik uplabdhiyo per abhibhavak protsahan ke prabhav ka adhyayan	2348-0459
7.	Dr. Geeta Shukla	Patliputra Journals of Indology 4, 2, 2019	Purv shaley bachcho ki bal sangopan gatavidhiyo me pita ki sannihiti per pariwar ki prakrati ke prabhav ka adhyayan	2320-351x 2.836
8.	Dr. Geeta Shukla	Anusandhan Vatika International Refereed journals	Purv shaley balak evam balikao ki bal sangopan gatavidhiyo me pita ki sannihiti per pariwar ki prakrati evam paeivesh ke prabhav ka adhyayan	2230-8938 5.373
9.	Dr. A.K. Ayachi	Anusandhan Vatika IV, 04, 2019	Aero mycological Assessment of Indoor and Outdoor of Dairy in Relation to Fungal Allergy	2230-8938 5.373
10.	Dr. A.K. Ayachi	Multi-disciplinary international journals 6, 8, 2019	Preliminary phytochemical Studies of Annona Reticulata for Bioactive Constituents from Stem	2321-290x
11.	Dr. A.K. Ayachi	International journals of Recent Scientific research 10, 10(x), 2019	Hypoglycaemic Effects of Different Extracts of Sphaeranthus Indicus and Presence of Swietenine	0976-3031
12.	Dr. A.K. Ayachi	Research & Review: A journal of life science 9, 1,	Studies on isolation of Fungal Species Associated with Healthy and Infected Alo vera Leaves Collected from Jabalpur Region	2348-9545 6.252
13.	Dr. Rajni Nigam	JUNI KHYAT UGC CARE GROUP I JOURNAL	Herbal Drugs and their perspectives: status of 2009	2278-4632 6.625

		10, 02, 2020		
14.	Dr. Rajni Nigam	International journal of scientific research 9, 2, 2020	Comparative Account Of Secondary Metabolism And Antioxidant Activities Of Two Varieties Of Guava Fruit (PSIDIUM GUAJAVA LINN) sold In Central India	2277-8179
15.	Dr. V. Kaushal Shrivastava	ALOHANA CHAKRA JOURNAL UGC CARE GROUP I JOURNAL 9, 1, 2020	Application of Mushroom as Food and Medicine: A Critical Review	2231-3990 6.3
16.	Dr. V. Kaushal Shrivastava	JUNI KHYAT UGC CARE GROUP I JOURNAL 10, 02, 2020	Concerns Regarding the Safety and Toxicity of Medicinal Plants	2278-4632 6.625
17.	Dr. Rachana Pandey	ALOHANA CHAKRA JOURNAL UGC CARE GROUP I JOURNAL 9, 1, 2020	Nutritional and Medicinal Benefits of Mushroom : A Mini Review	2231-3990 6.3
18.	Dr. Rachana Pandey	International journal of recent scientific research 11, 2 (E), 2020	Evaluation of catechu extracts from acacia catechu collected from central India for antidiabetic activity	0976-3031
19.	Dr. Rachana Pandey	JUNI KHYAT UGC CARE GROUP I JOURNAL 10, 02, 2020	MUSHROOM: A Brief Study	2278-4632 6.625
20.	Dr. Rachana Pandey	South Asian Journals of Multidisciplinary Studies 5, 4, 2019	Checklist of macrophytes in Khandari lake Jabalpur (M.P.)	2395-1079 5.323
21.	Dr. Priyanka Raj & Dr. Anuradha Dave	Anusandhan 2019-20	Traditionally Used Plants In Mahakoshal Region Of Madhya Pradesh : A Report	0975-3443
22.	Dr. Shashi R. Kuraria	AIP( 48438) vol no 2104 2019	Photoluminescence Studies Of Cerium Doped Strontium Aluminate Nano Phosphors (Sr <sub>2</sub> 0 <sub>4</sub> :Ce)	0094-243X 0.40
23.	Dr. Reeta Solanki	Global Journals of Multidisciplinary Studies 8, 6, 2019	Study of Man- Monkey Conflict and its Management in Kundam, Madhya Pradesh India	2348-0459 5.323
24.	Dr. Reeta Solanki	South Asian Journals of Multidisciplinary Studies 5, 4, 2019	Fish Health and Diseases : An Overview	2395-1079 5.323
25.	Dr. Sadhana KeshSarwani	ALOHANA CHAKRA JOURNAL UGC CARE GROUP I JOURNAL 9, 1, 2020	Pesticide Exposure On Haematological And Biochemical Parameters Of Farmers In Panagar, Jabalpur District (M.P.)	2231-3990 6.3
26.	Dr. Sadhana KeshSarwani	JUNI KHYAT UGC CARE GROUP I JOURNAL 10, 02, 2020	Bio indicator Odonates In Southeast Region Of Narmada Valley, Jabalpur: A Preliminary Study	2278-4632 6.625

27.	Dr. Haninder Maini	ALOHANA CHAKRA JOURNAL UGC CARE GROUP I JOURNAL 9, 1, 2020	A Detail List Of Odonate And Lepidoptera Recorded From Gwarighat Region Of River Narmada, Jabalpur (M.P.)	2231-3990 6.3
28.	Dr. Haninder Maini	Life Science Bulletin, Vol.16(1&2), 2019: 57-59	Survey of Dung Beetle Diversity in Jabalpur (M.P.)	2321-7925
29.	Dr. Haninder Maini	JUNI KHYAT UGC CARE GROUP I JOURNAL 10, 02, 2020	Diversity, Status And Flight Period Of Butterfly (Lepidoptera: Rhopalocera) In Narmada River, Bhedaghat, Jabalpur (M.P.)	2278-4632 6.625

**Type of Program (Professional Development Programmes, Orientation/Induction Programmes, Refresher Course, Short Term Course ) attended by faculty**

S.NO.	Name of the Faculty	Type of Program (Professional Development Programmes, Orientation/Induction Programmes, Refresher Course, Short Term Course )	Start Date and End Date	Name of the Organising Institution
1	Dr. Rita Solanki	Short Term Course On Science Popularization "Science foe People and People for Science"	26-30/11/2019	Govt. Model Science College, Jabalpur In Collaboration with Govt. M. H. College, Jabalpur & Mahakoshal Vigyan Parishad
2	Dr. Abha Tiwari			
3	Dr. Geeta Shukla			
4	Dr. Jyoti Jain			
5	Dr. Rachana Pandey			
6	Dr. B.K. Singh			
7	Dr. Madhulika Shrivastava			
8	Dr. Nidhi Choubey			
9	Dr. Harinder Maini			
10	Dr. Shampa Jain			
11	Dr. Vijiya Kaushal Shrivastava			
12	Dr. Archana Gupta			
13	Dr. Akhilesh Ayachi			
14	Dr Kiran Singh	Training program on sophisticated instruments	15-19/10/2019	Govt. Model Science College, Jabalpur
15	Miss Nalini Mishra	Training program on sophisticated instruments	15-19/10/2020	Govt. Model Science College, Jabalpur
16	Dr. Shubha Sinha	Training program on sophisticated instruments	15-19/10/2021	Govt. Model Science College, Jabalpur
17	Dr. Anuradha Dave	Training program on sophisticated instruments	15-19/10/2019	Govt. Model Science College, Jabalpur
18	Dr. Priyanka Raj	Training program on sophisticated instruments	15-19/10/2019	Govt. Model Science College, Jabalpur
19	Dr. Mridula Dubey	Training program on sophisticated instruments	15-19/10/2020	Govt. Model Science College, Jabalpur
20	Dr. Shashi Rajendra Kuraia	Short Term Course On Plasma Science & its Technological Applications, Emerging Trends in Nuclear Technologies Science &	2-7/12/2019	Govt. Model Science College, Jabalpur
21	Dr Manju Gupta			
22	Dr. Girish Verma			

23	Dr. Mamta Shrivastava	Technology for Society, Nuclear Technologis for Fight Against Cancer, DAE initiatives in field of Health, Agriculture and Food Security, Energy Needs of Deveolping India and Nuclear Energy: Threats and Perception etc.	2-7/12/2019	
24	Dr. N. L. Patel		2-7/12/2019	
25	Smt. Vandana Arnold		2-7/12/2019	
26	Dr. Archana Khare		2-7/12/2019	
27	Dr. Sulekha Pathak	Conservation of Forest Resources upcoming Challenges adaptive machanism for sustainable development	14-19/10/2019	EPCO Institute of Envirommental Studies, Bhopal
28	Dr. Rajni Nigam			
29	Dr. Rashmi Saxena	Annual Refresher Programme in Teaching "Arpit"	3/2/2020-8/2/2020	RDVV, Jabalpur
30	Smt. Ayesha Tahera Khan	Orientation Programme Departmental Induction Training Programme	17/2/2020-22/2/2020	RCVP Naronha Academy of Administration & Management, Bhopal
31	Smt. Madhuri Ramteke			
32	Smt. Chandrakanta Morya			
33	Dr. Manisha Arya			
34	Ms. Manju Barkhane			
35	Smt. Shruti Singh			
36	Dr. Rajlakshmi Tripathi	Workshop on MOOCS e-content development & open educational resources	19/8/2019-24/8/2019	UGC Human Resource Development Center Pandit Ravi Shankar University, RAIPUR

#### List of linkages/ Collaborations/ MOUs

- Poorva prathamik prashikshan sansthan
- A day care centre
- Women studies and research centre Rani Durgavati University, Jabalpur M.P.
- Biodiversity conservation and Rural Biotechnology Centre, Jabalpur M.P.
- Three years MOU with LAD College (Lady Amrit bai Daga college for women of Arts Science and Commerce for Women)– Nagpur
- Vihaan rehabilitation centre,
- vocational rehab for physically handicapped,
- Montessori school, Help Age India, Creche,
- Justice Tankha memorial school for spastic children,
- ICDS centre Collectrate & family planning association of India.
- Pedilite (favicryl), Boutiques,
- National Environmental & Engineering Institute, NEERI, Nagpur
- S.F.R.I., Polipather, Jabalpur
- T.F.R.I., Neemkheda, Jabalpur
- Central Drug Research Institute, Lucknow.
- National Research Centre for Soyabean, Indore.



- Hindustan Unilever Ltd., Research Centre, White Field Bangalore.
- Defence Research & Development Organisation, DRDO, Delhi
- National Institute of Malaria Research.
- Indian Council of Medical Research, Jabalpur
- J.N.K.V.V., Jabalpur
- R.D.V.V., Jabalpur
- Govt. Model Science College, Jabalpur
- Cancer Hospital and Research Centre, Bhopal.
- IIT Mumbai

## 10. Human Resources

Highlights senior faculty and administrative appointments. Describes what new areas of activity (new courses, research areas, extracurricular activities etc.) and administrative improvements are enabled by these appointments.

Nil

### 1. Faculty and Administrative appointments: Teaching and Non-teaching

Positions	Teaching Faculty					Non-Teaching Faculty	Technical Staff
	Professor	Promoted Professor	Associate Professor	Assistant Professor	Guest faculty		
Sanctioned by UGC/ University/ State Govt							
Sanctioned	07		67			70	14
Filled	05	27	14	15	16	36	12
Sanctioned by Management/ Janbhagidari Samiti/ Other authority	---	----	----	.....	47		
Filled	----	-----	----		47		

### 2. Guest Faculty: subject-wise appointments

- Against Vacant Post

S.No.	Name	Qualification	Subject
1.	Dr. Payal Shrivastava	Ph.D	Botany
2.	Dr. Priyanka Parashar	Ph.D	Chemistry
3.	Dr. Maneesha Jain	Ph.D	Chemistry
4.	Dr. Mamta Singhai Jain	Ph.D	Chemistry
5.	Rajesh Kumar Tiwari	M.Phil	Mathematics
6.	Dr. Rajkumar Gautam	Ph.D	Physics
7.	Dr. Rashmi Jha	Ph.D	Physics
8.	Dr. Rashmi Patel	Ph.D	Physics
9.	Dr. Reeta Singh	Ph.D	Physics
10.	Dr. Shivangi Mishra	Ph.D	Physics (PSC Selected)
11.	Dr. Manisha Arya	Ph.D	Home Science (PSC Selected)
12.	Dr. Prabha Dwivedi	Ph.D	Home Science ( Fallen out)
13.	Dr. Namrata Shrivastava	Ph.D	Zoology
14.	Dr. Varsha Jain	Ph.D	Zoology

• Under Self finance Scheme

S.No.	Name	Qualification	Subject
1.	Dr. Arunima Sharma	Ph.D	Biochemistry
2.	Rashmi Singrore	M.Phil	Biochemistry
3.	Manila Bhatia	M.Phil	Biotechnology
4.	Niharika Shukla	M.Phil	Biotechnology
5.	Dr. Tilottama Choudhury	Ph.D	Biotechnology
6.	Dr. Monika Agrawal	Ph.D	Microbiology
7.	Dr. Reshma Parveen	Ph.D	Microbiology
8.	Dr. Amita Shrivastawa	Ph.D	Microbiology
9.	Dr. Jagrati Parihar	Ph.D	Microbiology
10.	Gayatri Rajak	M.Phil	Microbiology
11.	Amrit Kaur	M.Phil	Computer Science
12.	Kalpana Gaur	PG	Computer Science
13.	Aarti Chouksey	PG	Computer Application
14.	Mradula Sahu	PG	Computer Application
15.	Ranjana Mishra	M.Phil	Electronics
16.	Sandhya Shrivivas	PG	Electronics
17.	Prerna Jain	PG	Computer Maintenance
18.	Swati Singh	M.Phil	Computer Maintenance
19.	Dr. Leena Sharma	Ph.D	Chemistry
20.	Dr. Rohini Ojha Sharma	Ph.D	Chemistry
21.	Garima Shrivastava	M.Phil	Chemistry
22.	Jaya Upadhyay	M.Phil	Chemistry
23.	Suman Upadhyay	M.Phil	Chemistry
24.	Swati Tiwari	PG	Chemistry
25.	Renu Dubey	PG	Chemistry
26.	Manish Shrivastava	M.Phil	Mathematics
27.	Pratibha Shrivastava	M.Phil	Mathematics
28.	Arjun Kumar Mehra	PG	Mathematics
29.	Swati Mishra	M.Phil	Mathematics
30.	Farhar Parveen	M.Phil	Mathematics
31.	Beena Rai	M.Phil	Physics
32.	Kiran Dawande	PG	Physics
33.	Amreen Firdous	PG	Physics
34.	Nidhi Paroha	PG	Physics
35.	Dr. Pratibha Verma	Ph.D	Botany
36.	Vinod Kumar Lodhi	M.Phil	Botany
37.	Shradhha Khapre	M.Phil	Zoology
38.	Arjun Shukla	PG	Zoology
39.	Guru Prasad Soni	PG	Zoology
40.	Shivani Rai	PG	Zoology
41.	Manisha Kumari	PG	Environmental Science
42.	Dr. Durga Mishra	Ph.D	Entrepreneurship
43.	Sonika Singh	PG	PG Diploma In Fashion Designing
44.	Dr. Rachna Agrawal	Ph.D	Clothing & Textile
45.	Dr. Anju Kainwar	NET	PG Diploma in Nutrition & dietetics
46.	Dr. Sarika Singhai	NET	Hindi
47.	Dr. Kadambani Mishra	NET	Hindi

3 Annual improvement in academic, research & administrative Initiatives

- 17 Faculty members are presently involved in research activity.
- Remedial classes for B.Sc. first year students.
- Student tracking system has been initiated.

- Lecture capturing system installed in three class rooms.
- Eco club has been formed under Harit core scheme.

## 11. Events and Initiatives

Describes major events including seminars, conferences, competitions, student study trips etc. Focuses on what was achieved and learned, and how the college will follow up.

Describes significant academic, administrative, student support, fund raising, and other initiatives over the past year. The description of each initiative will be structured around the need for the initiative, how it was designed, what resources were used, what results were achieved, and which features of the initiative drove success.

• Merit holder students of UG & PG awarded gold medals and sponsored medals
• Students awarded gold medal for excellence by the college
• Slogan Competition on "Voter awareness"
• Quiz Competition for M.Sc. Students
• Awareness on cleanliness program for community
• Diabetes Awareness campaign by Team of Doctors
• Awareness program on problems of adolescence,
• District level career Fair
• Plantation drive
• Awareness programme on effect of hormonal change on teenagers
• Educational visits
• Organized a workshop for Montessori primary school students
• Community Outreach Awareness Programme
• Celebration of wild life week –lecture
• Celebration of wild life week – Poster competition
• Celebration of wild life week – Local educational tour
• Training programme on cricket
• Training programme on Kho-kho
• Training programme on table tennis
• Training programme on badminton
• 130 <sup>th</sup> Birth Anniversary of Nehru Ji
• 150 <sup>th</sup> Birth Anniversary of Gandhi Ji
• 255 Girl's Driving Licence – Pink Licence Programme
• Training programme on chess
• Theme Based Exhibition
• Training programme on kabaddi
• Training programme on basket ball
• Establishment of Police Choki in the Campus
• Training programme on martial art (karate) for self defence

### ○ Gold Medal List (PG. Level)

S.N.	Student's Name	Subject & Class	Subject of Gold Medal	Medal Count
1.	Ku. Priyanshi Hardaha	Faculty of Home Science	By College By Dr. Suman Shrivastava	2
2.	Ku. Priyanshi Hardaha	Food & Nutrition	By Dr. Meera Vaidya Dr. Smita Pathak	2
3.	Ku. Norin Naaz Ansari	Faculty of Science	By College	1
4.	Ku. Pragya Naidu	Zoology	By Dr. Shashibala	1

			Shrivastava	
5.	Ku. Nisha Prajapati	Botany	By Dr. Asha Dubey	1
6.	Ku. Pravi Khatri	Chemistry	By Maitre Family	1
7.	Ku. Ayushi Paroha	Physics	By Indu Vaidya	1
8.	Ku. Ashra Fatima Kareemee	P.G. Previous	By Maya Gupta	1
9.	Ku. Preeti Sahi	Resource Management	Smt. Geeta Sharat Tiwari	1
10	Ku. Kalpana Gupta	Clothing & textile	By Dr. Bhavna Sharma	1

○ **Gold Medal List (UG. Level)**

S.No.	Student's Name	Subject & Class	Subject of Gold Medal	Medal Count
1.	Ku. Richa Mishra	Science	By College By Pushpa Tiwari	2
2.	Ku. Prachi Nema	Clinical Nutrition	By Dr. Meera Vaidya By Smt. Vishwashanti Parashar	2
3.	Ku. Priyanka Singh	Home Science	By College Pushpa Tiwari	2
4.	Ku. Deepa Gupta	To get the highest score in English	By Shri Rajendra Mishra	1
5.	Ku. Abhilasha Shrivastava	Biochemistry	By Dr. Rashmi Saxena	1

## 12. Institutional Development plan

Describes the college's activities over the past year under different schemes, discusses performance against strategic/institutional development plans and commitments over the previous year.

Indicator*	Baseline Value	Target for [2019-20]	Value as on 30 <sup>th</sup> September [2018-19]
The college has been included in the development plan for RUSA under the components-8 but no grant has been released till date			

### Role of Internal Quality Assurance Cell (IQAC) in academic audit and initiating quality assurance strategies and processes

#### Impart Quality Education:

- Total involvement of students in teaching learning process through seminars, group discussions and workshops.
- Alternate teaching techniques to supplement traditional lecture method, use of modern teaching tools.
- Feedback from the students, and other stake holders, on syllabus and teaching-learning.
- Programmes to train students in communication and soft skill, impart basic computer knowledge.
- To ensure creditability of evaluation procedure.
- To promote research on thrust areas.

### 13. Placement Report

Describes the college's placement cell activities, placement rate and salary statistics, and lists major employers and sectors of employment (disaggregated by gender and course studied). Profiles successful alumni and identifies emerging placement trends.

- **Activities of Swami Vivekananda career counselling cell**

SNo.	Name of the activity	Date And Duration
1	SWOT Analysis to identify oneself and Awareness to	July 2019
2	<ul style="list-style-type: none"> <li>• Carrier Guidance Cell – Information about purpose and Activity</li> <li>• "Swatantrata Pakhwada" Independence Day</li> </ul>	August 2019
3	SWEEP 2019 – Awareness and Achievement of women	6-7 September 2019
4	Short time – Self-employment training programme	13 September 2019
5	Convocation programme – Descriptive presentation of	17 September 2019
6	"Soft Toys" training programme completed on 22	October 2019
7	Decreasing Moral Values and Increasing Corruption –	8 November 2019
8	Seminar on Career Opportunities in the Armed Forces	25 November 2019
9	Examination Guidance for Post-Graduate Students	December 2019
10	Lecture on "Personality of Swami Vivekanand and	January 2020
11	Short term training programme on "Mushroom	6 January 2020
12	Industrial Visit – " Sanchi Dugdha Sangha" and "O.K.	30 January 2020
13	Division Level Carrier Fair – Inaugurated by Cabinet minister, Department of energy and Incharge Minister Mr. Priyavrat Singh, Social Justice Minister Mr. Lakhan	15-16 February 2020

● **Alumni Profile**

S.N.	Name of Alumni	Employment status	Name of the organisation
1	Dr. Shashi Bala Shrivastava	Professor, Principal	Govt. M. H. College. Jabalpur
2	Dr. Krishna Pateria	Professor, H.O.D.	Govt. M. H. College. Jabalpur
3	Dr. Sadhana Kesharwani	Professor, Co-ordinator, Bio-tech	Govt. M. H. College. Jabalpur
4	Neha Pachori	Customer Support Officer	Equicom Company Indore
5	Nidhi Kirar	Customer Support Officer	Equicom Company Indore
6	Aarti Vishwakarama	Customer Support Officer	Equicom Company Indore
7	Dr. Abha Tiwari	Professor	Govt. M. H. College. Jabalpur
8	Dr. Geeta Shukla	Professor	Govt. M. H. College. Jabalpur
9	Dr. Archana Gupta	Professor	Govt. M. H. College. Jabalpur
10	Dr. Meera Kumar	Professor	Govt. M. H. College. Jabalpur
11	Dr. Madhulika Shrivastava	Professor	Govt. M. H. College. Jabalpur
12	Dr. A. Ojha	Professor	IIITDM, Jabalpur
13	Dr. N. Shrivastava	Retired Professor	College of excellence
14	Dr. M.L. Shrivastava	Retired Professor	RDVV, Jabalpur
15	Dr. Sudipta Sanyal	Associate Professor	Govt. M. H. College. Jabalpur
16	Dr. M Shrivastava	Professor	Govt. M. H. College. Jabalpur
17	Nidhi Jain	Dietician	Marble City Hospital, Jabalpur
18	Ruchi Verma	Dietician	Apollo Hospital, Indore
19	Priyanka Singh	Dietician	Bharat Arabian Refinery, Bina

**14. Innovations and Best Practices**

- Opportunities and Development Skills
- Development of event management skills
- Community outreach awareness activities
- Go Green
- Theme Based Exhibition
- Orientations for National Awareness

**15. SWOC Analysis**

**Strengths:**

- Autonomous college with CPE status and good physical and academic infrastructure serving minority, socially marginalized women students.
- Location in the heart of the city with green premises.
- Highly qualified teaching staff and registered College research journal Anusandhan.
- Registered Alumni Association offering Gold medals for outstanding students.

- Sports complex for Indoor, Outdoor games with a gymnasium.
- Internship/ Projects for outgoing students

**Weaknesses:**

- Student-Teacher Ratio is low in terms of permanent faculty.
- Lack of technicians
- Innovation Research and consultancy need to be developed.
- “Centre for Innovation and Incubation” and Entrepreneurship Development has to be setup.
- Monitoring and documentation of student progression has to be strengthened.
- Use of renewable energy sources in the campus is to be increased.
- The industry-institute partnership initiatives are to be developed.

**Opportunities:**

- Strengthening of extension programmes by adoption of nearby villages and by focusing on sensitization programmes on environmental sustainability, eco-friendliness and Swatchh Bharat mission etc.
- Career Guidance Cell can arrange placement through internships.
- Institution can admit students to pursue online courses through Swayam, MOOCs.
- Expertise of Home science teachers can be tapped to start food blogs, You Tube channels.
- College has locational advantage of being in the heart of the city; therefore it must build relationship with other stakeholders for its benefit.

**Challenges (Threats):**

- Upcoming private colleges with better facilities.
- Online courses through MOOC.
- Lack of competitiveness among students.
- Professional courses are preferred over Degree courses.
- Less job opportunities.

**16. Looking Ahead Future Plans**

Lays out the college’s priorities and goals over the coming year. Describes key initiatives planned, what each initiative is expected to achieve, and how it will contribute to the college’s long term development.

**Key Initiatives Planned: Administrative Head**

S. No	Administrative Head	Nature of proposal	Expected Outcome
1	Procurement of classroom furniture	Facility for students	Better sitting arrangement
2	Increase number of water coolers	Facility for students	Better Environment
3	Renovation of building	Maintenance of building	
4	Increase number of ICT enabled classrooms	Quality education	Better Results
6	Up gradation of Laboratory equipment’s	Quality Improvement	Better result
8	Purchase new books	Quality Improvement	Better result
9	Improved e-library facility for	Quality Improvement	Better result



	students		
10	Improve and maintain already existing sports facility	Quality Improvement	Increase participation in sports

Key Initiatives Planned: Academic Head

S.No.	Academic Head	Nature of proposal	Expected Outcome
1	Training programme for faculty	Quality improvement	Better Teaching and Learning
2	Training programme for office staff	Quality improvement	Better functioning
3	Lectures by Eminent Professors	Quality improvement	Exposure and In-depth knowledge to students
4	Strengthening already existing career counselling and placement cell	Establishing cell	Improved placement
5	Increase in number of personality development training programmes	Quality improvement	Improved placement
6	Increase in number of Skill oriented programs	Quality improvement	Improved placement
9	Organizing Remedial coaching for weak students	Quality improvement	Better Results
10	Increase number of excursions and educational tours	Quality improvement	Exposure and Practical Experience

## Part II

Appendix: Institutional Performance Data and Financial Reports (all part II data kindly fill in attached excel sheet )

### 1. Sanctioned seats and enrolment

<b>(a) Sanctioned Seats</b>					
	<b>SC</b>	<b>ST</b>	<b>Other Reserved Categories</b>	<b>General</b>	<b>Total</b>
<b>Undergraduate</b>	187	234	316	433	1170
<b>Postgraduate</b>	38	48	65	89	240
<b>PG Diploma</b>	5	6	8	11	30

Data Source: AISHE

<b>(b) Enrolment</b>							
Admission after 15% increment of seats		Undergraduate			Postgraduate		PG Diploma
		Year 1	Year 2	Year 3	Year 1	Year 2	
<b>SC</b>	Female	140	158	136	37	25	01
<b>ST</b>	Female	192	214	68	30	25	00
<b>Other Reserved Categories</b>	Female	466	477	519	114	75	09
<b>General</b>	Female	277	295	376	82	66	06
<b>Total</b>	Female	1075	1144	1099	263	191	16

Data Source: AISHE

Number of sanctioned seats by discipline group and enrolment in the 1 <sup>st</sup> year as on September 30 <sup>th</sup> [2019-20]						
Discipline Group	Undergraduate		Postgraduate		PG Diploma	
	Sanctioned Seats	Enrolment	Sanctioned Seats	Enrolment	Sanctioned Seats	Enrolment
Science	1020	950	175	174	-	-
Home Science	150	79	85	45	30	10

Data Source: AISHE

## 2. Transition and on-time graduation

(a) Transition from the 1 <sup>st</sup> year to the 2 <sup>nd</sup> year (Undergraduate)				
		Number of students admitted to the 1 <sup>st</sup> year in [2019-20] (*)	Of (*), the number of students currently enrolled in the 2 <sup>nd</sup> year who:	
			Passed all subjects in the 1 <sup>st</sup> year	Were Allowed to Keep Terms
SC	Female	155	155	-
ST	Female	186	184	-
Other Reserved Categories	Female	420	409	-
General	Female	268	268	-
<b>Total</b>	Female	1029	1016	-

Data Source: AISHE, examination results declared by [affiliating university/autonomous college]

(a) Transition from the 1 <sup>st</sup> year to the 2 <sup>nd</sup> year (Postgraduate)				
		Number of students admitted to the 1 <sup>st</sup> year in [2019-20] (*)	Of (*), the number of students currently enrolled in the 2 <sup>nd</sup> year who:	
			Passed all subjects in the 1 <sup>st</sup> year	Were Allowed to Keep Terms
SC	Female	25	25	-
ST	Female	27	26	-
Other Reserved Categories	Female	82	77	-
General	Female	73	67	-
<b>Total</b>	Female	207	195	-

Data Source: AISHE, examination results declared by [affiliating university/autonomous college]

(b) On-time graduation (Undergraduate)			
		Number of students admitted to the 1 <sup>st</sup> year in [year t-3] (*) 2017-18	Of (*), the number of students who passed all final year examinations for the previous academic year 2019-20
SC	Female	156	97
ST	Female	190	89

<b>Other Reserved Categories</b>	Female	513	427
<b>General</b>	Female	378	288
<b>Total</b>	Female	1237	901

Data Source: AISHE, examination results declared by [affiliating university/autonomous college]

<b>(b) On-time graduation (Postgraduate)</b>			
		<b>Number of students admitted to the 1<sup>st</sup> year in [year t-2] (*) 2018-19</b>	<b>Of (*), the number of students who passed all final year examinations in the current year 2019-20</b>
<b>SC</b>	Female	26	19
<b>ST</b>	Female	29	17
<b>Other Reserved Categories</b>	Female	75	64
<b>General</b>	Female	69	68
<b>Total</b>	Female	199	168

Data Source: AISHE, examination results declared by [affiliating university/autonomous college]

### 3. Faculty and administrative staff in position and training

<b>(a) Faculty and administrative staff in position as on 30<sup>th</sup> September, [2019-20]</b>							
		<b>Reserved</b>					<b>Unreserved</b>
		<b>SC</b>	<b>ST</b>	<b>MP Residents</b>	<b>Females</b>	<b>Others</b>	
<b>Assistant Professor</b>	Sanctioned	Category wise appointment of faculty is carried out by Higher Education Bhopal					67
	Filled (Regular)	05	1	15	13	2	05
	Guest Lecturers	-	-	14	12	2	12
<b>Associate Professor</b>	Sanctioned	Category wise appointment of faculty is carried out by Higher Education Bhopal					
	Filled (Regular)	-	-	26	22	-	26
<b>Promoted professor</b>	Filled (Regular)	-	-	16	13	01	15
<b>Professor</b>	Sanctioned	Category wise appointment of faculty is carried out by Higher Education Bhopal					
	Filled (Regular)	02	-	05	04	01	03
<b>Admin. Staff (all)</b>	Sanctioned	Category wise appointment of Staff is carried out by Higher Education Bhopal					
	Filled (Regular)	3	01	All	4	1	3
<b>Accountant</b>	Sanctioned	Category wise appointment of faculty is carried out by Higher Education Bhopal					
	Filled	-	-	01	-	01	-

	(Regular)					
--	-----------	--	--	--	--	--

Data Source: AISHE

<b>(b) Training of faculty and administrative staff between October 1<sup>st</sup> [previous year] to September 30<sup>th</sup> [2019-20]</b>				
		Leadership and management training	Training in the area of academic specialisation	Other training
<b>Assistant Professor</b>	Number trained	06	-	06
	Avg. number of days	06	-	05
<b>Associate Professor</b>	Number trained	01	05	05
	Avg. number of days	02	01	05
<b>Professor</b>	Number trained	02	15	10
	Avg. number of days	03	01	01
<b>Administrative Staff (all)</b>	Number trained	-	-	-
	Avg. number of days	-	-	-
<b>Accountant</b>	Number trained	-	-	-
	Avg. number of days			

Data Source: Compiled from training certificates submitted by faculty/administrative staff

<b>(c) Faculty qualifications as on 30<sup>th</sup> September, [Current Year]</b>					
		PhD	Postgraduate	Under graduate	Others
<b>Assistant Professor</b>	Regular	04	11	-	-
	Guest Lecturers	-	-	-	-
<b>Associate Professor</b>	Regular	14	-	-	-
<b>Professor</b>	Regular	32	-	-	-

Data Source: AISHE

#### 4. Student support services

<b>(a) Financial support received (from all sources) by students in the college between October 1<sup>st</sup> [2019-20] to September 30<sup>th</sup> [2020-21]</b>							
		Undergraduate		Postgraduate		PhD	
		Number	Average Value (Rs.)	Number	Average Value (Rs.)	Number	Average Value (Rs.)
<b>SC</b>	Gaon Ki Beti	04				----	----
	Medhavi	86				----	----
	Post metric	169	1755086			----	----
	Aawas	18	404000			----	----
<b>ST</b>	Gaon Ki Beti	-				----	----
	Medhavi	51				----	----
	Post metric	35	357469			----	----
	Aawas	08	174000			----	----
<b>OBC</b>	Gaon Ki Beti	39				----	----
	Medhavi	689				----	----
	Post metric	151	832600			----	----
<b>Gen</b>	Gaon Ki Beti	34				----	----
	Medhavi	483				----	----
<b>Total</b>		1767					

## 5. Examination Results

<b>(a) Examination results for [2019-20] (undergraduate)</b>											
		SC		ST		Other Reserved Categories		General		Total	
		M	F	M	F	M	F	M	F	M	F
<b>1<sup>st</sup> year</b>	Appeared	-	155	-	184	-	409	-	268	-	1016
	1 <sup>st</sup> division	-	120	-	140	-	325	-	240	-	825
	2 <sup>nd</sup> Division	-	28	-	39	-	70	-	17	-	154
	3 <sup>rd</sup> Division	-	07	-	05	-	14	-	11	-	37
<b>2<sup>nd</sup> year</b>	Appeared	-	195	-	133	-	374	-	272	-	974
	1 <sup>st</sup> division	-	150	-	85	-	316	-	241	-	792
	2 <sup>nd</sup> Division	-	43	-	48	-	58	-	31	-	180
	3 <sup>rd</sup> Division	-	02	-	-	-	-	-	-	-	02
<b>3<sup>rd</sup> year</b>	Appeared	-	97	-	89	-	427	-	288	-	901
	1 <sup>st</sup> division	-	47	-	35	-	272	-	209	-	563
	2 <sup>nd</sup> Division	-	50	-	54	-	155	-	79	-	338
	3 <sup>rd</sup> Division	-	-	-	-	-	-	-	-	-	-

Data Source: Examination results declared by [Autonomous College]

<b>(a) Examination results for [2019-20] (postgraduate)</b>											
		SC		ST		Other Reserved Categories		General		Total	
		M	F	M	F	M	F	M	F	M	F
<b>1<sup>st</sup> year</b>	Appeared	-	25	-	26	-	77	-	67	-	195
	1 <sup>st</sup> division	-	19	-	19	-	66	-	60	-	164
	2 <sup>nd</sup> Division	-	06	-	07	-	11	-	07	-	31
	3 <sup>rd</sup> Division	-	-	-	-	-	-	-	-	-	-
<b>sssss 2<sup>nd</sup> year</b>	Appeared	-	19	-	17	-	64	-	68	-	168
	1 <sup>st</sup> division	-	11	-	14	-	56	-	62	-	143
	2 <sup>nd</sup> Division	-	08	-	03	-	08	-	06	-	25
	3 <sup>rd</sup> Division	-	-	-	-	-	-	-	-	-	-

Data Source: Examination results declared by [Autonomous College]

## 6. Placement and student tracking

<b>(a) Placement and Tracking of Students who graduated in [2018-19] (Undergraduate)</b>						
		Number of students who graduated in[2018-19] (*)	Of (*), the number of students who were successfully tracked and are:			
			Employed/ Self-employed	In education/ training	Unemployed	Not in the labour force
<b>SC</b>	Female	65	-	15	50	----
<b>ST</b>	Female	65	01	16	48	----
<b>OBC</b>	Female	278	02	48	228	----
<b>GEN</b>	Female	255	-	43	212	----
<b>TOTAL</b>	Female	663	03	122	538	----

Data Source: Records of the college placement cell

<b>(a) Placement and Tracking of Students who graduated in [2018-19] Postgraduate)</b>						
		Number of students who graduated in[2018-19] (*)	Of (*), the number of students who were successfully tracked and are:			
			Employed/ Self-employed	In education/ training	Unemployed	Not in the labour force
SC	Female	26	-	8	18	----
ST	Female	25	-	8	17	----
OBC	Female	92	04	25	63	----
GEN	Female	80	01	22	57	----
<b>TOTAL</b>	Female	<b>223</b>	<b>05</b>	<b>63</b>	<b>155</b>	<b>----</b>

Data Source: Records of the college placement cell

### 7. PhDs Awarded

<b>Number of PhDs awarded between October 1<sup>st</sup> [2019] to September 30<sup>th</sup> [2020]</b>	
Discipline Group	Number
Home Science	04
Science	04
<b>All disciplines</b>	<b>08</b>

Data Source: AISHE

### 8. Research and consultancy

<b>Revenue generated through externally funded research and consultancies over [previous financial year]</b>		
Discipline Group	Number of active projects	Total Revenue Generated (Rs. lakhs)
Home Science	Nil	Nil
Science	Nil	Nil
<b>All disciplines</b>	<b>Nil</b>	<b>Nil</b>

Data Source: College/university records

<b>Number of papers published in peer-reviewed journals between October 1<sup>st</sup> [2019] to September 30<sup>th</sup> [2020]</b>			
Discipline Group	Number of papers published		Number of published papers through cross-institute research collaboration
	International Journals	National Journals	
Home Science	08	-	-
Science	8	13	4
<b>All disciplines</b>	<b>16</b>	<b>13</b>	<b>-</b>

Date Source: College records based on published papers submitted by faculty

### 9. NAAC accreditation and UGC autonomy

	Date of Application (LOI & SSR submitted)	Date on which accreditation was received	Grade	Valid till
1 <sup>st</sup> Cycle	-	September 2003	B++	2008
2 <sup>nd</sup> Cycle	-	March 2012	A	2017
3 <sup>rd</sup> Cycle	-	19July 2019	B+	2024

Date of submission of the Annual Quality Assurance Report for the current year: **10/01/2019**.

Does the college have currently valid UGC autonomy?

**Yes**, If yes, by order number **No. F22-1/2017(AC)**, dated **13/10/2017**.

## 10. Institutional Trends

Variable	Baseline value	2016-17	2017-18	2018-19	2019-20	2020-21
Percentage of sanctioned seats in the 1 <sup>st</sup> year filled (undergraduate, all categories)	1170	92.8	105	105	87.9	91.88
Percentage of sanctioned seats in the 1 <sup>st</sup> year filled (postgraduate, all categories)	240	96.7	101	100.4	101	109
Transition rate from the 1 <sup>st</sup> year to the 2 <sup>nd</sup> year (undergraduate, all categories)	100	81.1	83.3	73.1	85.85	98.73
On-time graduation rate (undergraduate, all categories)	100	63.2	63	65.41	62.19	72.83
Transition rate from the 1 <sup>st</sup> year to the 2 <sup>nd</sup> year (post graduate, all categories)	100	85.5	83.6	82.7	75	94.20
On-time graduation rate (postgraduate, all categories)	100	77.4	73.7	81.2	94	84.42
Regular faculty in position rate (all levels, reserved categories)	100	7.5	7	7	7.5	10.81
Regular faculty in position rate (all levels, unreserved categories)	100	66	71.6	70.27	64.8	71.62
Percentage of regular faculty with PhDs (all levels)	100	63.5	68.9	67	63.5	67.56
Employment rate of graduates from the previous academic year (undergraduate, all categories)	In percentage	6	17	6	11	5
Employment rate of graduates from the previous academic year (postgraduate, all categories)	In percentage	15	20	10	15	5
Percentage of total revenue generated through externally funded research		1,45,0000	-	-	-	-
Number of papers published in peer-reviewed, international journals	Count	37	42	57	71	29

## 11. Financial Reports

Name and registration number of the auditor **K.C. Koshal & Co.** Reg. No. **000104C, 400058**.

Number of audit observations recorded by the auditor **07**.

Number of audit responses found satisfactory, as certified by the project directorate- **07 (CA Audit)**.

Certified audit reports as per the standard Chart of Accounts to be attached-**Certificate awaited**



## 12. All India Survey of Higher Education

Date on which all applicable fields of the Data Collection Format for the All India Survey of Higher Education were completed and submitted: **15/02/2020**

### 1. Attachments : AISHE Certificate

