



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		GOVT MADHAV SCIENCE COLLEGE UJJAIN
Name of the head of the Institution		Dr. Arpan Bhardwaj
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		07342511803
Mobile no.		9425332158
Registered Email		madhavsciencecollegeujjain@gmail.com
Alternate Email		arpanbhardwaj11@gmail.com
Address		Dewas road
City/Town		Ujjain
State/UT		Madhya Pradesh
Pincode		456010
<b>2. Institutional Status</b>		

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	Self financed and grant-in-aid
Name of the IQAC co-ordinator/Director	Dr. Deependra Singh Raghuvanshi
Phone no/Alternate Phone no.	07342511803
Mobile no.	9713389538
Registered Email	madhavsciencecollegeujjian@gmail.com
Alternate Email	singhkalpana297@gmail.com

### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_75330a439a21492eae156ef17a208174.pdf">https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_75330a439a21492eae156ef17a208174.pdf</a>
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### 4. Whether Academic Calendar prepared during the year

Yes

if yes, whether it is uploaded in the institutional website:  
Weblink :

[https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0\\_311a60bc43d34b42b0ab53982e0517aa.pdf](https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_311a60bc43d34b42b0ab53982e0517aa.pdf)

### 5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
2	A	3.17	2015	14-Sep-2015	14-Sep-2020

### 6. Date of Establishment of IQAC

01-Jul-2008

### 7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Academic and	01-Apr-2019	2998

Administrative Audit of the College Internal as well as external	15	
Feedback collected from Students about the course and program Students about Teaching Faculty and Institute in general	30-Mar-2019 15	250
Regular meeting of internal quality assurance cell and timely execution of meeting points	05-Apr-2019 1	12
Regular meeting of internal quality assurance cell and timely execution of meeting points.	15-Nov-2018 1	13
Regular meeting of internal quality assurance cell and timely execution of meeting points.	02-Jul-2018 1	9
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**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Infrastructure Grant for Govt. Madhav Science P.G. College Ujjain Under Component 7	RUSA	Ministry of Human Resource Development Department of Higher Education (U. Policy Section)	2018 365	5000000
Govt. Madhav Science P.G. College Ujjain	Electricity	State Govt.	2018 365	377106
Govt. Madhav Science P.G. College Ujjain	Telephone	State Govt.	2018 365	12442
Govt. Madhav Science P.G. College Ujjain	Career Guidance	State Govt.	2018 365	40000
Govt. Madhav Science P.G. College Ujjain	Sports	State Govt.	2018 365	17950
Govt. Madhav Science P.G. College Ujjain	Student Tracking Under World Bank	State Govt.	2018 365	265000

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**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

3

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

• Strengthening of Academic Counselling Board. Instrumentation and HPLC Training is organized for students and Faculty. Training is organized with support from Career Guidance cell • Excellence Acquisition Tenure EAT was launched for better synchronisation of Flagship programme with academic calendar • Young Scientist Dialogue organized with MPCST Collaboration on 28/09/2018. Dr. Sudhir Mishra CEO BrahMos was the chief guest of the occasion . Programme has wide coverage starting from 102 schools to Colleges to University to Engineering Colleges across Ujjain. Programme was attended by 2500 participants • Year 2019 is declared by UNESCO as International Year of Periodic Table IYPT 2019. Prgrammes are chalked out and are being conducted for IYPT 2019 • Academic and Administrative audit conducted in the college. College is participating in Governance Benchmarking too. RUSA Renovation activities of value Rs. 70,00,000/ are complete which includes renovation of Laboratories( Chemistry, Physics, Botany, Zoology, Geology) Corridors, washrooms , Construction of New Biotechnology block has also started

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**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achivements/Outcomes
Celebration of IYPT 2019 activities	Year 2019 is declared by UNESCO as International Year of Periodic Table IYPT 2019. Prgrammes are chalked out and are being conducted for IYPT 2019
Registration of students in MOOCS IN NPTEL	Students inspired to register for MOOCS hosted on SWAYAM/NPTEL platform.

	Students registered in individual capacity
Organization of trainings for students and faculty Academic and Administrative Audit of the college. Participation of college in Governance Benchmarking	Instrumentation and HPLC Training is organized for students and Faculty. Training is organized with support from Career Guidance cell Academic and Administrative audit conducted in the college. College is participating in Governance Benchmarking too.
RUSA development activities	RUSA Renovation activities of value Rs. 70,00,000/- are complete which includes renovation of Laboratories( Chemistry, Physics, Botany, Zoology, Geology) Corridors, washrooms , Construction of New Biotechnology block has also started
Strengthening of Eco restoration activities	Eco Restoration Practices are reviewed and strengthened in the college which includes Neutralization of water discharge in Chemistry/ Pharmaceutical Lab Micro estimation Techniques to minimise Chemical discharge Simulation Labs before wet labs to prevent chemical wastage Ethical Policy in Place Minimisation of Electronic waste Solid waste management through Best out of waste policy Programmes like Ozone day celebration, Earth Day, World Environment day to spread awareness Plantation Activities
Organization of one inter institutional Event of high impact to nurture Science aptitude among students	Young Scientist Dialogue organized with MPCST Collaboration on 28/09/2018. Dr. Sudhir Mishra CEO BrahMos was the chief guest of the occasion . Programme has wide coverage starting from 10+2 schools to Colleges to University to Engineering Colleges across Ujjain. Programme was attended by 2500 participants
Flagship Programmes to be implemented in synchronisation with academic Calendar	Excellence framework in college is achieved through well-knit Flagship framework. One new Flagship programme Ananya is launched in the session 2018-19 to cater to issues related to Gender equality especially to women and Gender Development Cell. Excellence Acquisition Tenure EAT was launched for better synchronisation of Flagship programme with academic calendar
Analysis of IDP Activities	Institutional Development plan was Prepared by the trained team MPHEQIP for the college which has 2 trained professors from the college. IDP activities were discussed through group workshops to students Faculty and Non-teaching staff.

Strengthening of Academic Counselling Board	Academic Counselling Board was constituted in 2015-16 session in the college. Strengthening was achieved through enhanced student centric academic activities in Place through support plans for slow and fast learners both. Remedial extra classes, Tutorials and coaching classes for slow learners and Chamber consultation hours/ classes for Fast learners
Analysis of Results specifically of B.Sc programme in 201718.	College has seen a fall in the B.Sc Results in session 201718. Taking note of that IQAC has constituted an analysis panel to look into the matter. Panel met once in every month and put forwarded concrete measures to improve result scenario in 201819. Evidence of Success Results improved from 77.52 in 201718 to 87.84 in 201819
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<b>14. Whether AQAR was placed before statutory body ?</b>	Yes				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Janbhagidari samiti</td> <td style="text-align: center;">23-Jun-2018</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	Janbhagidari samiti	23-Jun-2018
Name of Statutory Body	Meeting Date				
Janbhagidari samiti	23-Jun-2018				
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No				
<b>16. Whether institutional data submitted to AISHE:</b>	Yes				
Year of Submission	2018				
Date of Submission	31-Dec-2018				
<b>17. Does the Institution have Management Information System ?</b>	Yes				
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	<b>MANAGEMENT INFORMATION SYSTEM</b> College does not own it's own commercial MIS, Being a Govt. College we enjoy the privilege of using various modules of MIS developed by Department of Higher education Govt. of M.P. and Vikram University Ujjain. College uses MIS developed by the Govt. and then extracts the information pertaining to the college and keep in the central server of the college for further use				

and analysis. The portals/ modules used by the college to extract and analyze information are 1. Admission portal of the DHE 2. Examination Portal of Vikram University Ujjain for enrolment of students/ online entry of marks for Internal examination Practical Exams and project related information 3. Scholarship Portal 4. Establishment link of the DHE for keeping record of sanctioned posts of teaching as well as Nonteaching staff 5. Online Portal of DHE for Guest Faculty appointments against the vacant post. 6. E Service book portal of DHE for keeping record and extracting information about the service record of individual staff (Teaching and NonTeaching both) 7. For financial data MP treasury link 8. AGMP for provident fund related information 9. Tally software for accounting 10. RUSA Portal for RUSA Grant Information 11. World Bank related information is extracted from MPHEQIP project portal

## Part B

### **CRITERION I – CURRICULAR ASPECTS**

#### **1.1 – Curriculum Planning and Implementation**

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Being an affiliated constituent college, Curriculum is provided by the department of higher education Govt. of Madhya Pradesh, curriculum for undergraduate classes is designed by Central Board of Studies, Curriculum for P.G.Classes is designed by Board of studies of the university, many teachers are the Chairperson / members of the board of studies of University for different subjects. Institution ensures the effective curriculum delivery through a well-planned and documented procedure. Academic calendar provided by the department of higher education is uploaded on the college website and college strictly adheres to the academic calendar. A detailed timetable is prepared by timetable committee headed by the principal and convened by a senior faculty member. Timetable envelopes efficiently curricular activities like theory classes, practical classes, CCE, tutorials, Chamber consultation hours, ICT, library, value added courses, add-on classes and space is provided for co-curricular activities too. Head of the department takes care of the internal distribution of time table. Syllabus units are distributed to individual teachers depending upon their expertise. Entry behavior of students is judged by individual teachers in the starting classes through quiz and interactions. Teachers prepare the lesson plan and teaching content to deliver to students. Lesson plan is notified to students through notice boards in the departments. Different teaching methodologies are adopted by teachers, this includes Lecture method: Lectures are used to convey information, background and theories relating to various scientific laws. Use of ICT: for student centric approach of curriculum delivery. The college is well equipped with state of the art smart class rooms, virtual class rooms, audio-visual and other ICT facilities which are extensively used by teachers in day to day teaching to

make delivery of the curriculum attractive to students. Video lectures: For in depth extensive implementation of curriculum, special lectures delivered by eminent scholars on topics related to the curriculum further intensify learning experience. Simulation Classes: Simulation classes are mainly used to implement practical Curriculum Online Groups: For effective curriculum implementation whatsapp and email study groups are created Field Projects and experiential learning: This methodology is used to implement applicatory part of the curriculum more predominantly in P.G.Classes Assignments Workshops & Seminars : Interactive teaching is promoted through students' participation in group discussions, quizzes workshops and seminars Value Added courses: Curriculum is enriched and strengthened through 30 hour value added courses, college notifies these value added courses through notice boards and classroom informations. A uniform time table is prepared for Internal Evaluation Exams. Internal exam coordinator ensures smooth conduction of exam and proper valuation of internal books. Examination cell headed by senior faculty keeps track of the syllabus covered, through HOD. The daily diary maintained by teachers keep record of the syllabus covered. Diary is signed by the Individual Teacher and countersigned by HOD and Principal of the college. Of the 13 declared CCE modes, different classes are allotted different CCE modes making the process more analytical and exhaustive, this gives a fair insight into the effective curriculum delivery

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
NIL	P.G. Diploma in Yoga	01/07/2018	365	Yes	Yes
NIL	P.G. Diploma in CS CA	01/07/2018	365	Yes	Yes
Bio Membrane models: An Interface with Drug delivery Systems	NIL	10/08/2018	15	Yes	Yes
Bio Membrane models: An Interface with Drug delivery Systems	NIL	04/11/2018	15	Yes	Yes
Value added course on HPLC and cheminformatics	Nil	09/03/2019	15	Yes	Yes
Add on course on computations and statistical	NIL	18/07/2018	15	Yes	Yes



methods in P harmaceutica l Chemistry					
Add on course on computations and statistical methods in P harmaceutica l Chemistry	Nil	20/09/2018	15	Yes	Yes
Add on course on NMR applications on Biomolecules	Nil	03/02/2019	15	Yes	Yes
Add on course on NMR applications on Biomolecules	Nil	12/04/2019	15	Yes	Yes
Value added course on Sericulture	NIL	17/09/2018	15	Yes	Yes
Value added course on Sericulture	NIL	13/11/2018	15	Yes	Yes
Value added course on Sericulture	NIL	16/08/2018	15	Yes	Yes
Add On course on training for defence services	NIL	23/09/2018	15	Yes	Yes
Add On course on training for defence services	NIL	18/10/2018	15	Yes	Yes
Add On course on training for defence services	NIL	06/02/2019	15	Yes	Yes
Add on Course on Organic farming	NIL	12/11/2018	15	Yes	Yes

Add on Course on Zero Finance Natural Farming	NIL	06/12/2018	15	Yes	Yes
Add on Course on Mushroom Cultivation	NIL	12/10/2018	15	Yes	Yes
Add on Course on Hindi Bhasha me shudh Vartani ka prayog	Nil	10/10/2018	15	Yes	Yes
Add on Course on Hindi Bhasha me shudh Vartani ka prayog	Nil	05/11/2018	15	Yes	Yes
Add on Course on Hindi Bhasha me shudh Vartani ka prayog	NIL	02/01/2019	15	Yes	Yes
Add on Course relaxing through music: a course on Musical Inst rumentation run with the help of external experts	NIL	04/10/2018	15	Yes	Yes
Add on Course relaxing through music: a course on Musical Inst rumentation run with the help of external experts	Nil	05/12/2018	15	Yes	Yes
Add on course on wo rmicompostin g	NIL	08/09/2018	15	Yes	Yes

Add on course on wormicomposting	NIL	07/12/2018	15	Yes	Yes
Add on course on wormicomposting	NIL	03/02/2019	15	Yes	Yes
Value added course on Benefits of Polyhouse Cultivation	NIL	09/02/2019	15	Yes	Yes
Add on course on Scientific Writing	Nil	16/08/2018	15	Yes	Yes
Add on course on Scientific Writing	NIL	09/02/2019	15	Yes	Yes
Add on Course on Yoga	NIL	24/08/2018	15	Yes	Yes
Add on Course on Yoga	NIL	26/11/2018	15	Yes	Yes
Add on Course on Yoga	NIL	28/12/2018	15	Yes	Yes

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
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### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Botany, Chemistry, Zoology, Mathematics, Physics, CS CA, Bioinformatics, Biotech, Pharma, Economic,	01/07/2018
MSc	Chemistry, Pharmaceutical Chemistry, Maths, Zoology, Botany	01/07/2018

### 1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

Certificate	Diploma Course
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Number of Students

1057

78

**1.3 – Curriculum Enrichment****1.3.1 – Value-added courses imparting transferable and life skills offered during the year**

Value Added Courses	Date of Introduction	Number of Students Enrolled
Bio Membrane models: An Interface with Drug delivery Systems By Dr. Kalpana singh	10/08/2018	21
Bio Membrane models: An Interface with Drug delivery Systems By Dr. Kalpana singh	04/11/2018	30
HPLC and cheminformatics Dr. Kalpana singh	09/03/2019	20
computations and statistical methods in Pharmaceutical Chemistry External Experts Coordinator Dr. Jeeven Singh Solanki	18/07/2018	34
computations and statistical methods in Pharmaceutical Chemistry External Experts Coordinator Dr. Jeeven Singh Solanki	20/09/2018	36
Add on course on NMR applications on Biomolecules Dr. M.K.Makkad	03/02/2019	42
NMR applications on Biomolecules Dr. M.K.Makkad	12/04/2019	48
Sericulture Sh.S.L.Joshi	16/08/2018	36
training for defence services Dr. Rekha Nagwanshi	23/09/2018	52
Organic farming Dr. Jeevan Singh Solanki	12/11/2018	38
<a href="#">View File</a>		

**1.3.2 – Field Projects / Internships under taken during the year**

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Chemistry, Physics, Maths, Zoology, Botany, CS&CA, Bioinformatics, Biotechnology, Economics, Geography, Geology	460

BCA	BCA	30
MSc	Botany	15
MSc	Zoology	25
MSc	Pharmaceutical Chemistry	33
MSc	Mathematics	56
MSc	Chemistry	24
MSc	Applied Microbiology	13
<a href="#">View File</a>		

## 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?  
(maximum 500 words)

Feedback Obtained
<p><b>FEED BACK ANALYSIS PROCESS</b></p> <p><b>1. Introduction :-</b> Feedback is an essential part of all education processes. This feedback gives us very important information about all the processes and aspects of higher education. Feedback clearly and explicitly identifies what needs to be improved in order to solve the problem.</p> <p><b>2. Sample and Tools :-</b> Data is collected through questionnaires by randomly selected students of 6th sem of every faculty. Simple size was selected at whole population (Total numbers of students) of 6th sem students. A sample table is constructed as follows Table -1 Population and sample of 6th sem Program No. Of Student Sample B.Sc(Science) M.Sc (Chemistry) M.Sc (Botany) M.Sc (Zoology) M.Sc (Mathematics) M.Sc (Applied Microbiology) M.Sc (Pharmaceutical Chemistry) Tools :- Two feedback questionnaires are used for the analysis. First(1) Course assessment Questionnaire and Over all rating of programme by students Second(2).Overall rating of different segments.</p> <p><b>3. Analysis and interpretation of the data:-</b> The data analysis through the evolution of feedback scale questionnaire was interpreted on the basis of scoring table. The following table was developed for the statistical analysis of the questionnaire. Table-2 Scoring table to interpret Raw data. Range of Row Scale Percentage On the Scale on ten (Percentile) Interpretation 10 Point 100-90 10-9 Excellent No. Of responses 89-70 8.9-7 Very Good 69-55 6.9-5.5 Average Less Than 55 Less than 5.5 Poor Different Tables were prepared for different legends, Graphical Charts were prepared and the swoc analysis of the program is prepared based upon the data. The feedback is placed in the statutory body for analysis</p>

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
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PG Diploma	PG Diploma in Yoga	70	70	67
PG Diploma	PGCQAM	30	Nil	Nil
MSc	Zoology	50	60	45
MSc	Mathematics	80	86	78
MSc	DRUG AND PHARMA CHEMISTRY	50	36	28
MSc	APPLIED MICRO	30	35	29
MSc	Botany	45	34	34
MSc	Chemistry	50	60	50
BCA	BCA	60	50	45
BSc	Botany Chemistry Zoology Physics Mathematics CS & CA Pharmaceutical chemistry Biotechnology Bioinformatics Electronics Geography Geology	1188	1070	1064

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## 2.2 – Catering to Student Diversity

### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	2478	520	35	1	29

## 2.3 – Teaching - Learning Process

### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
65	45	12	31	15	11

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

TEACHER GUARDIAN SCHEME IMPLEMENTATION THROUGH REGISTER OF MENTEE (ROM) SESSION 2018-19 Institute has a unique Teacher Guardian scheme under which every student has a particular teacher

mentor who monitors the academic performance as well as well-being of the student and communicates regularly with the parents, to apprise them of their ward's performance and other related matters. TG regularly interacts with the student and help them feel comfortable especially when they are fresh in the first year. The name and contact number of the TG's are communicated to the parents, through students so that they can interact for any assistance and information desired. In addition there is a Counsellor who can assist students if they are facing stress and are getting mentally disturbed. Teacher guardians make a dedicated Register Of Mentee and enters all the mentee related information in that register. Parents are encouraged to write problems faced by their wards in the specified columns. Mentee also make themselves visible through Register of mentee (ROM). ROM helps in keeping the information intact and easily available as and when required. Mentee are in contact with the same mentor for 3 years, this makes them comfortable with the teacher and also help teacher in identification of specific problems related to mentee. Parent Teacher meet is a regular practice adopted by the teacher guardian cell. An exhaustive feedback is taken during the parent teacher meet and analysed. Feedback is kept in the statutory body also. Salient Features: • Six monthly meetings • Approximately 50 students clubbed with each teacher guardian • Strong Feedback mechanism

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2998	65	1:46

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
24	24	Nil	24	3

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Shehla Ishaque	Professor	Recognition Bacillus subterraneus strain KI1 16S ribosomal RNA gene, partial sequence. ACCESSION No. MH920313.1 Provided by NCBI
2019	Dr. Shehla Ishaque	Professor	Escherichia coli strain RvU1 16S ribosomal RNA gene, partial sequence ACCESSION MH005028.1 Provided by NCBI
2019	Dr. Kalpana Singh	Professor	Member Quality in Higher Education committee by DHE Govt. of M.P.
2019	Dr. H.S. Dwivedi	Professor	Nodal Officer CPCT Ujjain
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## 2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MSc	C044	Ist sem	08/01/2019	09/04/2019
MSc	C053	1 sem	08/01/2019	05/04/2019
MSc	C043	1 sem	08/01/2019	01/04/2019
MSc	C056	1 sem	08/01/2019	12/04/2019
MSc	C050	1 sem	08/01/2019	01/04/2019
MSc	C051	1 sem	08/01/2019	01/04/2019
MSc	C044	2 sem	21/06/2019	24/09/2019
MSc	C053	2 sem	21/06/2019	12/09/2019
MSc	C043	2 sem	19/06/2019	12/09/2019
MSc	C056	2 sem	19/06/2019	24/09/2019

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

REFORMS INITIATED ON CONTINUOUS INTERNAL EVALUATION SYSTEM AT THE INSTITUTIONAL LEVEL. Evaluation is fundamental to assess the learning outcome of teaching and this positively determines the extent to which the learning objectives are realized. Evaluation help learner to improve his/her achievement scholastic as well as co scholastic. Continuous and comprehensive Evaluation at institutional level covers all aspects of student development and not only focuses on rot theoretical learning. CCE accounts for 15 of the total marks per subject.

Following are the CCE modes which can be used for Internal evaluation. Following modes are used for UG Classes Assignment Chart Objective Test Semi Surprise Test Mock Test Short Answer type Questions Library Reading Poster Questionnaire Role play PPT Following modes are used for PG Classes Book Review/ Bibliography Report writing PPT Research Paper Writing Field Projects Auto Biography Class Room Teaching Open Book System test Assignment Chart Objective Test Semi Surprise Test Mock Test Short Answer type Questions Library Reading Poster College prepares a Comprehensive calendar For CCE and sticks to that. Different CCE modes are adopted for different courses during the complete tenure of the program. Modes are chosen to help student improve Scholastic and Co scholastic aspect thereby enhancing the overall personality of the student.

Class/ program UG Mode Class/ program PG Mode B.Sc. I Year Objective test PG I/II Semi Surprise Test Mock Test Short Answer type Questions Book Review / Bibliography Assignment PG V/VI Research Paper writing Field Project PPT/ Assignment Semi surprise test Modes per class which are based upon tests are evaluated depending upon the evaluation method declared like open book or closed book type. All other modes have participation of students in evaluation too. Evaluated answer sheets are shown to students and if there are grievances they are attended. Online CCE marks are entered only after CCE Report sheets are duly signed by the students. Mock Test Poster B.Sc II Year Chart Short answer type Assignment PPT B.Sc III Year Role play Poster Assignment

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Academic Calendar is provided by the Department of Higher Education Govt. Of M.P. prior to the beginning of Academic year. Academic calendar has provisions



for conducting theory classes, CCE , practical exams, end semester exams, Sports activities, Cultural activities, youth festival Semester break and summer holidays. There is admission cell, academic council as well as examination cell in the college which takes care of the implementation of academic calendar in the college. College strictly adheres to the academic calendar and organizes all the activities within the provided schedule. Teachers prepare and exhibit lesson plan on the notice board to acquaint students with the curricular plan defined in the academic calendar, a prior notification of the plan of the syllabus to be completed, teaching methodology to be adopted by the specific teacher and evaluation method to be used is notified to the students through lesson plan. College releases it's own calendar for different activities in synchronization with the academic calendar. Sports Calendar EAT Module(Excellence Acquisition Tenure) Career activities Calendar CCE Schedule Calendar Practical Exam Calendar Examination schedule is prepared and declared by the university for the whole university jurisdiction. University also notifies about the online entry of marks to be completed by the college viz CCE marks and practical marks.

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

[https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0\\_25abe661ebdd47ed9d187ef13162e1e0.pdf](https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_25abe661ebdd47ed9d187ef13162e1e0.pdf)

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
C044	MSc	Chemistry	24	24	100%
C030	BCA	Computer Science	39	39	100%
C053	MSc	Pharmaceutical Chemistry	33	33	100%
C050	MSc	Mathematics	62	56	90%
C043	MSc	Botany	15	15	100%
C056	MSc	Zoology	25	25	100%
C051	MSc	Applied Microbiology	13	13	100%
file:///C:/Users/hp/Desktop/ccbcb0_43872ca31d6146dd833e338de82e988a.pdf	BSc	Biotechnology, Chemistry, Pharmaceutical Chemistry, Zoology, Botany, Bioinformatics, Microbiology	543	477	87.84%

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## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

[https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0\\_2a75ac1cdc134f309e51442c4f67c67b.pdf](https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_2a75ac1cdc134f309e51442c4f67c67b.pdf)

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Students Research Projects (Other than compulsory by the University)	270	Govt. Madhav Science P.G. College Ujjain	0	0

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### 3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Seminar Lecture on: Entomology (pest management ) and Environmental Biology by Dr. NP Singh Ret. Prof. UGC Executive Fellow, Department of Zoology University of Rajasthan Jaipur	Department of Zoology	24/11/2018
Seminar Lecture on Developmental Biology and Hepatology : Growing Concerns of Medicine Industry by Prof. K.K. Sharma Wild Life Expert Ex V.C. MDS University Ajmer	Department of Zoology	27/12/2018
Seminar Lecture on : Environmental Pollution and Management by Dr. Jaswant Singh Dept. of Environmental Science Dr. RML Awadh University , Faisabad U.P.	Department of Zoology	16/01/2019
Seminar Lecture on : Animal Physiology and Animal farming industry by Dr. SB Zade Prof. Dept. of Zoology RTM	Department of Zoology	29/01/2019

Nagpur University Nagpur		
Seminar Lecture on : Fisheries a growing industry by Dr. Ravindra Kanheri Prof. and VC IGNOU Delhi	Department of Zoology	05/04/2019
Seminar Lecture on : Dr. M. Ishaque Immunology and Growing Concerns Ret. Prof. Zoology and Retd. P.G. Principal	Department of Zoology	24/06/2019
Seminar Lecture on : commissioning and validation, Scale-up, Downstream processing of Pharmaceutical Plants by Prof. Tushar Banerjee Prof. DAVV Indore	Department of Microbiology	27/06/2019
Seminar Lecture on : Computer Language and Programming Dr. Ramji Yadav ( S.S. In Computer Science, VU Ujjain )	Department of BCA	01/04/2019
Seminar Lecture on : Computer Language and Programming Dr. Ramji Yadav ( S.S. In Computer Science, VU Ujjain )	Department of BCA	28/05/2019
Seminar Lecture on: Statistical Tools and Application in Analysis by Dr. Pravin Gupta (S.S. In Statistics, VU Ujjain )	Department of Statistics	08/04/2019
Seminar on Mass Spectrometry Dr. B. K. Mehta (S.S. In Chemistry, VU Ujjain )	Department of Chemistry	24/07/2019
Young Scientist Dialogue	P.G. Department of chemistry and Pharma chemistry (Sponsored by MPCST )	28/09/2018
Workshop " Recent Trends in Spectroscopic and chromatographic techniques"	P.G. Department of chemistry and Pharma chemistry	03/02/2019
Workshop on Chemo informatics	P.G. Department of chemistry and Pharma chemistry	05/04/2019
Workshop on Instrumentation with special reference to Mos	P.G. Department of chemistry and Pharma chemistry	08/12/2018
Seminar Lecture 01 On	Department of Botany	09/04/2019

Green Technologies and Green Roofs Dr. Harish Vyas		
Seminar Lecture 02 On Green Technologies and Green Roofs Dr. R. M. Shukla (Retired Professor) Ujjain	Department of Botany	13/05/2019
Seminar Lecture on Colorant and Dyes in Food Industry Dr. V.K. Mishra (Govt. P.G. College Ratlam)	Department of Chemistry	22/04/2019
Seminar on Mass Spectrometry Dr. B. K. Mehta (S.S. In Chemistry, VU Ujjain )	Department of Chemistry	21/05/2019
Seminar on Importance of Chemistry in Career opportunities in Industry. Dr. Anamika Jain (Govt. Holkar Science College Indore) Dr. Arpana Gandhe (Govt. Holkar Science College Indore)	Department of Chemistry	04/06/2019
Seminar Lecture on UV and Electronics Spectroscopy Dr. Saurab Mukti Bodh(Govt. Girls PG College Indore)	Department of Chemistry	24/06/2019
Seminar Lecture on Nano Structured Photo catalyst and their Applications Lecture by Prof. H.C. Patel Saurashtra University Rajkot	Department of Chemistry	16/08/2018
Seminar Lecture on Protecting Environment Through Anthropogenic Activities Dr. R.C. Verma( S.S. In Botany, VU Ujjain )	Department of Biotechnology	11/04/2019
Seminar Lecture on Biotechnologically Modified Crops. Dr. D.M. Kumawat( S.S. In IEMPS, VU Ujjain )	Department of Biotechnology	14/05/2019
Seminar Lecture on Photocatalytic dyes with Special Reference to Toluidine Blue Lecture by Professor Kailash Daga JNV University Jodhpur	Department of Chemistry	24/08/2018

Seminar Lecture on Application of Nano Composites for Photo catalytic Degradation of Dyes Lecture by Dr. Pinky Bala Panjabi MS University Udaipur	Department of Chemistry	27/08/2018
Seminar Lecture on Solar Light Induced Photo catalytic Degradation Pesticides Lecture by Prof. R.C. Morya Rani Dugrawati University Jabalpur	Department of Chemistry	30/08/2018
Seminar Lecture on: "Wild Life and Environmental Legislation: and Impact on wild life By Prof. K.K. Sharma Wild Life Expert Ex V.C. MDS University Ajmer	Department of Zoology	04/07/2018

### 3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	01/12/2019	NIL
No file uploaded.				

### 3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
01	Swavlamban	Janbhagidari samiti	NIL	NIL	01/06/2018
No file uploaded.					

## 3.3 – Research Publications and Awards

### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

### 3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
CHEMISTRY	6
Botany	1
Zoology	5

### 3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	CHEMISTRY	9	2.54
International	Botany	5	2.54

International	Zoology	7	2.54
International	Physics	1	2.54
International	English	3	2.54
International	Biotech	3	2.54
International	Geology	1	2.54
International	Maths	1	2.54
No file uploaded.			

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Chemistry	17
Botany	8
Zoology	4
Physics	3
Parma Chemistry	7
CS CA	2
Biotechnology	4
Statistics	4
Bioinformatics	2
No file uploaded.	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Pharmacological Evaluation, Phytochemical Screening Analytical Profiling of Various Extracts of Clerodendron serratum: An Medicinal Herb	Dr. Pinky Dwivedi	International Journal of Ayurved and Pharma Chemistry IJAPC2018	2018	0	Govt. Madhav Science P.G. College Ujjain	Nil
A colorimetric nanoprobe based on enzyme-immuno	Dr. Rekha Nagwanshi	RSC Advances 2019, 9, 4 2085-42095	2018	0	Govt. Madhav Science P.G. College	Nil

bilized silver nanoparticles for the efficient detection of cholesterol					Ujjain	
Micellar accelerated hydrolysis of organophosphate and thiophosphates by pyridine oximate	Dr. Rekha Nagwanshi	International Journal of Chemical Kinetics 2018, 50,827-835	2018	1	Govt. Madhav Science P.G. College Ujjain	1
A carbon quantum dot-gold nanoparticle system as a probe for the inhibition and reactivation of acetylcholinesterase : detection of pesticides	Dr. Rekha Nagwanshi	New Journal of Chemistry 2019, 43, 6874-6882	2018	11	Govt. Madhav Science P.G. College Ujjain	11
Gold nanoprobe for inhibition and reactivation of acetylcholinesterase : an application to detection of organophosphorus pesticides	Dr. Rekha Nagwanshi	Sensors and Actuators B: Chemical 2018, 267, 155-164	2018	20	Govt. Madhav Science P.G. College Ujjain	20
Extracts of Ailanthus excels an Essential Medicine in	Dr. Pinky Dwivedi	Journal of Drug delivery and therapeutics JDDT 2019	2018	0	Govt. Madhav Science P.G. College Ujjain	Nil

Ayurveda Pharmacological evaluation and preliminary screening of phytochemicals						
Study on the Source of Some Wild Threatened Ethno-Medicinal Plant Species as Therapy of Diverse Human Diseases in Simaiya Province of Mandla District (M.P.)	Dr. K.P. Sahu	Online International Interdisciplinary Research Journal, { Bi-Monthly}, ISSN 2249-9598, Volume-08, Issue-04, July-Aug Issue Pp71-84	2018	0	Govt. Madhav Science P.G. College Ujjain	Nil
Cultural , Linguistic and Social Resistance in JhumpaL ahiri's "In Other Words.	Prof. Hemant Gahlot	SETU ISSN 2475-1359	2018	0	Govt. Madhav Science P.G. College Ujjain	Nil
Seasonal Diversity of Phytoplankton in Relation to Seasonal Changes in Physiochemical parameters of Khedi Dam	Dr. Seema Trivedi	International Journal of Pure and Applied Bio Sciences ISSN 2320-7051	2018	0	Govt. Madhav Science P.G. College Ujjain	Nil
Seasonal Variations in Physico-Chemical Parameters of Dholawad	Dr. Seema Trivedi	Intl. Journal of Fundamental Applied Research PP 20-24, Vol. 5,	2018	0	Govt. Madhav Science P.G. College Ujjain	Nil



Dam of Ratlam District (M.P.)	Issue 67, ISSN 2320-7973.			
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Prevalence and Antimicrobial susceptibility of nasal carriage of Staphylococcus aureus in anganwaris children in Ujjain (M.P.) Published in European journal of Biomedical and pharmaceutical sciences volume 5 ,issue 2 Feb 2018	Dr. Shobha Shouche	Journal of Entomology and Zoology Studies E-2320-7078P -2349-6800	2018	5	Nil	Govt. Madhav Science P.G. College Ujjain
Article -Bioinformatics and Horticulture Published in Horticulture international journal volume2 ,issue1, Jan22 2018	Dr. Shobha Shouche	Horticulture International Journal 2576-4462	2018	5	23	Govt. Madhav Science P.G. College Ujjain
Cultural , Linguistic and Social Resistance in JhumpaL	Prof. Hemant Gahlot	SETU ISSN 2475-1359	2018	2	Nil	Govt. Madhav Science P.G. College Ujjain

ahiri's "In Other Words.						
Study on the Source of Some Wild Threatened Ethno- Medicinal Plant Species as Therapy of Diverse Human Diseases in Simaiya Province of Mandla District (M.P.)	Dr. K.P. Sahu	Online I nternation al Interdi sciplinary Research Journal, { Bi- Monthly}, ISSN 2249-9598, Volume-08, Issue-04, July-Aug Issue Pp71-84	2018	2	Nil	Govt. Madhav Science P.G. College Ujjain
Extracts of Ailanthus excels an Essential Medicine in Ayurveda P harmacolog ical evaluation and prelim inary screening of phytoch emicals	Dr. Pinky Dwivedi	Journal of Drug delivery and therap eutics JDDT 2019	2018	3	Nil	Govt. Madhav Science P.G. College Ujjain
Pharmaco logical Ev aluation, Phytochemi cal Screening Analytical Profiling of Various Extracts of Clerode ndron serratum: An Medicinal Herb	Dr. Pinky Dwivedi	Internat ional Journal of Ayurved and Pharma Chemistry IJAPC2018	2018	3	Nil	Govt. Madhav Science P.G. College Ujjain
A colori metric nanoprobe	Dr. Rekha Nagwanshi	RSC Advances 2019, 9, 4	2018	8	Nil	Govt. Madhav Science

based on enzyme-immobilized silver nanoparticles for the efficient detection of cholesterol		2085-42095				P.G. College Ujjain
Micellar accelerated hydrolysis of organophosphate and thiophosphates by pyridine oximate	Dr. Rekha Nagwanshi	International Journal of Chemical Kinetics 2018, 50,827-835	2018	8	1	Govt. Madhav Science P.G. College Ujjain
A carbon quantum dot-gold nanoparticle system as a probe for the inhibition and reactivation of acetylcholinesterase : detection of pesticides	Dr. Rekha Nagwanshi	New Journal of Chemistry 2019, 43, 6874-6882	2018	8	11	Govt. Madhav Science P.G. College Ujjain
Gold nanoprobe for inhibition and reactivation of acetylcholinesterase : an application to detection of organophosphorus pesticides	Dr. Rekha Nagwanshi	Sensors and Actuators B: Chemical 2018, 267, 155-164	2018	8	20	Govt. Madhav Science P.G. College Ujjain
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local

Attended/Seminars/Workshops	6	44	Nil	Nil
Presented papers	10	19	Nil	Nil
No file uploaded.				

### 3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Trees our friends 10th-11th August 2018	Community awareness programme in adopted village NSS and EPCO Chapter college EEHSaS Flagship Programme	5	46
Environmental awareness Rally 12th August 2018	EPCO Flagship programme EEHSaS	5	22
Plantation 15th August 2018	Plantation at College	4	85
SVEEP plan Meeting 25-08-2018	Govt. Madhav Science College Ujjain (Unit 01) DEO Ujjain	2	3
SVEEP ACTIVITIES Spreading awareness about voting among female voters Pink polling booths, 27/08/2018 to 30/08/2018	Govt. Madhav Science PG College ujjain in collaboration with election office Ujjain Flagship Programme Ananya	15	48
Mile Banche Madhya Pradesh (31-08-2018)	Govt. Madhav Science College Ujjain (Unit 01)	1	12
Mitti ke Ganesh workshop 7th September 8th September 2018	In collaboration with ECO Club and EPCO Flagship programme ViSTAR	2	32
NSS Dist. Level Orientation program (08-09-2018)	Govt. Madhav Science College Ujjain	1	2
Booth Awareness camp (11-09-2018)	Govt. Madhav Science College Ujjain DEO Ujjain	8	150
Ozone Day 16/09/2018	ECO club EPCO PURE	9	63

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
For Outstanding Contribution in Cultural and Co-curricular activities on behalf of Vikram University Ujjain	Vikram Pratibha Samman	Vikram University Ujjain	13
National service scheme National award	Ku. Meharan Jafri recognized by NSS national award	Govt. of indian (Ministry of youth affairs and sports) Date of award 24-09-2020	1
TSC camp	Jitendra Pancholi - Gold Medal for Map reading during AITSC	DG NCC Delhi	1
NIC camp	DG NCC Delh	DG NCC Delhi	2
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Helium Scarcity awareness Oct. 21-27 2018	NSS Flagship programme PRIDE	Rashtriya Ekta diwas Remembring Sardar Patel	6	56
Mahatma Gandhi Jayanti program (Clean the campus and University) (02-10-2018)	Govt. Madhav Science College Ujjain Flagship programme EEHSaS	Clean the campus and University	4	30
Mitti ke Ganesh workshop 7th September 8th September 2018	In collaboration with ECO Club and EPCO Flagship programme ViSTAR	Made Mitti ke Ganesh	2	32
Environmental awareness Rally	EPCO Flagship programme EEHSaS	Environmental awareness	5	22
Trees our friends	Community awareness programme in adopted village NSS and EPCO Chapter college	Community awareness programme in adopted village NSS and EPCO Chapter college	5	46

	EEHSaS Flagship Programme			
International Yoga Day 21/06/2018	NSS NCC	Yoga	4	62
World AIDS Day	NCC NSS	Awareness rally	14	115
Ozone Day 16/09/2018	ECO club EPCO PURE	Lecture on Ozone	9	63
Plantation 15th August 2018	NSS NCC	Plantation in campus	4	85
SVEEP ACTIVITIES	Govt. Madhav Science PG College ujjain in collaboration with election office Ujjain Flagship Programme Ananya	awareness about voting among female voters, Pink polling booths,	15	48
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### 3.5 – Collaborations

#### 3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Faculty Exchange program among Cluster colleges, training on Instrumentation by MPCST	04	Janabhagidari	2
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#### 3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
For holistic development of students through value based education	Holistic development through value education	Yoga life society Ujjain	01/07/2018	01/07/2019	45
Academic	Research Collaboration	Surya Group of	01/07/2018	30/06/2019	65

		Companies GIDC Ankleshwar Gujrat			
Academic	Training / project capacity building	PGTECH Research Institution Indore	01/07/2018	30/06/2019	80
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
AZURE Power Rooft Top five Pvt. Limt. IIIrd Flor Aero City new Delhi	28/09/2018	Power Purchase Agreement for Procurement of 20 kWp Solar Power on long term basis (Under RESCO Model)	25
Surya Group of Companies GIDC Ankleshwar Gujrat	01/07/2018	Research Collaboration and carrying out Dissertation	65
Ujjain Yoga life Society	01/07/2018	Holistic development of students through value based education	62
PGTECH Research Institution Indore	01/07/2018	Training/ workshops/ Projects/knowledge sharing	80
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#### **CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES**

##### **4.1 – Physical Facilities**

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
9	9
17.08	17.08
3.5	3.5
3.79	3.79
2.26	2.26
14.47	14.47
0.52	0.52
2.65	1.56
50	45

#### 4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Others	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Others	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
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#### 4.2 – Library as a Learning Resource

##### 4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
SOUL	Partially	SOUL 1.0	2014

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	33316	19552592	1200	1447500	34516	21000092
Reference Books	12885	3827345	1528	212290	14413	4039635
e-Books	3523	Nil	500	Nil	4023	Nil
Journals	12	Nil	Nil	Nil	12	Nil
e-Journals	195	Nil	25	Nil	220	Nil
Digital Database	2165	Nil	15	Nil	2180	Nil
CD & Video	478	Nil	Nil	Nil	478	Nil
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##### 4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under



Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. Kalpana Singh	E- Manual Physical Practical	Online	01/01/2019
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#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	127	2	7	8	1	2	15	4	0
Added	2	0	3	4	0	0	0	2	0
<b>Total</b>	<b>129</b>	<b>2</b>	<b>10</b>	<b>12</b>	<b>1</b>	<b>2</b>	<b>15</b>	<b>6</b>	<b>0</b>

##### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS
----------------

##### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Govt. Madhav Science P.G. College Ujjain	<a href="https://www.youtube.com/watch?v=4GfxLz1C5aM">https://www.youtube.com/watch?v=4GfxLz1C5aM</a>
Govt. Madhav Science P.G. College Ujjain	<a href="https://www.youtube.com/watch?v=_7WyadXZiiw">https://www.youtube.com/watch?v=_7WyadXZiiw</a>

#### 4.4 – Maintenance of Campus Infrastructure

##### 4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
1.03	1.03	93.87	88.87

##### 4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

PROCEDURES AND POLICIES FOR MAINTAINING AND UTILIZING PHYSICAL, ACADEMIC AND SUPPORT FACILITIES - LABORATORY, LIBRARY, SPORTS COMPLEX, COMPUTERS, CLASSROOMS ETC. The physical, academic and support facilities in college are well maintained and augmented through well chartered procedures and policies, the optimum utilization of all these facilities to the maximum benefit of students as well as teaching and non-teaching staff lies in the core of constitution of these policies. There are different committees to take care of different facilities. 1. LIBRARY: College has a well-developed library with two sections. One section is utilized for reading lending and borrowing of books, this has

reprographic facility. There is a librarian and library committee which seeks suggestions from the teachers for purchase of books through HOD. Library committee completes the physical verification of Library by 31st March of every year and recommends the books for writing off. Library committee also takes care of the maintenance of library by fumigation and anti-termite treatment every year. Second section is dedicated to e library it has 30 computers connected in a Lan to a server. NLIST ID and password is provided to all teachers .Registers are kept in the manual section as well as in e library to record the footfall of students as well as teachers. All PG departments have their own departmental library ILS (Interlibrary services) are well practiced through central library, this helps research scholars of different departments in their interdisciplinary research, 2. LABORATORY: Laboratories are developed and maintained by the respective departments. Equipments are purchased and maintained as per the need of the particular departments. There is a purchase committee which takes care of the purchase related affairs as per the purchase rules provided by DHE and Gross financial rules published by the govt. from time to time. College has separate UG and PG laboratories to address specific demands of UG and PG students, there is an advanced instrumentation Research Lab in the college with sophisticated advanced equipment like IR (Brooker alpha) , UV (Lab India), Microwave Synthesis, Incubation chambers, HPLC, PCR, GELDOC etc. This laboratory is operated under the guidance of a senior professor, certified Laboratory Technician is appointed in the laboratory to operate and maintain equipments. Laboratory provides opportunity to all the research scholars and faculty of the college to work on the sophisticated equipments. Research scholars from outside the college are also permitted to work on the equipments after taking permissions from the competent authority. A register is prepared where all the usages are recorded. Interdepartmental use of Laboratories and classrooms is always permitted and encouraged. 3. COMPUTERS: College has 2 computer laboratories developed and maintained by department of Computer science and computer application, along with e library and individual computers in the departments. These computer labs are maintained by the self-finance budget of Janabhidari, and utilized

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## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	NA	0	0
Financial Support from Other Sources			
a) National	Inspire	2	160000
b) International	NA	Nil	0

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#### 5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Interdisciplinary course on Synthetic Chemistry	14/12/2018	28	PGTECH Indore MOU partner

Procedures			
Interdisciplinary Course on Instrumentation	06/11/2018	40	Dr. Kalpana Singh PGTECH Indore MOU partner
Basic Computer Skills program for Non Computer Stream Students	12/08/2018	60	In house activity by College Teachers
Bridge classes for B.Sc.II Year For Interdisciplinary know how	01/07/2018	252	In house program by the Regular Teachers itself
Development of Communication Skills Spoken Tutorials in Hindi Bhasha Sudhar Karyashala	15/11/2018	56	Dr. Shashi Joshi Professor Hindi Govt. Madhav Science PG College Ujjain
Development of Communication Skills Spoken Tutorials in English	12/10/2018	68	Dr. Manikant Professor of English Govt. Madhav Science PG College Ujjain
Skill development Under Vivekanand Career Guidance cell cooking and Baking	27/08/2018	18	Perfect Cooking Classes, Ujjain
Skill development Under Vivekanand Career Guidance cell Organic Farming	27/08/2018	71	CEDMAP, Ujjain
Skill development Under Vivekanand Career Guidance cell Entrepreneurship Development	22/08/2018	104	CEDMAP, Ujjain
<a href="#">View File</a>			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	National Defence Academy Naval	63	Nil	Nil	376

	Academy Examination				
2018	Future and Scopes of Bioinformatics	Nil	80	Nil	Nil
2018	Guidance for Banking exams Clerical as well as PO	34	Nil	Nil	Nil
2018	Guidance for UPSC EXAMS	26	Nil	Nil	Nil
2018	PREPARING FOR Management exams	54	Nil	Nil	Nil
2018	CSIR NET Classes in Chemistry	28	Nil	Nil	Nil
2018	JAM Entrance test	26	Nil	Nil	Nil
2018	Indian Statistical Service Examination	12	Nil	Nil	Nil
2018	BOOKLET on Career Guidance Released by the college	Nil	400	Nil	Nil
2018	Career guidance on Digital Marketing	Nil	26	Nil	Nil
<a href="#">View File</a>					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
4	4	5

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
EWAY Indore/	309	40	LUPIN, Bochem,	22	13

Ripples  
Advisory  
Pvt. Ltd.  
Indore

Healthcare,  
Parenteral  
Drugs  
Limited,  
UPL, Wonder  
Cement,  
IPCA, Shriji  
Polymers  
(India)  
Ltd., Jay  
Formulation  
Ltd.  
Ahmedabad,  
Abhishek  
Corporate  
Services  
Ltd, Jio  
Center,  
Computer  
Centre,

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	4	B.Sc. Program, Govt. Madhav Science P.G. College Ujjain	Chemistry Botany Zoology Phar maceutical chemistry	Govt. Madhav Science P.G. College Ujjain	M.Sc. Zoology
2019	19	B.Sc. Program, Govt. Madhav Science P.G. College Ujjain	Information Technology	Govt. Madhav Science P.G. College Ujjain	M.Sc. Maths
2019	1	B.Sc. Program, Govt. Madhav Science P.G. College Ujjain	Biotechnol ogy	Department of Biotechno logy Vikram University Ujjain	M.Sc. Biot echnology
2019	18	B.Sc. Program, Govt. Madhav Science P.G. College Ujjain	Bioinforma tics Biotech nology Pharm aceutical Chemistry	Govt. Madhav Science P.G. College Ujjain	M.Sc. Phar maceutical chemistry
2019	4	B.Sc. Program, Govt. Madhav Science P.G.	Computer Application Electronics	DAVV, Indore	M.Sc. Statistics

		College Ujjain			
2019	21	B.Sc. Program, Govt. Madhav Science P.G. College Ujjain	Information Technology Zoology Botany Chemistry	Govt. Madhav Arts and Commerce College Ujjain	M.A.
2019	2	B.Sc. Program, Govt. Madhav Science P.G. College Ujjain	Computer Application Zoology Botany Chemistry Computer Science	Madhav Law College, Ujjain	LLB
2019	5	B.Sc. Program, Govt. Madhav Science P.G. College Ujjain	Bioinformatics Computer science Computer science	Bhartiya Gyan peeth ujjain Malwa computer coaching, Agar Maharshi University	PGDCA
2019	12	B.Sc. Program, Govt. Madhav Science P.G. College Ujjain	Physics Mathematics Computer Science	National institute of technology, Tiruchirappalli	MCA
2019	14	B.Sc. Program, Govt. Madhav Science P.G. College Ujjain	Computer Application Zoology Botany Chemistry	Prashanti College	MBA

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
SET	2
Any Other	1
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Mimicry	Institution Level	5
Quiz	Institution Level	3
mine	Institution level, District Level	5
Debate	District Level	2

Debate 12/02/2018	Institution Level	2
SOLO Singing(western)	District Level	1
Music Group Classical	District level, University Level	6
Music Solo Classical	District Level	1
Music Vocal Group Song western	District Level	5
Music Vocal solo Indian	District Level	1
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### 5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Essay Writing (Shri Ram Chandra Mission United Nations In formation Centre and the Heartfulness Education Trust) Ninth Prize	National	Nil	1	V16R1660 50749	Mr. Shlokam Sh rivastava

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Student Council is the main student organization present on the Higher Education campuses with the purpose of providing services to students and acts like a bridge between the Students and Governing body of the college. Generally Students council is an elected body having students from all fields, Since 2006 indirect method of election as per Supreme Court's order on the implementation of the Lyngdoh Committee report are franchised in the state, however due to some administrative decisions affiliated to the Department of Higher education Govt. of M.P. Student council elections are held in the state in 2017-18 after a long halt. Students are the members of all committees and participate in decision making, being one of the most important stakeholder. Students have their say in the financial decisions also as 2 students are the members of Amalgamated fund committee. Two students are members of IQAC also. Other committees also have student representations. Students are in the steering seat for organization of Annual Function and youth festival. Every committee has a teacher coordinator as well student coordinator. Students are also in the Editorial board of the Pragya the college Magazine. Committees with active participation of students are ? Amalgamated Fund ? Internal Quality Assurance Cell ? Sports ? Cultural and Literature club and Committee ? Pragya College

Magazine Editorial Board ? Science Association ? Annual Function and Youth festival ? Alumni Association ? Anti-Ragging ? Discipline Committee.

## 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Alumni Association of the college is christened as '?????????' it works towards the development of the college hand in hand with the college administration. Association has many dignified alumni registered as members which includes hon. Minister of Higher education Sh. Mohan Yadav, Air Marshal Pradeep Bapat PVSM, Dr. Ram Rajesh Mishr EX VC RDVV Jabalpur, Dr. Arun Prakash VC Jagaran University and many Beuractes. Alumni association is active since long but registered recently under the Society Registration act 1973 at Ujjain with registration number 07/33/01/1659/20. Office Bearers are - • Dr. Mohan Yadav • Air Marshal Pradeep Bapat PVSM, VSM • Sh. Ravi Prakash Langer • Sh. Manoj Sharma • Sh. Ashutosh Misra • Sh. Chandrahas Dubey • Sh. Ram Rajesh Mishr President - • Sh. Vijay Ushaliya Vice President - • Sh. Ajay Tikku • Smr. Ulka Yadav • Sh. Mohammad Siddiqui Secretary - • Sh. Sanjay Sharma Joint Secretary- • Sh. Aseem Jindal • Sh. Ranjeet Singh Arora Treasure - • Sh. Dr. Sanjay Sharma

**OBJECTIVES OF ALUMNI ASSOCIATION:** To establish and maintain contact between past and present students through various activities To establish interaction with Industry for the benefit of students To extend financial support to the needy and deserving students To Extend counselling (career as well as personal) support to present students

**CURRENT ACTIVITIES OF ALUMNI ASSOCIATION INCLUDE**

1. Alumni association organizes career guidance classes, these classes are organized by alumni themselves as they are in reputed positions in Banks and administration. Alumni have also created whatsapp steady groups for career counselling. Following are the activities taken during 2015-16 to 2019-20
2. Endowments to the college Endowments in the form of equipments, furniture and books are provided by the Alumni to college, this includes highend equipments, text books for UG and PG Students, Reference books for PG Students and research scholars and furniture for the departmental usage
3. Financial Support to the College Financial support of Rs. 1,50,000/- was provided to the college in the year 2019-20
4. Financial support to the students Financial Support in the form of fee payment is provided to the students by alumni. Applications are invited by the association and eligible candidates are awarded financial support.
5. Managing database of old students. Alumni association has taken up this very important task of managing database of old students where the focus is on fresh passout alumni as well on old students. This helps in providing career opportunities to the fresh passing out alumni
6. Arranging for placement drives and Mock interviews.

5.4.2 – No. of enrolled Alumni:

6750

5.4.3 – Alumni contribution during the year (in Rupees) :

860900

5.4.4 – Meetings/activities organized by Alumni Association :

03

## CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)



Committees with Faculty and Student Participation for administrative work and conduction of examination Participative management and decentralization of management is ensured through various committees which have members from faculty as well students. There are administrative, academic , sports , extension and co-curricular committees headed by coordinators or HODs. These coordinators and HODs are respectively responsible for calling meetings of their corresponding committees and have full power to take decisions in the presence of principal. Staff Council is responsible to take policy decisions and every staff member has his/her say in the staff council. Important committees like RUSA and Janabhagidari has nodal officer along with other members to take care of related administrative work. Internal Examination cell prepares the calendar for CCE and Practical Exams dates are decided through a well chartered procedure, Departmental meetings are organized by HODs to decide upon the dates , HOD communicates these agreed upon dates in the meeting called by examination Cell In charge and the calendar is prepared and communicated to all departments after signature by the principal. Scholarship Disbursal: Scholarship form forwarding and disbursal is one of the most cumbersome and diligent task, executed by the college administration. 90 of the college students get Scholarships/ awards or benefits under one or the other schemes which includes Post Matric SC, ST, OBC, Gaon ki Beti, Pratibha Kiran, Awaas Yojna, Awagaman Yojna, Vikramaditya, Central Sector, Aggregated Scheme etc. This Year a nodal officer was appointed amongst the faculty not less than the designation of Associate Professor to take care of these schemes. Different subcommittees are constituted under Nodal officer for different scholarships. There are members from class III section also. Different teams were made for Form forwarding, Form Collection and then finally forms are approved by the principal and sent online to respective scholarship providing organizations for scholarship sanction to students. Form Forwarding officers are faculty which are notified through meetings and formats about the important documents to be submitted with scholarship forms. The participative management applied to scholarship disbursal has reduced the time required in the whole procedure, This made it possible to disburse scholarships on time.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

## 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Industry Interaction / Collaboration	Through RD workshops / consortium participation MOU signed with Industry for Research/ Internship / trainings Industry Catalysed Lectures IQAC meetings having due participation of industry personnel
Human Resource Management	Human Resource is managed by the Department of Higher education Govt. of M.P. Permanent appointments lies in the domain of DHE only. Department advertises the vacancies and provides appointment after following due defined procedure through Vyapam or PSC. DHE arranges for the guest faculty against vacant teaching posts. The process is online and there is a chartered mechanism for this Guest faculty for

self finance subjects are appointed through advertisement as per process chalked out by the DHE For Assistant Professors [https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0\\_2e53e783061848609530db6ddbcd6975.pdf](https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_2e53e783061848609530db6ddbcd6975.pdf)  
For Guest Faculty [https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0\\_28ce5e333717473d89077eb12d93a8ec.pdf](https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_28ce5e333717473d89077eb12d93a8ec.pdf)

Library, ICT and Physical Infrastructure / Instrumentation

College Library is automated through SOUL software. College has NLIST membership and teachers can use NLIST. College has e library with 30 computers. E library provides access to educational websites and e content. Library has partial open access and provides for reprographic facility. Library operating hours are from 10.00 a.m to 6.00p.m. in the regular working days and from 8.00 a.m. to 7.00 p.m. in the examination days. College librarian helps students in lending and borrowing books from the library. PG department have their own libraries which are looked after by the faculty of the department.

Research and Development

College is recognized research centre in 04 subjects Botany, Zoology, Chemistry and Maths. 12 professors are research supervisors in these 04 subjects 44 students are registered for Ph.D. under these research supervisors 13 Ph.Ds are awarded. Apart from these teachers Dr. R.K.Neema Professor Economics and Principal of the college Dr Usha Shrivastava professor Political Science are also recognised guides with research centres at other centres. College has a research and development cell which takes care of Research and development related activities. One Minor Project sponsored by UGC and one RD project sponsored by MPCST is approved in department of Chemistry in 2015-16. Research and development cell motivates teachers to submit research proposals to different funding agencies. One major project is submitted to DST for funding in 2015-16. Students are also promoted to opt for small research based projects to strengthen RD ecosystem of the college.

Examination and Evaluation

Examination forms are filled online, enrolment process is also online, CCE as well as practical examination marks

are entered online and send to university for further processing. Different CCE modes are utilized for internal evaluation of different classes. Evaluation is done through different innovative methods like open book system, students has participation in the evaluation mechanism a cumulative judgement sheet is prepared and marks are communicated to the individual student. End semester Examination is Conducted in the shift as decided by the university a team having senior professors is appointed to conduct examination. The examination protocol is as follows Centre Superintendent Shift Superintendent Asstt Shift Superintendent one @ 300 students Permanent Invigilator @ shift Invigilator one @ 25 students

Teaching and Learning

Teaching and learning procedure in the college is a mixed blend of traditional, modern and ICT based methods. Depending upon the topic to be covered teachers notify their mode of teaching to students. Lesson plans are prepared by teachers and notified to students well in advance to make teaching more participative and student centric, students are informed about flip classes well in advance. Different teaching methodologies like traditional teaching through board, ICT, experiential learning, project based teaching, workshops and seminars are used.

Curriculum Development

? Curriculum Development Curriculum is provided by the department of Higher education Govt. of M.P. For traditional courses, University provides the curriculum for self finance subjects which is being developed by the board of studies of the university, many teachers are the members of board of studies of University. Curriculum is implemented imbibing different methodologies. Curriculum for value added courses is developed by the college and approved by the academic counselling board of the college. The curriculum of value added courses is developed keeping in view the market orientation of the parent subject. Curriculum for P.G. Courses is also designed by the affiliating university and teachers are the members/ Chairpersons board of studies

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	Budget for different schemes are allocated by the DHE, Proposals are invited online through email id provided by DHE and college adheres to that , depending on the quality and need assessment budget and different development schemes are sanctioned. College has its website hosted on NIC.
Administration	Different Committees are constituted and displayed on the website, Coordinators are informed about the various issues related to their committees through mails, For different issues there are online discussion forums also.
Finance and Accounts	Salary Component and other treasury related issues are taken care of through SWAN connectivity. Internal and External Audits are completed well on time ever year. Internal Audit is completed by a team of professors coordinated by a senior professor with accountant as the member of the team. Audit is also done by hired chartered accountant. External financial audit is also done by Accountant General of M.P. (AGMP Gwalior). The clarification sought are solved by the college in the due time slab.
Student Admission and Support	Admissions are through online admission portal hosted by Department of Higher Education Govt. of M.P. Scholarships are also taken care of through on line Scholarship portal Welfare schemes are also communicated to students through DHE website and College Website Awas Yojna execution is also through online process.
Examination	Online enrolment procedure Online Exam form submission Online Exam fees submission Online CCE marks Entry on University portal Online Practical marks entry on University portal

**6.3 – Faculty Empowerment Strategies**

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	NIL	NIL	NIL	Nil

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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Society connect programme under flagship programme EEHSaS and VISTAR	NIL	02/07/2018	06/07/2018	22	Nil
2018	Systematic Voter's Education and Electoral Participation Program	NIL	18/08/2018	28/08/2018	19	Nil
2018	Scholarships online portal and forms	NIL	03/08/2018	05/08/2018	16	Nil
2018	In house FDP Internal Audit	NIL	06/09/2018	08/09/2018	19	Nil
2018	NIL	External and Internal Audit	09/09/2018	10/09/2018	Nil	6
2019	Recent Advances in Chromatography and Spectroscopy	NIL	28/02/2019	07/03/2019	18	Nil
2019	NIL	Instrumentation Methods	01/03/2019	07/03/2019	Nil	11
2019	NIL	Administrative Audit	03/03/2019	05/03/2019	Nil	7
2019	Academic	NIL			19	Nil

Audit

26/04/2019

28/04/2019

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Training on NAAC Process	4	17/12/2018	18/12/2018	2
Society connect programme under flagship programme EEHSaS and VISTAR	22	02/07/2018	06/07/2018	5
Systematic Voter's Education and Electoral Participation Program	19	18/08/2018	28/08/2018	10
Scholarships online portal and forms	16	03/08/2018	05/08/2018	3
In house FDP Internal Audit	19	06/09/2018	08/09/2018	3
Recent Advances in Chromatography and Spectroscopy	18	28/02/2019	07/03/2019	8
Academic Audit	19	26/04/2019	28/04/2019	3
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	24	Nil	18

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Teaching : Medical Reimbursement, Leave encashment, group insurance, duty leave to attend seminars/conferences, Study leave, loans from GPF,	Non teaching : Medical Reimbursement, Leave encashment, group insurance, loans from GPF, Retirement benefits	Students: insurance, Scholarships, endowments, Awards, free ships, Beneficiary schemes.

**6.4 – Financial Management and Resource Mobilization**

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Yes College conducts internal and external financial audits regularly. There is an accounts committee which conducts internal financial audits. Accountant of the college prepares and submits financial accounts for audit. External audit is performed in two ways 1. Professionally hired Chartered accountant who is preferably approved and appointed on behest of the janabhagidari samiti performs the audit and submits it's report. External financial audit is also performed by a team of auditors from AGMP Gwalior

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Mr. S. Shrivastava Mr. Ashish Tiwari	860900	Endowments Equipment Books
No file uploaded.		

6.4.3 – Total corpus fund generated

29760006.00

**6.5 – Internal Quality Assurance System**

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Department of Higher Education Govt. of M.P.	Yes	Principal
Administrative	Yes	AGMP Gwalior	Yes	Principal Through Appointed Financial Cell Convener and Chartered Accountant appointed by the college

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

? Student Counselling ? Anti Ragging activities ? Personality development classes for students

6.5.3 – Development programmes for support staff (at least three)

? Instrumentation Training for Laboratory Technicians ? Capacity building through ICT ? Empowerment through Digital India Knowhow

6.5.4 – Post Accreditation initiative(s) (mention at least three)

? Skill Up gradation Program for Support Staff ? Structured Coaching classes for NET/SLET ? ICT enabled admissions, examination system and evaluation process

## 6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	No

## 6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	AZURE Power Roof Top five Pvt. Limited IIIRD Flor Aero City new Delhi	28/09/2018	28/09/2018	29/06/2019	2998
2018	Organization of one inter institutional Event of high impact to nurture Science aptitude among students	28/09/2018	28/09/2018	30/05/2019	2500
2018	Academic and Administrative Audit of the college. Participation of college in Governance Benchmarking	01/06/2018	01/06/2018	30/05/2019	3063
2018	Strengthening of Academic Counselling Board	02/07/2018	02/07/2018	30/05/2019	3000
2018	Analysis of IDP Activities	02/07/2018	02/07/2018	02/07/2018	2400
2018	Flagship Programmes to be implemented in synchroni sation with academic Calendar	02/07/2018	02/07/2018	30/05/2019	3063



2018	Strengthening of Eco restoration activities	15/11/2018	15/11/2018	30/05/2019	60
2018	RUSA development activities	15/11/2018	15/11/2018	15/11/2018	3063
2018	Organization of trainings for students and faculty	01/07/2018	01/07/2018	30/05/2019	70
2018	Registration of students in MOOCS IN NPTEL	05/04/2019	05/04/2019	05/04/2019	10
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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Awareness about Women's Literacy in India	08/09/2018	08/09/2018	34	16
Celebration of Women's Day Under Quomi Ekta Saptah	24/11/2018	24/11/2018	38	42
Sexual harassment and AIDS awareness Program by NSS and NCC	01/12/2018	01/12/2018	35	80
Human Right program (10-12-2018 )	10/12/2018	10/12/2018	22	18
International Women's Day	08/03/2019	08/03/2019	42	34
Indian Women in Science on the Occasion of National Science Day	28/02/2019	28/02/2019	21	36
Vigyan Suta Award to female	08/03/2019	08/03/2019	1	Nil

student to felicitate contribution Towards reducing carbon footprints				
??????Certificate of Appreciation for being an outstanding mother to Dr. Shehla Ishaque	26/01/2019	26/01/2019	1	Nil
POCSO ACT	16/11/2018	16/11/2018	15	10
Talk on Gender equity and equality	07/03/2019	07/03/2019	36	20
Hemoglobin Test and Women health check up	08/03/2019	08/03/2019	28	Nil
Traffic Awareness for Females Students	18/02/2019	18/02/2019	63	Nil
Women Health check up	06/10/2018	06/10/2018	42	Nil

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Campus has 40Kw RESCO roof top on Grid solar system to meet the electricity requirement of college through renewable energy . College has entered into MOU with AZURE for 25 Years for this system. Netmetering has been done the electricity bills are slashed by 80 College has Switched from Traditional light devices to LED upto 80. A part from this healthy environmental Practices such as Green Audit Energy Audit and Environmental Audit are in place.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	No	Nil
Ramp/Rails	Yes	2
Braille Software/facilities	No	Nil
Rest Rooms	Yes	2
Scribes for examination	Yes	2
Special skill development for differently abled students	No	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	11	11	25/08/2018	1	SVEEP activities for Voters awareness (Election year 2018)	Voters awareness Pink booths Female first time voters awareness	68
2018	4	4	08/09/2018	1	Awareness campaign for Ayushman Bharat or the National Health Protection Mission (AB-NHPM). (Launching of AAYUSHMAN Bharat yojna)	Eligible candidates are given insight about the scheme	23
2018	4	4	18/10/2018	1	Awareness campaign to educate about Nutritional value of food Nutrients and micronutrients Open pot/ close pot cooking A adulteration in food articles/ decreasing or damaging nutrition	Awareness campaigns to educate students and society about Nutritional value of FOOD ARTICLES.	40

(India Ranks 103rd out of 119 qualifying countries in Global Hunger

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Student Charter For on campus in house students	01/07/2018	Student charter contains dos and don'ts in the college campus and guides students how to evolve through campus life. The charter provides a Explanation about all the activities on campus. It covers activities from admissions to graduation. A must have compendium is published in house in print and e format.
Career Guidance Booklet For Alumni For on campus in house students	01/07/2018	Available for students as well as alumni specifically for alumni of latest batches. Contains information about Career opportunities after graduation, Options for higher education opportunities after graduation and scholarships available for higher education and Ph.D.The booklet contain information about Loan facility provided by DHE
Citizen Charter	01/07/2018	For the academic fraternity inclusive of teachers, technical staff and non teaching employees
Research Policy	01/07/2018	For research centre in the college and research scholars.
College Brochure	30/06/2018	Brochure in the form of flip book is sent to all student
Career Guidance Calendar	01/08/2018	Career Guidance Calendar is published as

		per the activities received from DHE Bhopal customized college activities are included in this calendar.
Synchronised EAT Module	01/07/2018	EAT is an exhaustive and comprehensive module incorporating curricular, co-curricular, Career Guidance and sports activities. EAT is prepared by the IQAC.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
'QUOMI EKTA SAPTAH'' to foster National harmony among students	19/11/2018	22/11/2018	392
Run for Unity	31/08/2018	31/08/2018	26
Human Right program Speech on Theme Lets stand up for equality, justice and human dignity. By Mr. Rajpal Singh Rathore Founder and President Young Leaders Conclave M.P.	12/10/2018	10/10/2019	51
Activities to promote cleanliness among students and society Including Swacchta Pakhwara	10/07/2018	16/02/2019	278
Developing Cognitive empathy Through social service based activities like Blood donation Camps Beti Bachao Disaster Management Protection of Children from. Sexual offences (POCSO) act	15/08/2018	15/02/2019	318

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- Power purchase Agreement (PPA) for procurement of 20kWp Solar Power on Long Term Basis (under RESCO Model) between M/s Azure Power Rooftop Five Pvt. Ltd.

(Power Producer) and Govt. Madhav Science P.G.College Ujain on 28th of September 2018 • Expansion in green cover through regular plantation during rainy season and then conservation of green cover through various activities like regular care of plants • Decreasing the carbon footprints through regular servicing and maintenance of electrical equipment • Neutralization of Laboratory water before Discharge • Development of aqua culture lab in the campus: Indigenous aqua lab prepared and maintained by the students and staff of the college

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

**HOLISTIC DEVELOPMENT OF STUDENTS THROUGH SOCIAL LABS: ??APPROACH FOCUS SOCIO ECONOMICALLY UNDERPRIVILEGED STUDENTS** Society is one of the major stakeholder of Higher education system, Perfect students inside the classrooms and laboratories needs to be introduced to activities and programmes which have impact on society as well on student itself, however campus too is an ultimate beneficiary of all these programmes and activities. Vision of the college is to produce individuals with sound scientific background having an edge for value system and respect for every aspect of diversity may it be gender, cultural or socio economic. Which is best possible through the holistic development of students. College has adopted practices with focus on excellence, excellence is in the inception of every programme and activity offered by the college. We have tried best not to tag activities and programmes but to create a fine framework of Scientific, intellectual, emotional and creative programmes with societal impact. College has observed a sharp rise in the number of socioeconomically underprivileged students in the recent years. During the training sessions for different programmes full care is taken to bridge any gap in the understanding if it exists for socioeconomically underprivileged students The practice has helped students of the institute being recognised on national platform evident through National awards, increase in the number of placements and start-ups is also a testimonial to the holistic development of students. **PRACTICE:** different activities are designed and implemented which includes Society Connect programmes with the help of NSS, NCC, Red Cross, Red Ribbon Club and Personality development cell nested under flagship programme EEHSaS and ViSTAR, Scientific awareness programmes and study tours, Student exchange programmes, Extension lectures nested under PURE, Programme to create awareness about various policies and constitutional practices under PRIDE, Gender awareness programmes under Ananya. The approach talks about 3 h one is Head of Teacher, Heart of student and Heart of the society. Programmes are designed at college level by experienced Faculty, students are not merely instruments to implement these programmes but they are the thinkers they are the modifiers they are the moderators who implement these programmes. Measurable mechanism is in place to analyse the impact of practice on society as well as on students and on campus too. At College level teachers who are the in charge of NSS, NCC, PDC, Red Cross, Red Ribbon Club and Flagship coordinators plan activities and programmes, communicated to the students through EAT which is an exhaustive and comprehensive module incorporating curricular, co-curricular and sports activities. EAT is prepared by the IQAC. Registrations are invited from the students for different activities, out of different activities floated in every segment, a student is suggested to opt some activities as per the choice and inclination of student. Students are provided formal and informal training to implement activities as per the need through orientation programmes, a general orientation is organized for all the students during DEEKSHARAMBH in the starting of first year of UG Programme, specific orientation sessions are organized by NSS depending upon the activity. On the first visit to the selected adopted village or the societal residential clusters ,2to 4 responsible society members of the locality are inducted into

the teams constituted, these local society members guide the team during complete implementation of the programme. Students keep record of the activities carried out in social laboratory pockets in a diary issued to them, this diary acts as a social ranking card. Teacher coordinator puts his/ her signature on the diary in the designated place. Activities carried in social lab are...

**SOCIAL ACTIVITIES IN SOCIAL LABS** (Flagship Programme EEHSaS, ViSTAR and ANANYA) Swacchta Pakhwada (Cleanliness drive, Swacchta Pledge) ODF Campaign Run for Unity Campaign for National integration Literacy Mission Blood donation for society Traffic awareness Yoga camps in old help age clusters, Reform homes, Schools, House wives associations Beti Bachao, Beti Padao POCSO Act Digital India Campaign

**SCIENTIFIC ACTIVITIES FOR SOCIETY IN THE SOCIAL LABS** (Flagship Programme PURE, EEHSaS ) AIDS Awareness Water quality analysis and management Helium scarcity campaign Eclipses and superstitions Move to spread awareness against superstitions Plantation and its importance (Eco restoration and controlling our carbon footprints)

**SCIENTIFIC ACTIVITIES FOR SOCIETY ON CAMPUS** (FLAGSHIP PROGRAMME PURE) Science Exhibitions on themes declared by DST every year on 28th February 2018 Celebration of International years declared by UNO Preparation of water Health Chart for adopted village Pingleshwar residential habitats Extension lectures by experts

**TRAINING AND INSPIRATION TO STUDENTS ON CAMPUS** Leadership camps Industry academia partnership workshops Soft skill development workshops Communication course Creation and maintenance of Aqua Laboratory on campus On Campus training through Business Incubation Centre Swavlamban Excellence Acquisition through participative experiential learning: Flagship framework accomplishment

College has adopted practices with focus on excellence, excellence is in the genesis of every programme and activity offered by the college. While on one platform we are bringing in holistic development of students through Society connect programmes, the diversity and vibrancy of the student population on campus is channelized towards achieving best for them through experiential learning. Experiential learning is a compulsory part of the curricula, delivered by experienced faculty through innovative ICT based activities in blended mode which promote participative learning. Flagship programmes provide a well-knit network to launch experiential learning, where exercises are not stand alone but communicate to each other to bring about a healthy impact.

**PRACTICE:** Different activities for experiential learning are designed and nested under fine network of Flagship programmes, with a purpose and meaning. College has launched specific flagship programmes to promote scientific temperament through experiential learning which includes ? PURE ( Pursuit for Research Excellence: Programme to promote RD activities) ? Vilakshan (Flagship programme to celebrate best among the outstanding through organising academic lectures) ? EEHSaS ( Programme for Earth, Environment, Health, Society and Science through projects and activities) ? ViSTAR ( Vigyan for Society Transformation through Application of Research) ? SWAVLAMBAN (Business Incubation Centre) ? PRIDE (Programme for Policy planning and implementation from Development to Execution Flagship programmes provide direction and organization to the whole practice. EAT module allows smooth organization with time management for all activities without overlap. With Flagship programme it becomes exciting for the student to relate to the activity

• **EXPERIENTIAL LEARNING THROUGH CURRICULA:** (PURE) Every subject has practical as an important part of their syllabus. Practical has weightage of about 30 in the total scheme of marks. Whatever a student studies in the theory paper is learnt in the laboratories through practical. Instructors present the alternative methods to perform experiments to get the students acquainted to the concept. Students are also informed about the industrial applications of the practical they are doing. Research papers related to the practical are also collected by the students which develops curiosity among students

• **ASSIGNMENTS AND SEMINARS:** Thought provoking assignments and seminars are allotted to students, which inculcate in them habit to construct on their own and find solutions to

problems, it also inculcates in them habit to read and consult library whether physically or through remote access. • SELF STRUCTURED ASSIGNMENTS In this practice student himself / herself comes up with the topic of assignment, Teacher here become facilitator and provides learning environment only. This exercise has become popular in PG Classes • SAATHI HAATH BADHANA (PEER SUPPORT) A symbiotic exercise by the Peers for the peers, advanced learners take lead and complete group assignments and projects • PARTICIPATIVE LEARNING BASED CCE MODES Different participative learning based modes which support experiential learning are used • TRAININGS Trainings are organized every year with MOU Partners and other training imparting exercises. Training help students to work on equipment like HPLC , UV, IR and MOS which are beyond the domain of curriculum. These sophisticated equipment provide them research insight as well as help students during their placement drive. • UG AND PG RESEARCH PROGRAMME (PURE) This is a very ambitious programme of college taken care by the flagship programme PURE. Projects are allotted to students, Guide is also allotted as per the nature of the project. These projects are not financially funded however full infrastructure support in the form of Laboratory, ICT, Glassware Chemicals and library is extended to students. In the recent 5 years every year 2 projects have been sanctioned by IQAC RD Cell. Projects in following two categories are sanctioned. ? Research and Development Related Projects ? Societal Projects • STUDY TOURS Study tours to various places of importance like Observatory, planetarium, local industrial units, Shipra yatra to understand causes of pollution levels in river Shipra are organized. Study tours present the real time problems to students and motivate them to find solutions. • SCIENCE EXHIBITION: Science Exhibition is culmination of yearlong activities organized for experiential learning. College has rich heritage to celebrate every year on the theme declared by UNO. For the whole year different activities are organized and then on National Science Day a 28th February, exhibition is organized on the major theme. • STUDENT EXCHANGE

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

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### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

**VISION:** To be a value-driven Institute providing quality education in science which thrives for producing scholars with concern and care for environment and society that will best serve the nation in the 21st century. Adhering to the vision statement college has always maintained its stand for environment through various activities and programmes during the year. Flagship programmes ViGYAN, EEHSaS and PURE are the ambitious steps of college to achieve the vision in organized manner. Following programmes are organized to fulfill our commitment towards vision statement

1. Young Scientist Dialogue : Inter institutional event to let students interact to great personalities like Dr. Sudheer Mishra CEO BrahMos and inculcate in them pride towards their Nation and love for Nation
2. Celebration of Ozone Day: To let students aware of environmental hazards caused due to carbon emission, to let them aware of carbon footprints and resort to methods adopting to minimization of carbon footprints through indigenous activities
3. National Science Day 28th February 2019: Theme for National Science day was "Science for people and people for science". Different activities like poster exhibition were organized apart from quiz competition and essay competitions. The poster exhibition was focused on Environmentally benign scientific activities like solid waste management, use of organic zero finance farming, warmi composting, Treatment of industrial



effluent before discharge, Discussion sessions were also held on topics Eco restoration through conservation of Forests and plants instead of planting only, linking rivers like Shipra in Ujjain to perennial rivers like Narmada. Discussion was catalysed by eminent scholars like Dr. M.S. Parihar Dean Science Faculty School of studies in Chemistry. Exhibition rightly followed the famous couplet of Sir CV Raman where he said "Science is a fusion of man's aesthetic and intellectual functions devoted to the representations of nature. It is therefore the highest form of creative art," 4. Field Visits to Villages Pingleshwar and Dongala: Students from Department of Chemistry Visited the villages collected water samples from the villlages nearby, prepared the health chart of water by testing it for acidity, alkalinity and salts and heavy metal ions like Arsenic and halides like Fluoride. Villagers were also educated about the effects of discharge of excessive pesticides in soil and harmful effects of Fluorosis 5. Celebration of IYPT 2019: International Year of Periodic table 2019 activities were also focused on information about green elements of periodic table to students by expert chemistry teachers like Dr. Shubha Jain Dean Science Faculty Vikram University Ujjain, Dr. Uma Sharma Prof. Chemistry School of Studies in Chemistry Vikram University Ujjain. 6. Awareness about Endangered elements of Periodic Table: Awareness programme about in appropriate use of Helium and its future Scarcity was also Launched under the supervision of Dr. Kalpana Virendra Singh Professor Chemistry Apart from these programmes expert invited talks were also organized by different departments to impart quality education in Science promoting values and care towards environment.

Provide the weblink of the institution

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## 8.Future Plans of Actions for Next Academic Year

Teaching learning has been strength of college, college has always strived for the development of innovation ecosystem with strengthening of teaching learning methodologies in the college. ICT has given new dimensions to teaching learning and innovation ecosystem. Few points which IQAC considers to be very important and based upon which Future Plan of action of college is chalked out are ? Collaboration with Institutes of National Importance like IIT Indore and IISER Bhopal for hand holding for Undergraduate Research Programme. ? Research Internship programme for students with CEQIC and student exchange program under Cluster ? Organization of RD Seminars and Workshops and a Seminar on Intellectual Property Right ? Strengthening of Incubation centre and promotion of Start Up Culture in the college ? Strengthening of Academic Counselling Cell ? Focus on soft skills training to students. ? Promotion of Faculty to write more research proposals to funding agencies like UGC/ DST/CSIR/SERB etc. ? Blended Teaching workshops for Teachers and guest faculty. Students are the major stakeholders and graduation outcome is the most important success parameter, following are the important points to be considered for next session ? Strengthening of Student Connect programme (SCP) improved Student tracking mechanism to track the passed out batches for 3 years consecutively ? Special classes for NET/ SLATE/ JAM and National level competitive exams ? Establishment of Helpdesk for students during admissions, scholarship cases, exam related queries and CCE queries ? Remedial classes to help slow learners ? Consultation hours for fast learners to promote them avail opportunities available pan India for further higher studies and employment. Governance and leadership ? Execution of Strategic plan for the next five years starting from 2017-18to 2022-23 ? Academic excellence activities through World bank and purchase related activities for world bank as directed by SPD MPHEQIP ? Infrastructure Augmentation through RUSA ? Proposal for smart classroom and e Library Grant to be sent to DHE MP Govt. in session 2019-20 ? Digitization of students data in Digilocker format ? Governance Benchmarking to be completed in 2019-20. Analysis of score and improvement assessment ? Applying

for NIRF ? To acquire permission from DHE Govt. MP to construct new Dynamic  
website of the college BEST PRACTICE ? HOLISTIC DEVELOPMENT OF STUDENTS THROUGH  
SOCIAL LABS: ??APPROACH FOCUS SOCIO ECONOMICALLY UNDERPRIVILEGED STUDENTS ?  
Excellence Acquisition through participative experiential learning: Flagship  
framework accomplishment ?????: ?? ??? ????? ????? ?? ??