



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		GOVT MADHAV SCIENCE COLLEGE
Name of the head of the Institution		Arpan Bhardwaj
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		07342511803
Mobile no.		9425091028
Registered Email		madhavsciencecollegeujjain@gmail.com
Alternate Email		singhkalpana297@gmail.com
Address		Dewas Road
City/Town		Ujjain
State/UT		Madhya Pradesh
Pincode		456010
2. Institutional Status		

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. Kalpana Singh
Phone no/Alternate Phone no.	07342511803
Mobile no.	9713389538
Registered Email	madhavsciencecollegeujjain@gmail.com
Alternate Email	singhkalpana297@gmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	_https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_6e65ba f2a5694892bc7cb3ead6340f13.pdf
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4. Whether Academic Calendar prepared during the year

if yes, whether it is uploaded in the institutional website: Weblink :	Yes https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_3b5af231401b45d8a4d03ba935319d41.pdf
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5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
2	A	3.17	2015	14-Sep-2015	13-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
Regular meeting of	01-Jul-2020	3288

internal quality assurance cell and timely execution of meeting points. Minutes are approved by statutory body too	365	
Regular meeting of internal quality assurance cell and timely execution of meeting points. Minutes are approved by statutory body too	31-Jan-2020 365	3288
Regular meeting of internal quality assurance cell and timely execution of meeting points. Minutes are approved by statutory body too	10-Feb-2020 365	3288
Regular meeting of internal quality assurance cell and timely execution of meeting points. Minutes are approved by statutory body too	24-Mar-2020 365	3288
Regular meeting of internal quality assurance cell and timely execution of meeting points. Minutes are approved by statutory body too	24-Mar-2020 365	3288
Regular meeting of internal quality assurance cell and timely execution of meeting points. Minutes are approved by statutory body too	08-Aug-2020 365	3288
Regular meeting of internal quality assurance cell and timely execution of meeting points. Minutes are approved by statutory body too	10-Aug-2020 365	3288
Regular meeting of internal quality assurance cell and timely execution of meeting points. Minutes are approved by statutory body too	28-Aug-2020 365	3288

Regular meeting of internal quality assurance cell and timely execution of meeting points. Minutes are approved by statutory body too	15-Dec-2020 365	3288
Feedback collected from 271 Students, 65 Teachers, 07 Employers, 167 Alumni	09-Sep-2020 365	3288
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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
Library	E library resource development	Department of Higher Education Govt. of M.P.	2019 90	1197730
Smart Classroom	Adhunik takanik se Shikshan vyavstha	Department of Higher Education Govt. of M.P.	2019 90	450000
ST / SC Books	ST / SC Books	Department of Higher Education Govt. of M.P.	2019 30	1250659
Faculty	TA Transfer	Department of Higher Education Govt. of M.P.	2019 30	34505
Office	Furniture	Department of Higher Education Govt. of M.P.	2019 30	250000
Govt. Madhav Science P.G. College Ujjain	Electricity	Department of Higher Education Govt. of M.P.	2019 30	213876
Career Counseling Cell	Vivekanand Career Guidance Scheme	Department of Higher Education Govt. of M.P.	2019 30	80000
Staff and Faculty	TA	Department of Higher Education Govt. of M.P.	2019 365	86818
Govt. Madhav Science P.G.	Madhya Pradesh uccha siksha me	Department of Higher	2019 365	330000

College Ujjain	sudhar	Education Govt. of M.P.		
Govt. Madhav Science P.G.College Ujjain	Madhya Pradesh uccha siksha me sudhar	World Bank	2019 365	147879
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
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Upload latest notification of formation of IQAC	View File
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10. Number of IQAC meetings held during the year :	9
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The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
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Upload the minutes of meeting and action taken report	View File
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11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
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12. Significant contributions made by IQAC during the current year(maximum five bullets)

? Review of Learning objectives of programmes and courses by individual departments and effective attainment of learning objectives of courses and programmes, ? Different Audits Academic and Administrative audit Financial Audit Green Audit Environmental Audit Energy Audit for the college ? Blended Learner centric Classes through LMS ? Organization of FDP for Teachers, Professional Development programmes for NonTeaching Employees and Training for students ? Infrastructural quality improvements RUSA Grant under project 7 Girls Hostel from UGC and Janabhagidari Grant, Furniture received from World bank MPHEQIP SCHEME, Equipments from RUSA Project 7 grant, Equipments from World Bank MPHEQIP SCHEME

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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
Analysis of Results specifically of B.Sc. programme in 201819. Identification of slow and fast Learners by academic Counselling cell	Analysis of Results of session 201819 academic Counseling cell. Segregation of students into fast and advanced learners. Designing of customized plan for slow and fast learners by Academic Counseling cell Functioning started

	from 10th July and was in practice till September 2020
Review of Learning objectives of programmes and courses by individual departments and effective attainment of learning objectives of courses and programmes,	Learning Objectives are reviewed by the individual departments. LOCF is adopted by the college on the behest of IQAC. Learning Objectives are framed based upon Bloom's Taxonomy, these are displayed on college website as well as in the appropriate place in department, and objectives are well communicated to students also.
Induction classes for first batch of UG Classes to start from 02nd of July 2019. A team of professors to conduct induction classes is being floated. Report of Induction classes to be submitted with photographs just after the schedule is completed till 8th of July 2019.	Induction classes completed for first batch of fresh students. Deeksharambh programme followed after wards, when the 2nd and 3rd counseling list too is declared. Deeksharambh has orientation schedules related to campus life and important events including teaching learning practices, beneficiary schemes, sports and career counselling
Organization of Trainings and academic events and spoken tutorials for the students	Trainings were organized for students which includes Instrumentation workshops, HPLC, Cheminformatics, Extension lectures on various topics, special hands on sessions on innovative topics like scientoons, Events like poster presentations quiz and academic events were organized under the umbrella of International Year of Periodic Table. Starting 1/7/2019 Cambridge learning course was launched for students and completed by students. Two faculty from the college are trained for the Cambridge learning course by Cambridge university.
Synchronization of all activities in EAT (Excellence Acquisition schedule). Flagship Programme to be synchronized with all other calendars Strengthening of Eco restoration activities	EAT is Excellence Acquisition Tenure module and encompasses all activities starting from curricular to co-curricular to sports to Flagship programmes. 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
Different Audits for the college	Following Audits are conducted in 2019-20 Academic and Administrative audit Financial Audit Green Audit

	Environmental Audit Energy Audit
Organization of FDP for Teachers and Professional Development programmes for Non-Teaching Employees	Owing to the pandemic 07 online FDP for teachers and 03 professional development programme for non-teaching employees are organized. FDP on online teaching and Blended Teaching too is organized. Under Daksh The capacity building programme was organized on 23rd and 24th of June training for LMS Google classroom -11/08/2020 One month in house FDP for regular faculty from 1st October 2020 to 30th October 2020
Online classes through Google classroom LMS	Google classrooms has been created by every faculty in the college and Classes are conducted through Google meet, Zoom, Youtube live and Microsoft Teams
Organization of Webinars and online events	34 webinars and online events are organized ,most of them of 2 days or three days duration Eminent Personalities like Padma Vibhushan Dr. Sonal Mansingh ji, Padma Bhushan Dr. Anil Prakash joshi ji,Magsaysay award winner sh Rajendra singh ji Padma Shri Dr. Janak Palta MCGilligan ji, Padma shri Dr. Shovana Narayan ji, Padma Shri Dr. Alok Mehta ji , Padma shri Prof T. Pradeep ji, Dr. Saurav Pal Director IISER Kolkata, Dr. Chetan Singh Solanki IIT Mumbai, Dr. Alok Shrivastava Humboldt Fellow Punjab University Chandigarh, Dr. Shirish Sherlekar Global Head TCS Mumbai, Dr N.Ratnashree Director Nehru planetarium New Delhi, Dr. S.Ragothamma from IISC Bengaluru, Dr. Abhishek Mishra from IIM Indore, Dr. Rajneesh Mishra IIT Indore, Dr. Suman Mukhopadhyay IIT Indore, Dr. Srilakshmi Desiraju Triphase Pharma Mysore, Dr. Vicki Gardiner Chair Commonwealth Chemistry, Prof Gladys Completo from Philippines and social workers like Ms. Laxmi Agarwal and many other eminent professors have addressed the august academic gathering under the aegis of different flagship programmes hosted by the college
Society connect programme Involvement of PG students in Field projects other than the projects mandatory for their degree.	03 group of students registered in Chemistry 02 group of Students registered in Yoga 01 group of students registered in physical sciences 48 registered in online student COVID 19 Warrior project Awareness Videos for COVID prepared by the students of the college E Posers and publicity material for spreading awareness about COVID

Mask force to distribute handmade masks in the society Distribution of food packets to the needy ones by staff and students

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Janbhagidari samiti	20-Jan-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2021

Date of Submission

25-Feb-2021

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

MANAGEMENT INFORMATION SYSTEM College has its own customized MIS, which integrates following operational modules. 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. The focus has shifted from teacher centric methods of curriculum delivery to Learner centric participative curriculum delivery methodologies.

Workshops has been organized on the use of revised Bloom's taxonomy and teachers are inspired to follow this for outcome based delivery of curriculum.

Every Faculty member tries to achieve Program Objectives (PO) and Course Objectives (CO) of their branch of study framed in the beginning. College prepares its own Excellence Acquisition Tenure(EAT) module which is a very intricate frame work strewn with academic calendar declared by DHE Bhopal, Value added courses calendar, sports calendar, career guidance calendar, youth festival calendar and Flagship programmes calendar. 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: The college is well equipped with state of the art smart class rooms, virtual class rooms, audio-visual and other ICT facilities. Video lectures Simulation Classes Online Groups Field Projects and experiential learning Assignments Workshops & 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/entreprene urship	Skill Development
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NIL	PG Diploma In Yoga	01/07/2019	365	Yes	Yes
NIL	PG Diploma In CS CA	01/07/2019	365	Yes	Yes
Cambridge English Proficiency Tutorial	NIL	27/09/2019	90	Yes	Yes
Bio Membrane models: An Interface with Drug delivery Systems By Dr. Kalpana singh	NIL	13/08/2019	15	Yes	Yes
Bio Membrane models: An Interface with Drug delivery Systems By Dr. Kalpana singh	NIL	19/11/2019	15	Yes	Yes
Value added course on HPLC and cheminformat ics Dr. Kalpana singh	NIL	08/02/2020	15	Yes	Yes
Add on course on computations and statistical methods in P harmaceutica l Chemistry External Experts Coordinator Dr. Jeeven Singh Solanki	NIL	20/07/2019	15	Yes	Yes
Add on course on computations and statistical methods in P harmaceutica l Chemistry	NIL	25/09/2019	15	Yes	Yes

External
Experts
Coordinator
Dr. Jeeven
Singh
Solanki

Add on course on NMR applications on Biomolecules Dr. M.K.Makkad	NIL	05/02/2020	15	Yes	Yes
Add on course on NMR applications on Biomolecules Dr. M.K.Makkad	NIL	15/04/2020	15	Yes	Yes
Added On course on Sericulture Sh.S.L.Joshi	NIL	15/08/2019	15	Yes	Yes
Added On course on Sericulture Sh.S.L.Joshi	NIL	20/09/2019	15	Yes	Yes
Added On course on Sericulture Sh.S.L.Joshi	NIL	15/11/2019	15	Yes	Yes
Add On course on training for defence services Dr. Rekha Nagwanshi	NIL	20/09/2019	15	Yes	Yes
Add On course on training for defence services Dr. Rekha Nagwanshi	NIL	15/10/2019	15	Yes	Yes
Add On course on training for defence services Dr. Rekha Nagwanshi	NIL	08/02/2020	15	Yes	Yes

Add on Course on Zero Finance Natural Farming	NIL	10/12/2019	15	Yes	Yes
Add on Course on Mushroom Cultivation	NIL	10/10/2019	15	Yes	Yes
Add on Course on Hindi Bhasha me shudh Vartani ka prayog	NIL	15/10/2019	15	Yes	Yes
Add on Course on Hindi Bhasha me shudh Vartani ka prayog	NIL	07/11/2019	15	Yes	Yes
Add on Course on Hindi Bhasha me shudh Vartani ka prayog	NIL	08/01/2020	15	Yes	Yes
Add on Course relaxing through music: a course on Musical Inst rumentation run with the help of external experts	Nil	05/10/2019	15	Yes	Yes
Add on Course relaxing through music: a course on Musical Inst rumentation run with the help of external experts	NIL	08/12/2019	15	Yes	Yes
Add on course on wo rmicompostin g	NIL	10/09/2019	15	Yes	Yes

Add on course on wormicomposting	Nil	15/12/2019	15	Yes	Yes
Add on course on wormicomposting	NIL	07/02/2020	15	Yes	Yes
Value added course on Benefits of Polyhouse Cultivation	NIL	10/02/2020	15	Yes	Yes
Add on course on Scientific Writing by	Nil	19/08/2019	15	Yes	Yes
Add on course on Scientific Writing by	NIL	10/02/2020	15	Yes	Yes
Add on Course on Yoga	NIL	22/08/2019	15	Yes	Yes
Add on Course on Yoga	NIL	25/11/2019	15	Yes	Yes
Add on Course on Yoga	NIL	23/12/2019	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
No file uploaded.		

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	Chemistry, Zoology, Botany, Biotechnology, Bioinformatics, Microbiology, Pharmaceutical chemistry,	01/07/2019
BSc	Physics, Mathematics, Statistics, Electronics, CS&CA, Geography, Geology, Economics	01/07/2019
MSc	Chemistry	01/07/2019

MSc	Botany	01/07/2019
MSc	Zoology	01/07/2019
MSc	Mathematics	01/07/2019
MSc	Drug and Pharmaceutical chemistry	01/07/2019

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

	Certificate	Diploma Course
Number of Students	1036	43

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	15/08/2019	20
Bio Membrane models: An Interface with Drug delivery Systems By Dr. Kalpana singh	19/11/2019	25
Value added course on HPLC and cheminformatics	08/02/2020	19
Add on course on computations and statistical methods in Pharmaceutical Chemistry	20/07/2019	30
Add on course on computations and statistical methods in Pharmaceutical Chemistry	25/09/2019	32
Add on course on NMR applications on Biomolecules	05/02/2020	40
Add on course on NMR applications on Biomolecules	15/04/2020	45
Added on course on Sericulture	15/08/2019	35
Added on course on Sericulture	20/09/2019	20
Cambridge English Proficiency Tutorial	27/09/2019	47
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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	Bioinformatics	19

BCA	BCA	49
MSc	Chemistry	17
MSc	Botany	13
MSc	Pharmaceutical Chemistry	23
MSc	Zoology	22
MSc	Applied Microbiology	18
MSc	Mathematics	65
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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>The feedback for session 2019-20 is obtained online through Google form. Google form for all the stakeholders is created separately and shared with all the stakeholders by sharing the link. A window of approximately 2 months is given to stakeholders to fill the responses. The feedback is analyzed within the Google form by Google services, however the response sheet generated was also analyzed as well as the pie charts and the bar graphs are plotted itself. The feedback received is kept in the janabhadgadari samiti for approval. After approval feedback is communicated to the head of the departments and head of the departments communicate it to the respective teachers. Feedback received for support services is communicated to the concerned committee incharge in case any improvement is required or there is a Gap required to be filled up. Strategy for the improvement is framed once the gaps are analyzed. Markers and milestones are identified and IQAC and concerning committee starts working on it.</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
BSc	Physics, Chemistry, Maths, Botany, Zoology, Biotechnology, Bioinformatics, Pharmaceutical chemistry, Microbiology,	1548	1200	1098

	CS & CA, Electronics, Statistics, Geography, Geology, IT.			
BCA	BCA	86	70	63
MSc	Botany	55	62	53
MSc	Chemistry	63	112	60
MSc	Zoology	55	100	55
MSc	App. microbiology	44	61	44
MSc	Drug and Pharmaceutical chemistry	70	62	46
MSc	Mathematics	100	140	99
PG Diploma	Yoga	60	39	39
PG Diploma	CS & CA	60	4	4
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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
2019	1161	400	38	2	33

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
73	73	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 2019-20 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
3215	73	1 : 44

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. Brijesh Pare	Professor	Chairperson ACT
2020	Dr. Kalpana Singh	Professor	BIPS - Excellence Educator Award - 2020
2020	Dr. Kalpana Singh	Professor	Accreditation by NAAC
2020	Dr. Kalpana Singh	Professor	Best Interactor in One week online International Faculty Development program on "Artificial intelligence and Lot- Heuristic Trans disciplinary perspectives "
2019	Dr. Kalpana Singh	Professor	Teacher Recognition Award
2019	Dr. Arpan Bhardwaj	Principal	Teacher Recognition Award
2019	Govt. Madhav Science P.G. College Ujjain	Principal	Red Ribbon Naco Delhi
2019	Dr. R. K. Tiwari	Assistant Professor	Certificate of Appreciation for Nodal Officer in Lok sabha election 2019
2019	Dr. Arpan Bhardwaj	Principal	Green Campus Award by Lions club

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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	1st Sem	21/09/2020	30/05/2020
MSc	C044	3rd Sem	21/09/2020	04/06/2020
MSc	C053	1 sem	21/09/2020	04/06/2020
MSc	C053	3 sem	21/09/2020	02/03/2020
MSc	C043	1 sem	21/09/2020	18/03/2020
MSc	C043	3 sem	21/09/2020	02/03/2020
MSc	C056	1 sem	21/09/2020	25/02/2020

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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/cbcb0_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
UG Bio https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/cbcb0_43872ca31d6146dd833e338	BSc	Biotechnology, Chemistry, Pharmaceutical Chemistry, Zoology, Botany, Bioinformatics, Microbiology	545	540	99.08
C051	MSc	Applied Microbiology	20	20	100
C056	MSc	Zoology	25	25	100
C050	MSc	Mathematics	76	74	97.3
C043	MSc	Botany	13	13	100
C053	MSc	Pharmaceutical Chemistry	23	23	100
C044	MSc	Chemistry	17	17	100
C030	BCA	BCA	53	53	100

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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/ccbc0_53282be2c2364831ab1b70a48bd7e1d9.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
Projects sponsored by the University	6	Govt. Madhav Science P.G. College Ujjain	0	0
Interdisciplinary Projects	106	Govt. Madhav Science P.G. College Ujjain	0	0
Interdisciplinary Projects	30	MPCST	34600	34600
Interdisciplinary Projects	15	NASI	10000	10000

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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
Workshop on HPLC	Department of Chemistry	05/10/2019
Future Technologies in COVID Era	IQAC	01/07/2020
Workshop on NMR	Department of Chemistry	13/09/2019
National web conference on Industry Academia Partnership	IQAC Business Incubation Centre	16/12/2020
Workshop on Intellectual Property Rights IPR: "Basics and Strategic Significance" "Transfer of Ownership, Deep of Assignments"	IQAC Business Incubation Centre	02/12/2020
Innovation hackathon 2020	IQAC, PURE SWAVLAMBHAN (BIC)	24/08/2020
Protecting Your Intellectual Property Rights	IQAC, Biotechnology Pharmaceutical Chemistry	16/06/2020
National Level Lecture Series Under Industry Academia Partnership by Prof. Alok Mehta Humboldt fellow PU Chandigarh Dr. Shirish Sherlekar Global Head Life Sciences	PURE IQAC	14/07/2020

Practice and QA at TCS Mumbai		
Plant water relation Dr.K. Mukherjee	Department of Botany	10/01/2020
Root Microbes Interaction Dr. Jaishree Sikka	Department of Botany	11/01/2020

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	Nil	NIL
No file uploaded.				

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
01	Savavlabhan	Janbhagidari samiti	The Greenland Mushroom	Food Processing	17/01/2020
01	Savavlabhan	Janbhagidari samiti	TATHASTU ESSENTIAL SERVICES AND MANAGEMENT	Food Processing	23/09/2020
01	Savavlabhan	Janbhagidari samiti	Aastha Creation	Handicraft	27/08/2020
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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
Department of Chemistry	2
Botany	1

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	5	2.5
International	Botany	9	1.8
International	Zoology	2	2.0
International	Physics	4	2.0
International	English	1	1.0
International	Biotechnology	2	2.0
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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
NIL	Nil
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
In silico study of 5-alpha-reductase (5-AR) active site prediction and interaction with supernatural compound II	Dr. Shobha Shouche	International Journal for Environmental Rehabilitation and Conservation ISSN: 0975 – 6272 XI (SP2): 329 – 335	2019	0	Govt. Madhav Science P.G. College Ujjain	Nil
Effect of Temperature on the growth of floral waste degrading fungi	Dr. Shobha Shouche	Fungal Territory 2309-608X CODEN:JFOU CU December 2019	2019	0	Govt. Madhav Science P.G. College Ujjain	Nil
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	2019	11	Govt. Madhav Science P.G. College Ujjain	11
A colorimetric nanoprobe based on e	Dr. Rekha Nagwanshi	RSC Advances 2019, 9, 4 2085-42095	2019	0	Govt. Madhav Science P.G.	Nil

nzyme-immobilized silver nanoparticles for the efficient detection of cholesterol					College Ujjain	
Facile Microwave Assisted Synthesis Of Targeted Drug Delivery Systems : Synthesis Of Doxorubicin Gold Nanoparticle Composites A Green Route To Targeted Drug Delivery Systems	Dr. Kalpana Virendra Singh	" Emerging Trends in Chemistry" International Conference at IIT Indore 12th July 2019 to 15th July 2019	2019	0	Govt. Madhav Science P.G. College Ujjain	Nil
Extracts of Ailanthus excels an Essential Medicine in Ayurveda Pharmacological evaluation and preliminary screening of phytochemicals	Dr. Pinky Dwivedi	Journal of Drug delivery and therapeutics JDDT 2019	2019	3	Govt. Madhav Science P.G. College Ujjain	3
Critiquing Brecht's Epic Theatre Theory with Reference to Mother Courage and Her	Dr. R.C. Hemnani	International Journal of Research and Analytical Reviews E ISSN 2348-1269 Print ISSN 2349-5138	2019	0	Govt. Madhav Science P.G. College Ujjain	Nil

Children						
Dynamic Analysis of an SEIS Epidemic Model with Nonlinear Incidence Rate under Treatment	Ms. Shweta Verma	National Seminar on Parallel Computing and optimization Techniques 23-24 Feb. 2019	2019	0	Govt. Madhav Science P.G. College Ujjain	Nil
Dynamic Analysis of an SEIS Epidemic Model with Nonlinear Incidence Rate	Ms. Shweta Verma	International Conference on Newfangled Methods of Physics, Chemistry and Mathematics 29-30 March 2019	2019	0	Govt. Madhav Science P.G. College Ujjain	Nil
In silico study of 5-alpha-reductase (5-AR) active site prediction and interaction with supernatural compound II	Dr. Shobha Shouche	International Journal for Environmental Rehabilitation and Conservation ISSN: 0975 - 6272 XI (SP2): 329 - 335	Nil	0	Govt. Madhav Science P.G. College Ujjain	Nil
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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
A carbon quantum dot-gold nanoparticle system as a probe for the inhibition and reactivation of acetylcholinesterase	Dr. Rekha Nagwanshi	New Journal of Chemistry 2019, 43, 6874-6882	2019	8	11	Govt. Madhav Science P.G. College Ujjain

<p>: detection of pesticides</p>						
<p>A colorimetric nanoprobe based on enzyme-immobilized silver nanoparticles for the efficient detection of cholesterol</p>	<p>Dr. Rekha Nagwanshi</p>	<p>RSC Advances 2019, 9, 4 2085-42095</p>	<p>2019</p>	<p>8</p>	<p>Nil</p>	<p>Govt. Madhav Science P.G. College Ujjain</p>
<p>Facile Microwave Assisted Synthesis Of Targeted Drug Delivery Systems : Synthesis Of Doxorubicin Gold Nanoparticle Composites A Green Route To Targeted Drug Delivery Systems</p>	<p>Dr. Kalpana Virendra Singh</p>	<p>" Emerging Trends in Chemistry" International Conference at IIT Indore 12th July 2019 to 15th July 2019</p>	<p>2019</p>	<p>2</p>	<p>Nil</p>	<p>Govt. Madhav Science P.G. College Ujjain</p>
<p>Extracts of Ailanthus excels an Essential Medicine in Ayurveda Pharmacological evaluation and preliminary screening of phytochemicals</p>	<p>Dr. Pinky Dwivedi</p>	<p>Journal of Drug delivery and therapeutics JDDT 2019</p>	<p>2019</p>	<p>3</p>	<p>3</p>	<p>Govt. Madhav Science P.G. College Ujjain</p>
<p>Critiquing</p>	<p>Dr. R.C. Hemnani</p>	<p>International</p>	<p>2019</p>	<p>2</p>	<p>Nil</p>	<p>Govt. Madhav</p>

Brecht's Epic Theatre Theory with Reference to Mother Courage and Her Children		Journal of Research and Analytical Reviews E ISSN 2348-1269 Print ISSN 2349-5138				Science P.G. College Ujjain
Dynamic Analysis of an SEIS Epidemic Model with Nonlinear Incidence Rate under Treatment	Ms. Shweta Verma	National Seminar on Parallel Computing and optimization Techniques 23-24 Feb. 2019	2019	2	Nil	Govt. Madhav Science P.G. College Ujjain
Dynamic Analysis of an SEIS Epidemic Model with Nonlinear Incidence Rate	Ms. Shweta Verma	International Conference on Newfangled Methods of Physics, Chemistry and Mathematics 29-30 March 2019	2019	2	Nil	Govt. Madhav Science P.G. College Ujjain
Effect of Temperature on the growth of floral waste degrading fungi	Dr. Shobha Shouche	Fungal Territory 2309-608X CODEN:JFOU CU December 2019	2019	3	Nil	Govt. Madhav Science P.G. College Ujjain
In silico study of 5-alpha-reductase (5-AR) active site prediction and interaction with supernatural compound II	Dr. Shobha Shouche	International Journal for Environmental Rehabilitation and Conservation ISSN: 0975 - 6272 XI (SP2): 329 - 335	2019	3	Nil	Govt. Madhav Science P.G. College Ujjain
Propagation of Ion	Dr. Dilip Soni	Emerging Interfaces	2019	2	Nil	Govt. Madhav

itudinal electro-kinetic waves in I II-nitride semiconductor with participating ion colloids		of Physical Sciences and Technology AIP conference			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	48	173	Nill	Nill
Presented papers	24	9	Nill	Nill

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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
Health check camp (21/10/2019)	NSS Red Robbin club	25	450
Fit India Program Rally and plastic free campus (02/10/2019)	NSS/NCC/Red cross	15	60
Blood donation (01-10-2019)	NSS	2	25
Planation in college (24-08-2019)	NSS/NCC/Red cross	15	50
YuvaSankalp Program (20-08-2019)	Govt. Of MP. Bhopal	1	10
Workshop on Mahatma Gandhi (31-07-2019)	NSS, Vikram university Ujjain	1	5
Swachata program , rally , street play and water conservation in adopted village Pingleshver (23-07-2019)	NSS	2	15
Swachata program in adopted village	NSS	2	15

Pingleshver			
Donor motivation workshop (14/06/2020)	NSS/NCC/Red cross	25	80
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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
HIV AIDS awareness program	Govt. Madhav Science PG college ,Ujjain and RRC nodal officer Dr. Pradeep Lakhre recognized by NACO on 01-12-2019	National Aids Control origination, New Delhi	1
Award for use of renewable Energy	Urja Mitra Award	Govt. Madhav Science P.G. College Ujjain	1
Award for Eco restoration to Girls	Vigyan Suta	Govt. Madhav Science P.G. College Ujjain	1
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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
Health check camp (21/10/2019)	NSS Red Robbin club	Health check camp (21/10/2019)	25	450
Fit India Program Rally and plastic free campus (02/10/2019)	NSS/NCC/Red cross	Fit India Program Rally and plastic free campus (02/10/2019)	15	60
Blood donation (01-10-2019)	NSS	Blood donation (01-10-2019)	2	25
Planation in college (24-08-2019)	NSS/NCC/Red cross	Planation in college	15	50
YuvaSankalp Program (20-08-2019)	Govt. Of MP. Bhopal	YuvaSankalp	1	10
Workshop on Mahatma Gandhi (31-07-2019)	NSS, Vikram university Ujjain	Workshop on Mahatma Gandhi (31-07-2019)	1	5
Swachata program , rally	NSS	Swachata program , rally	2	15

, street play and water conservation in adopted village Pingleshver (23-07-2019)		, street play and water conservati		
Swachata program in adopted village Pingleshver (19-07-2019)	NSS	Swachata program in adopted village Pingleshver (19-07-2019)	2	15
Donor motivation workshop (14/06/2020)	NSS Red Robbin club	Donor motivation workshop (14/06/2020)	25	80
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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
Collaborative Research with Dr. MM Satnami School of Studies in Chemistry Pt Ravishankar Shukla University Raipur	01	Infrastructural Support Lab. ICT	365
Student Exchange Faculty Exchange Activity Through Webinars Skype and Group Chat with Zisaze Kiphire EBSB	50	Janbhagidari Samiti Govt. Madhav Science P.G. College Ujjain	300
Online Webinars Series Organized by MPCST on GC GCMS	01	Online Event	1
AAS and ICP-OES	01	Online Event	1
HPLC and IR 18/08/2020	01	Online Event	1
UV and FTIR 19/08/2020	01	Online Event	1
Faculty Exchange Program at MPCST CEQIC Scheme 27/12/2019	04	00	1
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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/	Duration From	Duration To	Participant

		industry /research lab with contact details			
Academic	Training / project capacity building	PGTECH Research Institution Indore	15/05/2019	01/07/2020	80
Academic	Research Collaboration	Surya Group of Companies GIDC Ankleshwar Gujrat	01/01/2019	01/01/2020	65
For holistic development of students through value based education	Holistic development through value education	Yoga life society Ujjain	01/07/2019	01/07/2020	62
Research and Development	Collaborative Research with Dr. MM Satnami School of Studies in Chemistry Pt Ravishankar Shukla University Raipur	Pandit Ravisankar Shukla University	01/07/2019	30/06/2020	01
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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 RoofTop five Pvt. Limited IIIrd Flor Aero City new Delhi	01/07/2019	Power Purchase Agreement for Procurement of 20 kWp Solar Power on long term basis (Under RESCO Model)	3288
PGTECH Research Institution Indore	01/07/2019	Research Collaboration and carrying out Dissertation	80
Surya Group of Companies GIDC Ankleshwar Gujrat	01/07/2019	Research Collaboration and carrying out Dissertation	65
Ujjain Yoga life	01/07/2019	Holistic	62

Society		development of students through value based education	
Bhoj University	13/08/2019	Academic	457
Yashwardhan Industries Ujjain	01/07/2019	Industry Internship	10
Shri Jee Adhesives Ujjain	01/07/2019	Industry Internship	12
Vinto Chem Pharmaceutical Ujjain	01/07/2019	Industry Internship	15
Super Pharma Ujjain	01/07/2019	Industry Internship	8
India Phosphates Ujjain	01/07/2019	Industry Internship	6
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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
12158749	11217892

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
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
Classrooms with Wi-Fi OR LAN	Existing
Class rooms	Newly Added
Laboratories	Newly Added
Seminar halls with ICT facilities	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Others	Newly Added

Value of the equipment purchased during the year (rs. in lakhs)	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 patially)	Version	Year of automation
SOUL	Fully	2.0	2019

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	34516	21000092	Nil	Nil	34516	21000092
Reference Books	14413	4039635	3	2370	14416	4042005
e-Books	4248	Nil	50	30000	4298	30000
Journals	12	Nil	Nil	Nil	12	Nil
e-Journals	220	Nil	Nil	Nil	220	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	Institutional module Microwave spectroscopy	PPT recorded on OBS	06/08/2019
Dr. Kalpana Singh	Institutional module ESR Spectroscopy	PPT recorded on OBS	15/08/2019
Dr. Kalpana Singh	Institutional module Vibrational Spectroscopy	PPT recorded on OBS	11/09/2019
Dr. Rekha Nagwanshi	Institutional module Pericyclic reactions	PPT recorded on OBS	08/07/2019
Dr. Rekha Nagwanshi	Institutional module Cyclo hexane	PPT recorded on OBS	07/08/2019
Mr. Pradeep Saini	Institutional module Drug receptor	PPT recorded on OBS	04/07/2019
Mr. Pradeep Saini	Institutional module Protein Protein Interaction	PPT recorded on OBS	13/08/2019

Mr. Ravikant Yadav	Institutional module Drug Designing	PPT recorded on OBS	17/07/2019
Dr. Pushpa jatwa	Institutional module B.Sc. 1st Year	PPT recorded on OBS	23/07/2019
Dr. Pushpa jatwa	Institutional module B.Sc. 2nd Year	PPT recorded on OBS	07/08/2019
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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	129	2	3	12	1	9	20	100	0
Added	33	1	0	0	0	0	0	0	5
Total	162	3	3	12	1	9	20	100	5

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
E content development by sharp overlay and pan software recording by OBS streaming on youtube channel	https://youtube.com/channel/UCheeUfFhA5Si5t0jXEsFw

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
1048038	1048038	1071786	1071786

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)

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 (LabIndia), 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 Janabhadari, and utilized after regular classes for conducting computer based seminars and workshops. These are also used as browsing nodes by non-computer science students also. The computers are periodically checked and updated by the trained specialized computer technician. Licensed software are used in the computer lab. 4.SPORTS COMPLEX: College has Indoor sports complex with facilities for Indoor

https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/cbcb0_ef77ea1c392c49a2b39a195d928fe4e0.pdf

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	00	0	0
Financial Support from Other Sources			
a) National	Inspire	5	400000
b)International	0	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

Cambridge Lingua Classes	05/10/2019	16	Govt. Madhav Science P.G. College Ujjain
Hackathon	24/08/2020	40	Govt. Madhav Science P.G. College Ujjain
Mentoring	01/07/2019	3215	Govt. Madhav Science P.G. College Ujjain
Personal Counseling	01/07/2019	3215	Govt. Madhav Science P.G. College Ujjain
Language Lab	01/07/2019	230	Govt. Madhav Science P.G. College Ujjain
Remedial Couching	01/12/2019	1516	Govt. Madhav Science P.G. College Ujjain
Training and Placement Programme	20/08/2019	21	Tata Counsaltency Services, Indore
Processing of Medicinal and Aromatic Plants	14/01/2020	27	MPCON Limited 70893-60663
Learn and Earn	21/11/2019	28	Relience Jio, Ujjain
Advance Instrumentation and Training Programme	05/11/2019	28	P.G. Tech Pvt. Ltd., Indore 0731-4993339
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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
2019	MVM Competitive Classes on UPSC PSC Railway Banking LIC Shree Chaitnya Goyal	150	Nil	13	32
2019	Vivekanand Career Guidance Scheme Processing of Medicinal	Nil	27	Nil	Nil

	and Aromatic Plants MPCON 14-01-2020 to 28-02-2020				
2019	2 days Lectures for entrepreneur CADMAP	Nill	96	Nill	Nill
2019	Career Fair	Nill	Nill	Nill	143
2019	Gillate Programme (Denik Bhaskar) 26-11-2019	Nill	Nill	Nill	3
2019	ICICI Bank (IFBI) dsEil lk{kkRdkj 18-10-2019	Nill	Nill	Nill	11
2019	Tata Consultancy Services, Indore 20-06 to 07-07-2019	Nill	Nill	Nill	7

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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
8	8	7

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
LIC	250	28	Sun Pharma	8	5

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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	1	B.Sc. Program, Govt. Madhav Science P.G.	Botany, Biotech, Chemistry	Artimisca College, indore	BFA

		College Ujjain			
2019	16	B.Sc. Program, Govt. Madhav Science P.G. College Ujjain	Mathematics	Prashanti Colleg, Loti college, Maharaja College, Sarswati College, Bhartiya Gyanpeeth college	B.Ed.
2019	8	B.Sc. Program, Govt. Madhav Science P.G. College Ujjain	Pharmaceutical Chemistry	Govt. Madhav Science P.G. College Ujjain	M.Sc. Pharmaceutical Chemistry
2019	2	B.Sc. Program, Govt. Madhav Science P.G. College Ujjain	Zoology	Govt. Madhav Science P.G. College Ujjain	M.Sc. Zoology
2019	4	B.Sc. Program, Govt. Madhav Science P.G. College Ujjain	Department of Mathematics	Govt. Madhav Science P.G. College Ujjain	M.Sc. Mathematics
2019	3	B.Sc. Program, Govt. Madhav Science P.G. College Ujjain	Chemistry, Botany, Zoology	Prashanti Instiute, Ujjain, Bhartiya Gayan Peeth college ujjain	MBA
2019	2	B.Sc. Program, Govt. Madhav Science P.G. College Ujjain	IT+ ELECTRONICS+ MATHEMATICS	MIT Ujjain	D. Pharmacy
2019	1	B.Sc. Program, Govt. Madhav Science P.G. College Ujjain	CBZ	Govt. Madhav Arts and Commerce college Ujjain	M.A. History
2019	7	B.Sc. Program, Govt. Madhav Science P.G. College Ujjain	Physics, Chemistry, Mathematics	Govt. Madhav Arts and Commerce college Ujjain	Physics

2019	1	B.Sc. Program, Govt. Madhav Science P.G. College Ujjain	Zoology, Biotech, Chemistry	Govt. Madhav Arts College, Ujjain	MA, Philosophy
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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
Any Other	10
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Ekanki	District level	8
Short Drama	District level	5
Solo Dance	District Level	1
Group Dance	District level	8
Debeat	District Level	2
oratory	District level	1
Ekanki	College Level	8
Group song	Institution level, District Level	7
Solo song (classical)	College Level	1
Solo song(facile)	College 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
Nill	NIL	Nill	Nill	Nill	NIL	NIL
No file uploaded.						

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. After 2017-18 students elections are not held in the state due to

reasons not known to us. 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 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, Airmarshal 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. Sr. No Session Counselling and classes on Banking Counselling and classes on Insurance Counselling and classes on Administrative services Personality Development Classes CSIR NET Classes
3. 2019-20 03 04 04 06 20 2. 2018-19 10 09 15 04 18 3. 2017-18 4. 2016-17 08 06 07 05 15 5. 2015-16 14 04 06 04 10 2.
4. 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
5. Financial Support to the College Financial support of Rs. 1,50,000/- was provided to the college in the year 2019-20
6. 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.
7. 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
8. Arranging for placement drives and Mock interviews.

5.4.2 – No. of enrolled Alumni:

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

257000

5.4.4 – Meetings/activities organized by Alumni Association :

03 ALUMNI MEETING 7TH SEPTEMBER 2019 (DR. RAJENDRA SINGH VISIT) Following members were present 1. Sh. RaviPrakash langer 2. Sh. Vijay Ushariya 3. Sh. Satyendra Shrivastav 4. Sh. Sanjay Sharma 5. Dr. Sanjay Sharma 6. Dr. Rekha Khanna 7. Dr. Brijesh Pare 8. Dr.Jeeven Singh Solanki 9. Sh. Manoj Sharma 10. Sh. Mohammad Sadiq 11. Sh. Ajay Tikku 12. Sh. Satish Daga 13. Sh. Nischal Yadav

The meeting was organized before the session of Dr. Rajendra Singh the Water man of India in the morning of 7th September 2019. Alumni association approved following points after discussion ? Coaching support for Banking, Insurance and public service commission exams to be extended to the on campus students of Madhav Science College Ujjain through Whatts app Study groups and through face to face classes ? Endowments in the form of Instrument and books to be extended ? Alumni Association to work towards the brand building of college ? Association to support in the placement of fresh passing out students Alumni Association has organized the talk of Dr. Rajendra Singh the Water man of India Magsaysay awardee in the college, he talked about bringing in a white paper on Shipra and working towards the water management and water conservation Dr. Rajendra Singh appreciated college for working towards eco restoration in the form of plantation activities to slow water run down during rainy season.

ALUMNI MEETING 29TH OCTOBER 2019 1. Sh. RaviPrakash langer 2. Sh. Vijay Ushariya 3. Dr. Sanjay Sharma 4. Dr. Rekha Khanna 5. Dr. Brijesh Pare 6. Dr.Jeeven Singh Solanki 7. Sh. Manoj Sharma 8. Sh. Ajay Tikku 9. Sh. Satish Daga 10. Sh. Nischal Yadav 11. Sh Ajay Chaturvedi 12. 12. Ms. Komal Chelaramani 13. Ms. Shruti Sharma 14. Ms. Surabhi Shukla 15. Km. Shivangi Vyas 16. Sh. Lokendra Dodiya 17. Sh. Yash Soni 18. Ms. Pooja Kumavat 19. Sh. Yashwant Bairagi 20. Ms. Harshita Sharma 21. Mr. Vishal 22. Mr. Harish Jatwa 23. Ms. Priyanka Sahu 24. Ms. Poorva Jain 25. Ms. Ritu Sharma ? Alumni association reiterated the organization of various competitive classes in the college and assured to extend support in the form of placement help ? Personality Development support by Sh. Vijay Ushariya was also applauded ? Alumni association also gave a call to influential alumni running their own organizations to help students with internships and trainings ? Development in the form of technology support and computer systems was also promised.

ALUMNI MEETING 18TH NOVEMBER 2020 1. Dr. Rekha Khanna 2. Dr. Brijesh Pare 3. Dr.Jeeven Singh Solanki 4. Sh. Manoj Sharma 5. Sh. Ajay Tikku 6. Sh. Satish Daga 7. Sh. RaviPrakash langer 8. Sh. Vijay Ushariya 9. Dr. Sanjay Sharma 10. Dr.Deependra Singh Raghuvanshi 11. Sh. Nischal Yadav 12. Sh Ajay Chaturvedi 13. 12. Ms. Komal Chelaramani 14. Ms. Shruti Sharma 15. Ms. Surabhi Shukla 16. Km. Shivangi Vyas 17. Sh. Lokendra Dodiya 18. Sh. Yash Soni 19. Ms. Pooja Kumavat 20. Sh. Vallabh Bansiya 21. Ms. Sakshi Rajvaidya 22. Mr. Vishal Gehlot 23. Mr. Arvind Rathore

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
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 imbining 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
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.

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

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.

Library, ICT and Physical Infrastructure / Instrumentation

? 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.

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 Guest Faculty https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_28ce5e333717473d89077eb12d93a8ec.pdf

Industry Interaction / Collaboration

? 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

Admission of Students

Admissions are through online admission portal managed and hosted by DHE Govt. of M.P. by a well chartered procedure. Rules are framed by DHE which takes into account reservation

policy updated time to time by the govt. Generally admission is completed in a three step process. Last step is college level counseling. All admissions to the opening batch of the respective programs are completed by 15th of August.

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

E-governace area	Details
Planning and Development	? 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	? 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 Open Book Examination

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
Nill	NIL	NIL	NIL	Nill
No file uploaded.				

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)
2020	Capacity building programme for Teachers Education Software/L MS	Capacity building programme for Teachers Education Software/L MS	16/10/2019	16/10/2019	73	19
2019	Capacity Building programme on computer usage	Capacity Building programme on computer usage	01/10/2020	30/10/2020	64	18
2020	FDP Online Teaching tools and digital Platforms	NIL	27/06/2020	28/06/2020	73	Nill
2020	FDP on HPLC	NIL	05/10/2019	20/10/2019	9	Nill
2020	FDP Medicinal Plants	NIL	21/01/2020	28/02/2020	6	Nill
2020	Future Technology in post covid era	NIL	01/07/2020	07/07/2020	84	Nill
2019	Governance bench marking and Admini	Governance bench marking and Admini	12/07/2019	14/07/2019	36	6

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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
Symbiosis University of Applied Science India One week online FDP on computational Tools and Technical MATLAB	1	27/07/2020	31/07/2020	5
Short Term courses Covid-19 crisis awareness: immunity boost by plants and yoga	1	08/06/2020	14/06/2020	7
Research article writing: online presentation	1	01/08/2020	07/08/2020	7
Research Article Writing and Online Academic Presentation	1	17/08/2020	23/08/2020	7
FDP Medicinal Plants	6	21/10/2020	28/10/2020	8
FDP on HPLC	9	05/10/2019	20/10/2020	15
FDP Online Teaching tools and digital Platforms	73	27/06/2020	28/06/2020	2
Capacity Building programme on computer usage	64	01/10/2020	30/10/2020	30
Capacity building programme for Teachers Education Software/LMS	73	16/10/2020	16/10/2020	1
Future	27	01/07/2020	07/07/2020	7

Technology in post covid era

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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, Retirement benefits	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 janabhidari 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/ Grants received in Rs.	Purpose
Mr. Ashish Tiwari Alumni Madhav Science P.G. College Ujjain, Dr. Aruna Dhobale Alumni Employee	257000	Equipment Support

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6.4.3 – Total corpus fund generated

30971145

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	Yes, academic audit of teachers is done through	Yes	Principal

		ACRs		
Administrative	Yes	Yes Financial Audit is done	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
2019	Analysis of Results specifically of B.Sc. programme in 2018-19. Identification of slow and fast Learners by academic Counselling cell	10/07/2019	10/07/2019	30/09/2020	30
2019	Review of Learning objectives of programmes and courses by individual	01/12/2019	01/12/2019	30/09/2020	24

	departments and effective attainment of learning objectives of courses and programmes,				
2019	Induction classes for first batch of UG Classes to start from 02nd of July 2019. A team of professors to conduct induction classes is being floated. Report of Induction classes to be submitted with photographs just after the schedule is completed til	02/07/2019	02/07/2019	08/07/2019	1161
2019	Organization of Trainings and academic events and spoken tutorials for the students	01/07/2019	01/07/2019	31/03/2020	540
2019	Synchroniz ation of all activities in EAT (Excellence Acquisition schedule). Flagship Programme to be synchronized with all other calendars St	01/07/2019	01/07/2019	31/12/2020	486

	renghthening of Eco restoration activities				
2019	Different Audits for the college	01/07/2019	01/07/2019	31/12/2020	15
2019	Organization of FDP for Teachers and Professional Development programmes for Non-Teaching Employees	01/07/2019	01/07/2019	31/12/2020	102
2020	Online classes through Google classroom LMS	10/04/2020	10/04/2020	31/12/2020	2573
2020	Organization of Webinars and online events	01/06/2020	01/06/2020	31/12/2020	10000
2019	Society connect programme Involvement of students in Field projects other than the projects mandatory for their degree.	01/07/2019	01/07/2019	31/12/2020	265
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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	09/09/2019	09/09/2019	25	10

Celebration of Women's Day Under Quomi Ekta Saptah	24/11/2019	24/11/2019	40	10
Sexual harassment and AIDS awareness Program by NSS and NCC	02/12/2019	02/12/2019	60	65
Human Right program (10-12-2019)	10/12/2019	10/12/2019	28	32
International Women's Day	08/03/2020	08/03/2020	50	28
Indian Women in Science on the Occasion of National Science Day	28/02/2020	28/02/2020	34	36
Vigyan Suta Award to female student to felicitate contribution Towards reducing carbon footprints	09/03/2020	09/03/2020	1	Null
?????Certificate of Appreciation for being an outstanding mother to Smt. Kalpana Tiwari and Smt. Komal Gurdasawani	15/08/2020	15/08/2020	2	Null
Talk on Gender equity and equality	07/03/2020	07/03/2020	16	24
Hemoglobin Test and Women health check up	08/02/2020	08/02/2020	25	Null
Traffic Awareness for Females Students	18/02/2020	18/02/2020	18	Null
Women Health check up	07/10/2019	07/10/2019	38	Null
Webinar on Gender Equity and Gender Equality	30/07/2020	30/07/2020	800	478

Mahatma and Women Empowerment Interaction with Laxmi Aragwal	23/11/2020	24/11/2020	1200	596
Art and Education: Two Faces One Soul by Padmashree Shobhna Narayan and Dr. N. Ratnashree	12/08/2020	13/08/2020	105	78

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	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
2020	7	140	14/04/2020	180	E PROJECT STUDENT COVID 19 WARRIORS	COVID AWARENESS AND TRACKING	49
2020	7	8	23/05/2020	30	MASK DISTRIBUTION	Prevention from COVID	27
2020	7	30	15/04/2020	30	FOOD PACKET DISTRIBUTION	FOOD PACKET DISTRIBUTION	15

					STRIBUTIO N	STRIBUTIO N	
2020	7	40	19/04/2 020	230	COLLEGE HELPLINE	Regarding Corona Online Education	30
2020	7	15	15/04/2 020	155	AWARENESS CAMPAIGN FOR COVID 19 THROUGH VIDEO, E POSTERS	COVID AWARENESS	39
2020	7	4	01/06/2 020	3	Role of Indian culture and Haritage in Covid Era 1-3 June	AWARENESS About COVID	118
2020	7	4	29/11/2 020	1	Interna tional Webinar On Fitness During Covid 29/ 11/2020	AWARENESS About COVID	129
2020	7	4	27/06/2 020	2	Online Teaching Tools and Digital Platforms 27/06/202 0 to 28/0 6/2020	AWARENESS About COVID	111
2020	7	4	30/06/2 020	2	Covid 19 Immuno pathology Clinical Manifesta tions and therapeut ic measur ements 30 /06/2020 to 01/07/ 2020	AWARENESS About COVID	150
2020	7	1	01/07/2 020	7	Future Technolog ies in Covid	Technol ogies During Covid	84

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

Title	Date of publication	Follow up(max 100 words)
College Brochure	30/06/2019	Brochure in the form of flip book is sent to all student
Student Charter For on campus in house students	01/07/2019	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	01/07/2019	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	01/07/2019	For the academic fraternity inclusive of teachers, technical staff and non teaching employees
Research Policy	01/07/2019	For research centre in the college and research scholars.
Career Guidance Calendar	01/08/2019	Career Guidance Calendar is published as per the activities received from DHE Bhopal customized college activities are included in this calendar.
Synchronised EAT Module	01/07/2019	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	19/11/2019	22/11/2019	389
Run for Unity	31/10/2019	31/10/2019	134
Human Right program	10/12/2019	10/12/2019	39
Activities to promote cleanliness among students and society Including Swacchta Pakhwara	10/07/2019	16/02/2020	251
Developing Cognitive empathy Through social service based activities like Blood donation Camps Beti Bachao Disaster Management Protection of Children from. Sexual offences (POCSO) act	15/08/2019	15/02/2020	324
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- Solid waste management through vermicomposting and e waste management practices strengthening know your system project launched in 2018-19
- Expansion in green cover through regular plantation during rainy season and then conservation of green cover through various activities like regular care of plants.
- Creating awareness for Eco restoration and carbon footprints among students through students projects on Solar Energy and Water resource management.
- Neutralization of Laboratory water before Discharge in Chemistry Lab, establishment of green PG LABS
- Green audit , Energy audit and Environmental Audit.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

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

OBJECTIVES. ? Holistic development of students: Focus is on socioeconomically underprivileged students

? Creating young individuals with scientific temperament and value system having concern, care and empathy for the society and ecosystem ? Extending helping hand to the society for creation of scientifically enriched analytical, democratic, social system which has deep sense of respect for the scientific and cultural heritage of the country ? Providing important impetus for society, through industry interactions brought in by UG and PG Research programmes 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.

CONTEXT. Strong System of higher education is a significant contributor to the country's ability to compete in the global marketplace and is critical to social wellbeing, economic strength, scientific awareness and position as world leader. Colleges are brewing cauldrons, with fresh aroma of young energy, but these are complex organizations facing difficult and multifaceted challenges. One of them is preparing productive scientifically inclined value based leaders who has the capability to add in the progress of Nation in 21st century. This can only be done through holistically developed young individuals. Holistic education aims at helping students to be the most that they can be. According to Abraham Maslow this is "self - actualization" where the focus is on the development of every student's intellectual, Scientific, emotional, social, physical, artistic, creative and spiritual potentials. The best practice is not a combination of some water tight compartmentalized activities rather it revolves around a core of excellence framework very intricately strewn around there major stakeholders Students, Teachers and society. Society is the lab where practices are undertaken. The practice requires ? A through and clear draft of activities explained to students in advance (Scientific workflow) ? Training of students to implement activities (communication exercises, Time management) ? Healthy rapport with society (Soft skills exercises) Managing time is the major challenge faced during the implementation of practice, as students have their examination schedule, internal examinations and academic work to complete. Students need to be counselled to devote extra time to complete the activities designed for the practice.

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, 2 to 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)
Swachta Pakhwada (Cleanliness drive, Swachta 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 POC SO 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

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.

OBJECTIVES. ? Better understanding of complicated scientific laws ? Creating young individuals with scientific temperament and robust analytical thoughtful persona. ? Providing important impetus for society, through industry interactions brought in by UG and PG Research programmes ? Promoting useful innovation ecosystem on campus. The practice has resulted into the better understanding of academic content, as is evident from the results and merit positions secured every year by the college students. Students have better insight into their own skills, interests, passions and values. With the help of the practice students have skill sets which helps in boosting their moral, confidence and bring in leadership skill naturally.

CONTEXT. There is a pan India consensus, which recognises the criticality of education as the most important driver for socioeconomic and political transformations. The catalytic role played by higher education in National Development can never be ignored and has a very important say in the knowledge society. Post-secondary education needs to prepare graduates with new measurable skill sets and a wide range of competencies to enter a more complex and interdependent world. Experiential Learning is the process of learning by doing, the practice aims at engaging students in hands-on experiences and reflection, they are better able to connect theories and knowledge learned in the classroom to real-world situations. College is practicing experiential learning in ? Curricula (Practicals in UG and PG classes) ? CCE Modes Projects individual as well as group projects ? UG and PG Research programme RD based ? Society connect programmes and outreach activities

When students participate in experiential education opportunities, they gain: ? A better understanding of course material ? A broader view of the world and an appreciation of community ? Insight into

their own skills, interests, passions, and values ? Opportunities to collaborate with diverse organizations and people ? Positive professional practices and skill sets ? The gratification of assisting in meeting community needs ? Self-confidence and leadership skills 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)

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

https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_2d355ab6d34b4d48ae332a01b7e451e5.pdf

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

College is one of the biggest colleges in the Ujjain region and is the only college catering specifically to science students in this region. Nurturing young minds to holistic persona, in a way that they can have an edge for environmental issues while practicing science with values and scholastic aptitude is the vision of college as stated clearly in the vision statement and tag line of IQAC ' ' Knowledge only triumphs' '. Here emphasis is not only on studying and practicing science in Laboratories but focus lies on bringing research from labs into the society. An ecosystem has created with conscious efforts with focus on Learner centric experiential learning. Social labs have become an indistinguishable component of teaching, learning and evaluation mechanism. The concerted efforts culminate to the holistic development of students empowered with Intellect, values, concern for the environment and society. Practice is carried out with a well-knit excellence framework strewn around a galaxy of flagship programme through EAT (Excellence Acquisition Tenure). EAT synchronizes various academic and co-curricular activities with in a measurable robust time bound mechanism. There are three axes to the practice concomitant at one point, these are Teachers, students and Society, we call this approach as h³ approach, where where h stands for head of thinker (Teacher), h for heart of Student, h for heart of society. All students are the genuine beneficiaries of practice, but as per the gap analysis the focus is kept on socioeconomically disadvantaged students, these students have three types of challenges Rural background leading to decreased level of self-perception some time Peer Pressure Language barrier Financial limitations Activities are designed keeping in mind these issues. EXECUTION OF THE PRACTICE DESIGN OF ACTIVITIES (TEACHER): Society Connect Programme is launched by Dean Society Connect Programme. NSS officer, NCC Officer and all Flagship programme coordinators are the members of SCP committee. Activities are designed and communicated to IQAC, IQAC prepares EAT and declares it to all teachers and students. Activities are carried according to EAT. Many activities are launched, students are motivated to join activities as per their interest. In case of society based research projects launched by individual departments, HOD of the concerning department submits the detailed project to R D cell, which is then analyzed and if sanctioned. College provides infrastructural support, ICT Facilities, Remote access to the library and physical library facilities. A Faculty is also appointed to guide these students. Students are encouraged for study tours so that they can not only visit the nearby places of importance but they can mix with the society in general and understand their issues. EXECUTION THROUGH DIFFERENT METHODS (STUDENT): Students are the executors as well as

moderators for the activities. They are provided trainings as and when required to hone their skill sets, necessary information by the teachers and resources required. NSS unit conducts orientation programme for the students in the beginning of every session. NSS and NCC units organize 7 days residential camp in the adopted village/ localities.

Provide the weblink of the institution

https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_a8806c612ac64d80a1928bfa649b4cac.pdf

8.Future Plans of Actions for Next Academic Year

2019-20 was a tough session due to pandemic, many new normals are framed and traditional methods in teaching and learning took back seat. Future plans for 2020-21 are as follows ? New courses in UG and PG. including B.Sc. Hons. Courses in Physics and Chemistry to be launched from session 2020-21 ? New Value added and add on courses to be launched ? Strengthened programmes for advanced and slow learners ? EAT module for 2020-21 to be launched ? New proposal for construction of media resource center to be sent to govt ? Proposal for Basketball court construction to be sent to govt. ? Skill based training to students training for non-teaching staff and FDP for teaching faculty ? MOU and establishment of solar Energy Workshop to enhance concept of self-reliance ? MOU with Wellness education centre to strengthen Value added education. ? Preparing for NIRF and securing a good rank ? New R D Proposals to be sent to funding agencies like UGC, DST, SERB and MPCST ? Proposal for giving incentives for achievements to faculty to be submitted to Janabhagidari samiti ? Establishment of research grant for eligible UG and PG research groups on the recommendations of RD Cell.