



Yearly Status Report - 2015-2016

Part A

Data of the Institution

1. Name of the Institution		GOVT MADHAV SCIENCE COLLEGE
Name of the head of the Institution		Dr.Usha Shrivastava
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.Deependra Singh Raghuvanshi
Phone no/Alternate Phone no.	07342511803
Mobile no.	9993591888
Registered Email	madhavsciencecollegeujjain@gmail.com
Alternate Email	drdeependrasingh@gmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.mphighereducation.nic.in/Portal/Handlers/AQAR_ReportByID.ashx?ID=204
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_696d898898f245369fa5ea512a31cc03.pdf

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
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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-2015	2020

internal quality assurance cell	01	
Regular meeting of internal quality assurance cell	04-Nov-2015 01	2020
Regular meeting of internal quality assurance cell	02-Apr-2016 01	2020
Feedback taken from students alumni employers and teachers	27-Feb-2015 30	2020
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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
Govt. Madhav Science P.G. College Ujjain	Salary Component	State Govt	2016 01	852201834
Govt. Madhav Science P.G. College Ujjain	Salary Arrears	State Govt.	2016 201516	15523197
Govt. Madhav Science P.G. College Ujjain	Books Sc/St	State Govt.	2016 201516	255982
Govt. Madhav Science P.G. College Ujjain	Telephone	State Govt.	2016 201516	10235
Govt. Madhav Science P.G. College Ujjain	Electricity	State Govt.	2016 201516	256602
Govt. Madhav Science P.G. College Ujjain	Liveries	State Govt.	2016 201516	43856
Govt. Madhav Science P.G. College Ujjain	Stationary	State Govt.	2016 201516	2160
Govt. Madhav Science P.G. College Ujjain	Material	State Govt.	2016 201516	23380
Govt. Madhav Science P.G. College Ujjain	Affiliation	State Govt.	2016 201516	20625
Govt. Madhav Science P.G. College Ujjain	Carrears	State Govt.	2016 201516	20000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
NAAC peer team visit September 2015	
Workshop on Bioinformatics	
National Consortium on Photonics "Economic aspect of Photonics" celebration of "International Year of Light based technologies 2015"	
Career Fair 2015	
Publication of Research Papers in High quality Journals	
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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	Achievements/Outcomes
Simhastha 2016 Participation	Participation of college in helpdesk, College and Principal of the college to act as nodal agency for Simhastha helpdesk Establishment of camps in Simhastha 2016 by NSS and NCC wing of the college Simhasthasevasamman to Principal 04 faculty and 04 Nonteaching staff
Improvement in social activities (NSS INITIATIVE)	AIDS Awareness 28/01/2016 07 days Special camp November 2015 40 days Special camp on Simhastha JANUARY 2016

	NATIONAL SERVICE AND INTEGRATION (NCC ACTIVITIES)
Participation of Faculty in seminar/ Conferences	62
Publication of Research Papers in High quality Journals 01/07/2015 TO 30/06/2016	62
Placement activities	Total 126 students got Offer letters during campus placement and career fair
Career Fair 2015	Organized 10/11/02/2016
Organization of seminars / conferences and training for faculty and students	Workshop on Bioinformatics National Consortium on Photonics " Economic aspect of Photonics" celebration of "International Year of Light based technologies 2015"
Preparation of NAAC Peer team visit for reaccreditation in September 2015	College Awarded A Grade with CGPA 3.17
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Janbhagidarismamiti	10-Feb-2016

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
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Date of Visit	21-Aug-2015
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2016
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Date of Submission	08-Feb-2016
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17. Does the Institution have Management Information System ?	Yes
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If yes, give a brief description and a list of modules currently operational (maximum 500 words)	MANAGEMENT INFORMATION SYSTEM Being a govt. college management Information system developed depending on the online portals developed by the department of higher education govt. of M.P., as well as by Vikram university Ujjain. The portals used by the college to extract and analyze information are
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1. Admission portal of the DHE 2. Examination Portal 3. Scholarship Portal 4. Establishment link of the DHE 5. E Service book link of DHE 6. For financial data MP treasury link 7. AGMP for provident fund related information Information is extracted from the portals and then analyzed and stored in the central server of the college. Information is available for all reports there.

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

Institution ensures the effective curriculum delivery through a well-planned and documented procedure. Academic calendar provided by the department of higher education is uploaded on the college website and college strictly adheres to the academic calendar. A detailed timetable is prepared by timetable committee headed by the principal and convened by a senior faculty member. Timetable envelopes efficiently curricular activities like theory classes, practical classes, CCE, tutorials, Chamber consultation hours, ICT, library, value added courses, add-on classes and space is provided for co-curricular activities too. Head of the department takes care of the internal distribution of time table. Syllabus units are distributed to individual teachers depending upon their expertise. Entry behavior of students is judged by individual teachers in the starting classes through quiz and interactions. Teachers prepare the lesson plan and teaching content to deliver to students. Lesson plan is notified to students through notice boards in the departments. Different teaching methodologies are adopted by teachers, this includes Lecture method: Lectures are used to convey information, background and theories relating to various scientific laws. Use of ICT: for student centric approach of curriculum delivery. The college is well equipped with state of the art smart class rooms, virtual class rooms, audio-visual and other ICT facilities which are extensively used by teachers in day to day teaching to make delivery of the curriculum attractive to students. Video lectures: For in depth extensive implementation of curriculum, special lectures delivered by eminent scholars on topics related to the curriculum further intensify learning experience. Simulation Classes: Simulation classes are mainly used to implement practical Curriculum Online Groups: For effective curriculum implementation whatsapp and email study groups are created Field Projects and experiential learning: This methodology is used to implement applicatory part of the curriculum more predominantly in P.G.Classes Assignments Workshops & Seminars : Interactive teaching is promoted through students' participation in group discussions, quizzes workshops and seminars Value Added courses: Curriculum is enriched and strengthened through 30 hour value added courses, college notifies these value added courses through notice boards and classroom informations. A uniform time table is prepared for Internal Evaluation Exams. Internal exam coordinator ensures smooth conduction of exam and proper valuation of internal books. Examination cell headed by senior faculty keeps track of the syllabus covered, through HOD. The daily diary maintained by teachers keep record of the syllabus covered. Diary is signed by the Individual Teacher and countersigned by HOD and Principal of the college. Of the 13 declared CCE modes, different

classes are allotted different CCE modes making the process more analytical and exhaustive, this gives a fair insight into the effective curriculum delivery

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Good manufacturing practices in pharmaceutical industry	Nil	12/08/2015	45	yes	yes
spoken tutorials	Nil	01/08/2015	180	Nil	yes
add on certificate course on laboratory practices	Nil	19/07/2015	15	yes	yes
Bio Membrane models: An Interface with Drug delivery Systems	Nil	12/08/2015	45	yes	yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Physics CS/ CA Maths electronic chemistry statistic economics geology geogrphy	01/07/2015
BSc	chemistry botany zoology pharma micro bioinformatics biotechnology	01/07/2015
MSc	chemistry	01/07/2015
MSc	botany	01/07/2015
MSc	Zoology	01/07/2015
MSc	Mathematics	01/07/2015
MSc	Pharmaceutical Chemistry	01/07/2015

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

	Certificate	Diploma Course
Number of Students	690	Nil

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	12/08/2015	8
Bio Membrane models: An Interface with Drug delivery Systems By Dr. Kalpana singh	16/11/2015	10
Bio Membrane models: An Interface with Drug delivery Systems By Dr. Kalpana singh	06/02/2016	12
Good manufacturing practices in pharmaceutical industry By Dr. Arpan Bhardwaj	12/08/2015	10
Good manufacturing practices in pharmaceutical industry By Dr. Arpan Bhardwaj	16/11/2015	6
Good manufacturing practices in pharmaceutical industry By Dr. Arpan Bhardwaj	06/02/2016	9
spoken tutorials	01/08/2015	600
add on certificate course on laboratory practices	19/07/2015	40
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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	Field Projects challenged ground water footprints A pressure indicator for Upcoming Ujjain ground water crisis, An analysis in Simhastha 2016 context	5
Nil	UG Projects undertaken as part of curriculum	389
Nil	PG Projects undertaken as part of curriculum	106

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

FEED BACK ANALYSIS PROCESS

1. Introduction :- Feedback is an essential part of all education processes. This feedback gives us very important information about all the processes and aspects of higher education. Feedback clearly and explicitly identifies what needs to be improved in order to solve the problem.

2. Sample and Tools :- Data is collected through questionnaires by randomly selected students of 6th sem of every faculty. Sample size was selected at whole population (Total numbers of students) of 6th sem students. A sample table is constructed as follows Table -1 Population and sample of 6th sem

Program No.	Of Student Sample	B.Sc(Science)	M.Sc (Chemistry)	M.Sc (Botany)	M.Sc (Zoology)	M.Sc (Mathematics)	M.Sc (Applied Microbiology)	M.Sc (Pharmaceutical Chemistry)
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Tools :- Two feedback questionnaires are used for the analysis. First(1) Course assessment Questionnaire and Over all rating of programme by students Second(2). Overall rating of different segments.

3. Analysis and interpretation of the data:- The data analysis through the evolution of feedback scale questionnaire was interpreted on the basis of scoring table. The following table was developed for the statistical analysis of the questionnaire. Table-2 Scoring table to interpret Raw data. Range of Row Scale Percentage Interpretation 10Point 100-80 Very Good No. Of responses 79-50 Average 49-40 Very Poor Different Tables were prepared for different legends, Graphical Charts were prepared and the swoc analysis of the program is prepared based upon the data. The feedback is placed in the statutory body for analysis

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	Bsc	920	1500	804
BCA	BCA	60	53	53
MSc	Botany	35	19	19
MSc	Chemistry	35	40	35
MSc	APP MICRO	30	7	7
MSc	Drug and PH CHEM	50	20	14
MSc	MATHS	80	67	67
MSc	ZOOLOGY	35	25	24

Nil	PGCQAM	30	6	6
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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
2015	1647	313	32	2	29

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
63	40	8	4	1	5

[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 2015-16 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 30 students clubbed with each teacher guardian • Strong Feed back mechanism Dr. NEELAM KAPIL COORDINATOR TEACHER GUARDIAN CELL

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1960	63	1 : 31

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	2

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
2016	Dr. Usha Shrivastav	Principal	Chief Minister Medal for outstanding contribution in simhasth 2016
2016	Dr. Arpan Bhardwaj	Professor	Chief Minister Medal for outstanding contribution in simhasth 2016
2016	Dr. Kalpana Singh	Professor	Chief Minister Medal for outstanding contribution in simhasth 2016
2016	Dr. J.S. Solanki	Assistant Professor	Chief Minister Medal for outstanding contribution in simhasth 2016
2016	Dr. R.L. Bhambhra	Assistant Professor	Simhasth Seva Padak simhasth 2016
2016	Shree Sumanshu Sharma	Lecturer	Simhasth Seva Padak simhasth 2016
2016	Shree Anil Prajapati	Lecturer	Simhasth Seva Padak simhasth 2016
2016	Dr. Pradeep Lakhre	Assistant Professor	Vikram Pratibha samman
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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	4th sem	20/06/2016	16/08/2016
MSc	C044	3rd sem	10/12/2015	31/01/2016
MSc	C044	2nd sem	18/06/2016	06/09/2016
MSc	C044	1st sem	30/11/2015	04/03/2016
BSc	BSC PCM CBZ	6th sem	17/06/2016	07/07/2016
BSc	BSC PCM CBZ	5th sem	08/12/2015	12/03/2016
BSc	BSC PCM CBZ	4th sem	28/06/2016	24/10/2016

BSc	BSC PCM CBZ	3rd sem	11/12/2015	18/02/2016
BSc	BSC PCM CBZ	2nd sem	29/06/2016	03/11/2016
BSc	BSC PCM CBZ	1st sem	12/12/2015	16/03/2016
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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 rote 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/II Sem 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 III/ IV Sem Chart Short answer type Assignment PPT B.Sc V/VI Sem 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 Cultural Calendar Career activities Calendar CCE Schedule Calendar Practical Exam Calendar Examination schedule is prepared and declared by the university for the whole university jurisdiction. University also notifies about the online entry of marks to be completed by the college viz CCE marks and practical marks.

2.6 – Student Performance and Learning Outcomes

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

https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_bdcd3d6eba404a9ba2a18b59c941018d.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
BSC PCM CBZ	BSc	Bsc PCM CBZ	356	353	99.15%
C030	BCA	BCA	33	33	100%
C044	MSc	Chemistry	18	15	83%
C053	MSc	Drug and pharma	14	14	100%
C043	MSc	Botany	9	9	100%
C050	MSc	Mathematics	44	44	100%
C056	MSc	Zoology	16	16	100%
C051	MSc	App.Micro	5	5	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/ccbcb0_2510c1fdab7c4b79ab0f923d8886cb463.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Students Research Projects (Other than compulsory by the University)	2016	Govt. Madhav Science P.G. College Ujjain	Nil	Nil
Minor Projects	2015	UGC	310000	310000
Major Projects	2015	M.P. Council of science technology	2868000	2868000

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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 Bioinformatics: industry academia interface	Bioinformatics	10/09/2015
"From Photonics to Economic Impact of Light" national consortium of scientists year(2016)	Chemistry	03/02/2016
Workshop on Maintenance of High end Technical Equipments	Pharmaceutical Chemistry	25/07/2015

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	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
01	Swavlamban	Nil	Kaithwas Plastic Udyog MP490003967	Plastic Udyog	01/02/2016
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
Nil	Nil	Nil

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

Name of the Department	Number of PhD's Awarded
CHEMISTRY	3
Botany	1
Zoology	2
Mathematics	2
Total	8

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	22	2.4
International	Botany	8	Nil
International	Zoology	12	Nil

International	Physic	5	Nill
International	Bioinformatics	2	Nill
International	English	9	Nill
International	Hindi	Nill	Nill
International	Geology	1	Nill
International	Biotechnology	1	Nill
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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
Biotechnology	1
Botany	1
Zoology	3
Chemistry	3
Physics	7
Chemistry	3
Botany	4
Zoology	3
Bioinformatics	2
Chemistry	22
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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
Visible light-driven photocatalytic degradation and mineralization of the malachite green dye in a slurry photoreactor	Bhawna Sarwan, A. D. Acharya Brijesh Pare	Journal of Dispersion Science and Technology	2015	3	Department of Chemistry Govt. Madhav Science College Ujjain India	3
Spectrofluorometric determination of mercury and lead by	Manmohan L Satnami, Sandeep K Vaishnav, Rekha Nagwanshi, Kallol K	Journal of Dispersion Science and Technology	2015	20	Department of Chemistry Govt. Madhav Science	20

colloidal CdS nanomaterial	Ghosh				College Ujjain India	
Adsorption kinetics and binding studies of protein quantum dots interaction: a spectroscopic approach	Sandeep K Vaishnav, Jyoti Korram, Rekha Nagwanshi, Kallol K Ghosh, Manmohan L Satnami	Journal of fluorescence	2016	8	Department of Chemistry Govt. Madhav Science College Ujjain India	8
Interaction of thiolated amino acids and peptide onto the gold nanoparticle surface: Radical scavenging activity	Manmohan L Satnami, Kumudini Chandraker, Sandeep K Vaishnav, Rekha Nagwanshi	NISCAIR-CSIR, India	2015	5	Department of Chemistry Govt. Madhav Science College Ujjain India	5
Radical scavenging efficacy of thiol capped silver nanoparticles	Kumudini Chandraker, Sandeep Kumar Vaishnav, Rekha Nagwanshi, Manmohan L Satnami	Journal of Chemical Sciences	2015	4	Department of Chemistry Govt. Madhav Science College Ujjain India	4
CdS quantum dots: aqueous synthesis, spectroscopic and microscopic investigation	Manmohan L Satnami, Sandeep Kumar Vaishnav, Rekha Nagwanshi, Kallol K Ghosh	J Indian Chem Soc	2015	3	Department of Chemistry Govt. Madhav Science College Ujjain India	3

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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
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Social problems and environment	Dr.Shobh aSchouche	international journal of research Granthalaya	2015	3	Nil	Department of Zoology Govt. Madhav Science College Ujjain India
CdS quantum dots: aqueous synthesis, spectroscopic and microscopic investigation	Dr.Rekha Nagwanshi	J Indian ChemSoc	2015	8	3	Department of Chemistry Govt. Madhav Science College Ujjain India
Radical scavenging efficacy of thiol capped silver nanoparticles	Dr.Rekha Nagwanshi	Journal of Chemical Sciences	2015	8	4	Department of Chemistry Govt. Madhav Science College Ujjain India
Interaction of thiolated amino acids and peptide onto the gold nanoparticle surface: Radical scavenging activity	Dr.Rekha Nagwanshi	NISCAIR-CSIR, India	2015	8	5	Department of Chemistry Govt. Madhav Science College Ujjain India
Spectrofluorometric determination of mercury and lead by colloidal CdS nanomaterial	Dr.Rekha Nagwanshi	Journal of Dispersion Science and Technology	2016	8	20	Department of Chemistry Govt. Madhav Science College Ujjain India
Visible light-driven photocatalytic	Dr.Brijesh Pare	Nil	2015	13	Nil	Department of Chemistry

c degradat ion and mi neralizati on of the malachite green dye in a slurry pho toreactor						Govt. Madhav Science College Ujjain India
Adsorption kinetics and binding studies of protein quantum dots inter action: a spectrosc opic approach	Dr.Rekha Nagwanshi	Journal of fluores cence	2015	8	7	Department of Chemistry Govt. Madhav Science College Ujjain India
A checklist of Butterf lies from Vikramvati ka Ujjain, Madhya Pradesh	Dr.Shobh aSchouche	An Inter national journal of Biology and life sciences Global Science Pu blication	2016	3	Nil	Department of Zoology Govt. Madhav Science College Ujjain India
Construc tion and Analysis of Myopathy and Parkinson disease protein network Published in vol.7	Dr.Shobh aSchouche	internat ional journal of current research and review	2015	3	Nil	Department of Zoology Govt. Madhav Science College Ujjain India
Butterfly Fauna in Four sites of Ujjain city madhay Pradesh, India	Dr.Shobh aSchouche	Internat ional Journal of Biological Research and develo pment	2015	3	Nil	Department of Zoology Govt. Madhav Science College Ujjain India

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
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Attended/Seminars/Workshops	7	88	Nil	Nil
Presented papers	18	5	Nil	Nil
View File				

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
Work Shop	NSS and PanditKunjilalDubey National Cabinet	3	62
Digital India Workshop	NSS and SBI (Business Incubation centre ??????????)	2	100
Digital India Workshop	NSS and Vikram University (Business Incubation centre ??????????)	2	12
Swachh Bharat Internship by mygov.in	NSS (Flagship Program ViSTAR)	1	9
Aids Awareness	NCC (Flagship program EEHSAS)	4	80
Aids Awareness	NSS Arunodaya (Flagship program EEHSAS]	6	40
Swachh Bharat	NCC (Flagship Program ViSTAR)	4	98
Gender Issue	NSS (Women and Gender Development Cell)	4	62
Gender Issue	NCC (Women and Gender Development Cell)	3	23
Gender Issue	Women and gender development cell (Women and Gender Development Cell)	8	48
View File			

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
Essay Competition	Prize in All	UNI CENTER (India	1

All India Essay Writing Competition ^^OfDRkRofuekZ.kesa vkarfjd thou^^	India Essay Writing Competition	Bhutan)	
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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
Traffic management Awareness Drive	NCC Red Cross Club NSS	Traffic management Awareness	4	110
Blood Donation Camp	NSS NCC Red Cross Club	Blood Donation Camp	16	90
Work Shop	NSS and PanditKunjilalDubey National Cabinet	Cabinet process (18 Jan 2015)	3	62
Digital India Workshop	NSS and SBI	E Banking	2	100
Gender Issue	NSS	Lecture on Gender Sensitization 20-11-2015	3	23
Gender Issue	NSS	Lecture on Gender Sensitization 12-01-2016	4	62
Aids Awareness	NSS Arunodaya NCC (Flagship program EEHSAS)	Essay competition Power point presentation Quiz Poster competition Lecture series Dates -01-12-2015 28-01-2016	12	165
Swachh Bharat	NCC NSS	NCC Day Cleanliness drive at TriveniGhat of Holy Shipra SwatchtaAbhiyan (27Nov 2015) Students carried out Cleanliness drive for 2 hours daily in the month of October	6	150

Gender Issue	Grievance Redressal cell	Sensitization important for Boys than girls : 1 day workshop on gender sensitization 08/01/2015	8	48
Digital India Workshop	NSS and Vikram University	Digital India Workshop	2	12
View File				

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
Workshop on Instrumentation	63	Nil Academic and Technical Support by PGTECH Research Institute Indore	07
View File			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Academic	Research Collaboration	Himalaya International Ltd. Paonta Sahib Himachal Pradesh	01/07/2015	Nil	Nil
Academic	Research Collaboration	Surya Group of Companies GIDC Ankleshwar Gujrat	01/07/2015	Nil	Nil
Academic	Training / project capacity building	PGTECH Research Institution Indore	13/05/2015	Nil	Nil
View File					

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
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PGTECH Research Institution Indore	13/05/2015	Training/ workshops/ Projects/knowledge sharing	Nil
Surya Group of Companies GIDC AnkleshwarGujrat	01/01/2015	Research Collaboration and carrying out Dissertation	Nil
Himalaya International Ltd. Paonta Sahib Himachal Pradesh	01/01/2015	Research Collaboration and carrying out Dissertation	Nil
View File			

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
28.79	28.79

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar Halls	Existing
Classrooms with Wi-Fi OR LAN	Existing
Laboratories	Existing
Video Centre	Nil
Class rooms	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
View File	

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	Partially	SOUL 1.0	2014

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text	35225	17984082	978	971418	36203	18955500

Books						
Reference Books	425	55250	219	27040	644	82290
e-Books	Nil	Nil	50	Nil	50	Nil
Journals	15	Nil	Nil	Nil	15	Nil
e-Journals	Nil	Nil	5	Nil	5	Nil
Digital Database	20	Nil	32	Nil	52	Nil
CD & Video	466	Nil	Nil	Nil	466	Nil
Weeding (hard & soft)	44	4970	Nil	Nil	44	4970
View File						

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
NIL	NIL	Nil	Nil
No file uploaded.			

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	122	2	5	8	1	3	19	100	0
Added	2	0	1	4	0	0	0	100	0
Total	124	2	6	12	1	3	19	200	0

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
NIL	Nil

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

382169

382169

1557670

1557670

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)

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 . https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_739322232362461fb36db8d14d348854.pdf 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.

https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_739322232362461fb36db8d14d348854.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	Nil	0	0
Financial Support from Other Sources			
a) National	Post metric SC	398	3929297
b) International	00	Nil	0
View File			

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 implementation	Number of students enrolled	Agencies involved
Writing computer programmes in CC	17/08/2015	36	BCA Department
Yoga Session	15/08/2015	90	Yoga life society
Computer proficiency workshop	28/09/2015	162	Computer science department
induction	01/07/2015	700	college
Soft Skill Development Spoken Tutorials	01/08/2015	600	IIT Bombay (MHRD N Delhi)
Cooking and Baking	17/08/2015	37	Perfect Cooking Classes, Ujjain
Bridge class	07/07/2015	697	College
Personal counselling	01/07/2015	1960	College
Mentoring	01/07/2015	1960	College Teachers
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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
2015	National & international scholarships available after UG & PG	Nil	22	Nil	Nil
2015	Lecture series on NET/SLET Examination	26	Nil	Nil	Nil

2015	One Day Workshop on Management Entrance Exam	32	Nil	2	Nil
2015	Lecture on Banking and Railway exam	23	Nil	2	Nil
2015	Entry to Defence Services	40	Nil	Nil	Nil
2015	Entry to police Services	38	Nil	2	Nil
2015	Lecture on UPSC & PSC Examination	36	Nil	2	Nil
2015	Career option available after UG	Nil	42	Nil	Nil
2015	Opportunities in higher education	Nil	38	Nil	Nil
Nil	NO of students placed	Nil	Nil	Nil	102
View File					

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
6	6	7

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Money tree	97	46	TCS, Indore	8	2
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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	Department graduated from	Name of institution joined	Name of programme admitted to
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2015	Nil	Nil	Nil	Govt. Madhav Science P.G. College Ujjain	P G Course in Pharmaceutical Chemistry
2015	28	B.Sc Program Govt. Madhav Science College, Ujjain	Chemistry Botany zoology physics Mathematics	Govt. Madhav Science P.G. College Ujjain	P G Course in Chemistry
2015	Nil	Nil	Nil	Govt. Madhav Science P.G. College Ujjain	P G Course in Mathematics
2015	Nil	Nil	Nil	Govt. Madhav Science P.G. College Ujjain	P G Course in Botany
2015	Nil	Nil	Nil	Govt. Madhav Science P.G. College Ujjain	P G Course in Applied Microbiology
2015	Nil	Nil	Nil	School of Studies in Chemistry	P G Course in Chemistry

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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
NET	Nil
CAT	2
Civil Services	2
Any Other	2

[View File](#)

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

Activity	Level	Number of Participants
Basketball	Inter university	1
Inter university athletics	Inter university	3
Instrumental	Inter university	1
Sugamsangeet	Inter university	1
Group song	Inter university	6
Group dance	Inter university	8

Drama	Inter university	8
Cross country race	Inter university	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
2015	JUDO	Internat ional	Nill	Nill	1050974	NEHA VARMA
2015	sliver	Internat ional	Nill	Nill	1095888	VIRENDRA PALATHIYA
2015	First Prize	Internat ional	Nill	Nill	V15R1660 50555	SONALI YADAV,
2015	Third prize	Internat ional	Nill	Nill	V1460510 1064	AASTHIK UPADDHAYA
2015	Third prize	Internat ional	Nill	Nill	V1460508 5760	VIPIN MARMATH
2015	FOURTH prize	National	Nill	Nill	V15R1660 50028	AMAN YADAV
2015	Consolat ion Prize	National	Nill	Nill	V13R1660 50407	Shivangi Vyas
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

5.3.2 Activity of Student Council representation of students on academic administrative bodies/committees of the institution (maximum 500 words) https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_6be3a66ced0745e7ae8bb25fe9f69c72.pdf

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 not held in the state in 2015-16. Students are represented in various committees and clubs through nominations by the principal of the college on recommendation of the respective committee coordinators. Committee Coordinators invite registrations from the students desired to be associated with the respective committees and clubs as per their interest areas. 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?

No

5.4.2 – No. of enrolled Alumni:

2816

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

20000

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meet 02 Participation of alumni 176

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)

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, Gaonki 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. 6.1.1

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

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
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 UshaShrivastava professor Political Science are also recognised guides with research centres at other centres. College has a research and development cell which takes care of Research and development related activities. One Minor Project sponsored by UGC and one RD project sponsored by MPCST is approved in department of Chemistry in 2015-16. Research and development cell motivates teachers to submit research proposals to different funding agencies. One major project is submitted to DST for funding in 2015-16. Students are also promoted to opt for small research based projects to strengthen RD ecosystem of the college.
Examination and Evaluation	? Examination 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

Curriculum Development

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

Teaching and Learning

? Teaching and Learning. Teaching and learning procedure in the college are 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.

Research and Development

? 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 UshaShrivastava 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 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 financesubjects are appointed through advertisement as per process

	chalked out by the DHE 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
Admission of Students	? Admission of Students Admissions are through online admission portal managed and hosted by DHE Govt. of M.P. by a well chartered procedure. https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_3c02708440844bd4a404147b51af6a8.pdf 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 counselling. 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-governance 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	? 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	? Finance and Accounts Salary Component and other treasury related issues are taken care of through SWAN connectivity
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 AvasYojna execution is also through online process.
Examination	? Examination Online enrolment procedure Online Exam form submission Online Exam fees submission Online CCE marks Entry on University portal Online Practical marks entry on University portal

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2015	Nil	Nil	Nil	Nil
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)
2015	FAQ on Simhastha	FAQ on Simhastha	05/11/2015	07/11/2015	12	12
2015	Simhastha Call Centre Help Desk	Simhastha Call Centre Help Desk	12/12/2015	16/12/2015	10	10
2015	Water quality Management during and after Simhastha	Water quality Management during and after Simhastha	06/01/2016	Nil	16	16
2015	Quality Sustenance after NAAC	Quality Sustenance after NAAC	20/12/2015	21/12/2015	32	32
2015	Society Connect Programme During Simhastha	Society Connect Programme During Simhastha	16/11/2015	18/11/2015	14	14
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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
Quality Sustenance after NAAC	14	20/12/2015	21/12/2015	02
Society Connect Programme During Simhastha	32	16/12/2015	18/12/2015	03
Refresher course	1	01/11/2015	Nil	Nil
FAQ on Simhastha	12	05/11/2015	07/11/2015	02
Simhastha Call Centre Help Desk	10	12/12/2015	16/12/2015	04
Water quality Management during and after Simhastha	16	06/01/2016	Nil	01
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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	22	Nil	19

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
: Medical Reimbursement, Leave encashment, group insurance, duty leave to attend seminars/conferences, Study leave, loans from GPF, Retirement benefits	Medical Reimbursement, Leave encashment, group insurance, loans from GPF, Retirement benefits	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 behalf of the janabagidarisamiti performs the audit and submits its report. External financial audit is also performed by a team of auditors from AGMP Gwalior

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nil	0	0
No file uploaded.		

6.4.3 – Total corpus fund generated

17904026

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	The Teem of Experts Constituted by College	Yes	Academic Council
Administrative	Yes	The Teem of Experts Constituted by College	Yes	IQAC

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	No
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
2015	Workshop on Bioinformatics	10/09/2015	12/09/2015	Nil	75
2016	National Consortium on economic aspects of Photonics	03/02/2016	04/02/2016	Nil	478

2016	Career Fair	10/02/2016	11/02/2016	Nil	1500
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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
Lecture on Gender Sensitization	12/01/2016	12/01/2016	43	19
Lecture on Gender Sensitization	20/11/2015	20/11/2015	6	17
Sensitization important for Boys than girls : 1 day workshop on gender sensitization	08/01/2015	08/01/2015	16	32

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
Percentage of power requirement of the College met by the renewable energy sources The campus has solar panels and exterior lighting system is run through Solar power only, however it accounts for too less the component of power requirement of the college.

7.1.3 – Differently abled (Divyangjan) friendliness

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

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address	Number of initiatives taken to	Date	Duration	Name of initiative	Issues addressed	Number of participating students
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	locational advantages and disadvantages	engage with and contribute to local community					and staff
2015	15851	15851	28/12/2015	06	Establishment of Simhastha Call Centre at MelaKaryalayUjjain .	Online inquiries about Simhastha, including important parv dates, stay, how to reach Simhastha sites, traffic arrangements, Camp sites etc.	98
2015	108	108	21/04/2016	32	Maintenance of Canopies, Helpdesk for lost and found	Venue related, who is who in Simhastha, FAQ for Simhastha, Medical Facilities at Simhastha	65
2015	3	3	21/04/2016	30	Traffic arrangement by NCC Volunteers, Lost and found helpdesk, General administration	Traffic Arrangement at Important points and Ghat arrangements	50
2015	32	32	22/04/2016	33	Analysis of water at Different Ghats Which included ph , conductance and COD/BOD value calculations	Analysis of water at Different Ghats Which included ph , conductance and COD/BOD value calculations	4

2015	45	45	15/03/2016	45	Review of literature and water statistics	Ground Report generated for Water Scenario and paper published	5
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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)
Student Charter For on campus in house students	01/07/2015	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	01/07/2015	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
college prospectus	01/07/2015	hand book to update students about college

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 National Integration Activities Essay competition Slogan Patriotic Song	18/11/2015	25/11/2015	128

Poster Competition			
Activities to promote cleanliness among students and society	25/09/2015	08/01/2016	108
Developing Cognitive empathy Through social service based activities ??????? ??? ??? ??? ???????????, ?? ??? ???????? ????????, ???????? ?????? ????, ????? ?????? ??, ????? ?????????, ???????? ??????????, ????????????? ???? ?? ????????? ?? ???????????? ??????, ?	01/07/2015	30/03/2016	433
Help centre in Simhastha 2016 for lost and found Disaster Management	10/04/2016	22/05/2016	40
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- Expansion in green cover through regular plantation during rainy season and then conservation of green cover through various activities like regular care of plants
- Increasing the use of renewable energy (solar systems)
- Decreasing the carbon footprints through regular servicing and maintenance of electrical equipment
- Rain water harvesting
- Development of aqua culture lab in the campus: Indigenous aqua lab prepared and maintained by the students and staff of the college

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Describe at least two institutional best practices Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link GOVT. MADHAV SCIENCE P.G.COLLEGE UJJAIN M.P. A GRADE ACCREDITED THROUGH NAAC DST-FIST COLLEGE BEST PRACTICE: STRESS MANAGEMENT AND VALUE INCULCATION THROUGH YOGA https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_3675be34e3e74a618df0bd38a1836f64.pdf

CONTEXT: Today's college students are no exception to the modern world, they feel stress of our busy modern world. As per a study conducted 45 of the students said they experience more than average stress and 87 said they felt overwhelmed by all they had to do at least once in the previous year. Effects of the stress are, stressful themselves they may lead to symptomatic effects like upset stomach, headaches, exhaustion and difficulty sleeping or even there can be irritability, restlessness and depression. Some turn to drugs, alcohol, tobacco and food to deal with stress, but overindulging in any of these leads to more stress and the vicious cycle goes on to spoil a young brilliant budding mind. So it brings us to think that there must be something other than and with academics in perfect synchronization which must be done. Dating back to 5000

years, Yoga is considered by many to be the answer to stress related problems and as an oldest defined practice of self-development. Many studies have found that a little yoga can minimize stress and increase productivity. It is believed that yoga is so effective for stress relief because, aside from the physical benefits that yoga brings, it encourages a good mood, an increase in mindfulness, and a healthy dose of self-compassion.

OBJECTIVES: ? Stress management in students through practicing simple yoga methods ? Value inculcation and personality development through practicing Yoga ? Developing Empathy through practicing Yoga **COLLEGE STRENGTH** ? This has been the most striking feature of the college and over the years it earned name and fame to the academic circle. College has a formal MOU with **INTERNATIONAL YOGA LIFE SOCIETY** an institute which is recognised globally by International Yoga Alliance, European Yoga Confederation etc. Two staff members here in are Vice-Presidents and four teachers are recognised Yoga Teachers that train staff and students along with the services rendered to the society. College Staff and students participate in International Yoga Conferences and present research papers, they also help in various social service camps in nearby villages.

Regular **YOGA CLASSES** are conducted in college Gymnasium ? An E-Magazine (**YOGANANTA**) on Yoga is also published by **UYLS** which has touched 25000 mark in circulation. College staff members are the Editorial team of magazine ? The activities of college are recognised and reported in the Cycle- II report of NAAC team **THE PRACTICE:** ? Special Yoga Classes for students in the morning hours (01 hour classes) in batches. ? Yoga classes by Yoga instructors teachers as well as senior students who earn expertise through practice ? Different techniques found to reduce stress are used which includes • Controlled breathing • Meditation • Physical movement • Mental imagery • Stretching ? These simple yoga exercises has magical benefits , which includes • Reduced stress and anxiety² • Sound sleep • Reduced cortisol levels • Improvement of many medical conditions • Allergy and asthma symptom relief³ • Lower blood pressure • Smoking cessation help⁴ • Lower heart rate • Spiritual growth • Sense of well-being • Reduced muscle tension • Increased strength and flexibility • Slowed aging process ? Special camps by registered students to

old age helppage homes, special children's hostels, jails, Special schools. This inculcates empathy and values in these students **OBSTACLES FACED:** ? Time, Yoga requires commitment and discipline, students sometimes find it hard to cope with regular theory and practical classes. ? Arrangement of Instructors from outside, financial provisions ? Family expectations **STRATEGIES ADOPTED TO OVERCOME THEM:** ? Slot adjustment in college timetable for yoga ? Yoga during the morning hours ? Taking help from qualified college teachers for Yoga classes **IMPACT OF THE PRACTICE:** ? Improvement in the number of students enrolling for different career oriented workshops , as they are more cheerful ? Improvement in number of students placed ? Improvement in the merit positions ?

Inclination towards more society oriented programs ? Establishment of SCP (Society Connect Program) in college in the session 2016-17 **RESOURCES REQUIRED:**

Resources are provided by the college apart from this no big resource is required for yoga ? Space for Yoga Practice ? Yoga Instructor ? Some e content like DVD for Yoga ? Books on Yoga **BEST PRACTICE 2. GOVT. MADHAV SCIENCE P.G.COLLEGE UJJAIN M.P. A GRADE ACCREDITED THROUGH NAAC DST-FIST COLLEGE BEST PRACTICE ECO RESTORATION ADDRESSING CARBON FOOTPRINT CHALLENGE** <https://29e32a53>

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bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_55a9cdcedd334eelbe7750aa4cc46201.pdf

CONTEXT: Ecological restoration is the process that assists in the recovery of an ecosystem that is damaged, degraded or destroyed. Manipulation of biotic and abiotic variables play an important role in addressing the ecological restoration projects. Eco restoration includes the restoration of degraded forests specifically the reintroduction of native species and removal of non-native invasive one. Other efforts include reducing greenhouse gas emissions, increasing carbon sequestration and long term stability, slowing and reserving

land and water quality degradation. College being a science college purely have students from different science fields like Chemistry, Botany, Zoology, Microbiology, Biotechnology, Bioinformatics, Physics, Mathematics and Computer science, recognizes its responsibility towards climate issues and eco restoration. Continuous and cautious efforts of students and staff of Govt.

Madhav Science P G College has made this activity as a Best Practice.

OBJECTIVES: ? To make students understand about Ecological Restoration ? To make Students aware of Carbon foot print challenge ? To have sustainable eco restoration practices on campus ? Implementation of green practices like laboratory water neutralization and checking the soil quality on campus ? Organization of Community workshops led by students based on green energy and afforestation **COLLEGE STRENGTH** ? College has expert professors working in the area of green technologies and eco restoration ? College has a huge campus to have ecolaboratory for afforestation and development of green envelope ? College has a 1.2 acre of Aqua laboratory. **THE PRACTICE:** ? Construction of the 1.2 acre aqua lab by the college students over a period of 10 months to raise the ground water level. This has resulted in to recharging of the water of this area. ? Installation of solar water panels in the campus, to inculcate the use of green energy ? Plantation drive in the month of August, September and October. Plantation of native plants of Malwa region around campus to improve upon the green envelop with help from Forest Department ? Development of green Hillocks in the campus to stop runoff of soil during rainy season. ? Water treatment of laboratory water by checking ph to acidity or basicity to neutralize this water. ? Community Workshops with the help of NSS in the adopted village during 7 days special camp **OBSTACLES FACED:** ? Time constraint for the students opting for eco restoration, owing to their academic benchmark activities. ? Financial Resources involved **STRATEGIES ADOPTED TO OVERCOME THEM:** Academic Flexibility is provided to the students registered for the best practice by adjusting CCE Schedule and providing extra classes for workshop days and plantation drive days **IMPACT OF THE PRACTICE:** ? 1.2 acres aqua lab has been constructed. ? Recharged the ground water of the area. ? Area had an acute water scarcity a couple of years back .After the construction of lab the Bore-wells never dry up even in peak summer season . ? Installation of Solar Panels in the campus to reduce dependency on traditional energy sources for exterior lightning. ? Green Envelop around the campus

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_55a9cdcedd334ee1be7750aa4cc46201.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

Practicing Science through Science Fests and Social Labs: College is one of the biggest colleges in the Ujjain region and it is the only college catering specifically to science students in the Ujjain region. College believes in nurturing young minds , in a way that they can have an edge for environmental issues while practicing science with their scholastic aptitude. Here emphasis is not only on studying and practicing science in Laboratories but focus lies on bringing research from labs into the society. College through it's conscious effort has developed an ecosystem where social labs have become an indistinguishable component of teaching , learning and evaluation mechanism. UNESCO dedicates particular year to some significant scientific attribute, the whole year is celebrated on those lines as well as during the National Science day 28th February UNESCO declared theme is celebrated along with the theme declared for National Science day by Department of Science and Technology

(DST). Year 2015 was declared as the International Year of Light and Light based technologies by UNESCO. A National Science Fest was organized on the theme of " FROM PHOTONICS TO ECONOMIC IMPACT OF LIGHT" on 3rd and 4th of February 2016. The Fest catered to the needs of all stakeholders of scientific fraternity and ensured participation of 505 participants through cocktail of events which included ? Competitions for students(P.G.,U.G. and 102 level) Total participation 319 college students 102 not included in the number. 20 students from 102 level participated ? National Consortium of Academicians and Scientists on "From Photonics to Economic Impact of Light" for Academia, Industry representatives and Research Scholars total participation excluding students 186 ? Lecture Series on " Photonics and Economic Impact of Light and Light Based Technologies" College was appreciated for it's efforts in the IYL booklet published by International society for Photonics. A special edition of Journal (IJETMR) was also edited and consortium papers were published in that special edition. A field project on water quality was also completed by 5 students of PG Chemistry. Practicing Science through Science Fests and Social Labs: College is one of the biggest colleges in the Ujjain region and it is the only college catering specifically to science students in the Ujjain region. College believes in nurturing young minds , in a way that they can have an edge for environmental issues while practicing science with their scholastic aptitude. Here emphasis is not only on studying and practicing science in Laboratories but focus lies on bringing research from labs into the society. College through it's conscious effort has developed an ecosystem where social labs have become an indistinguishable component of teaching , learning and evaluation mechanism. UNESCO dedicates particular year to some significant scientific attribute, the whole year is celebrated on those lines as well as during the National Science day 28th February UNESCO declared theme is celebrated along with the theme declared for National Science day by Department of Science and Technology (DST). Year 2015 was declared as the International Year of Light

Provide the weblink of the institution

https://29e32a53-6582-4810-9c1d-bc94fcfa2cb3.filesusr.com/ugd/ccbcb0_eec591c6c364442c94814cc92d3a3937.pdf

8.Future Plans of Actions for Next Academic Year

Teaching learning has been strength of college, college has always strived for the development of innovation ecosystem with strengthening of teaching learning methodologies in the college. ICT has given new dimensions to teaching learning and innovation ecosystem. Few points which IQAC considers to be very important and based upon which Future Plan of action of college is chalked out are ? Collaboration with Institutes of National Importance like IIT Indore and IISER Bhopal for hand holding for Undergraduate Research Programme. ? Research Internship programme for students with CEQIC and student exchange program under Cluster ? Organization of RD Seminars and Workshops and a Seminar on Intellectual Property Right ? Strengthening of Incubation centre and promotion of Start Up Culture in the college ? Strengthening of Academic Counselling Cell ? Focus on soft skills training to students. ? Promotion of Faculty to write more research proposals to funding agencies like UGC/ DST/CSIR/SERB etc. Students are the major stakeholders and graduation outcome is the most important success parameter, following are the important points to be considered for next session ? Launching of Student Connect programme (SCP) to know about the passed out batch (Fresh) ? Special classes for NET/ SLATE and National level competitive exams ? Establishment of Helpdesk for students during admissions, scholarship cases, exam related queries and CCE queries ? Extra supplementary classes to help slow learners Governance and leadership ? Preparation of Strategic plan for the next five years ? RUSA Detailed Project Reports ? Infrastructure Augmentation through RUSA BEST PRACTICE ? To develop institute as a premium institute for organisation

of different science related activities with social relevance in reference to events of National as well as International importance