

**Annual Quality Assurance Report (AQAR) of  
Internal Quality Assurance Cell (IQAC)  
for the Academic Year 2015-16  
(A Grade : CGPA 3.23)**

(NIRF : 101-150)



**Govt. (Model, Autonomous) Holkar Science College  
Indore – 452001, M.P.**

**(An Autonomous Institution and Centre of Excellence)**

**Website: [www.collegeholkar.org](http://www.collegeholkar.org) Email: [principalhsc@rediff.com](mailto:principalhsc@rediff.com)**

Phone: 0731-2464074, Fax: 0731-2446806

# The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For, (July 1, 2015 to June 30, 2016))

## Part – A

### I. Details of the Institution

1.1	Name of the Institution	Govt. Model Autonomous Holkar Science College
1.2	Address Line 1	AB Road
	Address Line 2	BhanwarKuwa
	City/Town	Indore
	State	Madhya Pradesh
	Pin Code	452001
	Institution e-mail address	<a href="mailto:principalhsc@rediffmail.com">principalhsc@rediffmail.com</a>
	Contact Nos.	0731-2446806, 0731-2464074
	Name of the Head of the Institution:	Dr. K. N. Chaturvedi
	Tel. No. with STD Code:	0731-2446806, 0731-2464074
	Mobile:	9425064354
	Name of the IQAC Co-ordinator:	Dr. R.K. Sharma
	Mobile:	9425081367
	IQAC e-mail address:	<a href="mailto:IQAC_hsc@rediffmail.com">IQAC_hsc@rediffmail.com</a>

1.3 NAAC Track ID(For ex. MHCOGN 18879)

MPCOGN10138

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.  
This EC no. is available in the right corner- bottom  
of your institution's Accreditation Certificate)

EC/50/RAR/02

1.5 Website address:

[www.collegeholkar.org](http://www.collegeholkar.org)

Web-link of the AQAR:

[www.collegeholkar.org/AQAR2015-16.doc](http://www.collegeholkar.org/AQAR2015-16.doc)

1.6 Accreditation Details

S. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	***	--	05/11/2001	04/11/2006
2	2 <sup>nd</sup> Cycle	B	2.75	30/09/2009	29/09/2014
3	3 <sup>rd</sup> Cycle	A	3.23	19/01/2016	18/01/2020
4	4 <sup>th</sup> Cycle	--	--	--	--

1.7 Date of Establishment of IQAC : DD/MM/YYYY

01/11/2003

**1.8 AQAR for the year (for example 2010-11)**

**1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011))**

i. AQAR \_\_0000-00 submitted on 00/00/0000\_\_ (DD/MM/YYYY)

**1.10 Institutional Status**

University	State	<input checked="" type="checkbox"/>	Central	<input checked="" type="checkbox"/>	Deemed	<input checked="" type="checkbox"/>	Private	<input checked="" type="checkbox"/>
Affiliated College	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Constituent College	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Autonomous college of UGC	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Regulatory Agency approved Institution (eg. AICTE, BCI, MCI, PCI, NCI)	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Type of Institution	Co-education	<input checked="" type="checkbox"/>	Men	<input checked="" type="checkbox"/>	Women	<input checked="" type="checkbox"/>		
	Urban	<input checked="" type="checkbox"/>	Rural	<input checked="" type="checkbox"/>	Tribal	<input checked="" type="checkbox"/>		
Financial Status	Grant-in-aid	<input checked="" type="checkbox"/>	UGC 2(f)	<input checked="" type="checkbox"/>	UGC 12B	<input checked="" type="checkbox"/>		
	Grant-in-aid + Self Financing	<input checked="" type="checkbox"/>	Totally Self-financing	<input checked="" type="checkbox"/>				

**1.11 Type of Faculty/Programme**

Arts	<input type="checkbox"/>	Science	<input checked="" type="checkbox"/>	Commerce	<input type="checkbox"/>	Law	<input type="checkbox"/>	PEI (Phys Edu)	<input type="checkbox"/>
TEI (Edu)	<input type="checkbox"/>	Engineering	<input type="checkbox"/>	Health Science	<input type="checkbox"/>	Management	<input type="checkbox"/>		
Others (Specify)	<input type="text" value="NIL"/>								

**1.12 Name of the Affiliating University (for the Colleges)**

*Devi Ahilya Vishwavidhyalaya, Indore*

**1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc**

Autonomy by State/Central Govt. / University	<input type="text" value="yes"/>		
University with Potential for Excellence	<input type="text" value="---"/>	UGC-CPE	<input type="text" value="---"/>
DST Star Scheme	<input type="text" value="---"/>	UGC-CE	<input type="text" value="---"/>
UGC-Special Assistance Programme	<input type="text" value="---"/>	DST-FIST	<input type="text" value="---"/>
UGC-Innovative PG programmes	<input type="text" value="---"/>	Any other (Specify)	<input type="text" value="Nil"/>
UGC-COP Programmes	<input type="text" value="---"/>		

## 2. IQAC Composition and Activities

2.1	No. of Teachers	09
2.2	No. of Administrative/Technical staff	01
2.3	No. of students	02
2.4	No. of Management representatives	01
2.5	No. of Alumni	02
2.6	No. of any other stakeholder and community representatives	01
2.7	No. of Employers/ Industrialists	02
2.8	No. of other External Experts	02
2.9	Total No. of members	20
2.10	No. of IQAC meetings held	02

2.11 No. of meetings with various stakeholders: No.  Faculty   
 Non-Teaching Staff  Students  Alumni  Others

2.12 Has IQAC received any funding from UGC during the year? Yes  No

If yes, mention the amount

### 2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.  International  National  State  Institution Level

(ii) Themes

- (i) A national seminar on "Women Empowerment and their role in Sustainable Development of India" from 28<sup>th</sup> & 29<sup>th</sup> Dec. 2015, was organized in the institute along with Women Science Congress
- (ii) A 20 days workshop on "Mobile Repairing" from 04/01/2016 to 23/01/2016 was organized by the Department of Electronics.
- (iii) Kisan Sammelan and workshop on "Polly house Management" was organized by the dept. of Seed Tech. & Horticulture with Tej agrigroup, Khargone, for the farmers and students on the month Sept. 15.
- (iv) A seminar on "Know your Biodiversity" was organized by the dept. of Seed Tech. for the farmers and students on 29-30 Jan. 2016.
- (v) A workshop on "Challenges translation of English book in Hindi" was organized with Azim Premji Foundation, Bangalore on 07-08 Apr. 2016.
- (vi) A symposium on 'Reform in Exam and Education system" was organized on 03 Oct. 15.
- (vii) A seminar on "Kal khetra aur Ujjainy ek vagyanik drustikone" was organized on 02 Feb. 2016.

### 2.14 Significant Activities and contributions made by IQAC

- There are regular feature of the department of Seed Tech. & Horticulture are : Nursery management by the students of different varieties of vegetables, Field training of vegetative propagation, Field preparation and plot management for different varieties of wheat.
- A lecture by Dr. M.S.Parihar on "Scope of research on genomics and proteomics" was organized by the Dept. of Bio. Tech. & Bio. Info. On 13/01/2016.
- A lecture by Dr. Rajeev Karandikar on "how to prepare for employment" was organized by the Dept. of Mathematics & Statistics on 29/01/2016.
- P.C. Mahalonabis talent search examination organized by the dept. of statistics during the session.
- Rain water harvesting system developed by the students and faculties of Geology dept. .
- Meghnath Shah Physics Olympiad organized by dept. of Physics.
- French Language Certificate course organized by the department of language during the session.
- One National seminar on "Role of Chemistry in Basic & Appl. Sciences" (30/9-1/10, 15), and one national workshop on "Water Revolution Vision-2020" ,4-5/03/16 were organized during the session.
- 11 students are placed during the session by various companies.( Cocentrix -04, Sunpharma -05, Krati Indust. Pvt. Ltd.-02)
- Collaboration & Linkages: National institutes(24)- DAVV Indore, RR CAT Indore, NRCS Indore, IUC Indore, MGMMC Indore, Parental Drug India Ltd. Indore, Disha Fertility Centre Indore, PG Tech. Pvt. Ltd., Intex Medical College Indore, Dr. H.S.Gour University Sagar, NFI Ltd. Dewas, IVRI Bareilly (UP), IAHVBP Mhow, CHL-Apollo Hospital Indore, Plethico Lab. Indore, Chouksey Lab. Indore, SahkariDugdhSanghMaryadit Indore etc. Agriculture College Indore, BioRe Association Kasrawad, JNU New Delhi, MPUAST Udaipur (Rajasthan), Vikram University Ujjain, Chitrakoot Gramodaya University.. International institutes (1) - Research Institute of Organic Agriculture, Switzerland. Linkages(3): 1.Oil & Natural gas corporation ltd. Dehradun. 2.Emrald Indust. Ltd. Gwalior 3.DGM M.P. Govt. Jabalpur

### 2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

*See Annexure I*

### 2.16 Whether the AQAR was placed in statutory body

Yes  No

Management  Syndicate  Any other body

Provide the details of the action taken

NA

## Part – B

### Criterion – I

#### I. Curricular Aspects

##### 1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD/M.Phil.	12	00	06	00
PG	14	00	06	00
UG	23	02	20	00
PG Diploma	--	--	--	--
Advanced Diploma	--	--	--	--
Diploma	--	--	--	--
Certificate	--	--	--	--
Others	--	--	--	--
<b>Total</b>	49	02	32	00
Interdisciplinary	--	--	--	--
Innovative	--	--	--	--

##### 1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options:

Started **CBCS at PG level /Core at UG level**

##### (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	39
Trimester	06
Annual	NIL

1.3 Feedback from stakeholders\* Alumni  Parents  Employers  Students   
(On all aspects)

Mode of feedback : Online  Manual  Co-operating schools (for PEI)

##### 1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

*Board of studies for each Department is formed to update and revise the syllabus prescribed by the Department of Higher Education, Govt. of M.P.. The BOS can add up to 10-20% in the syllabus. CBCS system adopted at PG level.*

##### 1.5 Any new Department/Centre introduced during the year. If yes, give details.

*Two new programmes started during the session – at UG level with Geography and Economics.*

## Criterion – II

### 2. Teaching, Learning and Evaluation

#### 2.1 Total No. of permanent faculty

Total	On Roll	Asst. Professors	Associate Professors	Professors	Others/Vacant
105	83	59	--	24	22

#### 2.2 No. of permanent faculty with Ph.D.

67
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#### 2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others(Guest)				Total	
R	V	R	V	R	V	HE		HT(SF)		R	V
NA	20	NA	Nil	NA	02	22	Nil	91	Nil	183	Nil

#### 2.4 No. of Guest and Visiting faculty and Temporary faculty

113
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00
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#### 2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	09	71	56
Presented papers	09	15	02
Resource Persons	03	03	--

#### 2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Along with the classroom teaching various other modern methods of teaching (Models, LCD Projector, PPT Presentation and Interactive Board, Software like Matlab, SPS etc.) are also adopted.
- Excursion tours and laboratory visits are organized.
- For the continuous and comprehensive evaluation of the students different patterns like Assignment, Objective test, Group discussion, Viva voce, seminars etc are adopted.
- To keeps faculties updated with the latest trends and increases their reading ability library visit is mandatory for the faculty members every day.
- The students also visit the library regularly. They are benefited by the information which they get by reading the course books, Reference books, Journals, Magazine and News papers.
- Organized the educational tours.
- Teaching & learning tools developed by the faculty of the Geology department.

#### 2.7 Total No. of actual teaching days during this academic year

180
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#### 2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- Moderation of the paper one hour before the commencement of the examination.
- Central Valuation at UG level - Coding, Valuation, Re-view and Decoding of the A/B.
- For the uniform valuation the setter has to submit the MOI along with the paper.
- Valuation at PG level by the setter.
- Any student, if not satisfied with the valuation, can see his valued A/B in presence of the subject experts and his guardian.
- Revaluation facility of the A/B available.
- In M.Phil. valuation and Viva Voce are conducted by the experts from other Universities.

2.9 No. of faculty members involved in curriculum structuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

95

2.10 Average percentage of attendance of students

78%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
UG	1320	6.51	35.98	34.69	--	77.20
PG	257	18.67	57.19	23.34	--	98.05
M.Phil.	29	86.20	10.34	--	--	96.55

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

- *The IQAC plays a significant role in creating conducive teaching learning environment in the college.*
- *Meetings with the HOD's are held to discuss problems, find solutions and to take suggestions for improvement in teaching learning process.*
- *The committee members monitor the teaching learning process by constantly remaining touch with the teachers and the students. They keep seeking feedbacks from the teachers regarding their teaching methods and the syllabus. They also take student's feedback about their respective teachers.*
- *Faculty members are encouraged to attend workshops and seminars related to methods of teaching and evaluation to keep them updated with the best teaching practices.*

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	06
UGC – Faculty Improvement Programme	Nil
HRD programmes	Nil
Orientation programmes	Nil
Faculty exchange programme	Nil
Staff training conducted by the university	Nil
Staff training conducted by other institutions	17
Summer / Winter schools etc.	Nil
Others	01



#### 2.14 Details of Administrative and Technical staff.

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	12	06	NA	02
Technical Staff	35	10	NA	10+20(For SF Dept.)

## Criterion – III

### 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- To encourage faculty members to take up Minor/Major research projects.
- To provide separate research rooms with computer and internet facility for teachers actively engaged in research activities.
- Encourage faculties to establish research collaborations.
- Journals are subscribed in the library. E-Journals, e-books made available in the library.

#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	02	04	01	04
Outlay in Rs. Lakhs	12.88	49.42	3.10	--

#### 3.3 Details regarding minor projects.

	Completed	Ongoing	Sanctioned	Submitted
Number	01	03	01	05
Outlay in Rs. Lakhs	1.60	4.7	1.14	--

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	39	23	--
Non-Peer Review Journals	01	04	--
e-Journals	--	--	--
Conference proceedings	14	--	--

#### 3.5 Details on Impact factor of publications:

Range  Average  h-index  Nos. in SCOPUS

#### 3.6 Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned	Received
Major projects	2-3 Yrs	UGC/IORA/MPCST/DST	62.31	57.01
Minor Projects	1-2 yrs	UGC/MPCST	6.3	5.625
Interdisciplinary Projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/ College	--	--	--	--
Students research projects <i>(other than compulsory by the University)</i>	--	--	5000	5000
Any other(Specify)	--	--	--	--
Total			68.615	62.64

3.7 No. of books published i) With ISBN No.  Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from NA

UGC-SAP  CAS  DST-FIST   
 DPE  DBT Scheme/funds

3.9 For colleges

Autonomy  CPE  DBT Star Scheme   
 INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	--	02	00	--	--
Sponsoring agencies	--	MPCST	--	--	--

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations

International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakh:

From funding agency  From Management of University/College

Total

3.16 No. of patents received this year

*NIL*

Type of Patent	Number	
National	Applied	--
	Granted	--
International	Applied	--
	Granted	--
Commercialised	Applied	--
	Granted	--

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
Nil	Nil	Nil	Nil	Nil	Nil	nil

3.18 No. of faculty from the Institution who are Ph. D. Guides

students registered

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF  SRF  Project Fellows  Any other(SC/ST)

3.21 No. of students Participated in NSS events: University level  State level   
National level  International level

3.22 No. of students participated in NCC events: University level  State level   
National level  International level

3.23 No. of Awards won in NSS: University level  State level   
National level  International level

3.24 No. of Awards won in NCC: University level  State level   
National level  International level

3.25 No. of Extension activities organized

University forum	<input type="text" value="05"/>	College forum	<input type="text" value="25"/>		
NCC	<input type="text" value="02"/>	NSS	<input type="text" value="42"/>	Any other	<input type="text" value="00"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

1. Reusability of e-waste
2. Water harvesting
3. Energy conservation
4. Seminars on 11 Indian heritage.
5. A student Ajay Biswas M.Sc.(F)(Forensic Sc.) Appointed as Campus Ambassador "Matadata Jagrukta Abhiyan" by district election officer.
6. Students and faculty of Biochemistry visited college of Excellence, Bhopal under the college cluster programme.
7. Students and faculty of Biochemistry visited Indian Institute of Sc. And educational research (IISER), Bhopal.
8. Celebrated Vigilance awareness week in co-ordination with oriental insurance Pvt. Ltd. On 26 Oct. 15.
9. Student of Bio. Tech. & Bio. Info. Visited to orphanage.
10. Winter internship of student of Geology in ONGC, Dehradun.

## Criterion – IV

### 4. Infrastructure and Learning Resources

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	34 acres	--	Govt.	34 acres
Class rooms	40	02	UGC/Govt./SF	42
Laboratories	44	00	UGC/Govt./SF	44
Seminar Halls	04	01	UGC/Govt./SF	05
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	06	00	UGC	06
Value of the equipment purchased during the year (Rs. In Lakhs)	3457491	<b>1022739</b>	UGC/Govt./SF	4480230
Others	Nil	Nil	Nil	Nil

#### 4.2 Computerization of administration and library

1. Office and all departments are fully computerized with internet facility.
2. Library is partially computerized : Automation, Bar coding, Opex book searching facilities are available. For excess of e-journal and e-books del-net facility is available in the library.
3. Examination department is computerized with internet facility.

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	64724	--	--	--	64724	--
Reference Books	28701	--	--	--	28701	--
e-Books	del-net/ Inflibnet	--	De-lnet/ Inflibnet	--	--	--
Journals	3791	--	--	--	--	--
e-Journals	del-net/ Inflibnet	34000	del-net/ Inflibnet	11500	del-net	45500
Digital Database	64724	--	276	--	65000	--
CD & Video	350	--	--	--	350	--
Others (specify)Thesis	539	--	--	--	539	--

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	259	13	Yes	20	00	18	21	00
Added	00	00	00	00	00	00	00	00
Total	259	13	Yes	20	00	18	21	00

#### 4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (Networking, e-Governance etc.)

- *There is an English language lab with 14 computers installed with the Words Worth Software in the college. Internet facility is available in the college for studies and research for all students and researchers.*
- *A 20 day workshop on "Mobile Repairing" from 04/01/2016 to 23/01/2016 was organized by the Department of Electronics.*
- *A 10 days workshop on "How to use Internet for House Wives" from 21/09/15 to 01/10/15 organized by the Department of computer science.*

#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	00
ii) Campus Infrastructure and facilities	00
iii) Equipments	522400
iv) Others	1832740
<b>Total :</b>	2355140

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Each class has a proctor teacher. The proctors are asked to form a one to one interaction with the students.
- Books, reference books and other teaching material provided to the weak students.
- Zero hour classes for the students of first year, Bridge classes for the students of second and third years at the starting of the session.
- Arrange lectures related to skill and personality development.
- Presentations and seminars are organized.
- Complaint boxes are installed in each teaching department, Principal office, Library, Exam office, and at various places in the campus.

#### 5.2 Efforts made by the institution for tracking the progression

- Departments are asked to give a detailed report of their achievements.
- Meeting are held where the HODs are asked to give presentation
- Feedback forms are given to students where they can give suggestions.

#### 5.3 (a) Total Number of students

UG	PG	M.Phil.	Ph. D.	Others
5002	538	25	74	00

#### (b) No. of students outside the state

510
-----

#### (c) No. of international students

00
----

Men	No	%	Women	No	%
	00	0		00	0

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1406	787	889	2029	07	5111	1398	837	939	2364	02	5540

Demand ratio **1:5**

Dropout % **19.09%**

#### 5.4 Details of student support mechanism for coaching for competitive examinations (If any)

1. As most of the competitive examinations follow the objective type pattern, IAES system is adopted for internal assessment.
2. A number of magazines related to competitive exams are available in the library like – Competition Success, Pratiyogita Darpan, Pratiyogita Nirdeshika etc.
3. For MPPSC, UPSC, NET, SLET etc. coaching classed organized during the session.

No. of students beneficiaries

500-600

#### 5.5 No. of students qualified in these examinations.

NET	05	SET/SLET	--	GATE	--	CAT	--
IAS/IPS etc	--	State PSC	02	UPSC	--	Others	02

## 5.6 Details of student counseling and career guidance

- For over all counselling of the students each class has a proctor who looks after the requirement of the students.
- The institution conducted internal/external SWOT analysis during the year:
- Swami Vivekananda Career Guidance Cell, Personality Development Cell and the Placement Cell in the college provide counseling regarding the career options and guide the students to make correct choices according to their capabilities. The Placement Cell invites various companies for campus placement where a number of students are selected.

**Career Guidance:** By swami Vivekanand Career Guidance Cell lectures/other activities on various topics were organized during the session as:

Date	Topics	Resource person	No of beneficiaries
02/07/15	SWOT	K. Mulchandani & S. Tanwni	37
06/07/15	Bhasha Sudhar	S. Tanwni	31
06/07/15	Tense, Article	K. Mulchandani	43
07/07/15	Film Show on Global warming "An inconvenient truth"	Arun Kher (HOD) dept. of Botany	44
22/08/15	Essay writing on "Dr. APJ Abdul Kalam ki drusti mein Bharat ka yuva"	K. Mulchandani, S. Tanwni & T. Abbasi	18
23/09/15	Effective power point presentation Tools	Dr. Pooja Kushwah	84
29/10/15	Examination Tips	Dr.Indu Tiwari	96
30/10/15	Udhyamita Mein Apar Sambhavaen	Neha chourasia & Anuradha Bhadoriya	127
4-23/1/16	Mobile repairing workshop	Tarkeshwar Vyas, MSME Indore	34
20/1-12/2/16	Beauty & Grooming Classes	Neetu Parmar, Beauty parlor, Indore	19
25/01/16	Start up in India	Dr. D.C.Rathi	38
28/01/16	Swayam ko rojgar ke liye kese tayyar karein	Dr. Rajeev Karandikar	263
10/02/16	How to dress up for Interview (Power dressing)	S. Tanwni	50

**Personality Development:** Personality Development Cell organized various lectures during the session on

Date	Topics	Resource person	beneficiaries
31/07/15	Karen Manas Nirman	Shri Atul Seth	60
24/08/15	Ham Karen Rastra Nirman	Shri Vimal Gupta	130
10/11/15	Bahuri Karega Kab	Shri Subroto Guha	80
09/01/16	Hamari Sanskrirti	Dr. Y.N.Shukla	40
28/01/16	Upnishdon ki panchkoshiy avdharna	Dr. Vnayak Pandey	60
27/02/16	Vidhyarthi Jeevea ka Parivarik avam Samajik Sarokar	Dr. Vikas Dave	40
11/09/15	Workshop on "Panchamrat	Dr. Mukesh Mode	130

**Placement :**

- 335 students participated in the campus placement programme organized by the Placement Cell from time to time during the session.
- 3 organizations visited the campus and 11 students are placed at different organizations during the session while 11 students of the college placed off campus.

No. of students benefitted

500 - 800

## 5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
03	335	11	11

## 5.8 Details of gender sensitization programmes

- On 14/10/15, IG Police addressed the girls they gave suggestions on safety and security measures to girls students.
- Every month Police station in charge organized meetings with girls and gave safety measures.
- On 20/10/15 a symposium was organized to implement e-empowerment campaign.



## 5.9 Student Activities

### 5.9.1 No. of students participated in Sports, Games and other events

<b>Sports:</b>	State/ University level	15	National level	15	International level	00
<b>Cultural:</b>	State/ University level	17	National level	04	International level	01

### 5.9.2 No. of medals /awards won by students in Sports, Games and other events

<b>Sports :</b>	State/ University level	08	National level	00	International level	00
<b>Cultural:</b>	State/ University level	13	National level	01	International level	00

## 5.10 Scholarships and Financial Support

	Number of Students	Amount
Financial support from institution	08	64000
Financial support from government	4215	39047692
Financial support from other sources	---	---
Number of students who received International/ National recognitions	---	---

### 5.11 Student organized / initiatives

Fairs	: State/ University level	00	National level	00	International level	00
Exhibition:	State/ University level	00	National level	00	International level	00

### 5.12 No. of social initiatives undertaken by the students

17

### 5.13 Major grievances of students (if any) redressed:

- *There is a grievance redressal cell for Faculty, Students and Staff in the college.*
- *During the session Nil grievances received.*

## Criterion – VI

### 6. Governance, Leadership and Management

#### 6.1 State the Vision and Mission of the institution.

##### **VISION**

*To make quality the defining element of education in the institution through a combination of self and external quality evaluation, promotion and sustenance initiatives.*

##### **MISSION**

- *To arrange for periodic assessment and accreditation of the institution.*
- *To stimulate the academic environment for promotion of quality of teaching-learning and research in the institution.*
- *To encourage self-evaluation, accountability, autonomy and innovations.*
- *To undertake quality-related research studies, consultancy and training programmes.*
- *To collaborate with other stakeholders for quality evaluation, promotion and sustenance.*

#### 6.2 Does the Institution has a management Information System

1. *The college has a well-defined administrative set up for the smooth functioning of the institution. The administrative procedure and fee structure are given in the college brochure and they are also displayed on the college website- [www.collegeholkar.org](http://www.collegeholkar.org). This information can also be sought directly from the college inquiry office. The Right to information (RTI) is sacredly conserved in the college. Complaint boxes are placed at various places for the convenience of the students.*

*While the principal as the head of the institution remains at the helm of all the academic and administrative affairs in the college, the administrative officer serving as a link between the principal and the other staff members facilitates day to day administration of the institution. Every teaching department is headed by a senior professor entrusted with the administrative and academic responsibilities of that particular department. There are formed various committees comprising senior and experienced members of the staff for a number of activities taking place on the campus through the year. Constant monitoring is done to avoid any slackness in the administration.*

*Being an autonomous institution the college has its own examination department. All the activities related to the exam are carried out by this department. The administrative staff of the examination department comprises controller, deputy controller, several clerks and the peons. Students can seek information regarding their examination queries from the exam department directly.*

*The college imparts and seeks valuable information through JBS (Janbhagidari Samiti) and Governing body of the college. Regular meetings of OHA (old Hlkarian association) are also held to obtain valuable inputs for the betterment of administrative and academic set up.*

*There is a separate committee formed in the college to resolve student's complaints promptly.*

2. *Admission to the college based on merit basis is done online through a central agency appointed by the Dept. of Higher Education Govt. of MP.*
3. *The student's record is maintained in the office of the principal as well as in the exam department. The statistics related to the students is also uploaded on the college website. This information's are updated on the portal of AISHE also.*
4. *Every teaching departments of the college has been equipped with internet in order to facilitate research activities. The college website is regularly updated. There are latest research journals available in the departments and in the central library. All the departments are interconnected through LAN to promote interactive research exchanges. There are regular meetings of the principal with researchers to ascertain the state of their progress.*
5. *Holkar Science College is a government college. As such it receives financial aid from govt. of MP. Being a recognized autonomous college it also receives substantial financial funds from the UGC for various purposes. The college also runs a number of self-financed courses. The funds generated by means of fees are used in the expansion of Labs and updating of college library. Being a government college the institution complies with the instructions and directives issued by the Department of Higher Education Govt. of MP from time to time.*

## 6.3 Quality improvement strategies adopted by the institution for each of the following:

### 6.3.1 Curriculum Development

- *The college complies with the instruction and directives issued by the department of higher education Govt. of M.P.*
- *Hence the curriculum designed by the higher education department is followed.*
- *Being an autonomous Institution the college has the facility to add 10-20% in this curriculum by seeking the permission of the members of the Board studies for the respective subject according to UPSC, GATE, NET examinations.*

### 6.3.2 Teaching and Learning

- *The IQAC is an active body aiming towards the qualitative analysis and evaluation of the teaching and learning process in the college. The committee members monitor the teaching learning process by constantly remaining in touch with the teachers and the students.*
- *Seminars and workshops are organized to keep the faculty updated.*
- *Along with the classroom teaching various other modern methods of teaching (LCD Projector, PPT Presentation and Interactive Board etc.) are also adopted to create interest of the students and inculcate in them an inclination towards research. Excursion tours and laboratory visits are organized to give them firsthand knowledge of the subject.*
- *For the continuous and comprehensive evaluation of the students different patterns like Assignment, Objective test, Group discussion, Viva voce, seminars etc are adopted.*
- *The faculty members and students visit the library every day.*
- *We focused to develop scientific temper, inculcate sense of inquiry, orient towards applications and solution of problems to students.*
- *Guide to students for national level competitive examinations.*

### 6.3.3 Examination and Evaluation

- *The college follows semester system at UG and PG levels.*
- *Entrance test followed by interview is mandatory for admission to M.Phil. courses.*
- *The CCE of the students is ensured through test, assignments, seminars etc. and there is a written examination at the end of the semester.*
- *In order to maintain confidentiality and academic standards it mandatory that at least 50% of the exam papers are set by the external setters.*
- *The college follows a centralized pattern of valuation at UG level and PG level valuation is done by the setter.*
- *Examination results are made available on college website, student can download the provisional mark list.*
- *The various steps are taken in valuation of answer books- Mixing, coding, valuation, scrutiny, review, decoding, data-entry, results on website.*
- *Mandatory moderation of question paper before the commencement of examination.*
- *Provision to show valued answer sheets on the request of the students in the presence of the subject experts and guardian to satisfy the students by removing their doubts. Here students can challenge the valuation. Revaluation done by two examiners.*
- *Examiner for M.Sc. practical exams and for M.Phil. Viva voce from outside the native university.*

### 6.3.4 Research and Development

- *Every teaching departments of the college has been equipped with internet in order to facilitate research activities.*
- *There are latest research journals available in the departments and in the central library.*
- *For e-journals and e-books del-net is installed in library. The students and professors can take its membership.*
- *There are regular meetings of the principal with researchers to ascertain the state of their progress.*
- *Faculty members have been encouraged to organize/participate in research seminars/workshops/training programmes etc., to take up major and minor research projects and to establish research collaborations.*

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

- *Library is partially computerized.*
- *There are latest research journals available in the departments and in the central library.*
- *For e-journals and e-books del-net is installed in library. The students and professors can take its membership.*
- *On the first floor of the academic block the construction of seven classrooms is in progress.*
- *Two research laboratories – Energy Lab and Material Lab are constructed.*
- *A cultural centre is constructed.*
- *College used modern techniques like-online videos/lecturers in laboratories for the better understanding of subject.*
- *A washroom constructed, conference halls (26 A & B) are renovated in Chemistry dept.*

### 6.3.6 Human Resource Management

- *The college has a well-defined administrative set up for the smooth functioning of the institution.*
- *While the principal as the head of the institution remains at the helm of all the academic and administrative affairs in the college, the administrative officer serving as a link between the principal and the other staff members facilitates day to day administration of the institution.*
- *Every teaching department is headed by a senior professor entrusted with the administrative and academic responsibilities of that particular department.*
- *There are formed various committees comprising senior and experienced members of the staff for a number of activities taking place on the campus through the year.*
- *Constant monitoring is done to avoid any slackness in the administration. Along with the teaching staff the college has class three and class four employees also.*
- *The principal and member of college staff work in perfect harmony to ensure a smooth, effective and transparent management of the institution.*
- *Holkar Science College is a government college. As such it receives financial aid from govt. of MP. Being a recognized autonomous college it also receives substantial financial funds from the UGC for various purposes.*
- *The college also runs a number of self-financed courses. The funds generated by means of fees are used in the expansion of Labs and updating of college library.*
- *The recruitment of the permanent employees is done by the Department of Higher Education Govt. of M.P.. The salary and other benefits related to finance, leaves, health etc. are regulated and implemented as per the rules laid down by the department of higher education.*
- *The recruitment of the temporary employees is done by the college authorities as per the rules laid down by the department of higher education.*

### 6.3.7 Faculty and Staff recruitment

- *This is a Govt. Institution.*
- *Only in self finance courses offered by the college, faculties and staff members are recruited by the college on contract basis according to UGC norms and directives given by the Dept. of Higher Education Govt. of M.P. for one session only.*

### 6.3.8 Industry Interaction / Collaboration

*Collaborations: s*

*National institutes(24)- Dr.H.S.Gour University, Sagar, PG Tech. Inst., ONGC, Directorate of Geology and mines, Manganese ore India Ltd., Hindustan Copper Ltd., DAVV Indore, RR CAT Indore, NRCS Indore, IUC Indore, MGMMC Indore, Parental Drug India Ltd. Indore, Disha Fertility Centre Indore, NFI Ltd. Dewas, IVRI Bareilly (UP), IAHVBP Mhow, CHL-Apollo Hospital Indore, Plethico Lab. Indore, Chouksey Lab. Indore, SahkariDugdhSanghMaryadit Indore etc. Agriculture College Indore, BioRe Association Kasrawad, JNU New Delhi, MPUAST Udaipur.*

*International institutes (1) - Research Institute of Organic Agriculture, Switzerland.*

### 6.3.9 Admission of Students

- Online admissions at both UG and PG level in the college are based on merit basis as per the directives given by the Department of Higher Education Govt. Of M.P.
- Entrance test followed by interview is mandatory for admission to M.Phil. Courses.

### 6.4 Welfare schemes for

Teaching	4% TWF fund generated
Non teaching	---
Students	<ul style="list-style-type: none"> <li>➤ On the basis of merit cum means the college provides three half freeship facilities to each section of self financed courses.</li> <li>➤ Full free ship to students whose parents live BPL.(BPL Card holder).</li> <li>➤ Full free ship to students who have lost their parents.</li> </ul>

### 6.5 Total corpus fund generated

40000000

6.6 Whether annual financial audit has been done    Yes     No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	--	Yes	Head/IQAC/ Principal
Administrative	Yes	AGMP/Higher Edu.	Yes	Head/AO/Principal

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes    Yes     No

For PG Programmes    Yes     No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- Admission and Examination fee collection is online.
- The college follows semester system.
- The CCE of the students is ensured through test, assignments, seminars etc.
- At UG level, in the written examination conducted at the end of the semester, each paper contains three parts: Part-A(05 objective questions), Part-B(five short answer type questions with internal choice) and Part-C(five essay type questions with internal choice) and at PG level each paper contains two parts: Part-A (five short answer type questions with internal choice) and Part-B (five essay type questions with internal choice)
- In order to maintain confidentiality and academic standards it is mandatory that at least 50% of the exam papers are set by the external setters.
- Examination results are made available on college website. Students can download the provisional mark list.
- Central Valuation at UG level, Valuation at PG level by the setter.
- For uniform valuation UG level the setter has to submit the MOI along with the paper.
- Moderation of the paper one hour before the commencement of the examination.
- Valuation take place in steps – Coding – Valuation-Re-view-Deco-ding of the A/B.
- A student, if not satisfied by the valuation, can see his valued A/B in presence of subject experts and his guardian.
- Revaluation facility of the A/B available by two examiners.
- Examiner for M.Sc. practical exams from outside the native university.
- In M. Phil. valuation and Viva Voce are conducted by the experts from other Universities.

#### 6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

NA

#### 6.11 Activities and support from the Alumni Association

*There is an alumni association “Old Holkarian’s Association (OHA)” which extends its full support to the institution.*

#### 6.12 Activities and support from the Parent – Teacher Association

- *Parents-Teachers Meetings (PTM) are organized at departmental level in the beginning of each semester. In these meetings in addition to the resolution of individual problems of the students, issues like improvement in the institution, educational system, students benefit policies etc. are discussed. Parents are also apprised of their ward’s progress in the institution.*
- *Parent Teachers meeting was organized by the dept. of Bio. Tech. & Bio. Info. During the session, feedback is taken and suggestions are given by parents.*

#### 6.13 Development programmes for support staff

- *Health check-up camp.*
- *Yoga Karyakram.*

#### 6.14 Initiatives taken by the institution to make the campus eco-friendly

- **Energy conservation:** *Large size windows in the classrooms for good ventilation, labs are installed with CFL bulbs to minimize the expense of electricity.*
- **Water harvesting:** *Water recharging pits have been constructed at many places.*
- **Efforts for Carbon Neutrality:** *There is no major carbon released, AC facilities are available at the Principal’s office, Yashwant Hall, Conference hall and the Examination Department.*
- **Plantation:** *To make the campus green and eco friendly plants are planted during the session. Our NSS volunteers and gardeners take care of the plants regularly.*



## Criterion – VII

### 7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

#### **Academic Innovation:**

- At the beginning of the session Zero hour Classes for the students of I semester and Bridge classes for the III and V semester students are being organized.
- Classes are arranged for the students for various competitive examinations like- UPSC, MPPSC etc.
- The faculties are encouraged to attend various seminars/conferences held in different colleges across the country so as to inculcate the innovations in education and for their self- development.
- Seminars and workshops are organized to keep the faculty updated.
- Encourages the students to imbibe research culture by allotting them research projects under Inspire Research Scholarship Programme.
- Workshops are organized to keep the students updated with latest technologies.

**Career:** Swami Vivekananda Career Guidance Cell and the Placement Cell in the college provide counseling regarding the career options and guide the students to make correct choices according to their capabilities. The Placement Cell invites various companies for campus placement where a number of students are selected. During the session 335 students were participate in the campus placement by various companies out of them 11 are placed as detailed given follows:

Name of organization/s Name of student	Placement date	Number of student participated	Number of student Placed
Cocentrix	22/09/15	160	04
Sunpharma	26/10/15	140	05
Krati Indust. Pvt. Ltd.	24/01/16	35	02
<b>Total</b>		<b>335</b>	<b>11</b>

#### **Teaching, Learning and Evaluation Process:**

- Along with the classroom teaching various other modern methods of teaching (LCD Projector, PPT Presentation and Interactive Board etc.) are also adopted to create interest of the students and inculcate in them an inclination towards research.
- Excursion tours and laboratory visits are organized to give them firsthand knowledge of the subject.
- For the continuous and comprehensive evaluation of the students different patterns like Assignment, Objective test, Group discussion, Viva voce, seminars etc are adopted.
- Arrange lectures related to skill and personality development.

**Interface with the alumni** Meetings with alumni are held from time to time to discuss and seek their suggestions for the development of the college.

**Developed Butterfly Garden, Medicinal Garden, Water harvesting Tank, Educational forest in the college.**

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

The IQAC always aims at stimulating an academic environment for promotion of teaching – learning and research in the institution:

**Research activities:** The IQAC has encouraged the departments to undertake quality-related research studies, seminars, workshops and training programmes.

**New Academic Programmes:** A number of new courses and certificate courses have been started as per the given plan. The departments have actively participated, arranged and organized workshops and seminars. **National and Collaborations and Linkages:** International collaborations have been made to promote a quest for excellence and research.

**Teaching and Learning:** The academic plans were channelized towards promoting the holistic academic excellence of the institution.

**Value added Programmes:** Apart from academic programmes a number of value added programmes, skill oriented programmes,

**Student mentoring programmes;**

**Co-curricular extension programmes:** have been organized. These programmes have inculcated a sense of belongingness and participation among the faculty members and the students.

The IQAC acted as a vehicle for the completion of plans and strategies made by the college. The IQAC has taken adequate action in promoting measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices. It has ensured timely, efficient and progressing performance of academic, administrative and financial task. The details of the plans implemented have been given in 2.15(Part A).

### 7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)

The college has been constantly following a number of best practices like the “**Butterfly Park**”, “**English Language Laboratory**”, “**Cleanliness Drive in the Campus**” etc. Apart from these ongoing practices the college has taken up a number of other best practices like: E-News letter, Medicinal Park and National Awards in Chemistry.

1. **The Medicinal park:** The Department of Horticulture has developed the Medicinal Park. The objective is to create awareness among the students and faculty members regarding the importance of natural therapy. The medicinal plants have some god gifted values which are harmless and can do wonders as there is no side effects. A number of plants are there in the park like-Neem, Amla, Jamun, Tulsi, Alovera etc. The college has developed certain rare species like-Sargandha which is used to cure acidity and is a uterine tonic, Bhringaraj used in the cure of headache and fever, Kelikand used in the cure of snake bite, Jaundice and leprosy etc.
2. **E-News letter & E-Magazine:** The college publishes e-news letter quarterly to show the achievements of its faculty members and students in the field of academic, cultural and sports. These news letters are available on the college website. The annual magazine “Spectrum” is now released online. It includes articles, poems, stories of the students and faculty members and the annual report of all departments.
3. **National Award in Chemistry:** In the honour of Dr. S.S.Deshpande, the college has constituted an award in the field of chemistry. Dr. S.S.Deshpande served the institution as a dedicated professor. He was also an earnest researcher; he completed his Ph.D. degree under the guidance of Nobel Laureates Dr. Thrope and Dr. Dr.Todd. This award is comprise a cash prize of Rs. 21000/ alongwith a citation. In the international year of Chemistry the first award was given to Dr.T. Pradeep, IIT Chennai at the event of national seminar organized by the Department of Chemistry. Second and third awards were given Dr.C.S.Gopinath, NCL Pune and K.K.Pant, IIT Delhi.

### 7.4 Contribution to environmental awareness / protection

A number of measures have been initiated to make the Campus eco-friendly and to create teaching-learning ambience.

#### **GreenAudit:**

- The College conducts a Green Audit of its stupendous campus.
- The green campus of the college has around 500 trees of different varieties like shrubs and perennial plants. Many trees have been labeled with their names also.
- The College is maintaining lush green lawns and medicinal herbs in the campus.
- Over a hundred flower pots are being maintained regularly.
- Massive plantation drive is carried out during every rainy season, on Independence Day and at other occasions with the help of N.S.S. & N.C.C volunteers.
- Gardeners (Maali's) are appointed to look after the plants and gardens. This practice helps in reducing carbon emission in the environment generated through gaseous and other pollutants.

**Energy conservation:** To conserve the electricity large size windows in the classrooms and laboratories for good ventilation, labs are installed with CFL bulbs.

**Water harvesting:** To conserve water in the campus, water recharging pits have been constructed at many places especially on the waste ground.

**Efforts for Carbon Neutrality:** To minimize the carbon byproduct majority of the class rooms and labs are non AC except for the Principal's office, Yashwant Hall, conference hall and exam department.

#### **Hazardous and e- Waste Management :**

- Hazardous chemicals used in the labs are diluted and safely flushed out in septic tanks.
- Plant and animal waste is disposed in deep pits.
- The degradable wastes are disposed through an agency hired for the purpose.

### 7.5 Whether environmental audit was conducted?

Yes

No



## 7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

*The institution conducted internal/external SWOT analysis during the year: Swami Vivekananda Career Guidance Cell, Personality Development Cell and the Placement Cell in the college provide counseling regarding the career options and guide the students to make correct choices according to their capabilities. The Placement Cell invites various companies for campus placement where a number of students are selected.*

**Career Guidance:** *By Swami Vivekananda Career Guidance Cell, 14 lectures/other activities on various topics were organized during the session.*

**Personality Development:** *By Personality Development Cell, 07 lectures/other activities on various topics were organized during the session.*

**Placement:** *3 organizations visited the campus and 11 students are placed at different organizations during the session while 11 students of the college placed off campus.*

## 8. Plans of institution for next year

*The College and the IQAC has formed a plan to improve the academic and administrative performance of the institution to provide quality education and to develop a learner – centric environment. It is proposed that*

- *More classrooms should be converted into smart classrooms. At present we have 5 smart classrooms.*
- *To introduce CBCS system at UG level. As we adopted CBCS system at PG level.*
- *To modernize labs with recent apparatus and established separate labs for UG, PG and research in each department.*
- *To construct a fish farm in the Fisheries Department.*
- *To establish a Bio. Tech. Park in college campus.*
- *To establish separate computer labs and seminar halls in each department.*
- *To establish a server client architecture in computer lab and an internet gallery in the college.*
- *New academic programmes should be started that would generate employment for the students.*
- *A well equipped modern research wing should be developed in each department for the research scholars and faculty members actively involved in research pursuits.*
- *To construct an auditorium and expand the cultural centre of the college for promoting our rich cultural heritage.*
- *To construct a separate unit for central valuation.*
- *To construct separate well equipped departments with separate cubicles along with computer and internet facility for the teachers, separate PG and M.Phil. class rooms, bigger labs and independent departmental libraries.*


Plan of Action	Achievements
<p>Academic programmes proposed:</p> <ul style="list-style-type: none"> <li>(i) To start B.Sc. (B.Ed.).</li> <li>(ii) To start MBA.</li> <li>(iii) To start M.Phil. in Physics.</li> <li>(iv) To start M.Phil. in Mathematics.</li> <li>(v) To start M.Sc. in (genetics).</li> <li>(vi) To organize academic tours.</li> <li>(vii) To organize Lectures /seminars /workshop/symposium.</li> <li>(viii) To start new certificate courses.</li> <li>(ix) To start New award if any.</li> <li>(x) To developed floriculture nursery.</li> <li>(xi) To motivate faculties for publication work.</li> </ul> <p>Infrastructure development proposed:</p> <ul style="list-style-type: none"> <li>(i) To develop separate blocks for each department.</li> <li>(ii) To construct extra classrooms.</li> <li>(iii) To construct new Laboratories</li> <li>(iv) To renovate Playgrounds</li> <li>(v) To enrich the Library.</li> </ul> <p>Value added programmes proposed :</p> <ul style="list-style-type: none"> <li>(i) To start cleanliness drive in the college and to make it a polythene free zone.</li> <li>(ii) Yoga Karyakram for students.</li> <li>(iii) Judo Karate camp for girls under self defence scheme.</li> <li>(iv) Subject like Moral Values should be incorporated as compulsory subject in the curriculum.</li> <li>(v) To organize lecturers related to Moral values, spirituality, national integration, Indian tradition and culture etc.</li> </ul>	<p>Academic programmes implemented:</p> <ul style="list-style-type: none"> <li>(i) Two courses at UG level – B.Sc. with Geography and B.Sc. with Economics started during the session.</li> <li>(ii) Two educational tours at “Bio. Tech. Industry, Rangwasa” and RRCAT were organized by the Dept. of Bio. Tech. and Bio. Info. During the session.</li> <li>(iii) Three educational tours of different industries at “Dewas, Bhopal, Panchmari” from 12-14/01/16 and “Panjariya Mhow” on 07/04/15 were organized by the Dept. of Micro Bio. During the session.</li> <li>(iv) One National seminar and one national work shop organized during the session through different departments of the college.</li> <li>(v) Approx. 136 faculties were participated in various seminars/workshops.</li> <li>(vi) Approx. 26 papers were presented by the faculties in various seminars.</li> <li>(vii) 05 major and 04 minor projects are ongoing while 02 major and 01 minor projects are completed during the session.</li> <li>(viii) About 81 research papers are published by the faculty member in various peer-reviewed/non-peer reviewed journals /proceedings.</li> </ul> <p>Infrastructure development implemented :</p> <ul style="list-style-type: none"> <li>(i) Two new classrooms on the first floor of the Academic Block are constructed.</li> <li>(ii) One research laboratory – Energy Lab is completed. Forensic lab is updated with modern equipments.</li> <li>(iii) Play grounds are renovated.</li> </ul> <p>Value added programmes implemented:</p> <ul style="list-style-type: none"> <li>(i) The students participated in the various programmes held on the occasion of Independence Day, Republic day and Gandhi Jayanti.</li> <li>(ii) The NCC cadets of the college performed various activities like Tree plantation, Environmental Bicycle rally and Election duties.</li> <li>(iii) The NSS unit organized a tree plantation programme.</li> <li>(iv) The Red Cross Society organized Blood donation camp in the college. On 6/2/16 the red cross society visited the slum area</li> </ul>

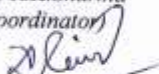
<p>Skill oriented and student mentoring programmes proposed:</p> <ul style="list-style-type: none"> <li>(i) To organize lectures on entrepreneurship skill development.</li> <li>(ii) To organize lectures on personal grooming, personality development and attitude building. This will help the students to face placement agencies coming to the institution.</li> <li>(iii) To organize career fair in the college.</li> <li>(iv) To organize lectures on the use of social networking sites and on awareness for cyber crime.</li> <li>(v) Job oriented projects.</li> <li>(vi) Entrepreneurship development programme for self employment.</li> <li>(vii) To organize Workshop for improving "Communication Skill".</li> <li>(viii) Organize Zero hour classes and Bridge classes.</li> <li>(ix) To organize Remedial classes.</li> <li>(x) To organize Classes for the preparation of competitive examinations.</li> <li>(xi) To organize talent search examinations.</li> </ul> <p>Co-curricular/community extension programmes proposed:</p> <ul style="list-style-type: none"> <li>(i) Physical Activities: YOGA, Judo Karate , sports activities: Institutional/ Division/ state/National/International sport competitions.</li> <li>(ii) Aesthetic and Cultural Activities: On the spot drawing &amp; painting competition, Group singing, Solo singing/ rhymes. Rangoli competitions.</li> </ul>	<p>and distributed cloth, food &amp; stationary materials.</p> <ul style="list-style-type: none"> <li>(v) Various activities- Sadbhavana day, Kom ekta day, NSS day, Plantation programme, health check up camp, blood donation camp, anti-drug rally, swachata abhiyan etc were organized by NSS during the session.</li> <li>(vi) Various women empowerment programmes- Lecture by IG Police on "Safety &amp; Security", safety camp etc were organized by the women empowerment cell during the session.</li> </ul> <p>Skill oriented and student mentoring programmes implemented:</p> <ul style="list-style-type: none"> <li>(i) A lecture series on - SWOT, Bhasha sudhar, Tense &amp; article from 02/07/15 to 07/07/15, Udyamita mein apar sambhavnayein on 30/10/15, startup India on 25/01/16, swaim ko rojgar ke liye kese tayyar karein on 28/01/16, How introduce for interview on 10/02/16 were organized by carrier guidance cell.</li> <li>(ii) Mobile repairing workshop form 04/01/16 to 23/01/16 and Beauty ad grooming classes from 20/01/16 to 12/02/16 were organized.</li> <li>(iii) Lectures on - Karein Manas Nirman on 31/07/15, Karein Rastra Nirman on 24/08/15, Bahuri Karega Kab on 10/11/15 etc organized by the personality development cell.</li> <li>(iv) Job oriented projects/ Internship are carried out by the final year students.</li> <li>(v) Entrepreneurship development programme is taught at the UG level as a separate paper.</li> <li>(vi) Zero hour classes for the student of first year, Bridge classes for the students of second and third years at the starting of the session and Remedial classes for weak students during the session were organized.</li> </ul> <p>Co-curricular/community extension programmes implemented:</p> <ul style="list-style-type: none"> <li>(i) Yoga Karyakram Surya Namaskar was organized for good health.</li> <li>(ii) A 15 day Judo Karate camp for girls was organized under self defence scheme by the Sports Department.</li> <li>(iii) Coaching camp in 15 games were organized by the department of sports during the session.</li> <li>(iv) 4 division level and 1 state level tournaments organized by the college</li> </ul>
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<p>(iii) <i>Literary Activities: Inter-House competitions, House meetings, English recitation, Hindi calligraphy, English calligraphy, Hindi &amp; English elocution (pronunciation).</i></p> <p>(iv) <i>Social Welfare Activities: Blood donation camp, Organs/Body donation programme, Awareness about AIDS, Personal hygiene pr. Health check up camps-Eye testing, Bone density, Lipid profile etc., Vector born disease awareness camp, clean environment programme, Eradication of child labourers, differentially able Day, Women's Day &amp; "World Diabetes Day" and awareness campaign, programmes for women empowerment, cancer/ Breast Cancer awareness programme, workshop on violence against women.</i></p> <p>(v) <i>Civic Development Activities: Road safety programmes-Traffic rule, Awareness about RTI, Awareness about Gender sensitivity. Voting awareness campaign,</i></p> <p>(vi) <i>Annual functions and Youth festivals.</i></p>	<p>during the session.</p> <p>(v) <i>26 NCC cadets participated on international Yoga day.</i></p> <p>(vi) <i>Annual functions and youth festival were organized during the session.</i></p>
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#### Achievements of students:

Department /Cell	Name of student	Name of award	Name of awarding agency	Date of award	Level of award
Sport	Shubham Pathak	Winner	M.P. Higher Edu. State Volleyball(M)		State
	Shubham Lotswe	Winner	M.P. Higher Edu. State Volleyball(M)		State
	Prajwal Joshi	Runner up	M.P. Higher Edu. State Criket		State
	Mahak Pradhan	Winner	M.P. Higher Edu. State Basketball		State
	Isha Joshi	Winner	M.P. Higher Edu. State Basketball		State
	Prashubha Yadav	Winner	M.P. Higher Edu. State Basketball		State
	Sana Khan	Winner	M.P. Higher Edu. State Volleyball(W)		State
Sarita Ambliyar	Winner	M.P. Higher Edu. State Volleyball(W)		State	
Cultural & Literacy	Juhi Yadav	First Third Second First	1.Collage-University level youth festival 2. Collage-State level youth festival 3. Cartooning-University level youth festival 4. Poster making-University level youth festival		University State University University
	Hardik Dave	First  First First Second  Second  First Second Third	1.State level Debate(Open)-Prerna club Alirajpur 2.Division level Matadata Jagrukta Debate 3.Division level youth festival-Paricharcha 4. Division level youth festival-Debate 5. Division level youth festival-Debate(Late Gopal Bhatta Smriti) 6. Division level youth festival-Debate(Nirbhay Singh Patel Smriti) 7. State level youth festival-Debate 8. State level youth festival-Paricharcha 9.National level youth festival-Debate 10. Represented India in International conference on youth empowerment		State  University University University  University  State State National International
	Nachiketa	First	1.Sharda sangeet Vidhyalaya, Dhar(Tr.Pr.) 2.EMRC Kukshi(youth Festival) 3.Samooh Gaan-Akashwani team member 4.SAREGAMA Audition Indore & Mumbai		State University University State
	Arti Kulkarni		1.State level Debate 2. National level Debate		State National
	Poorva Pandey		1.National level Dance competition-Sanskar Bhartiya natya Kendra 2.National Dance competition-Global threthe Cuttak, Orissa		National  National

  
Dr. R.K.Sharma  
(Coordinator)

  
Dr. Vivek Raich

  
Dr. T. Abbasi

  
Dr. K.N.Chaturvedi  
(Principal)

प्राचार्य,  
वासुदेव होलकर विज्ञान महाविद्यालय  
हम्पूर (म. प्र.)