

The Annual Quality Assurance Report (AQAR) of the IQAC
School of Life Sciences

Part – A

1. Details of the Institution

1.1 Name of the Institution	School of Life Sciences
1.2 Address Line 1	Takshashila Parisar, Khandwa
Address Line 2	Indore.
City/Town	Indore.
State	M.P.
Pin Code	452001
Institution e-mail address	Hodlifesci@rediffmail.com
Contact Nos.	0731-2467029, 0731-2477166
Name of the Head of the Institution:	Dr.S.Chand, Prof. & Head.
Tel. No. with STD Code:	0731-2467029, 0731-2477166
Mobile:	8827497074
Name of the IQAC Co-ordinator:	Dr.S.Chand, Prof. & Head.

Mobile:

8827497074

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHCOGN 18879) **EC/66/RAR/146 dated 21-02-2014**

1.4 Website address:

<http://www.dauniv.ac.in/>

Web-link of the AQAR:

<http://www.iqac.dauniv.ac.in/>

For ex. <http://www.ladykeanecollege.edu.in/AQAR201213.doc>

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	Four Star		20/09/2000	“Five Years”
2	2 nd Cycle	B grade	2.57 out of 4	16/09/2008	“Five Years”
3	3 rd Cycle	A	3.09	21 .2. 2014	“Five Years”
4	4 th Cycle	N.A	N.A	N.A	N.A

1.6 Date of Establishment of IQAC :

DD/MM/YYYY

21/11/2008

1.7 AQAR for the year (for example 2010-11)

2015-2016

1.8 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 _____ 2014-15 on 31-07-2015 _____
- ii. AQAR _____ 2015-16 on _03-09-2016 _____
- iii. AQAR _____ (DD/MM/YYYY)
- iv. AQAR _____ (DD/MM/YYYY)

1.9 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

Life Sciences

1.11 Name of the Affiliating University (for the Colleges)

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

Autonomy by State/Central Govt. / University

University with Potential for Excellence UGC-CPE

DST Star Scheme	<input type="text"/>	UGC-CE	<input type="text"/>
UGC-Special Assistance Programme	<input type="text" value="yes"/>	DST-FIST	<input type="text" value="√"/>
UGC-Innovative PG programmes	<input type="text"/>	Any other (<i>Specify</i>)	<input type="text"/>
UGC-COP Programmes	<input type="text"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="09"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="4+1"/>
2.3 No. of students	<input type="text" value="M.Sc.Pre 34
M.Sc.Fin. 23
M.Phil 05 (2015
Ph.D.C.work=15"/>
2.4 No. of Management representatives	<input type="text"/>
2.5 No. of Alumni	<input type="text" value="350 since 1990"/>
2.6 No. of any other stakeholder and community representatives	<input type="text"/>
2.7 No. of Employers/ Industrialists	<input type="text"/>
2.8 No. of other External Experts	<input type="text"/>
2.9 Total No. of members	<input type="text"/>
2.10 No. of IQAC meetings held	<input type="text"/>
	<input type="text"/>
	<input type="text"/>

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Nil Alumni Others Students

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

2.14 Significant Activities and contributions made by IQAC

Tree plantation, Seminars, lectures held during the year

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 *

Plan of Action	Achievements
Syllabus revision every two years	Choice based syllabus also included for students of M.Sc.Life Sciences and M.Sc.Industrial Microbiology, like Bio-informatics,Animal Physiology, Biodiversity & Toxicology,Microbiology etc. Syllabus revised bi-annually.

** Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

Part – B

Criterion – I

1. 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	01	NI	Nil	Nil
PG	03			
UG				
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	04			
Interdisciplinary	02			
Innovative				

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	Semester
Trimester	
Annual	

1.3 Feedback from stakeholders* Alumni Parents Employers Students

(On all aspects)

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

**Please provide an analysis of the feedback in the Annexure*

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

Syllabus revision every year.

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

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
09	03	01	05	Nil

2.2 No. of permanent faculty with Ph.D.

09

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

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
No		No		01	03	1	03	09	5

2.4 No. of Guest and Visiting faculty and Temporary faculty

00

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	03	09	06
Presented papers	03	09	
Resource Persons			

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

Board of studies designed and revise the syllabus to target three aspects one is the basic concepts second is advance course and subjects components and third is the employability. Faculty access the students in form of examination, scientific discussions and power point based presentations delivered by students (especially on advance topics preferably not part of syllabus). To access scientific temperament, practical and theoretical skills, fourth semester is completely dedicated to research work followed by presentation and viva-voce. These criteria provide overall personality and intellectual assessment of the students. Faculty is success on the intended outcomes, as most of our students pursuing higher education and research and few are serving corporate sector and public services.

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

185

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

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop 06

2.10 Average percentage of attendance of students 75

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
M.Sc.Life Sciences 2015	13	04	07	02	-	100
M.Sc.Ind.Mic robiology2015	08	04	04	00		100
M.Phil -2015	05(04 repeating)	00	00	01		

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

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	00
UGC – Faculty Improvement Programme	00
HRD programmes	
Orientation programmes	Nil
Faculty exchange programme	Nil
Staff training conducted by the university	Nil
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	00
Others	

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	04+2	04	Nil	Nil
Technical Staff	06	-	-	-

Criterion – III

3. Research, Consultancy and Extension

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

Research Facilities

3.3.1 A. Infrastructure in the department to facilitate research: **List of equipments and laboratories enclosed. Major equipments for research are as follows:**

1. HPLC
2. GC
3. EPR
4. Chemi-imager
5. Homogenizer
6. Spectrophotometer/spectrofluorimeter
7. (-)70 deep freezer
8. BOD incubator
- 9.

Growth chamber 10. Lica Microscope 11. Laminar air flow benches.

B. Strategies have been evolved to meet the needs of researchers in emerging disciplines: **Faculty is supervising Ph D and M. Phil students in the advanced areas of the field.**

3.3.2 A. Information and Resources catering to the needs of researchers of the department: **School of Life Sciences has well furnished laboratories and computer labs.**

B. Details of the facility. **List enclosed.**

3.3.3 Record of University Science Instrumentation Centre (USIC) facilities been made available to research scholars: **Yes, USIC provides help to repair instrument and glasswares.**

3.3.4 Record of provision of residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists (national/international): **University campus is Wi-Fi enabled.**

3.3.5 Details of Uses of the Facilities of IUC, CAT, NRCS, IIT Indore and other specialized Research Centers for research: **Students of Life Sciences work in collaboration with the Scientist of NRCS and CAT for their Ph D work andl also for M. Sc. Dissertation work.**

3.2 Details regarding major projects : List enclosed :

Ongoing Major Research Projects :

S. No.	Title of the project	Funding Agency/ Amount	PI
1.	Physiological Effects of Headline 20WG opera on Soybean and Trigonella.	BASF India Pvt. Ltd; 10 Lacs	Dr. K. N. Guruprasad
2.	Investigating molecular mechanisms underlying damaging effects of environment pollutants-polycyclic aromatic hydrocarbons (PAH) on photosynthesis. 2014.	Joint Indo-Russian Joint project sponsored by DST, India and RFBR (Russia) 14.88 Lacs	Dr. Anjana Jajoo
3.	Isolation and purification as well as efficacy evaluation of some novel dipeptidyl peptidase inhibitors-IV (DPP-IV) as therapeutic molecules for type 2 diabetes mellitus from plants	M.P. Biotechnology Council, Bhopal; 13.08 Lacs	Dr. Rameshwar Jatwa
4.	Women Scientist		
5.	Effect of Magnetopriming on the tolerance to abiotic stresses (Salinity and UV-B) in Maize and Soybean; three years. Somatic Embryogenesis of medicinal plants and metabolic engineering.	DST- Women Scientists Scheme –A, Sanctioned amount; Rs. 23,00,000/- UGC-CAS 1.48 Crores	Dr. Sunita Kataria Coordinator, Dr.S.Chand

3.4 Details on research publications

	International	National	Others
Peer Review Journals	13	14	
Non-Peer Review Journals	Chapter in book 2		
e-Journals			
Conference proceedings			

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 organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	07	UGC,DST,SERB, M.P.Biotechnology, Council,Bhopal	1.8 crores	24 Lakhs approx.
Minor Projects	-	-		
Interdisciplinary Projects				
Industry sponsored	01		9 Laks	9 Lakhs
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
Total				

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

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	-	-	-	-	-
Sponsoring agencies					

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 lakhs :

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

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
1	01					

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

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

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	<input type="text"/>	State level	<input type="text"/>
National level	<input type="text"/>	International level	<input type="text"/>

3.25 No. of Extension activities organized

University forum	<input type="text"/>	College forum	<input type="text"/>		
NCC	<input type="text"/>	NSS	<input type="text"/>	Any other	<input type="text"/>

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

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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				
Class rooms	04			
Laboratories	07			
Seminar Halls	01			
No. of important equipments purchased (\geq 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs) Chemicals, Glasswares and Equipments purchased during the year.			Departmental Contingency	12,32,507 During the year
Others				

4.2 Computerization of administration and library

Yes administration work done by computer and internet,

Computer Lab 02; Faculty rooms having IT facility. All faculty have internet connection on their computer. Wi-fi campus-Yes: Desktops-36, Printers-22 Scanners-05, Students go to IT Centre for computer internet facility.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	1357		30			
Reference Books						
e-Books	nil					
Journals	400					
e-Journals						
Digital Database						
CD & Video						
Others (specify)	87 Ph.D.Thesis 57 M.Sc.Dissertation thesis					

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	12	02	Yes		01	01 in Life Sci.office		
Added								
Total								

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

4.6 Amount spent on maintenance in lakhs :

i) ICT

All classes rooms and Seminar Hall are ICT Enables,Power point presentation are

ii) Campus Infrastructure and facilities

Yes

iii) Equipments

All major equipement are available Like HPLC,spectrophotometer,, and all

iv) Others

Total :

Criterion – V**5. Student Support and Progression**

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Class coordinator, curriculum committee, mentor has been appointed for counselling students for academic, finance and career support. Accessibility of all faculties during working hours. Also in case of any emergency or immediate 24x7 students are free to get any guidance.

5.2 Efforts made by the institution for tracking the progression

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Student Progression	%
UG to PG*	
PG to M.Phil.*	2
PG to M.Tech./ Ph.D.	4
Ph.D. to Post-Doctoral	2
Employment after Ph.D.	
Employment after M.Sc.	

M.Sc. and Ph.D. Life Science (2011-2012)

Student Progression	%
UG to PG*	
PG to M.Phil.*	2
PG to M.Tech./ Ph.D.	4
Ph.D. to Post-Doctoral	2
Employment after Ph.D.	
Employment after M.Sc.	

M.Sc. Industrial Microbiology

Student Progression	%
UG to PG*	
PG to M.Phil.*	

PG to M.Tech./ Ph.D.	2
Ph.D. to Post-Doctoral	2
Employment after Ph.D.	
Employment after M.Sc.	

UG	PG	Ph. D.	Others
	72	24	-

5.3 (a) Total Number of students

(b) No. of students outside the state 05

(c) No. of international students 00

Men	No	%	Women	No	%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
20	04	01	09		34	33	08	02	14	Nil	57

Demand ratio

Dropout %

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

No. of students beneficiaries

5.5 No. of students qualified in these examinations

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

5.6 Details of student counselling and career guidance

No. of students benefitted

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed

5.8 Details of gender sensitization programmes

School caters for students from urban,rural and remote areas from all over India. Mentor for each students. ICT based teaching. Reference studv material provided via-e medium.

5.9 Students Activities

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

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

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

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution		
Financial support from government		
Financial support from other sources		
Number of students who received International/ National recognitions		

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

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

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision and Mission :

Vision: The School of Life Sciences will be known as a premier destination, offering comprehensive, collaborative, interdisciplinary and sustainable training to the students and researchers of biological sciences.

Mission: To provide an environment conducive to learning, working, and conducting research through Professionalism, Excellence, and Teamwork in the basic and applied life sciences arena.

Mission statement definition for the department's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, the institution's tradition and value orientations, its vision for the future,

School of Life Sciences is one of the oldest teaching departments, which established itself as a premier school for quality research and education on the national as well as international level. The state-of-art facilities and equally trained faculties constitute the robust framework on which the school thrives. Wide majority of the faculties have trained in the most modern laboratories in the country and abroad. They share this expertise and exposure to the students. The courses offered and the research activities are in line with the current requirement of the country. The research on herbal remedies, plant physiology, photosynthesis, molecular medicine, plant biotechnology, environment biology and applied microbiology are all aligned to the present day need of the country and the society. School of Life Sciences seeks and trains students who have a strong aptitude for research. Majority of the students graduating from the school take up careers in research institutions. School of Life sciences has always focused on research based teaching. The faculties are actively engaged in research activities and hence latest areas are constantly inculcated in the teaching endeavor. The Schools of life Sciences shall maintain its aforesaid focus on the lines it has traditionally followed.

6.2 Does the Institution has a management Information System

The following committee are operational:

- Departmental committee
- Anti-ragging committee
- Gender sensitivitycommittee
- SC/ST/OBC Fellowship related
- Animal Ethics Committee
- Radiation biosafety.

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

6.3.1 Curriculum Development

Perspective plan

1

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Periodic review of our status and goals set is done to derive an effective plan to achieve the set mission.

2 Enhancing Teaching and learning

Adoption of new technologies like ICT and optimal use of IT tools to create and effective content is attempted to produce future ready students. Students are exposed to various institutions and industries by organising educational tours.

3 Enhancing Research and development

Experts from various areas of life sciences are routinely invited and their inputs are utilized for improving the research and development in the school.

4 Enhancing Community engagement

Constant focus is put on working on problems that affect the community in particular and humanity on the whole.

5 Enhancing Human resource planning and development

Faculties are given individual charges for their exposure to the departmental work. They are also encouraged to undergo training and development programs. Students are not only trained for a leadership role, but are also exposed to cutting edge technology making them ready for future challenges.

6 Enhancing Industry interaction

Inputs from various industries (national and International) are seriously taken into account while revising the syllabus. Practical courses are designed in such a way that the skill set acquired by the students is in line with the industry demand.

7 Enhancing Internationalisation

Scientists returning from abroad routinely visit the department to share their experiences and the guidance offered helps in preparing students for the global scenario. Many of the faculties are on the editorial boards of reputed international journals

- | |
|--|
| <p>1. Work for vision and for achieving the mission. Periodic review of our status and goals set is done to derive an effective plan to achieve the set mission. 2. Adoption of new technologies Like ICT and optimal use of IT tools to create and effective content is attempted to produce future ready students. Students are exposed to various institutions and industries by organising educational tours. 3. Experts from various areas of life sciences are routinely invited and their inputs are utilized. 4. Constant focus is put on working on problems that affect community in particular and Humanity on whole.</p> |
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6.3.5 Library, ICT and physical infrastructure / instrumentation

6.3.6 Human Resource Management

Ratio of Library books to students enrolled: 25

6.3.7 Faculty and Staff recruitment

6.3.8 Industry Interaction / Collaboration

6.3.9 Admission of Students

6.4 Welfare schemes for

Teaching	
Non teaching	
Students	

A copy of all dissertations (M.Sc.,M.Phil,and Ph.D) is kept in the department for ready reference. Publication of departmental faculties and students are also maintained with individual teacher. The course handouts are reference materials are also provided as soft/hard copy to the students.

6.5 Total corpus fund generated

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				
Administrative				

6.8 Does the University/ Autonomous College declares 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?

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

6.11 Activities and support from the Alumni Association

6.12 Activities and support from the Parent – Teacher Association

6.13 Development programmes for support staff

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

Criterion – VII

7. Innovations and Best Practices

Department Area Green Audit details

School of Energy and environment conducts the energy imbalance audits of the department and till now only slight imbalances have been found. Three lush-green gardens have been developed in the near vicinity of the School. Many evergreen trees have been planted and adopted by the department for upkeep. During the summer season, the departments' tractor and tanker is utilized to its capacity for watering of the plant in the campus. 50% of TFL lamps have been replaced with high efficiency TFLs' to conserve energy. The newly constructed portion has large windows to allow maximum natural lighting reducing the overall energy expenditure.

7.1.2 Departmental initiative to make the campus eco-friendly?

1 Energy conservation

Installation of energy saving TFL and dark film installation on window panes to reduce the external heating has been done.

2 Use of renewable energy

NIL

3 Water harvesting

Water recharging soak pits have been installed to allow percolation of water.

4 Check dam construction

NIL

5 Efforts for Carbon neutrality

NIL

6 Plantation

Three lush green gardens have been developed and numerous trees have been planted. Apart from these many plantations have been adopted near the building for upkeep and maintenance.

7 Hazardous waste management

NIL

8 e-waste management

NIL

9 any other (please specify)

Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the department

The lecture delivery method has been extensively modernized to ICT based systems, which has led to a better content delivery. The reference material is also being provided via the e-medium. Assignments are now accepted via e-mails as well. The building is totally WiFi allowing for better connectivity and smoother information flow.

7.3 Best Practices

7.3.1 Give details of any two best practices which have contributed to better academic and administrative functioning of the department.

ICT based lecture delivery and record keeping of the meetings have contributed to better academic and administrative functioning. Seminars are being conducted regularly in the departments. Remedial classes for slow seminars have been one of the last practices adopted in the department.

Problems Encountered and Resources Required:

1. Need of supporting and administrative staff.
2. Decreasing number of research students pursuing biological sciences due to fewer opportunities in the all of Biological Sciences.

To solve this problem, research fellowships may be provided to all those Ph.D. Scholars who are admitted through Entrance Test and interviews and completed the UGC specified coursework in the subject.

Plans of institution for next year

Name _____*Dr.S.Chand,Prof.& Head.*

Name _____

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

_____*_*_*_____
