

School of Life Sciences (SLS)

The Annual Quality Assurance Report (AQAR) of the **IQAC** **School of Life Sciences: Academic Year 2013-14**

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 Road,

Indore.

Address Line 2

City/Town

State

Pin Code

Institution e-mail address

Contact Nos.

Name of the Head of the Institution:

Tel. No. with STD Code:

Mobile:

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.4 Website address:

http://www.dauniv.ac.in

Web-link of the AQAR:

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	“B”	Four Star	2000	“Five Years”
2	2 nd Cycle	“B”	2.57	2008	“Five Years”
3	3 rd Cycle	“A”	3.09	2014	“Five Years”
4	4 th Cycle	NA	NA	NA	NA

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

21/11/2008

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

2013-14

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 _____ (DD/MM/YYYY)4
- ii. AQAR _____ (DD/MM/YYYY)
- 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-financ

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

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 UGC-CE

UGC-Special Assistance Programme DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

10

2.2 No. of Administrative/Technical staff

4+1

2.3 No. of students

M.Sc.Pre 33

M.Sc.Fin. 31

M.Phil 08

2.4 No. of Management representatives

2.5 No. of Alumni

(2014-5)

2.6 No. of any other stakeholder and
community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No.

Faculty

Non-Teaching Staff

Nil

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

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.like Bio-informatics,Animal Physiology, 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	Nil	Nil	Nil
PG				
UG	02			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total				

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	
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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 two years.

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

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Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	10	02	02	06	Nil

faculty

10

2.2 No. of permanent faculty with Ph.D.

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		No		No			

2.4 No. of Guest and Visiting faculty and Temporary faculty

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	01	03	02
Presented papers			
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

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

2.10 Average percentage of attendance of students

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 2014	18	02	12	04	-	
M.Sc.Ind.Microbiology2014	14	05	07	02		
M.Phil -2014	08	02	05	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	04
UGC – Faculty Improvement Programme	02
HRD programmes	00
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.	05
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

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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.	Evaluation of predictive prognostic value of mannose binding serum levels and exon promoter polymorphismin association with known biological markers of ischemic stroke.	UGC; 7.5 Lacs	Dr. K. Hajela
3.	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
4.	Investigating molecular mechanisms underlying damaging effects of environment pollutants-polycyclic aromatic hydrocarbons (PAH) on photosynthesis.	Joint Indo-Russian Joint project sponsored by DST, India and RFBR (Russia) 15.56 Lacs	
5.	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
6.		UGC, New Delhi;	

7.	Exploration of GLP-1 as therapeutic molecule for steroid induced type 2 diabetes mellitus.	6.22 Lacs SERB, New Delhi	Dr. Sunita Kataria
8.	Development of glucagon-like peptide-1 (GLP-1) as a therapeutic molecule for metabolic syndrome Women Scientist Effect of Magnetopriming on the tolerance to abiotic stresses (Salinity and UV-B) in Maize and Soybean; three years.	16.16 Lacs. DST- Women Scientists Scheme –A, Sanctioned amount; Rs. 23,00,000/-	

3.4 Details on research publications

	International	National	Others
Peer Review Journals	24	02	
Non-Peer Review Journals	Chapter in book 8		
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	83.50 Lacs	50 Lacs
Minor Projects	-	-		
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)				
Any other(Specify)				

Total				
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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/fund

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					

Year	National	International
2008-09	Shanti Swaroop Bhatnagar Awardees' conference, July 17-19, 2009	-
2011-12	Recent Trends in Life Science, 25-26 th Feb 2012	-
2012-13	(1) Refresher Course in Life Science, Jan 2-22, 2013 (2) Distinguished Scientists Lecture series, March 19-20, 2013	-

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
12	07	05				

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
International level National level

3.22 No. of students participated in NCC events:

University level State level
International level National level

3.23 No. of Awards won in NSS:

University level State level
International level National level

3.24 No. of Awards won in NCC:

University level State level
International level National level

3.25 No. of Extension activities organized

University forum College forum
NCC NSS Any other

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

-
-

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)				
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.off ice		
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

iv) Others

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

Total :

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

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

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

(c) No. of international students

Men

No	%

 Women

No	%

Last Year						This Year					
General	SC	ST	OB C	Physically Challenged	Total	General	SC	ST	OB C	Physically Challenged	Total
34	06	07	12		59	35	04	01	03	Nil	43

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

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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 study 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 biosafetv.

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

6.3.1 Curriculum Development

Perspective plan for development and write-up of policies and strategies to

- 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 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

6.3.4 Research and Development

- | |
|---|
| <ol style="list-style-type: none">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. |
|---|

6.3.5 Library, ICT and physical infrastructure / instrumentation

Ratio of Library books to students enrolled: 25

87 book purchased during XI plant. 480 Journals and 1357 Books are in library.

6.3.6 Human Resource Management

6.3.7 Faculty and Staff recruitment

6.3.8 Industry Interaction / Collaboration

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.

6.4 Welfare schemes for

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 institutions?

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
Chairperson, IQAC*

Signature of the

Annexure I

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence

DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission
