

Annual Report 2016-17

This format outlines the annual reports to be published by all colleges in the Madhya Pradesh on their websites, by October 31st of each year. Part I is intended as a guide and colleges are free to alter the contents and format as they see fit. Part II, the Appendix (Institutional Performance Data and Financial Reports), is mandatory and colleges are required to report all data as per the attached format and instructions.

Important Information –

- Name of the college – **Govt. science & Commerce P.G. College Benazeer, Bhopal**
- Place of the college - Bhopal
- District - Bhopal
- Division - Bhopal
- Year of establishment of college – 08/10/1982
- Name and Contact details(Mail id , Phone) of Principal
 –Dr. Vibha Shukla (9826773240)
 E-mail ID:- hegbsccbho@gmail.com
- Name , Post and Contact details of (mail id, Phone no.) of Reporting In charge –
 Dr. Neelam Dubey, Prof. Of Chemistry
neelamprofdubey@gmail.com
 Govt. Science & Commerce P.G. College Benazeer
 Bhopal
 9425006942
- Date of report submission – **08/01/2018**

Part I

- 1. The Principal's Report (2 pages)-** Highlights the key activities, events, and successes of the past year and briefly describes major new initiatives to be undertaken over the next year.

Key activities-

- Our key activity was commitment to academic excellence.
- The teachers are actively engaged in research.
- The teachers also are involved in various project works.
- Smart class and E-learning room cater to the needs of students.
- About 99% of the teaching faculty is Ph.D.
- Most of the teachers have already completed orientation and refresher courses.
- The teachers regularly attend seminars.
- Most of the teachers use innovative teaching methods.
- All welfare schemes for students are being followed.
- Throughout the year, the carrier guidance cell of our college is regularly involved in carrying various programmes for the welfare of the students.

Events-

- Our college was accredited by NAAC in year 2016 (2.79 Score).
- Our student Hridyanand Yadav (under officer air wing of NCC) won 1st position on republic day parade. Further, sergeant Vikas Mishra again our NCC student participated in special integration camp held in J&K.
- One of our students namely M/s Pooja Uikey participated in “Ma Tujhe Salam Yojna” held in Bhutan.
- Under Equal Opportunity Cell of UGC a training programme for socially un advantageous students (ST & SC) was organized.
- Under sports activities our college was the winner of inter college “Kabaddi” tournament. Further, Mr. Gajendra Batham our one of the students received Gold Medal in “Free Style Swimming Tournament”. Mr. Pankaj Batham also received Gold Medal in 50m Back Stroke in Inter College Tournament. Mr. Yogesh Malivya participated in 49kg weight Boxing Tournament and received Gold Medal.

Successes-

- Our success rate of students in examination was more than 55%.
- 13 Ph.D’s were awarded to the students of our college belonging to various faculties.
- Significant numbers of students were placed in good companies viz., Infosys, TCS, Accenture & Bonaz Capital. Some of the students got jobs in ICICI Bank & IFDI Bank.
- Participation of our students (NCC, NSS & Sports) at State and National Level.

New Initiatives-

- Conduction of Seminar based on Environmental Problems.
- More commitment to academic excellence.
- Focus on innovation and creativity.
- Focus on extracurricular activities.
- Catering to the needs of socio economically weaker section of the society.
- Inculcation of various skills in students.
- Reviving PG Courses in Botany and Zoology and opening PG in Physics.
- Opening of ad-on courses.
- Purchase of modern laboratory equipments.
- Establishment of Sports Complex.
- Increasing the number of smart classes and making virtual class accessible to the students.
- Restarting of Remedial Classes.
- More focus on faculty improvement programme.
- Converting our present library into E-library by way of automation and subscription of E-journals. Increasing the number of subscribed journals and reference books in the library.
- Strengthening the carrier counselling cell and emphasis on placement of students by organising various campus drives.
- Developing tracking system after graduation for the employment status of the students.
- Working on personality development and strengthening language skills of the students by establishing language lab.

2. Overview (1 page)

(i) Vision, Mission and Objectives of the college

Vision-

- To evolve innovations in teaching, learning and research so as to develop the Institute as Centre of Academic Excellence.
- To achieve top most grade through accreditation.
- To increase employability of the students by promoting creativity and entrepreneurship in students by equipping them with skills that would generate good employment.

Mission-

- Increase in ontime graduation at both UG and PG level and improve the academic performance of the students so as to attain at least 70% marks in the examination.
- Developing tracking systems of students after graduation and strengthening career counselling cell so as to place maximum number of student in good organisations.
- To enhance facilities so as to provide good opportunity to the deserving students.

Objectives-

- To cater to the needs of socio-economically weaker section of the society for the higher education.
- To facilitate the students to achieve excellence in higher education.
- To bring about qualitative up gradation of the students and equip them to face technical and economical challenges.
- To inculcate social concern in students.
- To provide career guidance, communicative skills and opportunity to deserving students.

(ii) Brief introduction of the college (including the status (Govt. / Lead/ Constituent/ Affiliated/ Private), Parent University, UGC recognition, CPE status, etc), location & campus area

Name - **Govt. Science & Commerce PG College Benazeer, Bhopal M.P.**
 Affiliated- **Barkatullah University Bhopal and UGC recognized.**
 Location- **Gokhale Chatravas Bhawan Jahangirabad, Near PHQ Bhopal**
 Website- **<http://gscbhopal.in>**
 Campus area- **100x100sqm**

(iii) History of the college with significant milestones

The College at present is situated in Jahangirabad, Bhopal. The situation of the college is such that it caters to all socio economic groups. The college was shifted to the present location during 2008. The college is affiliated to Barkatullah University and offers UG course in Commerce & Science and PG in Commerce, Maths & Chemistry. The college is blessed to have well qualified faculty under the efficient leadership of Principal **Dr. Vibha Shukla Madam**. The College has equally efficient group of supporting staff.

(iv) Faculties and major disciplines

UG

Commerce

1. B.Com Plain
2. B.Com Computer Application

Science Group

1. Math Science (Physics, Chemistry, Math), (Physics, Math, Computer Science)
2. Bio Science (Chemistry, Zoology, Botany), (Chemistry, Biotech, Botany), (Chemistry, Biotech, Zoology)

PG

Commerce

M.Com

Science Group

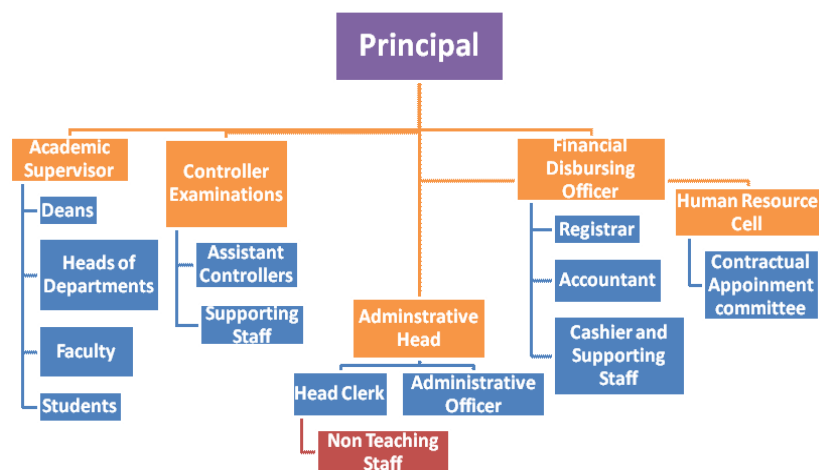
1. M.Sc. (Math)
2. M.Sc. (Chemistry)

3. Senior Management Team and Board of Governors (1 page)

Lists the members of the senior management team (Principal, Registrar, Deans etc.) and members of the Board of Governors including their designations and professional backgrounds.

Administrative Hierarchy

For example -:



**List of Chairperson/members of Statutory Bodies like Board of Governors/
Executive Committee/ Academic Council/ Janbhagidari Samiti, etc**

The college has Janbhagidari samiti under the efficient guidance of **Shri. Rameshwar Sharma, MLA.(Huzur)**. The samiti consists of the following:

- 1- Dr. Rajesh Khare- Coordinator
- 2- Dr. Rakesh Saxena- Member
- 3- Dr. Naval Singh- Member
- 4- Dr. S.K. Malhotra- Member
- 5- Dr. Satish Kumar- Member

4. Admission Statistics (1 page)

- The number of applicants at the UG and PG level who ranked the college as their 1st, 2nd and 3rd preference, the number of applications received for PhD courses, and the number of students admitted at each level as per the following format.

Applications	UG	PG	PhD
Applications that ranked the college as the 1 st preference	-	-	-
Applications that ranked the college as the 2 nd preference	-	-	
Applications that ranked the college as the 3 rd preference	-	-	
Total number of applications received	-	-	-
Number of students admitted	570	60	61

Data Source: E-pravesh portal, records of the affiliating university

- A brief demographic profile of students admitted (in terms of gender, caste, whether from MP etc.)

Name of the Course	Gender	Category	% of students from the State	% of students from other states
B.COM.I SEM	M-107 F-53	SC-42 ST-12 OBC-49 GEN-57	99.06	.04
B.COM. I SEM CA	M-18 F-12	SC-8 ST-1	100	0

Name of the Course	Gender	Category	% of students from the State	% of students from other states
		OBC-17 GEN-4		
B.SC. I SEM BIO	M-103 F-37	SC-32 ST-23 OBC-54 GEN-31	100	0
B.SC. I SEM BIOTECH-BOTANY-CHEMISTRY	M-3 F-2	SC-1 ST-0 OBC-2 GEN-2	99	1
B.SC. I SEM BIOTECH-ZOOLOGY-CHEMISTRY	M-13 F-4	SC-3 ST-3 OBC-8 GEN-3	100	0
B.SC. I SEM MATHS	M-112 F-15	SC-21 ST-13 OBC-53 GEN-40	99.5	.5
B.SC. I SEM COMP. SCI.	M-26 F-4	SC-5 ST-4 OBC-13 GEN-8	100	0
M.SC. I SEM MATHS	M-14 F-6	SC-1 ST-0 OBC-9 GEN-10	100	0
M.SC. I SEM CHEMISTRY	M-12 F-8	SC-4 ST-3 OBC-6 GEN-7	100	0
M.COM	M-12 F-8	SC-5 ST-1 OBC-6 GEN-8	100	0

5. Academic Programs: Core Programs - UG & PG

Core programs at UG level

Stream	Name of the Core Program	Eligibility	Optional subjects
Commerce	Bachelor of Commerce	10+2 from a recognized Board OR 10+2 with relevant vocational course from M.P. Board	Foundation course+ all compulsory subjects
Zoology	Bachelor of Science	10+2 from a recognized Board OR 10+2 with relevant vocational course from M.P. Board	Foundation course + all compulsory subjects
Botany	Bachelor of Science	10+2 from a recognized Board OR 10+2 with relevant vocational course from M.P. Board	Foundation course + all compulsory subjects
Maths	Bachelor of Science	10+2 from a recognized Board OR 10+2 with relevant vocational course from M.P. Board	Foundation course + all compulsory subjects
Computer Science	Bachelor of Science	10+2 from a recognized Board OR 10+2 with relevant vocational course from M.P. Board	Foundation course+ all compulsory subjects
Computer Application	Bachelor of Commerce	10+2 from a recognized Board OR 10+2 with relevant vocational course from M.P. Board	Foundation course+ all compulsory subjects
Biotechnology	Bachelor of Science	10+2 from a recognized Board OR 10+2 with relevant vocational course from M.P. Board	Foundation course+ all compulsory subjects + Zoology/Botany

Core Options at PG level

Faculty	Name of the Core Program	Eligibility	Subject Options
M.Sc. Maths	Master of Science	3 year Degree course with maths Science subject	<i>Adv. Dis. Maths Adv.Spec. Func. Theo. Of Lin.Oper. Oper. Research Integ. Transform Real Analysis, Topology, Abstract & Algebra.</i>
M.Sc. Chemistry	Master of Science	3 year Degree course with any Science subject	<i>Polymer Chem. Industrial Chem.</i>

			<i>Analy. Chem.</i> <i>Medicinal Chem.</i> <i>Bio. for Chemist</i> <i>Maths for Chemist</i>
M.Com. Commerce	Master of Commerce	3 year Degree course with Commerce subject	<i>Adv. Accounts</i> <i>Buss. Environment</i> <i>Mgt Concept</i> <i>Cost An. & Control</i>

M.Phil/ Ph.D. Programs

S.no.	Subject	Eligibility	No. of scholars registered
01	Maths	M.Sc. maths	18
02	Physics	M.Sc. Physics	04
03	Chemistry	M.Sc. Chemistry	14
05	Botany	M.Sc. Botany	05
06	Zoology	M.Sc. Zoology	09
07	Commerce	M.Com.	07
08	Hindi	M.A.	04

PG Diploma/ Diploma/ Certificate/ Self-financed/ Skill based Vocational/ Short term courses

Name of the Course	Department	Duration Years	Fees (Rs/-)	Seats
B.Sc. Biotech	Zoology	3	9960/-	30
B.Sc. Com. Sci.	Physics	3	8100/-	30
B.Com Comp. App.	Commerce	3	8040/-	30

6. Academic Calendar – (2016-17)

Academic Work	Third/ Fifth Semester	Fourth/ Sixth Semester
Orientation Classes/Zero Classes/SWOT analysis	01 July to 08 July 2016 (07 Working Days)	26 December 2016 (01 Working Day)
Teaching and Continuous Comprehensive Evaluation	10 July 2016 to 02 November 2017 (93 Working Days)	27 December 2016 to 18 April 2017 (92 Working Days)
CCE Schedule	3 rd Week of September 2016	2 nd Week of March 2016
Practical Exams (Graduation/Post Graduation)	Between 23 October to 09 November 2016	Between 02 April to 18 April 2017
Preparation Leave	02 November to 09 November 2016 (Total 07	19 April to 21 April 2017 (Total 03 Days)

	Working Days)	
Semester and ATKT Exams	10 November to 14 December 2016	23 April to 26 May 2017
Declaration of Examination Results	Till 31 December 2016	Till 15 June 2017
Semester Break (for students)	15 December to 23 December 2016 (09 Days)	28 May to 30 June 2017 (34 Days)
Semester Break (for teachers)	15 December to 23 December 2016 (09 Days)	28 May to 15 June 2017 (19 Days)

First Year (Annual Pattern) 2017-18

S.No.	Description	Dates
1	Admission	25.05.2017
2	Academic Work	01.07.2017
3	Admission Closed (except TC cases)	30.07.2017
4	Subject Change	Up to 08.08.2017
5	Student Union Formation	August/September 2017
6	All Competitions	Up to October end
7	NCC/NSS Activities	Up to October end
8	Annual Social Gathering/ Annual Magazine Publication or Release	2 nd Week of February 2018
9	Quarterly Internal Assessment	Last week of September 2017
10	Half Yearly Internal Assessment	Last week of December 2017
11	Declaration of Theory Exams	15 February 2018
12	UG Practical Exam	05 to 21 March 2018
13	Preparation Leave for Exams	22 March to 29 March 2018
14	Annual Exam	30 March to 15 May 2018
15	Result	15 June 2018
16	Diwali Holidays	17.10.2017 to 21.10.2017
17	Winter Break	15.12.2017 to 23.12.2017
18	Summer Break	28.05.2018 to 15.06.2018

7. The Student Experience (4 pages)

Briefly describes student life in the college:

- Infrastructural facilities available to students - Classrooms, Smart classrooms, laboratories and equipment, Common Research Lab, Hostel; Canteen; Garden; Students common room, Auditorium, Sports Complex & other facilities

Class rooms -12

Smart Class Room -01

Laboratories-06

Botanical Garden-01

Girls Common Room-01

Major Equipments

Research Microscope with image processing system

Refrigerator Shaker Incubator

Laminar Air Flow

UV – Visual Spectrophotometer

Transilluminator
Electrophoretic System
Cooling Centrifuge

- Library as a learning resource- advisory committee, its composition, facilities & services (e & print), annual improvement initiatives

- The Library Committee is constituted by
 1. Dr. Sanjay Telang
 2. Dr. Pragya Rawat
 3. Proff. Rafat Fatima
 4. Dr. Asad Ali
 5. Shri K.L. Khandpa is the Librarian.
- Number of Books -23238
- Magazines -13
- News Papers -08
- Academic Journals -15
- Computer & Photocopy Machine
- Average Number of walk-ins - 40
- Number of Books issued/returned -40 per day
- **Annual Improvement initiatives**
 1. It is planned to introduce Electronic Resource Management Package for E- Journals.
 2. Introducing searching tools in the library to search Articles in multiple Data bases.
 3. To establish Library Website.
 4. Making Library Capable of Access to e-publications.
 5. Complete Automation of the Library.

- Student support services:

✓ IT enabled services

- E-Learning Class Room
- Smart Class room
- Computer Lab.
- Access of students to Network resource centre

✓ Financial assistance (scholarships/ schemes for SC/ST/OBC/ minority, Group & Health Insurance Schemes)

- SC/ST/OBC Post Metric Scholarship
- Minority Scholarship
- Vikramaditya Scholarship
- Awagaman Yojna for girls
- Awas Sahayata Scheme
- Pratibha Kiran Scheme for girls
- Gaon Ki Beti Yojna for girls
- Lalima yojna for girls
- MMVY yojna
- ST Protsahan Yojna

- ✓ Personal enhancement & development schemes- NCC, NSS, Facilities for physically challenged & slow learners; Tutor-Guardian Scheme, Grievance Redressal Cell, Entrepreneurship Cell, Remedial classes, Career Guidance Cell.

- NSS - 3 Units (2 for Boys and 1 for Girls) each unit having 100 students.
- NCC – Army Wing Senior Division (53 Students)
- Facilities for Physically Challenged - Ramp constructed
- Facilities for Slow learner – Engaging Extra Classes
- Tutor Guardian scheme - Yearly Meetings held
- Grievance Redressal Cell – Regular Checking of Complaint Box
- Career Guidance Cell- Actively engaged in organizing different training programs for students.
- Entrepreneurship Cell – Organizes Regular Training Programs

- ✓ Extracurricular activities: Calendar of activities (Sports, Youth Festival, cultural and literary events), Achievements, Awards

All the activities related to youth festival were conducted from Sep-Oct as per Govt.

Calendar:-

Sports

- Sports students participated in Division/State/Nation Level in different events viz., Swimming, Boxing, Hand ball, Kabaddi , Volleyball, Softball & Kho-Kho.
- Our College Students were the winner of inter college Kho-Kho tournament.
- Gajendra Batham & Pankaj Batham were awarded Gold Medal in free style Swimming in inter university competition (National Level) at Chandigarh.
- Yogesh Malviya was awarded Gold Medal in Boxing in inter university competition (National Level) at Jalandhar.

Youth Festival

- College Students actively participated in various events during Youth festival.

Literary Events

Many students participated in the following literary events.:-

Debate

Quiz

Essay writing

Extempore

Speech

Culture Events

The following events were organized:-

Solo dance , Group dance, Solo Singing , Group singing, Skit, Mimicry ,

Cartooning

Rangoli, Painting etc.

- ✓ Major student welfare initiatives over the past year

- Activities related to NSS and NCC were maximized.
- Under the banner of Vivekanand Career guidance & placement cell, various

lectures, orientation programs, trainings, workshops & seminars were organized for the welfare and overall personality development of students.

- Equal opportunity cell of UGC organized a training program for unadvantageous group of students (ST/SC).
- Basic facilities were improvised.

- Extension Activities

- E-Learning and Smart class was established.
- The college was accredited by NAAC committee.
- Ramp construction for differently abled students.
- Introducing Astro garden concept in Botanical Garden.
- Construction of Cycle stand for the students.

8. Student Achievements (5 pages)

Highlights the most significant academic and non-academic achievements of students over the past year. This can include major academic awards and scholarships received student research, and sports and other extracurricular activities. Focusses, in particular, on profiling top achievers and describing how resources provided by the college helped these students succeed.

ACADEMIC

- Merit

S.no	Name of the award/ medal/ meritorious scholarship	Name of the recipient	Class	Area of achievement
	Nil	Nil	Nil	Nil

- Research scholarship/ award

S.no	Name of the scholarship award/	Name of the recipient	Class	Area of research
1	Maulana Azad Scholarship	Mr. Abdul Mazid Khan	Research Scholar	Botany (Microbiology)
2	National Scholarship	Yasmeen Kosar	Research Scholar	Commerce
3	Maulana Azad Scholarship	Sleeqa Bano	Research Scholar	Environment
4	Rajeev Gandhi National Fellowship (UGC)	Ku. Sarita Prakash	Research Scholar	Mathematics (Fixed Point Theory)

CULTURAL

- Participation

S.no	Name of the	District	State	University	National
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event	Level	Level	Level
			Students of our college participated in following cultural activities at university level:- <ul style="list-style-type: none"> • Solo dance • Group dance • Solo Singing • Group singing • Skit • Mimicry • Cartooning • Rangoli • Painting etc

• Awards and Achievements

Name of the student	Class	Event	Award/Achievement
Nil	Nil	Nil	None of the activities could fetch any award.

SPORTS

• Participation

S.no	Name of the event	Division Level	State Level	University/ National Level	International Level
1	Swimming			02	
2	Boxing			01	
3	Hand Ball		01		
4	Kabaddi		02		
5	Volleyball		02		
6	Softball			01	
7	Kho-Kho	06			

• Awards and Achievements

Name of the student	Class	Sport	Award/Achievement
Kho-Kho Team		Kho-Kho	Division level Winner
Gajendra Batham		Swimming free style	Gold Medal
Pankaj Batham		Swimming 50 mtr. back stroke	Gold Medal
Yogesh Malviya		Boxing (49 kg)	Gold Medal

9. Research Activities (4 pages)

Identifies major research themes, places these themes in their social and economic context, highlights major research achievements (publications, collaborations, intellectual property produced, external funding received etc.), and profiles top researchers. Lays out the research agenda and identifies themes for the coming year.

- Major research themes

S. No.	Department	Prioritized research area and expertise	Social/ economic context
1	Botany	Medicinal Plants, Tissue Cultures and research on yeast	Useful for economic point of view. Conservation of Endangered Species
2	Zoology	Environment & wildlife	Conservation of Nature
3	Chemistry	Phyto Chemistry & Environment	Useful economically and protection of environment
4	Commerce	Intra Regional Trade	Encouraging trade
5	Maths	Fixed Point Theory	Analysis of both pure and applied mathematics. It is concerned with topology and geometry. It is a powerful tool in the field of non linear phenomena.

- Major/Minor research projects

S. No	Name of the Faculty	Year	Title of the project	Name of funding Agency/ Industry	Total grant received
1	Dr. S.D. Dwivedi	2014-16	Antihyperglycemic and antioxidant activity of secondary metabolites from Family Asteraceae plants	MPCST	4.78 lac.
2	Dr. Mukesh Dixit	2016	Inventerization of major lakes of Bhopal	UGC	2.25 lac.

- Papers presented in regional, national and international seminars/ conferences

S. No.	Name of the faculty	Regional/ State	National	International
01	Dr. Harsha Jalori	Conf.-02 Seminar-02	Conf.-02 Seminar-01	Conf.-01

- Publications in national/ international journals

S.No.	Name of the faculty	Name of the journal	Title of the paper	ISSN/ ISBN number /Impact factor
1.	Dr. Sudhanshudhar Dwivedi	World Journal of Pharmaceutical Research	Protective effect of CALENDULA OFFICINALIS L. Against polluted water induced hepatotoxicity in albino rats.	ISSN 2277-7105
2.	Dr. S.K. Malhotra	Theory & Applications of mathematics & Computer Science	Fixed point of generalised kannan type alpha admissible mapping in cone metric spaces with banach Algebra	ISSN 2067-2764
		Scientific publications of the State University of Novipazar.	Relation theoretic contraction Principle in cone metric spaces with banach Algebra.	
		Journal of non linear functional analysis	Some fixed point theorems for G- contraction in cone b-metric spaces over A banach Algebra.	
		International referred Journal of engineering & Science (IRJES)	Some results of compatible mapping in metric spaces.	2319-183x
		Adv. Fix point theory	Some extended results using non compatible mapping in fuzzy metric spaces	1927-6303
		International Journal of advance research in science and engineering	Some new results using compatible mappings of type B in fuzzy metric spaces.	2319-8354

3.	Dr. Rajni Raina wangnoo	IJARSHE	Natural history and threats of Rat Snake with special reference to their protection	ISSN NO IS: 2455-9865
		International Journal of modern plant and animal sciences	Diversity of Aquatic Insects in lower lake Bhopal during premonsoon season.	ISSN: 2327-3364
		Journal of Fisheries and aquatic Science.	Exploring the various Physico-chemical parameters of surface water and sediments of Dal lake Srinagar, Kashmir	ISSN 1816-4927
		Journal of Chemical, Biological and Physical Science	Impact of Makar Sankranti festival on water quality of the river Narmada at Hoshangabad M.P.	ISSN 2249-1929
		International Journal of Fauna and Biological Studies	An assessment of reptilian diversity and their distribution in J. and K. from Jammu	ISSN 2347-2677
		International Journal of current Microbiology and applied sciences	Morphometric studies on Duttaphrynus melanostictus (Anura: Bufonidae) from Bhopal	ISSN 2319-7706
4.	Dr. Devendra Singh Patel	Indian Journal of Plant Sciences	Vegetation Ecology of wetlands of central India with reference to emergent plant communities.	ISSN-2319-3824
5.	Dr. Harsha Jalori	International Journal of theoretical and applied science	Investigation of non linear effect in ELF/VLF waves observed by the Demeter satellite over Seismic regions.	ISSN- 0975-1718
		International Journal of science-technology & management	Wavelet Analysis of ionospheric Anamolies prior to the low latitude earth quake.	ISSN- 2394-1529
6.	Dr. Asha Verma	WORLD Journal of Pharmaceutical research	Kinetics and mechanism of hydrolysis of Mono-4-chlorothyophenyl phosphate ester via conjugate acid species	ISSN-2277-7105
		WORLD Journal of Pharmaceutical research	Kinetics and mechanism of hydrolysis of Di-4-chlorothyophenyl phosphate ester via conjugate acid species	ISSN-2277-7105

		WORLD Journal of Pharmaceutical research	Kinetics and mechanism of hydrolysis of Tri-4-chloroethoxyphenyl phosphate ester via conjugate acid species	ISSN-2277-7105
		WORLD Journal of Pharmaceutical research	Accidental simulating homicide	ISSN-2277-7105
		Journal IJFAR	Heavy metal Pollution: source and impact on environment human health	ISSN-2390-7973

- List of linkages/ Collaborations/ MOUs

Linkages-

- Dawat Rice Food
- Lupin Mandideep

Collaborations-

- Aristo Pharmaceuticals Pvt. Ltd. Mandideep
- LTA Academy Bhopal
- Jawaharlal Nehru Institute of Corporate Social responsibilities

MOU'S-

- SCAN Laboratories
- PBRI Laboratories
- NIIT Training Centre

- College Publications: Research Journal, Magazine, Newsletter

Annual College Magazine "Anupam"

10. Human Resources (2 pages)

Highlights senior faculty and administrative appointments. Describes what new areas of activity (new courses, research areas, extracurricular activities etc.) and administrative improvements are enabled by these appointments.

1. Faculty and Administrative appointments: Teaching and Non-teaching

Positions	Teaching Faculty					Non Teaching Faculty	Technical Staff	
	Prof. Direct	Promoted Prof.	Associate Prof.	Assistant Prof.	Guest Faculty		Lab Tech	Lab Att.
Sanctioned by UGC/ University/ State Govt								
<i>Filled</i>	01	10	10	06	02	02	08	02
Sanctioned by Management/ Janbhagidari Samiti/ Other authority								
<i>Filled</i>	-	-	-		03 (Under janbhagidari)	04	03	

2. Guest Faculty: subject-wise appointments

S.no.	Name of the Guest Faculty	Qualification	Subject
1	Miss. Preeti Babele	P.G.	Hindi
2	Mrs. Tarini Dhawde	P.G.	English

3. Annual improvement in academic, research & administrative Initiatives

- Ph.D has been awarded to various students belonging to Chemistry, Mathematics, Botany & Zoology Departments.
- 05 Papers have been presented in conferences & 03 in national level seminars.
- 02 MRP's have been completed in the Department of Chemistry & 02 Minor research projects are running at present in the Department of Chemistry & Zoology.
- 21 research papers have been published in referred Journals.
- 02 of our administrative employees have undergone training regarding IFMIS.

11.Events and Initiatives (5 pages)

Describes major events including seminars, conferences, competitions, student study trips etc. Focuses on what was achieved and learned, and how the college will follow up.

Describes significant academic, administrative, student support, fundraising, and other initiatives over the past year. The description of each initiative will be structured around the need for the initiative, how it was designed, what resources were used, what results were achieved, and which features of the initiative drove success.

- No seminar and conference was organized in the college. However most of the students participated in various competitions during NSS, NCC & Cultural activities.
- However, in the month of February 2018 the college proposes to conduct a seminar on environment.

12.Institutional Development plan under RUSA and MPHEQIP

Till now we are not entitled for RUSA and MPHEQIP.

Indicator	Baseline Value	Target for (Current Year	Value as on 30 th September (Current Year)
NA			

Role of Internal Quality Assurance Cell (IQAC) in academic audit and initiating quality assurance strategies and processes

IQAC the backbone of the college contributes significantly in teaching and learning processes.

- Helps in developing quality culture among students.
- Coordinates various activities.
- Helps in interaction with other institutions with regards to research and development.
- Lays impasse on modern methods of teaching and learning.
- Stresses on feedback mechanism from students and parents.
- Provides useful information to teachers on various quality parameters.
- Acts as an important link between teachers and higher education.
- Encourages teachers for undertaking various research projects.
- Helps teachers to publish their research work in standard Journals. The research committee constituted by the principle is an important link between IQAC & teachers.

13.Placement Report (3 pages)

Describes the college's placement cell activities, placement rate and salary statistics, and lists major employers and sectors of employment (disaggregated by gender and course studied). Profiles successful alumni and identifies emerging placement trends.

Activities of Placement Cell

S. no	Name of the activity	Name of the Resource Person/ agency	Date & Duration
1	Lecture	Miss Monika Malhotra	03-07-2016 (01 day)
2	Lecture	Kavita & Rakesh Patra	16-09-2016 (01 day)
3	Orientation program	Nikhil Kumar	20 to 22/09/2016 (03 days)
4	Training	Sh. Irfan	20 days
5	Lecture	Ajay Sharma, Vinay Singh & Akhilesh Sharma	10-12-2016 (1 day)
6	Lecture	Ritu Shrivastava	26-11-2016 (1 day)
7	Special Lecture	Tena Sachdeva	13-01-2017 (1 day)
8	Workshop	Tena Sachdeva & Pooja Pandey	04-04-2017 (1 day)
9	Lecture	Shyam Sunder Shirivastava	12-04-2017 (1 day)
10	Seminar	Vikash Chaterjee	12-07-2017 (1 day)
11	Job Oriented Training	Perfect Institute Bhopal	20 days
12	Job Oriented Training	LTA Academy Bhopal	20 days
13	Lecture	Tina Sachdeva	13-03-2017 (1 day)
14	Lecture	Sanjay Tiwari	28-02-17

Placement Details

S.no.	No. of Students Selected	List of employers/companies	Salary Package
1	10	TCS, Infosys, Bonaz Capital	2.25 to 3.2 / annum

Alumni Profile

S.no.	Name of Alumni	Employment status	Name of the organisation
1	Rekha Shukla	Constable	Police Bhopal
2	Avinash Sahu	Constable	Police Bhopal
3	Gishan	Constable	OBS Company, Pune
4	Jayveer Pandey	Lab Technician Chemistry	MVM Bhopal
5	Dr. Sheeraz Ahemad	Assistant Prof.	New Delhi
6	Dr. Sanna Bhatt	Assistant prof.	J & k
7	Sanjay Agrawal	Ass. Income Tax Commisioner Bhopal	Income Tax Department Bhopal
8	Avinash Satpute		LIC Bhopal
9	Shekhar Singh		Lupin Mandideep Bhopal
10	Rajneesh Jain		Pharmaceutical Company Ahemdabad
11	Namrata Awasthi		Manit Bhopal
12	Dr. Sanjay Goyal	Assistant prof.	Delhi University
13	Dr. Naval Singh	Associate prof.	Govt. Benazeer College Bhopal
14	Manvi Kohali	Assistant prof.	Sagar College Bhopal
15	Hemant Rai	Forest Guard	Hosangabad

14. Innovations and Best Practices

- Emphasis on ethical lectures under the aegis of personality development cell.
- Followed energy conservation programme.
- Celebrated all national festivals with full enthusiasm.
- Focused on academic excellence of students.
- Organisation of Blood donation camps by NSS workers.
- Self defence training organised for girl students.
- Participations of NSS and NCC students in various events.

15. SWOC Analysis (strength , weaknesses, Opportunity and Challenges)

Strength-

- All the faculty (except 01) is doctorate.
- Most of the faculty is actively involved in quality research.
- College caters to various socio economic groups of students.
- All the faculty is almost permanent.
- E-learning room and Smart class rooms are the boon for non conventional teaching.

Weaknesses-

- The college at present does not have its own building.
- Lack of infrastructure with respect to classrooms and Laboratories.
- Library without automation, and proper reading room.

- Lack of sports complex.
- Lack of playground.
- Lack of auditorium.
- Lack of proper staff room.
- Lack of hostel.
- No canteen facility.

Opportunity-

- After shifting to new building we will have an opportunity to get grant under FIST-DST scheme and under 7th component of RUSA for the welfare of the college.
- New infrastructure shall enable us to revive PG courses in Botany and Zoology. PG in Physics will also be started.

Challenges-

- Our future challenge will be to groom our students for future.
- Promotion of placement companies for students.
- Encouraging job oriented courses.
- Establishment of music and language Departments.
- Providing facility for remedial classes.
- Promotion of coaching for entry in service (Banking, SSC, PSC, UPSC, SLET, NET and other competitive exams.)

16. Looking Ahead (3 pages) Future Plans

Lays out the college's priorities and goals over the coming year. Describes key initiatives planned, what each initiative is expected to achieve, and how it will contribute to the college's long term development.

Key Initiatives Planned/ implemented

S. No	Key Initiatives	Nature of proposal	Expected outcome
1	Infrastructure Development	For these key initiatives we shall require grant from world bank.	To provide better facilities to the students.
2	Language Lab.		
3	High-tech Computer Lab.		
4	Establishment of more smart classes		
5	Faculty Development for re-establishing PG in Botany & Zoology and opening of PG in Physics		
6	Establishment of virtual class room		

17. Appendix: Institutional Performance Data and Financial Reports

Provides key data on the institution and its performance, including achievement against strategic plan targets and financial reports. This section is mandatory. All data fields must be completed, in the format and as per the instructions attached.

Part II

Appendix: Institutional Performance Data and Financial Reports (all part II data kindly fill in attached excel sheet)

1. Sanctioned seats and enrolment

(a) Sanctioned Seats					
	SC	ST	Other Reserved Categories	General	Total
Undergraduate	91	114	80	285	570
Postgraduate	10	12	08	30	60
PhD					

Data Source: AISHE

(b) Enrolment							
		Undergraduate			Postgraduate		PhD
		Year 1	Year 2	Year 3	Year 1	Year 2	
SC	Male	88	64	71	09	05	
	Female	24	09	11	01	00	
ST	Male	49	41	21	04	03	
	Female	07	04	05	00	00	
Other Reserved Categories	Male	154	138	128	19	08	
	Female	42	31	28	09	09	
General	Male	91	112	101	13	10	
	Female	54	34	48	12	14	
Total	Male	382	355	321	38	26	
	Female	127	78	92	22	23	

Data Source: AISHE

Number of sanctioned seats by discipline group and enrolment in the 1st year as on September 30th [current year]				
Discipline Group	Undergraduate		Postgraduate	
	Sanctioned Seats	Enrolment	Sanctioned Seats	Enrolment
B.Com. (Commerce)	160	160		
B.Com. (Computer Application)	30	30		
M.Com (Commerce)			20	20
B.Sc. (PCM)	160	160		
B.Sc. (Computer Science)	30	30		
B.Sc (BIO)	160	150		
B.Sc (BIOTECH)	30	20		
M.Sc (Maths)			20	20
M.Sc. (Chemistry)			20	20

Data Source: AISHE

2. Transition and on-time graduation

(a) Transition from the 1st year to the 2nd year (Undergraduate)				
		Number of students admitted to the 1 st year in [the previous academic year] (*)	Of (*), the number of students currently enrolled in the 2 nd year who:	
			Passed all subjects in the 1 st year	Were Allowed to Keep Terms
SC	Male	80	63	16
	Female	22	15	5
ST	Male	48	27	17
	Female	05	04	01
Other Reserved Categories	Male	143	115	19
	Female	42	34	02
General	Male	85	70	13
	Female	51	44	04
Total	Male	316	275	65
	Female	120	97	12

Data Source: AISHE, examination results declared by [affiliating university/autonomous college]

(a) Transition from the 1st year to the 2nd year (Postgraduate)				
		Number of students admitted to the 1 st year in [the previous academic year] (*)	Of (*), the number of students currently enrolled in the 2 nd year who:	
			Passed all subjects in the 1 st year	Were Allowed to Keep Terms
SC	Male	07	04	01
	Female	01	01	00
ST	Male	02	02	00
	Female	00	00	00
Other Reserved Categories	Male	10	07	03
	Female	09	07	02
General	Male	10	08	02
	Female	11	09	01
Total	Male	29	21	06
	Female	21	17	03

Data Source: AISHE, examination results declared by [affiliating university/autonomous college]

(b) On-time graduation (Undergraduate)			
		Number of students admitted to the 1 st year in [year t-3] (*)	Of (*), the number of students who passed all final year examinations for the previous academic year
SC	Male	83	42

	Female	11	08
ST	Male	27	09
	Female	05	01
Other Reserved Categories	Male	148	93
	Female	27	22
General	Male	115	73
	Female	57	41
Total	Male	473	217
	Female	100	72

Data Source: AISHE, examination results declared by [affiliating university/autonomous college]

(b) On-time graduation (Postgraduate)			
		Number of students admitted to the 1 st year in [year t-2] (*)	Of (*), the number of students who passed all final year examinations in the current year
SC	Male	09	04
	Female	00	00
ST	Male	06	03
	Female	00	00
Other Reserved Categories	Male	11	07
	Female	08	06
General	Male	15	06
	Female	15	11
Total	Male	41	20
	Female	23	06

Data Source: AISHE, examination results declared by [affiliating university/autonomous college]

3. Faculty and administrative staff in position and training

(a) Faculty and administrative staff in position as on 30 th September, [current year]							
		Reserved					Unreserved
		SC	ST	MP Residents	Females	Others	
Assistant Professor	Sanctioned						
	Filled (Regular)	02	-	02	02	02	02

	Filled (Contract)						
	Guest Lecturers						01
Associate Professor	Sanctioned						
	Filled (Regular)	01	-	01	-	-	09
	Filled (Contract)						
	Guest Lecturers						
Professor Direct	Sanctioned						
	Filled (Regular)				01		
	Filled (Contract)						
	Guest Lecturers						
Professor Promoted	Sanctioned						
	Filled (Regular)	01	-	01	01	-	10
	Filled (Contract)						
	Guest Lecturers						
Admin. Staff (all)	Sanctioned						
	Filled (Regular)	01	-	01	01	-	01
	Filled (Contract)						
Accountant	Sanctioned	01					
	Filled (Regular)	01					
	Filled (Contract)						

Data Source: AISHE

(b) Training of faculty and administrative staff between October 1st [previous year] to September 30th [current year]				
		Leadership and management training	Training in the area of academic specialisation	Other training
Associate Professor	Number trained			
	Avg. number of days			
Associate Professor	Number trained		01	
	Avg. number of days		07+07	
Professor	Number trained			
	Avg. number of days			
Administrative Staff (all)	Number trained			
	Avg. number of days			
Accountant	Number trained			
	Avg. number of days			

Data Source: Compiled from training certificates submitted by faculty/administrative staff

(c) Faculty qualifications as on 30th September, [Current Year]					
		PhD	Postgraduate	Undergraduate	Others
Assistant Professor	Regular	05	01		
	Contract				
	Guest Lecturers				

Associate Professor	Regular	10			
	Contract				
	Guest Lecturers				
Professor	Regular	13			
	Contract				
	Guest Lecturers				

Data Source: AISHE

4. Student support services

(a) Financial support received (from all sources) by students in the college between October 1 st [previous year] to September 30 th [current year]							
		Undergraduate		Postgraduate		PhD	
		Number	Average Value (Rs.)	Number	Average Value (Rs.)	Number	Average Value (Rs.)
SC	Male						
	Female					1	Rs 3.0 lac /year
ST	Male						
	Female						
General	Male						
	Female						
Total	Male						
	Female					1	Rs 3.0 lac/year

Data Source: AISHE

(a) Financial support received, from the DHE, by students in the college between October 1 st [previous year] to September 30 th [current year]							
		Undergraduate		Postgraduate		PhD	
		Number	Average Value (Rs.)	Number	Average Value (Rs.)	Number	Average Value (Rs.)
SC	Male						
	Female						
ST	Male						
	Female						
General	Male						
	Female						
Total	Male						
	Female						

Data Source: College records, DHE

(b) Hostel occupancy as on 30 th September, [Current Year] (all hostels)		
Capacity Males: Females:	Number of residents	
SC	Male	NA
	Female	NA
ST	Male	NA
	Female	NA
General	Male	NA
	Female	NA
Total	Male	NA
	Female	NA

Data Source: Hostel register verified against fee receipts on record

(c) Hostel occupancy as on 30 th September, [Current Year] (girls only hostels opened after _____)	
Capacity	Number of residents
SC	NA
ST	NA
General	NA
Total	NA

Data Source: Hostel register verified against fee receipts on record

5. Examination Results

(a) Examination results for [previous academic year] (undergraduate)											
		SC		ST		Other Reserved Categories		General		Total	
		M	F	M	F	M	F	M	F	M	F
1st year	Appeared	92	22	53	05	163	43	105	54	437	129
	1 st division	30	06	12	01	55	13	33	23	130	43
	2 nd Division	35	08	14	02	73	17	42	22	164	49
	3 rd Division	07	01	01	01	35	13	30	09	73	24
2nd year	Appeared	87	11	44	03	165	34	134	40	430	88
	1 st division	31	02	12	01	60	16	40	18	143	37
	2 nd Division	28	05	10	01	52	10	45	15	135	31
	3 rd Division	28	00	08	00	19	05	17	07	72	12
3rd year	Appeared	66	10	18	03	122	26	98	49	304	88
	1 st division	30	08	06	00	72	16	63	32	171	56
	2 nd Division	08	01	03	01	14	02	04	06	29	10
	3 rd Division	01	01	01	00	05	03	10	02	17	06

Data Source: AISHE, Examination results declared by [affiliating university/autonomous college]

(a) Examination results for [previous academic year] (postgraduate)											
		SC		ST		Other Reserved Categories		General		Total	
		M	F	M	F	M	F	M	F	M	F
1st year	Appeared	08	01	-	-	08	09	08	15	24	25
	1 st division	02	-	-	-	03	03	03	08	08	11
	2 nd Division	01	01	-	-	02	03	-	05	03	09
	3 rd Division	-	-	-	-	-	01	-	-	-	01
2nd year	Appeared	08	00	05	00	14	06	10	13	37	19
	1 st division	02	00	01	00	05	05	04	07	12	12
	2 nd Division	02	00	01	-	03	01	02	03	08	04
	3 rd Division	00	-	01	-	00	00	00	01	01	01

Data Source: AISHE, Examination results declared by [affiliating university/autonomous college]

6. Placement and student tracking

(a) Placement and Tracking of Students who graduated in [previous academic year] (Undergraduate)						
		Number of students who graduated in [the previous academic year] (*)	Of (*), the number of students who were successfully tracked and are:			
			Employed/ Self-employed	In education/ training	Unemployed	Not in the labour force
SC	Male	71	01	62	08	
	Female	11	01	08	02	
ST	Male	21	00	18	03	
	Female	05	00	03	02	
General	Male	101	01	93	07	
	Female	48	03	40	05	
Total	Male	193	02	173	21	
	Female	64	04	51	09	

Data Source: Records of the college placement cell

(b) Placement and Tracking of Students who graduated in [previous academic year] (Postgraduate)						
		Number of students who graduated in [the previous academic year] (*)	Of (*), the number of students who were successfully tracked and are:			
			Employed/ Self-employed	In education/ training	Unemployed	Not in the labour force
SC	Male	05	03	01	01	
	Female	-	-	-	-	
ST	Male	03	01	01	01	
	Female	-	-	-	-	
General	Male	10	05	01	04	
	Female	14	07	03	04	
Total	Male	18	09	03	02	
	Female	14	07	03	04	

Data Source: Records of the college placement cell

7. PhDs Awarded

Number of PhDs awarded between October 1 st [previous year] to September 30 th [current year]	
Discipline Group	Number
Commerce	-
Science	13
All disciplines	13

Data Source: AISHE

8. Research and consultancy

Revenue generated through externally funded research and consultancies over [previous financial year]		
Discipline Group	Number of active projects	Total Revenue Generated (Rs. lakhs)
Arts	nil	nil
Commerce	nil	nil
All disciplines	nil	nil

Data Source: College/university records

Number of papers published in peer-reviewed journals between October 1 st [previous year] to September 30 th [current year]			
Discipline Group	Number of papers published		Number of published papers through cross-institute research collaboration
	International Journals	National Journals	
Commerce	-	-	-
Science	-	21	-
All disciplines	-	21	-

Date Source: College records based on published papers submitted by faculty

9. NAAC accreditation and UGC autonomy

	Date of Application (LOI & SSR submitted)	Date on which accreditation was received	Grade	Valid till
1st Cycle	August 2006	Oct. 2006	B	2011
2nd Cycle	10-04-2015	25 July 2016	B (2.79)	2021
3rd Cycle				

Date of submission of the Annual Quality Assurance Report for the current year: _____.

Does the college have currently valid UGC autonomy? _____ . If yes, by order number _____, dated _____.

10. Institutional Trends

Variable	Baseline Value	[Year 2012-13]	[Year 2013-14]	[Year 2014-15]	[Year 2015-16]	Current Year 2016-17
Percentage of sanctioned seats in the 1 st year filled (undergraduate, all categories)		95	89	89	90	96
Percentage of sanctioned seats in the 1 st year filled (postgraduate, all categories)		95	100	100	100	100
Transition rate from the 1 st year to the 2 nd year (undergraduate, all categories)		85	86	84	87	84
On-time graduation rate (undergraduate, all categories)		60	60	62	61	59
Transition rate from the 1 st year to the 2 nd year (post graduate, all categories)		74	73	71	70	77
On-time graduation rate (postgraduate, all categories)		63	60	62	63	62
Regular faculty in position rate (all levels, reserved categories)		15	15	15	20	25
Regular faculty in position rate (all levels, unreserved categories)		85	85	85	80	75
Percentage of regular faculty with PhDs (all levels)		89	89	96	96	96
Employment rate of graduates from the previous academic year (undergraduate, all categories)		4	2	3	2	2
Employment rate of graduates from the previous academic year (postgraduate, all categories)		60	55	60	35	50
Percentage of total revenue generated through externally funded research		NIL	NIL	NIL	NIL	NIL
Number of papers published in peer-reviewed, international journals		NIL	NIL	NIL	02	02

Source: Tables under section 1-8.

11. Financial Reports

Name and registration number of the auditor:- **Shri Atul K Sharma (075615)**

Number of audit observations recorded by the auditor:- **(06)**

Number of audit responses found satisfactory, as certified by the project directorate:-
Auditor's certificate enclosed.

Certified audit reports as per the standard Chart of Accounts to be attached.

12. All India Survey of Higher Education

Date on which all applicable fields of the Data Collection Format for the All India Survey of Higher Education were completed and submitted 08-05-2017

Instructions

- All data is to be reported as on 30th September of the current year.
- Postgraduate courses refer to courses at the Masters and MPhil level.
- The number of sanctioned seats is the number of students the college is authorized, by the UGC/DHE/affiliating University, to admit in the first year of its degree programs.
- The number of sanctioned faculty posts is the number of faculty the college is authorized, by the UGC/DHE/affiliating University, to recruit on a full-time basis.
- Enrolment is defined as the number of students who have paid their admission fees for joining a degree program by September 30 of the respective academic year.
- Admission is defined as the number of students who have paid their admission fees for joining a degree program, in the first year, by September 30 of the respective academic year and who have never been enrolled in that degree program previously.
- Other Reserved Categories include all categories of students (for e.g. sports quota, extracurricular quota, residents of Jammu and Kashmir etc.) for whom a fixed percentage of sanctioned seats are reserved.
- Examination results are to be reported for examinations held in the previous academic year, and the results for which were declared by 30th September of the current year.
- Allowed to keep terms refers to students who did not pass all subjects in the previous year but were allowed to transition to the next year of their respective degree programs.
- Regular faculty refers to faculty employed on open-ended, full-time contracts as per UGC norms.
- Contract faculty refers to faculty employed on fixed term, full-time contracts as per UGC norms.
- Guest Lecturers refers to faculty employed on a per lecture or per day basis as per UGC norms.
- Data on scholarships is to be reported on all scholarships awarded between 1st October of the previous year and 30th September of the current year.
- A hostel seat is considered occupied if a student has been allotted a seat in the hostel and the student, to whom the seat was allotted, has paid the hostel fee for the current academic year.
- Examination results refers to the average score obtained by a student, in the respective academic year, across all exams that are used to assess whether the student has met the requirement of the degree program in which he/she is enrolled.
- Student tracking refers to having up to date contact information (mobile phone and/or email address) and status (employment, unemployed, in formal education or training, not in the labour market/other) for each student for up to six from the end of the academic year when the student passed out (graduated).
- Externally funded research and consultancies refer to research and/or development funded through consultancy contracts or partnerships with a sponsor or purchaser who is external to the institution.

- A peer-reviewed journal is one that subjects an author's research to review and evaluation by others who are experts in the same field, before the research is published.
- An international journal is one that has an International Standard Serial Number (ISSN) issued by the ISSN International Centre.
- A paper is said to be published through cross-institute research collaboration if the primary affiliation of at least two authors is to different colleges/institutions.
- The institutional performance indicators common across all institutions can be found in the PIP. Institution-specific performance indicators can be found in the MOU signed between the Institution and the Department of Higher Education.
- The standard Chart of Accounts refers to the standard format for audit reports as notified by the Department of Higher Education through its orders.