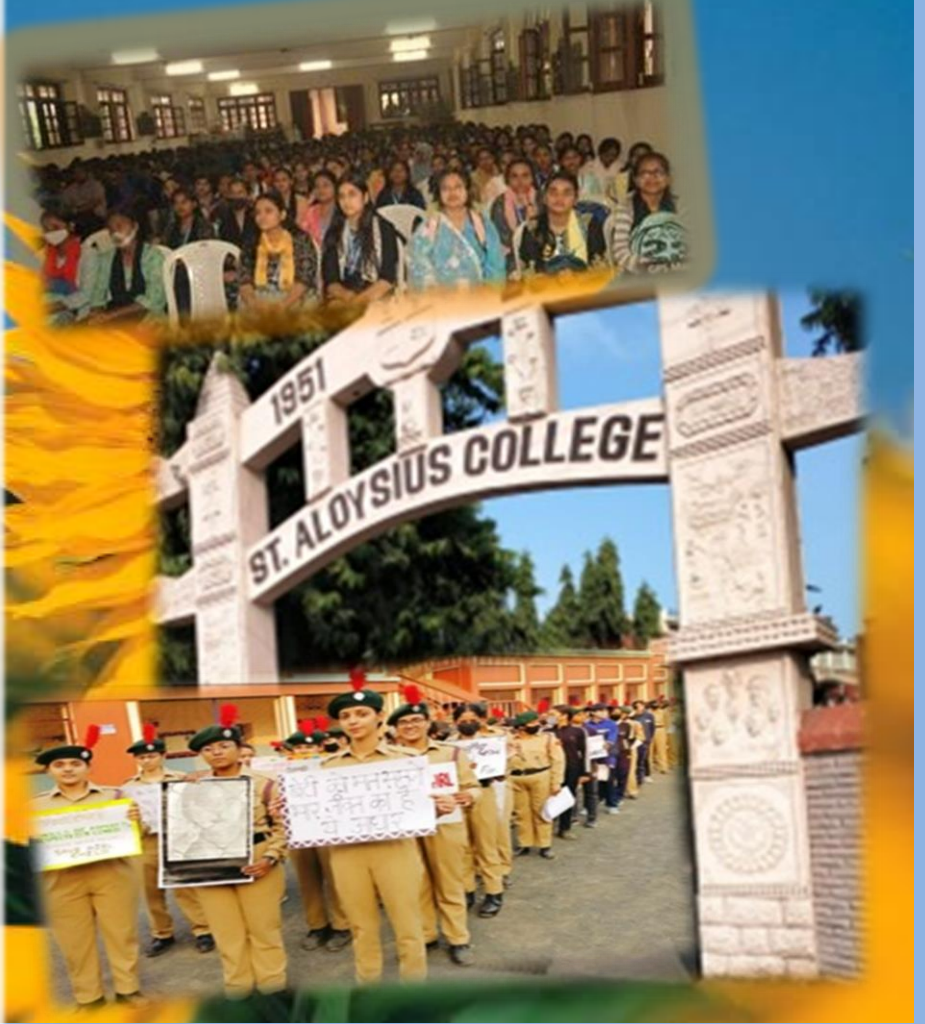


Academic & Administrative Audit

IQAC

2021-2022



**Information is not knowledge.
The only source of Knowledge
is Experience. You need
experience to gain Wisdom.**

-----Albert Einstein-----



ST. ALOYSIUS COLLEGE
Jabalpur

ACADEMIC AND ADMINISTRATIVE AUDIT

1. Dr. Fr. Davis George (Chairman)
Director
St. Aloysius Institute of Technology
Jabalpur
2. Prof. T. R. Naidu
Department of English
Govt. Mankunwar Bai Arts and Commerce College
Jabalpur
3. Dr. Smita Shrivastava
Principal
St. Aloysius Institute of Technology
Jabalpur

2021-22



St. Aloysius Institute of Technology

(Approved by AICTE, New Delhi, Recognised by DTE, Govt. of M.P., Affiliated to R.G.P.V., Bhopal)

Website : www.saitjbp.in

ACADEMIC & ADMINISTRATIVE AUDIT REPORT

ST. Aloysius College (Autonomous), Jabalpur

The Administrative and Academic Audit of St. Aloysius College (Autonomous), Jabalpur was conducted on **15th July 2022**.

The Audit Team comprised of the following external members:

1. Dr. Fr. Davis George (Chairman)
Director
St. Aloysius Institute of Technology
Jabalpur
2. Prof. T. R. Naidu
Department of English
Govt. Mankunwar Bai Arts and Commerce College
Jabalpur
3. Dr. Smita Shrivastava
Principal
St. Aloysius Institute of Technology
Jabalpur

Overall Assessment and Comments

The college submitted self-evaluative reports from each department, which the audit team reviewed before their visit. During the visit, the team met with faculty members to discuss their academic and administrative practices. The audit report shows that the college is on a positive and progressive path, reflecting its commitment to ongoing improvement.

Highlights

St. Aloysius' (Autonomous) College, Jabalpur is devoted to maintaining its heritage of excellence by implementing quality initiatives in the curriculum, pedagogy, learning environment, and assessment of student achievement. "New normal" was initially difficult to accept, but it helped us adjust to our new situation.

The session began online but soon switched to mixed mode. Google meet platforms facilitated efficient teaching-learning online.

The examinations were held offline and academic results were announced promptly. The number of students appeared in undergraduate and post graduate exams are 1634 and 264 respectively.

In this session 8 webinars were organized (national/international), one patent was granted, 02 monographs were published, 03 books were published. One Major Research Project is ongoing and 01 Minor Research Project was granted by the ICSSR. The faculty published 27 International and National research papers, 06 in Scopus Index, 03 in Web of Sciences & 07 in UGC Care List and 39 book chapters. One faculty member received the Junior Research Fellowship, two faculty member completed Harvard Bok Higher Education Teaching Certification, three faculty members completed a Professional Certificate course on Adaptive Design for Learning sponsored by United Board for Christian Higher Education conducted by the School of Education and Learning Design, Alteneo Salt Institute, Philippines.

This academic session the institution has witnessed great laurels and accolades. The students were placed at various winning positions in international, national and state level in sports, and co-curricular activities. Also, the institution is a winner under Top Digital Enablers in the Autonomous College Category in the innovation of learning.

Observations

The team highlighted the college's strengths and issues which are as following, based on the data provided by the departments during visit:

Curriculum and syllabi: All of the institution's first-year programs have been updated to conform to NEP 2020's annual implementation pattern. Every program offers an adequate number of elective courses and also various choices of courses that focus on skills and vocational training. The departments have sufficient organization MoU's signed to augment internship and projects. The curriculum includes a variety of different activities, all of which are designed to enhance employability, entrepreneurialism, and skill development.

Teaching Learning and evaluation: The session started off in an online mode, but soon the

classroom teaching-learning resumed in blended mode. The online teaching was conducted on Google meet platforms that expedited efficient teaching-learning throughout the session. Additionally, the addition of around 4000 e-Lectures recorded and saved in a cloud repository has enriched the educational and grading processes. In response to the decision to lift the lockdown at Covid-19, all exams at the undergraduate and graduate levels were moved offline and promptly all academic results were announced.

Student Support: Since the class began online and then transitioned to a mixed learning environment, the Google Classroom platform (licensed Gsuite) was used to provide the students with notes, electronic content, documents, and a variety of evaluation options. The students experienced asynchronous study due to cloud-based video archives of the lectures. By strengthening the digital communication platform, the admission and pre-post examination student support service was determined to be beneficial. The Value-Added Center's courses have been shown to give students better support in developing their language, writing, problem-solving, and presentation abilities. The institution has helped students who are financially challenged; this year, 773 students received scholarships from the state government and 163 received aid from the Aloysius Student Aid Fund.

Campus eco-friendly:

In order to create a sustainable eco-friendly environment, the college has implemented ecologically friendly education and operations. To promote awareness of environmental issues in the community, a variety of activities including nukkad natak, rallies, teaching environmental studies, training programs, lectures, seminars, workshops, projects/research, competitions for writing speeches, posters, and slogans, etc., were held. These activities included addressing the need for a green and clean campus, a plastic-free zone, the best use of waste, reduce, reuse, and recycle, tobacco-free college premises, and health and hygiene. The science laboratories assert the use of green materials and the 100% electronic governance campus. The college has presented a number of road exhibits to the general public to raise awareness of waste management and zero pollution.

Design & Innovation and Entrepreneurship: The DIC team presented on numerous resources available to improve pre-incubation and incubation as well as on-campus initiatives that produced four prototypes—Rosera Wipes, Tamocum, Seed Enhancer, and Biomembrane—and two novel methodologies, namely hydroponics and Olla Pot irrigation.

The Entrepreneurship Cell and IIC reported on numerous programs to develop youth potential by

educating them on various elements of industrial/business activity essential for the establishment of MSEs.

Gender sensitization programmes: For the purpose of educating students about gender equity and equality, the Women's cell and other departments reported a variety of activities and programs. Health awareness programs on "Health & Hygiene," workshops on "making hand sanitizer," essay competitions on "No Gender Only Human," awareness campaigns on "Crime & violence against women," and many other initiatives were carried out.

Institutional Social responsibilities: According to the ISR team, the institution has adopted five villages: Saliwada, Neemkheda, Pipariya Kalan, Khampariya, and Pipariya Khurd. In these villages, a variety of events have been held, including feeding the hungry, promoting sanitary habits and hygiene, providing community services like Swachhata, celebrating religious unity, and more.

Concerns

- Departments should collaborate more with reputable industries and universities.
- To maintain its growth and development, more major research projects should be secured.
- Offering corporate consulting services




Suggestions

- To apply for fellowships and funded research projects
- Applying for patents
- Memoranda of Understanding with international universities.
- SCOPUS and Web of Science publications

Acknowledgement

The Team conveyed gratitude to the Principal, Dr. Fr. Vazhan Arasu, and appreciation for his commitment and the hard work of the entire faculty. The team also appreciated every one of the faculty for sharing information about the initiatives and various activities organized of their respective departments as well as Dr. Siby Samuel, the IQAC coordinator, for efficiently coordinating the entire process.


Signature of Audit Team Members:

External Auditors	Signature
Dr. Fr. Davis George (Chairman) Director St. Aloysius Institute of Technology Jabalpur	
Prof. T. R. Naidu Department of English Govt. Mankunwar Bai Arts and Commerce College Jabalpur	
Dr. Smita Shrivastava Principal St. Aloysius Institute of Technology Jabalpur	

Date of Audit

15th July 2022

St. Aloysius Institute of Technology
Near Ekat Market, Gour Bridge
Gouraiya Ghat, Mandla Road
Jabalpur-482021 (M.P.)


PRINCIPAL
St. Aloysius College (Autonomous)
JABALPUR- 482001 (M.P.)
INDIA



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2021-22

ACADEMIC AUDIT

1. Name of the Department: Zoology

2. Year of establishment: 1998

3. Curricular Aspects:

a. Does the department offer program with sufficient no. of elective options:

Program	Semester / year	Electives	
BSc Zoology	BSc First Year	Core Zoology Major-Animal Diversity- Non Chordata Core Zoology Minor –Cell biology, reproductive biology and developmental biology	Zoology Generic Elective - Cell biology, reproductive biology and developmental biology
MSC Zoology	M.Sc I	Core Electives	Open Electives
		Biosystematics, Taxonomy and Evolution	1. Wild Life Conservation 2. Entomology
		Structure and function of Invertebrates	
		Quantitative biology, Biodiversity and Wild life	
		Biomolecules and structural Biology	
	M.Sc II	General and comparative Animal Physiology and Endocrinology	1. Environment and Biodiversity Conservation 2. Applied Entomology
		Population Ecology and Environmental Physiology	
		Tools and Techniques in Biology	
		Molecular Cell Biology and Genetics	
	M.Sc III	Comparative Anatomy of Vertebrates	1. Sericulture 2. Animal Biotechnology
		Limnology	
		Ecotoxicology	
	M.Sc IV	Aquaculture	1. Pure and Applied Fisheries 2. Molecular Endocrinology and Vertebrate Immune System
		Animal Behavior and Neurophysiology	
		Gamete Biology, Development and Differentiation	



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b. Course having focus on employability / entrepreneurship / skill development

Program	Year /sem	Course	Activity
B.Sc	First Year	Vocational Course (Vermicomposting)	Hands on Training
		Major Zoology paper I & II	Internship
	Third Year	Ecology and Applied Zoology	Educational Visit
M.Sc	I Sem	Wildlife Conservation	Educational Visit to National Park
	I Sem	Entomology	Visit to Entomology Department TFRI Jabalpur
	II Sem	Tools and Techniques in Biology	Institutional visit
	III Sem	Aquaculture	Aquarium Maintenance

c. While framing curriculum, is feed-back taken from stakeholders viz. Students, Alumni, Parents, Employers; brief the analytical report.

The feedbacks have been taken from Stakeholder and added advanced practical's under DBT STAR. Suggestions taken from different stakeholders are discussed in the departmental meeting as well as in Board of Studies meeting to modify the PG programme syllabi.

d. Number of teachers preparing & following Academic Teaching plan:05

e. Do you offer Bridge/Remedial courses? If yes, Give details. Yes

Bridge courses

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
BSc	First Year	Zoology	Cell Theory	Dr. Priyanka Sinha	40
			Plasma membrane	Dr. Priyanka Sinha	43
			Golgi Body	Dr. Daya Shankar Gautam	35
			Classification of Animal kingdom on the basis of non-coelomate and coelomate	Dr. Runa Paul	16
			Classification of Phylum Helminth up to class	Dr. Runa Paul	13



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Remedial Course

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
B.Sc II Year/ Paper I	Macro, Micro and Mega evolution	Zoology	Dr. Manju Dixit	15
	Urinogenital system of birds and Reptiles		Dr. Manju Dixit	19
	Placentation in Mammals		Dr. Manju Dixit	21
	Heart and Aortic arches of fish and Amphibians		Dr. Manju Dixit	15
B.Sc II Year/ Paper II	Pituitary Gland	Zoology	Dr. Daya Shankar Gautam	26
	Cell mediated immunity		Dr. Daya Shankar Gautam	24
	Glycolysis		Dr. Megha Tiwari	27
	Beta oxidation		Dr. Megha Tiwari	26
B.Sc III Year/ Paper I	Mendel's Law	Zoology	Dr. Runa Paul	29
	DNA structure		Dr. Runa Paul	28
	PCR		Dr. Daya Shankar Gautam	31
	Mutation		Dr. Daya Shankar Gautam	21
B.Sc III Year/ Paper II	Characteristics of community	Zoology	Dr. Priyanka Sinha	14
	Population growth		Dr. Priyanka Sinha	16
	Thermal Stratification of lakes		Dr. Megha Tiwari	12
	Prawn Culture, Lac culture		Dr. Megha Tiwari	17
B.Sc I year paper II/minor/elect ive	Fate map of frog	Zoology	Dr. Priyanka Sinha	49
	Fate map of chick		Dr. Priyanka Sinha	46
	IVF		Dr. Priyanka Sinha	38
	Plasma membrane		Dr. Priyanka Sinha	34
	Cell organelles		Dr. Priyanka Sinha	26
	Placentation		Dr. Priyanka Sinha	42
	Practical revision-cytology, embrology, reproductive biology		Dr. Priyanka Sinha	15
B.Sc I Year Major Paper I Animal Diversity: Nonchordata	Phylum Porifera & Coelenterata Characteristics, Classification upto class with example		Dr. Runa Paul	12



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	Appendages of Prawn (Structure & Function)	Zoology	Dr. Runa Paul	14
	Nervous System of Pila & Prawn		Dr. Runa Paul	16
	Life Cycle of Plasmodium vivax		Dr. Runa Paul	17
	Practical Topics - Mitosis, Meiosis, Cell Cycle, Cell Viability, T.S. of Testis and Ovary of Mammal		Dr. Runa Paul	14
	Practical Topics - Nervous, Reproductive & Digestive System of Earthworm		Dr. Runa Paul	14

f. What is the method for conducting internal evaluation?

Methods of internal evaluation - CCE, Quarterly, Half yearly, Seminar and Project Assignment, field project, Model making.

- Internal Evaluation (Quarterly + Half Yearly) for B.Sc Students – Written test, Model making, Assignment and Seminar.
- Internal evaluation of M.Sc Students – Written CCE, Seminar, & field Projects were conducted.

g. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.: Special Lectures:

Title of Programme (Guest Lecture /Seminar/Workshop)	Expert Person	Date	Number of Participants
Virtual Guest lecture Sponsored by DBT Star Scheme was organised on the Topic – “Next genome sequencing”	by Dr. A. P. Singh Professor & Director, Animal Biotechnology Centre, Nanaji Deshmukh Veterinary Science University Jabalpur	25 th September 2021,	No. of Beneficiaries - 45 Students of UG.
Guest Lecture Sponsored by DBT Star Scheme on the Topic -An interdisciplinary approach in neuro engineering for recovery of demyelinating diseases Speaker -	Dr. Hemanga Kumar Das, Parul University, Vadodara	8 th November 2021,	No. of Beneficiaries- 65
One day seminar was organized on the topic- “Vermicomposting as an eco tool in sustainable solid waste management and one step towards entrepreneur”.	Speaker - Mr. A Dhananjay Founder Tridev Organic Solution.	1 st February 2022,	No. of Beneficiaries – 60 UG Students



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h. Teaching and learning reforms: – E Content for MP Higher Education & virtual lectures were also prepared.

i Internal Assessment reforms: Social Relevant projects given to UG &PG students. Model making, Assignment and Seminar.

4. Number of teaching posts sanctioned, filled and vacant:

Number of Teachers	Sanctioned	Filled
05	05	05

5. Participation of the department in the curriculum development for courses offered by the Universities or any Autonomous colleges (BoS Member).

Name of the teachers	Participation in Curriculum Development in University / College
Dr. Priyanka Sinha	Member of BOS Zoology RDVV

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
BSc /MSc	1. Ideal Fertility Centre Jabalpur 2. Zoological Survey of India Jabalpur	Internship

7. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify:

Programme	Examination System
B.Sc I Year	Annual ((Choice Based Credit System)NEP (2020)
B.Sc II Year	Annual
B.Sc III Year	Annual
M.Sc	Semester (Choice Based Credit System)
Certificate Course	Credit and Grading system

8. Information about research grants, projects completed and ongoing from National funding agencies (like UGC, DST)

S. No	Name of the Principal Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
1.					



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9. Research Publications

Name of Teacher	Papers published in peer reviewed journals
Dr. Priyanka Sinha	1. Effect of frozen storage -20, on total protein content of the sea lobster panulirus Homarus. International journal of creative research thoughts UGC CARE List
Dr. Manju Dixit	2. Paper Published in Peer reviewed ,Refereed Journal Topic – AN ONLINE SURVEY BASED ON THE EFFECTIVENESS OF THE COVID-19 VACCINE published in IJCRT Volume 9 issue 8 date of publication August 2021
Dr. Megha Tiwari	3. Factors of overweight and obesity in adolescence of age group 11 to 19 years; A cross sectional study of Jabalpur city Madhya Pradesh.

10. Number of publications

Papers published in peer reviewed journals	SCOPUS, Web of Science Indexing Papers	Citations	h-index	Impact factor range/Average Impact factor
Dr. Dayashankar Gautam	<p>1. Title - Need of scientific studies to explore the valuable potential of indigenous plants of Ethiopia. Daya Shankar Gautam. MOJ Biol Med. 2021;6(5):176. DOI: 10.15406/mojbm.2021.06.00153</p> <p>2. Title: - Go Ark; an ameliorative bio-product (in vitro) on Phenyl induced cytotoxicity. Daya Shankar Gautam, Saraswati Mishra, Prahlad Marskole, Nisha Tiwari, Anjali Kumari, Sakshi Dwivedi, Kahkashan Naz. <i>International Journal of Ayurvedic Medicine</i>, (2021) 12(4), 878-882. https://doi.org/10.47552/ijam.v12i4.2256 ISSN 0976-5921. The journal is listed in UGC CARE (Web of Science). Cite Factor – 1.56 (Published on 31-12-2021)</p> <p>3. Title: Cytotoxic Effect of Cyper</p>			JCI (0.04) – Web of Science Scopus (SJR – 0.2)s



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	<p>methrin and Neem Extract on Human Lymphocytes. Khanna A, Patel J, Tiwari B, Pagare S, Gautam D. S.*, Ratoniya V. Biomed Pharmacol J 2022;15(1).The journal is listed in UGC CARE Scopus (SJR 2020 - 0.191, Cite score 2020- 1.2) Available from: https://bit.ly/3LymFP0</p>			
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11. Chapter in Books

Author Name	Name of Book
Dr. Priyanka Sinha	Wild life distraction: Origin of pandemic diseases Global Pnademic :Responces and solutions Shree Vinayak publication Agra ISBN:978-93-91267-070 Page no 181-185. Effect of lockdown due to covid 19 on health status on college students of Madhya Pradesh(Chapter 9)Name of the Book Role of e resources and mind mastering strategies in education Shree Vinayak publication Agra ISBN:978-93-91267-24-7
Dr. Runa Paul	Global Pandemic Responses and Solutions-ISBN : 978-93-91267-07-0, Title - Phytochemical Analysis and Antibacterial Activity of Annona squamosa twigs extract against Aeromonas hydrophila Pg No.196-201 (Shree Vinayak Publishing Unit, Agra). Role of e-Resources and Mind Mastering Strategies in ISBN : 978-93-91267-24-7, Title – Effect of lockdown due to COVID-19 on mental health status on college students of Madhya Pradesh (Shree Vinayak Publishing Unit, Agra)
Dr. Dayashankar Gautam	Comparative study of in vitro cytotoxicity of Phenyl, Gonyl & Some branded disinfectants on Human peripheral blood lymphocytes using MTT assay. Daya Shankar Gautam, Kahkashan Naz, Saraswati Mishra, PrahladMarskole, Nisha Tiwari, Anjali Kumari, Sakshi Dwivedi, Rita Bhandari. Details of Book: Title: - “Global Pandemic: Responses and solution” Publisher - Shree Vinayak Publication (Educational Book Publisher), 229 Shasthipuram, Sikandra, Agra 282007 (U. P.). First Edition-2021, Published on 30 th October 2021, ISBN: 978-93-91267-07-0

12. Edited Books

Author Name	Book Titled
NIL	NIL



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13. Self-Authored Book

Author Name	Book Titled
NIL	NIL

14. Details of patents filed & granted and revenue income generated.

Name of the Teacher	Date of Applied/Sanctioned	Topic	Revenue generated
NIL	NIL	NIL	NIL

15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated
	NIL	NIL	NIL

16. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

S. No	Name of the teacher	Programme
1	Dr. Priyanka Sinha	Faculty development program on Biopharmaceutical and Probiotics 8-14 th November 2021
2	Dr. Runa Paul	Faculty development program on Biopharmaceutical and Probiotics . 8-14 th November 2021
3	Dr. Dayashankar Gautam	Faculty development program on Biopharmaceutical and Probiotics 8-14 th November 2021

17. Number of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

Activity (please mention the number only)	National	International
Refresher	1	
Orientation		
Seminar/Conference	1	2
Workshop/FDP/Training Programme	16	06
Paper presentation	1	1



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18. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (other than BoS)

S. No.	Name of the Faculty	Members of committees

19. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels.

Name of Faculty	Recognition received	Professional bodies and agencies National and International
Dr. Dayashankar Gautam	1. Received a certificate in recognition for the outstanding contribution as the "Reviewer of the month" for Biomedical & Pharmacology Journal, an international, open access, peer-reviewed research journal on 24th February 2022. (Biomedical & Pharmacology Journal is a Scopus indexed & UGC care approved Journal, ISSN: 0974-6242 e-ISSN: 2456-2610)	International

20. Awards / Prizes and recognitions received by teachers at university, state, national and international level:

Name of Faculty	Awards/Recognition received	Recognition Bodies
Dr. Runa Paul	Participated and won "Catch of the Day Competition" and got Certificate of star performer in National workshop cum FDP on "NAAC revised guidelines: A paradigm shift in quality initiatives organized by IQAC Career College Bhopal from 26 th July to 1 st August 2021"	National workshop cum FDP on " NAAC revised guidelines: A paradigm shift in quality initiatives organized by IQAC Career College Bhopal from 26 th July to 1 st August 2021"
Dr. Dayashankar Gautam	1. Best Resource person Award (record of OUTSTANDING accomplishments) in 2nd International Student-Faculty Exchange Programme (Confluence 2.0v 18th September to 1st October, 2021) in Biosciences discipline on the topic "Role of Artificial Intelligence in curing diseases." which took place on 28th September 2021. 2. Best Research Paper Award (Session 2020-2021): Awarded with the "Best research Paper Award (Session 2020-2021)" by St. Aloysius' College (Autonomous)	2nd International Student-Faculty Exchange Programme (Confluence 2.0v 18th September to 1st October, 2021) in Biosciences discipline on the topic "Role of Artificial Intelligence in curing diseases." which took place on 28th September 2021.



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	Jabalpur (M.P.) for the research paper titled "In vitro analysis of the effect of Go Ark on Human Peripheral Blood Lymphocytes" published in the Journal International Journal of Ayurvedic Medicine. Vol 11 No 3 (2020) pp 410-414: July - September 2020. ISSN 0976-5921. The journal is listed in UGC CARE (Web of Science). Cite Factor – 1.56	
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21. Awards and Prizes received by students at university, state, national and international level:

Curricular activities:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies
1	Girish Pathak	Quiz Recognition received within 15	IITM Pune

Co-curricular:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies
1.	Amita Saxena	Second Prize	Bagh Sakha T shirt chitra kala completion MP Foundation
2.	Girish Pathak	Second prize Essay writing Competition	National Foundation for Communal Harmony (an Autonomous organization under ministry of home affairs Govt of India)

22. Details of Seminars/ Conferences/Workshops/FDP organized at state, national and international level and the source of funding with details:

S.No	Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	State/National/ International	Dates
	Online Faculty Development Program (National Level) was organized on the topic - "Biopharmaceuticals Technology & Probiotics" from 8 th -14 th November 2021.	DBT Star Sponsored.	64	National	8-14 November 2021

23. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D.Lit: 02

24. Subject-wise Results



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UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Major Zoology Paper I	24	15	09	00	63%
2	Major Zoology Paper II	24	17	07	00	71%
3	Minor Zoology	08	06	01	01	75%
4	Elective Zoology	42	42	00	00	100%
TOTAL----->		98	80	17	01	

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	CBZ	43	37	02	04	86%
2	BTZ	50	48	02	00	96%
TOTAL----->		93	85	04	04	

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	CBZ	59	48	02	09	81.4%
2	BTZ	54	51	00	03	94.44%
TOTAL----->		113	99	02	12	

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Zoology	25	21	02	02	84%

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Zoology	23	18	4	01	78%



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PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Zoology	24	23	01	00	95%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Zoology	24	21	03	00	87.5%

25. Strategic Plan and its implementation (2021-22):

(ODD SEM FOR PG)

Dates	Activities
20 th Aug 2021	Online Celebration of World Mosquito Day 2021
01 st Sep -15 th Sep 2021	Bridge Classes for B. Sc. I Year (CBZ & BTZ Group)
05 th Sep 2021	Online survey by P.G students on the taxonomy and biodiversity of the species of Jabalpur.
11 th Sep 2021	Online Guest lecture
13 th Sep 2021	Commencement of 01 month Online "Certificate course on Microtomy"
26 th Sept 2021	PG Seminar
01 st to 07 th Oct 2021	Wild Life Week Celebration
13 th Oct 2021	Completion of Online 01 month "Certificate course on Microtomy"
08 th Nov to 14 th Nov 21	Online Seven days Faculty Development Program on "Biopharmaceutical Technology and Probiotics." Sponsored by DBT Star College Scheme.
01 st Dec 2021	Online Celebration of World AIDS Day
11 th Dec 2021	Online Health Awareness Program
15 th Jan 2022	Local Survey of Birds /Fish under AZS Activity.
17 th Jan 2022	One month online certificate course on "Innovative Zoological Practices" for UG & P.G Students
20 th Jan 2022	Commencement of Internship Project on Vermicomposting for M.Sc IV Sem students.
17 th Feb 2022	Completion of One month Certificate course on "Innovative Zoological Practices"
20 th Feb 2022	Online Guest lecture by alumnus
28 th Feb 2022	Online celebration of National science day
02 nd Mar 2022	Release of Newsletter- "Zoo hunt"
12 th Mar 2022	Guest lecture on Vermicomposting and vermiculture
20 th Apr 2022	Completion of Internship Project on Vermicomposting



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26. SWOC Analysis:

Strengths:

- Faculty members are actively involved in research activities, project work, presentation of papers in National, International conferences.
- Well-equipped Laboratory.
- Remedial coaching given to weaker students
- Good Interaction between faculty and students.
- Guest lectures are arranged.
- Quality contribution in college administrative work

Weakness:

- Research papers in scopus should be increased
- No Special programme
- Research project

Opportunities:

- Good opportunities for zoology students of placement in lectureship, research, forest department, competitive exams, animal care taker branch, Forensic Medicine, Pest control, animal suppliers etc
- They can start small scale industries such as Poultry , Sericulture , Apiculture Fisheries, Pearl culture, Aquaculture, Pisciculture

Challenges:

- Motivate the student for Research activity
- Creating awareness about Digital learning
- To cultivate research aptitude among students is yet another challenge.
- To train the academically weaker students to perform well in academics and help them to pursue higher education

27. Future Plan:

1. Short Term Plans (within 12 months)

1. Commencement of 01 month "Certificate course on Microtomy"
2. Visit to ICMR Institute
3. Visit to Local Fish Farm to Aware Fish Farmer about Composite fish culture
4. Health Awareness Program for girls in school
5. 15 days certificate course on "Innovative Zoological Practices" for UG students



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2. Mid Term Plans (1-3 years)

1. Workshop on Sericulture
2. Training Program on Museum keeping
3. Educational tour for UG & PG Students
4. Proposal for Zoology Research Centre
5. Training Program for Faculty of Life sciences

3. Long Term Plans (5 years and above)

1. Some More Publications on Scopus and Web of science Index Journals (Faculty member and Students)
2. Registration of Faculty members in RDVV as PhD Supervisor
3. More certificate courses will be introduce
4. Proposal for National Conference /Seminar
5. Major Project proposals to various funding Agencies



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio:

No. of Teacher	No. of Students	Student Teacher Ratio
05	329	1:20

2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
Assistant Professor	05	05

3. Faculty profile with name, qualification, designation, experience, nature of Appointment (confirmed/ probation/temporary):

Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
Dr. Priyanka Sinha	Head & Assistant Professor	M.Sc, Ph.D	09 Years	Confirmed
Dr. Runa Paul	Assistant Professor	M.Sc, Ph.D	13 years	Confirmed
Dr. Daya Shankar Gautam	Assistant Professor	M.Sc, Ph.D	10 years	Confirmed
Dr. Manju Dixit	Assistant Professor	M.Sc, Ph.D	08 years	Confirmed
Dr Megha Tiwari	Assistant Professor	M.Sc, Ph.D	-	Confirmed

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
04	01		

5. Number of academic support staff (technical) and administrative staffs sanctioned, Filled and Vacant:

Post	Sanctioned	Filled	Actual
01	01	01	01



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6. Student profile programme-wise at UG and PG:

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
PG	28	25	25	02	23	25
UG	30(Zoology)	24	70	02	22	24

7. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc I Sem	25	00	00	Nil
M.Sc III Sem	23	01	01	Nil
BSc I Year (CBZ Group)	32	54	01	Nil

8. Student progression/placement record (UG/PG passed out students)

Programme	%proceeded for higher studies	% of students placed
B.Sc III Year (CBZGroup)	80%	-
M.Sc IV Sem	40%	-

9. Present details of departmental infrastructural & other facilities with regard to

- Central Library Books and Journals, etc., relevant to Department-**2990 Books and 05 Journals
- Online (books, journals etc.) Subscribed-** Inlibnet, Delnet
- Computers and Internet facilities for staff** –Desktop-2, Laptop-2, e-Podium-1, Internet Facilities- 24hrs, DLPs (Digital Light Projectors) - 01
- Total number of classrooms-** 4
- Classrooms with ICT facility** - All The Classrooms Are With ICT Facility
- Students' laboratory-** 1
- Research laboratories-** 1
- Any other facility-**
 - Advanced Lab Equipment Facilities
 - Trinocular Research Microscope with micro photographic attachment with Scope Image Software
 - Phase Contrast Microscope
 - Micro plate ELISA plate Reader
 - Rotary Vacuum Evaporator
 - Deep Freezer -20



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7. Gradient PCR Thermo cycler
8. Cooling Centrifuge
9. BOD Incubator
10. Colorimeter
11. Visual Spectrophotometer
12. Kymograph
13. Microtome
14. Automatic razor sharpener
15. Incubator
16. Digital pH meter (Systronics)
17. Ecotestor & Conductivity meter
18. Camera Lucida (Mirror type and Prism type)
19. Turbidity meter
20. Conductivity meter
21. Distillation Apparatus
22. Vortex Mixer
23. Refractometer
24. Water Bath
25. Biochemical Analyser
26. Homogenizer
27. Bacteriological Colony Counter

10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
1,80,0000	00000	63877/-	63877/-

Items Procured- NIL 2021-22



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Declaration by the Head of the Department

The above information provided by the department is correct to the best of my knowledge.

HEAD
Department of Zoology
St. Aloysius Autonomous College
JABALPUR (M. P.)

Signature

Date: 8/09/2022

Name: Dr. Priyanka Sinha



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ACADEMIC AUDIT

1. **Name of the Department:** Hindi

2. **Year of establishment:** 1951

3. **Curricular Aspects:**

a. **Does the department offer program with sufficient no. of elective options:**

Program	Semester / year	Electives
B.A.	I,II,III Year	Hindi Literature
		Functional Hindi

b. **Course having focus on employability / entrepreneurship / skill development**

Program	Year /sem	Course	Activity
B.A.	I,II,III Year	Functional Hindi (employability / entrepreneurship)	<ul style="list-style-type: none">➤ Reporting➤ Advertisements➤ Translation➤ Official Letters➤ Entrepreneurship➤ Interpreter➤ Short Hand Writing➤ Feature Writing➤ Tele Drama
All UG	I,II,III Year	Certificate Course on Karyalaya evam Jansanchar Karyavidhi (employability)	<ul style="list-style-type: none">➤ Drafting➤ Noting➤ News Writing➤ Proof Reading➤ News Reading➤ Advertisement➤ Photography
All UG	I,II,III Year	Workshop on Computer work in Hindi	<ul style="list-style-type: none">➤ Computer Knowledge in Hindi



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- c. While framing curriculum, is feed-back taken from stakeholders viz. Students, Alumni, Parents, Employers; brief the analytical report. Yes
- d. Number of teachers preparing & following Academic Teaching plan: 04
- e. Do you offer Bridge/Remedial courses? If yes, Give details.

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
B.A. I, B.Sc, B.Com				125
B.Com I, App Eco, Hons	FC- I	Bhasha aur Sanskruti	Dr. Ramendra Prasad Ojha	220
B.Com I, Tax, Comp.				202
B.A. I	Hindi Literature- I	Hindi Kavya	Dr. Reena Thomas	07
B.A. I	Hindi Literature- II	Karyalayeen Hindi Evam Bhasha Computing	Dr. Ramendra Prasad Ojha	20
B.A. I	Functional Hindi	Prayojanmulak Hindi : Karlayee Prayog	Dr. Carolin Saini	04

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
All UG (Non Hindi Speaking Students)	2021	F.C. I	Hindi Language	Dr. Reena Thomas	09

- f. What is the method for conducting internal evaluation?

Class Test, PPT Presentation, Assignments



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- g. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.: **Special Lectures:**

Title of Programme (Guest Lecture /Seminar/Workshop)	Expert Person	Date	Number of Participants
Guest Lecture	Mr. Shailendra Rai	29.12.21	40
Guest Lecture	Mr. Avinash Gupta	10.03.22	25
Workshop	Ms. Kumkum Goutam	02.03.22 – 08.03.22	26

- h. **Teaching and learning reforms:** Nil

- i. **Internal Assessment reforms:**

4. **Number of teaching posts sanctioned, filled and vacant:**

Number of Teachers	Sanctioned	Filled
04	04	04

5. **Participation of the department in the curriculum development for courses offered by the Universities or any Autonomous colleges (BoS Member).**

Name of the teachers	Participation in Curriculum Development in University / College
Dr. Ramendra Prasad Ojha	Member, BOS Hindi, RDVV, Jabalpur

6. **Courses conducted in collaboration with Industries and Institutions:**

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
B.A. I	Maa Ambey Computer Classes, Tripuri Times	internship
B.A. II	Tripuri Times	project
B.A. All	Maa Ambey Computer Classes	Guest Lecture
B.A. All	Maa Ambey Computer Classes	Workshop

7. **Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify:**

Programme	Examination System
B.A.	Annual



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8. Information about research grants, projects completed and ongoing from National funding agencies (like UGC, DST) - Nil

S. No	Name of the Principle Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any

9. Research Publications

Name of Teacher	Papers published in peer reviewed journals
Dr. Reena Thomas	Nari Shiksha ke Sandarbh me Swami Vivekanand ke Vicharo ka Vishleshan, Print Area, ISSN:2394 5303

10. Number of publications

Papers published in peer reviewed journals	SCOPUS, Web of Science Indexing Papers	Citations	h-index	Impact factor range/Average Impact factor
04	-			

11. Chapter in Books

Author Name	Name of Book
Dr. Ramendra Prasad Ojha	1. Indra Bahadur Khare ki Rachnao me Mulyabodh, Sandarbh Prakashan, Pvt. Ltd., Bhopal ISBN : 978-93-89399-64-6
Dr. Carolin Saini	
Dr. Reena Thomas	2. Ramcharit Manas me Naari, Nalanda Prakashan Pvt. Ltd., Bhopal, ISBN : 978-93-91018-23-8
Dr. Abhilasha Shukla	3. Indra Bahadur Khare ki Rachnao me Mulyabodh, Sandarbh Prakashan, Pvt. Ltd., Bhopal ISBN : 978-93-89399-64-6

12. Edited Books

Author Name	Book Titled
Dr. Ramendra Prasad Ojha (Editor)	Indra Bahadur Khare ki Rachnao me Mulyabodh, Sandarbh Prakashan, Pvt. Ltd., Bhopal ISBN : 978-93-89399-64-6
Dr. Carolin Saini (Co-Editor)	
Dr. Reena Thomas (Co-Editor)	
Dr. Abhilasha Shukla (Co-Editor)	



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13. Self-Authored Book - Nil

Author Name	Book Titled

14. Details of patents filed & granted and revenue income generated. Nil

Name of the Teacher	Date of Applied/Sanctioned	Topic	Revenue generated

15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated
1.	Dr. Ramendra Prasad Ojha	Under the Paramarsh	5000/-

16. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

S. No	Name of the teacher	Programme
1.	Dr. Ramendra Prasad Ojha	Resource persons for Refresher courses, Harisingh Gour University, Sagar, M.P.
2.	Dr. Carolin Saini	Guest lecture for Ravidas Jayanti, Harisingh Gour University, Sagar, M.P.
		Guest lecture in Workshop, GCF Factory, Jabalpur, M.P., 30.03.2022

17. Number of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

Activity (please mention the number only)	National	International
Refresher	01	-
Orientation	-	-
Seminar/Conference	03 Seminar	-
Workshop/FDP/Training Programme	02 – Workshop 04 – FDP 03- FEP 01- Short term Course	-
Paper presentation	03	-



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18. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (other than BoS)

S.No.	Name of the Faculty	Members of committees
1	Dr. Ramendra Prasad Ojha	Membre of BOS in Department of Hindi, RDVV, Jabalpur, M.P.

19. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels.

Name of Faculty	Recognition received	Professional bodies and agencies National and International
Dr. Carolin Saini	Christian Writers Forum, Jabalpur, M.P.	National

20. Awards / Prizes and recognitions received by teachers at university, state, national and international level:

Name of Faculty	Awards/Recognition received	Recognition Bodies
Dr. Carolin Saini	Swami Vivekanand Shiksha Bhushan Samman – 2022 (National level)	Srijan Vangmay Parishad, Bhopal, M.P.
Dr. Abhilasha Shukla	Avishkar Achievers Award 2022 (National, Best Ideal Teacher Award), 22/06/2022	Avishkar Foundation, Solapur

21. Awards and Prizes received by students at university, state, national and international level:

Curricular activities: Nil

S.No	Name of Student	Awards/Recognition received	Recognition Bodies

Co-curricular: Nil

S.No	Name of Student	Awards/Recognition received	Recognition Bodies



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22. Details of Seminars/ Conferences/Workshops/FDP organized at state, national and international level and the source of funding with details:

S.No	Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	State/National/ International	Dates
1.	National Seminar on "Bhartiyata ke Sajag Prahari Seth Govind Das"	Self	76	National	28-29 June 2022

23. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D. Lit- Nil

24. Subject-wise Results

UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Hindi Literature	31	26	-	05	83.87
2	Functional Hindi	06	04	-	02	66.66
TOTAL----->						

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Hindi Literature	17	17	-	-	100
2	Functional Hindi	05	04	-	-	80
TOTAL----->						

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Hindi Literature	21	21	-	-	100
2	Functional Hindi	10	10	-	-	100
TOTAL----->						



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PG First semester -

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT

PG Second semester - NA

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT

PG Third semester - NA

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT

PG Fourth semester - NA

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT

25. Strategic Plan and its implementation (2021-22):

Strategic Plan

विभागीय कैलेंडर सत्र हिन्दी विभाग

क्र.	महिना	गतिविधियाँ
१	अगस्त प्रथम सप्ताह	ब्रिज कक्षाएँ
२	सितम्बर ७-१३	हिन्दी सप्ताह कक्षावार निबंध कहानी सृजनात्मक लेखन काव्य पाठ प्रतियोगिताएँ



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३	१६-२१ अगस्त	'कौशल विकास पाठ्यक्रम'
४	२४ सितंबर	हिंदी दिवस
५	२४ सितंबर	अतिथि व्याख्यान - 'आशुलिपि' पर
६	२२ नवंबर-३१ दिसंबर	प्रमाण-पत्र पाठ्यक्रम - 'कार्यालय एवं जनसंचार कार्यविधि'
७	१०-१५ जनवरी	अहिंदीभाषी विद्यार्थियों हेतु रेमेडियल कक्षाएँ
८	१० जनवरी	अंतरराष्ट्रीय हिंदी दिवस
९	३१ जनवरी	प्रतिभा पत्रिका का प्रकाशन
१०	१९ फरवरी	संत रविदास जयंती
११	१०-११ फरवरी	शोध संगोष्ठी का आयोजन

Implementation

गतिविधि 2021 - 2022

ब्रिज कक्षाएँ - अगस्त प्रथम सप्ताह में प्रथम वर्ष के विद्यार्थियों की हिंदी भाषा, हिंदी साहित्य एवं प्रयोजनमूलक हिंदी के अंतर्गत ब्रिज कक्षाएँ ली गईं।

हिंदी सप्ताह - हिंदी साहित्य सभा द्वारा दिनांक 7 सितंबर 2021 से 13 सितंबर 2021 तक हिंदी सप्ताह का आयोजन किया गया। जिसके अंतर्गत विभिन्न प्रतियोगिताएं आयोजित की गईं - निबंध प्रतियोगिता, स्लोगन प्रतियोगिता, काव्य पाठ प्रतियोगिता, भाषण प्रतियोगिता, लघु कथा प्रतियोगिता। 14 सितंबर 2021 को विभाग द्वारा हिंदी दिवस का आयोजन किया गया जिसके अंतर्गत विद्यार्थियों ने हिंदी की विभिन्न श्रेष्ठ रचना की प्रस्तुति दी।

भाषण प्रतियोगिता - दिनांक 26 नवंबर 2021 को "साइबर अपराध: सूचना युग में अपराध का परिवर्तन" विषय पर भाषण प्रतियोगिता आयोजित की गई। जिसमें 9 विद्यार्थियों ने प्रतिभागी की।

प्रमाणपत्र पाठ्यक्रम - 6 दिसंबर 2021 से 28 जनवरी 2022 तक प्रमाणपत्र पाठ्यक्रम "कार्यालय एवं जनसंचार कार्य विधि" का आयोजन किया गया। यह ऑनलाइन था। इसमें कुल 40 विद्यार्थियों द्वारा भाग लिया गया।

अंतरराष्ट्रीय हिंदी दिवस - विभाग द्वारा 10 जनवरी 2022 को अंतरराष्ट्रीय हिंदी दिवस आयोजित किया गया। इसमें मुख्य अतिथि के रूप में महाविद्यालय के उप-प्राचार्य डॉ. कलोल दास एवं मुख्य वक्ता के रूप में वह उप-परीक्षा नियंत्रक डॉ. विश्वास पटेल की उपस्थिति रही। कार्यक्रम की अध्यक्षता हिंदी विभागाध्यक्ष डॉ. रामेंद्र प्रसाद ओझा ने की।



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रविदास जयंती - विभाग द्वारा 19 फरवरी 2022 को रविदास जयंती आयोजित की गई. इसके अंतर्गत विद्यार्थियों ने एक नुक्कड़ नाटक प्रस्तुत किया, जिसमें सामाजिक सद्भाव एवं सामाजिक समरसता को प्रमुखता के साथ प्रस्तुत किया गया.

अहिंदी भाषियों हेतु कक्षाएं - दिनांक 21 फरवरी 2022 से 26 फरवरी 2022 तक अहिंदी भाषी विद्यार्थियों हेतु कक्षाएं आयोजित की गईं.

शैक्षणिक भ्रमण - बी. ए. तृतीय वर्ष के विद्यार्थियों को शैक्षणिक भ्रमण पर 28 फरवरी को 2022 को पायली ले जाया गया.

विद्यार्थियों हेतु कार्यशाला - कौशल विकास के अंतर्गत विद्यार्थियों को हिंदी में कंप्यूटर कार्य में दक्ष करने हेतु एक कार्यशाला का आयोजन किया गया, जो 2 मार्च 2022 से 8 मार्च 2022 तक थी. इस दौरान सुश्री कुमकुम गौतम के द्वारा विद्यार्थियों को कंप्यूटर के विभिन्न पहलुओं की जानकारी प्रदान की गई. इसमें कुल 26 विद्यार्थियों ने सहभागिता की.

अतिथि व्याख्यान - अतिथि व्याख्यान के अंतर्गत दिनांक 10 मार्च 2022 को आशुलिपि पर व्याख्यान आयोजित किया गया यह व्याख्यान श्री अविनाश गुप्ता द्वारा दिया गया.

26. SWOC Analysis:

SWOT Anyalsis

Strenght / ताकत

- 4 सदस्य Ph-D.
- 1 सदस्य NET + JRF
- 1 सदस्य SET+NET
- 2 सदस्य पी.एच.डी. गाइड
- सारे विद्यार्थियों तक पहुँच
- 4 पुस्तकों का प्रकाशन
- 2 राष्ट्रीय संगोष्ठी
- प्रकाशन संख्या (Peer reviewed)- 03 + UGC CARE LIST – 05
- विभिन्न दायित्वों का निर्वाह - परीक्षा संबंधी, पत्रिका संपादन, रिपोर्टिंग, मीडिया प्रबंधन, छात्र संघ, स्नेह सम्मेलन, सांस्कृतिक प्रभार, एल्यूमिनाई, एन.एस.एस.
- राष्ट्रीय पुरस्कार- 1 शिक्षा भूषण सम्मान, 2 कर्मवीर कोरोना अवार्ड

Weakness / कमजोरी

- स्नातकोत्तर कक्षा का अभाव

Opportunities/ अवसर

- शोध कार्य में वृद्धि



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- प्रोजेक्ट/प्रकाशन
- रोजगार हेतु प्रशिक्षण
- लोक सेवाओं हेतु प्रशिक्षण पाठ्यक्रम

Threats/चुनौतियाँ

- साहित्य के अध्येताओं की अल्प संख्या
- तकनीकी दक्षता में अल्पज्ञता

27. Future Plan:

1. Short Term Plans (within 12 months)

- जबलपुर के साहित्यकारों पर शोध संगोष्ठी
- शोध पत्र प्रकाशन
- पुस्तक प्रकाशन, प्रतिभा पत्रिका प्रकाशन
- प्रेमचंद जयंती, हिंदी दिवस, अंतर्राष्ट्रीय हिंदी दिवस, रविदास जयंती का आयोजन
- अहिंदीभाषियों हेतु रेमेडियल कक्षाएँ, प्रमाण पत्र पाठ्यक्रम, कंप्यूटर पर वर्कशाप

2. Mid Term Plans (1-3 years)

- शोध परियोजनाएँ
- अंतर्महाविद्यालयीन साहित्यिक प्रतियोगिताओं का आयोजन
- अंतर्राष्ट्रीय संगोष्ठी का आयोजन
- पत्रकारिता पर डिप्लोमा पाठ्यक्रम
- सामाजिक जनसंचार माध्यमों का अध्यापन हेतु उप

3. Long Term Plans (5 years and above)

- प्रतियोगी परीक्षाओं हेतु कक्षाओं का प्रतियोगिताओं का आयोजन
- शोध केन्द्र
- शोध पत्रिका का प्रकाशन
- विद्यालयी स्तर पर भाषिक चेतना का विकास
- अहिंदी भाषा-भाषियों के लिए भाषा केन्द्र की स्थापना



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio:

No. of Teacher	No. of Students	Student Teacher Ratio
04	5134	1:30

2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
Assistant Professor	04	04

3. Faculty profile with name, qualification, designation, experience, nature of appointment (confirmed/ probation/temporary):

Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
Dr. Ramendra Prasad Ojha	Assistant Professor	M.A., NET, Ph.D.	26	Confirmed
Dr. Carolin Saini	Assistant Professor	M.A., M.Phil., Ph.D.	29	Confirmed
Dr. Reena Thomas	Assistant Professor	M.A., SET, NET, M.Phil., Ph.D.	15	Confirmed
Dr. Abhilasha Shukla	Assistant Professor	M.A., Ph.D.	19	Confirmed

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
3	1	1	-

5. Number of academic support staff (technical) and administrative staff sanctioned, Filled and Vacant: Nil

Post	Sanctioned	Filled	Actual
-	-	-	-

6. Student profile programme-wise at UG and PG:

UG/PG	Applications	No. of students	Seats	Male	Female	Total
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	Received	Admitted	Available			
UG		289	300	147	142	289

7. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B.A. (Hindi Literature)	69	-	-	-
B.A (Functional Hindi)	21	-	-	-

8. Student progression/ placement record (UG/PG passed out students)

Programme	% proceeded for higher studies	% of students placed
B.A., Hindi Literature	12.90	16.12
B.A., Functional Hindi	10	33

9. Present details of departmental infrastructural & other facilities with regard to

- Central Library Books and Journals, etc., relevant to Department-** Books- 5851
Journals – 03
- Online (books, journals etc.)** Subscribed
- Computers and Internet facilities for staff** - 1 Desktop and 2 Laptop with Internet facilities
- Total number of class rooms**
- Class rooms with ICT facility** - All
- Students' laboratory** - N.A.
- Research laboratories** - N.A.
- Any other facility**

10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total

11. Laboratory Facilities – N.A.

Items Procured- 2021-22

S. No	Name of Item	Configuration	Quantity



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Declaration by the Head of the Department

The above information provided by the department is correct to the best of my knowledge.

Signature

Date: 02.11.22

Name Dr. Ramendra Prasad Ojha



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ACADEMIC AUDIT

1. **Name of the Department:** Biotechnology
2. **Year of establishment:** 2004
3. **Curricular Aspects:**

a. **Does the department offer program with sufficient no. of elective options:**

Program	Semester / year	Electives
M.Sc	Semester II	1. Environment and elementary ecology 2. Basics of Management
	Semester III	1. Medical Biotechnology 2. Applied Oncology

b. **Course having focus on employability / entrepreneurship / skill development**

Program	Year /sem	Course	Activity
B.Sc	2 nd and 3 rd years	Certificate course on "DNA Barcoding: Sequence to species"	Hands on training on molecular and bioinformatics tools
B.Sc	1 st year	Vocational course on Medical Diagnostics	Hands on training on medical diagnostics lab techniques

- c. **While framing curriculum, is feed-back taken from stakeholders viz. Students, Alumni, Parents, Employers; brief the analytical report.** Yes
- d. **Number of teachers preparing & following Academic Teaching plan:** 05
- e. **Do you offer Bridge/Remedial courses? If yes, Give details.**

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
B.Sc 1 st		Biotechnology	Dr. Laxmi Kant Pandey	42



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Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
B.Sc	1 st year	Microbiology and Immunology	Biotechnology	Dr. Laxmi Kant Pandey	12
	3rd year	Applied Biotechnology	Biotechnology		14
	3rd year	Molecular Biology	Biotechnology	Mr. Nitin Swamy	11
	2nd year	Biophysics and Biochemistry	Biotechnology	Dr. Rumana Faraz	15

f. What is the method for conducting internal evaluation?

1. Research project
2. Written examination
3. Power point presentation
4. Quiz

g. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.: Special Lectures:

Title of Programme (Guest Lecture /Seminar/Workshop)	Expert Person	Date	Number of Participants
Expert talk on "Recent Trends in Breast Cancer research"	Ms. Pallavi Kulkarni, Scholar and ICMR SRF, Biochemistry at AIIMS, Bhopal	on 4th February,2022 at 1:00 pm.	55
Guest lecture on "Molecular Biology techniques"	Dr. Kuldeep Sharma	10/01/21	42

h. Teaching and learning reforms: Departmental Blog: e-content (e notes, practical protocols etc) related to syllabus are available to students.

i. Internal Assessment reforms: Students are given some important environment related problems as there research project topic. In which students need to give an idea to solve those problems and come up with a scientific solution for it.

4. Number of teaching posts sanctioned, filled and vacant:

Number of Teachers	Sanctioned	Filled
05	05	05



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5. Participation of the department in the curriculum development for courses offered by the Universities or any Autonomous colleges (BoS Member). NA

Name of the teachers	Participation in Curriculum Development in University / College

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)

7. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify:

Programme	Examination System
B.Sc	Annual
M.Sc	CBCS

8. Information about research grants, projects completed and ongoing from National funding agencies (like UGC, DST)

S. No	Name of the Principle Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any

9. Research Publications

Name of Teacher	Papers published in peer reviewed journals

10. Number of publications

Papers published in peer reviewed journals	SCOPUS, Web of Science Indexing papers	Citations	h-index	Impact factor range/Average Impact factor
	01			1.4

11. Chapter in Books

Author Name	Name of Book
Mr Nitin Swamy	Fungi Bio-Prospects in Sustainable Agriculture, Environment and Nano-Technology Volume 1: Fungal Diversity of Sustainable Agriculture Fungal Diversity of Sustainable



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	Agriculture ISBN: 9780128213940
Mr Enosh Phillips	Handbook of Biofuels "Nanotechnological interventions in biofuel production," Handbook of Biofuels, pp. 593–604. Available at: https://doi.org/10.1016/b978-0-12-822810-4.00031-2 ISBN: 978-0-12- 822810-4

12. Edited Books

Author Name	Book Titled

13. Self-Authored Book

Author Name	Book Titled

14. Details of patents filed & granted and revenue income generated.

Name of the Teacher	Date of Applied/Sanctioned	Topic	Revenue generated

15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated

16. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

S. No	Name of the teacher	Programme
1.	Mr Nitin Swamy	Resource Person in Faculty Development Program cum Hands on Session for "Enactment of E-Content Maturing (Video Lecture Quality Enhancement) organized by Department of Applied Science, SIRTE.
2	Dr Laxmi Kant Pandey	Delivered a talk as a Resource Person for Confluence 2.0v in Biosciences discipline on the topic "Prions." which took place on 24th September 2021.
3	Dr Laxmi Kant Pandey	A guest lecture was delivered on the topic "Gene Cloning" at Institute of Excellence in Higher Education on 24th October 2021.

17. Number of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

Activity (please mention the number only)	National	International



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Refresher		
Orientation	01	
Seminar/Conference	05	
Workshop/FDP/Training Programme	06	
Paper presentation	01	

18. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (other than BoS)

S.No.	Name of the Faculty	Members of committees

19. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels.

Name of Faculty	Recognition received	Professional bodies and agencies National and International
Mr Enosh Phillips	Reviewer	Springer Nature

20. Awards / Prizes and recognitions received by teachers at university, state, national and international level:

Name of Faculty	Awards/Recognition received	Recognition Bodies
Dr. Rumana Faraz	Best research	Ravindra Nath Tagore University

21. Awards and Prizes received by students at university, state, national and international level:

Curricular activities:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies
1	Palak Khare	Best Student in UG	Microbiological Society of India

Co-curricular:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies



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22. Details of Seminars/ Conferences/Workshops/FDP organized at state, national and international level and the source of funding with details:

S.No	Name of Conference/ Seminars /Workshops/FDP	Funding agency	No. of Participants	State/National/ International	Dates
01	Life Science: Acceptance of the new normal	self	517	International conference	27 to 28 Aug 2021

23. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D. Lit:

24. Subject-wise Results

UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Biotechnology	47	47	00	00	100
TOTAL----->						

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Biotechnology	50	50	00	00	100
TOTAL----->						

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Biotechnology	55	55	00	00	100
TOTAL----->						

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Biotechnology	29	29	00	00	100



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PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Biotechnology	29	29	00	00	100

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Biotechnology	24	23	01	00	96

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Biotechnology	24	23	01	00	96

25. Strategic Plan and its implementation (2021-22):

S. No	Month	Activity
1	July	-Bridge classes for UG students -Guest Lecture
2	August	- Visit to Research lab/Industry for PG students -Bridge classes for PG students -Commencement of Project for BSc II year
3	September	- Commencement of Vocational course for BSc II year -Guest Lecture -Star project for BSc III year
4	October	-Hackathon -CCE/Seminar of PG students -I st CCE for BSc II year
5	November	-Practical exams of UG I Sem and PG I and III Sem -Remedial classes
6	December	-Commencement of Exams for UG I Sem and PG I and III Sem -II nd CCE for BSc II year -Quarterly exams of BSc III year
7	January	- Hands on training to School Student on Biotechnological techniques - PG Dissertation begins
8	February	-Educational trip for UG students -III rd CCE of BSc II year
9	March	- Half-yearly exams of UG I Sem



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26. SWOC Analysis:

Strength:

1. Students are qualifying national level exams and went abroad for higher studies
2. 100 percentage admission in PG

Weakness:

- No Research project

Opportunities

- Students publication in reputed journals

Challenges:

- Students with diverse background with diverse needs

27. Future Plan:

1. Faculty level research projects
2. Students visit to various renowned institutions.



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: (PG)

No. of Teacher	No. of Students	Student Teacher Ratio
05	53	1:20

2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
Assistant Professor	05	05

3. Faculty profile with name, qualification, designation, experience, nature of appointment (confirmed/ probation/temporary):

Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
Dr Laxmi Kant Pandey	Assistant Professor	PhD, CSIR NET, GATE	14	Confirmed
Mr Enosh Phillips	Assistant Professor	M.Sc	08	Confirmed
Mr Nitin Swamy	Assistant Professor	M.Sc	08	Confirmed
Dr Rumana Faraz	Assistant Professor	PhD	01	Confirmed
Miss Shreya Tiwari	Assistant Professor	M.Sc	01	Temporary

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
0	02	03	

5. Number of academic support staff (technical) and administrative staff sanctioned, Filled and Vacant:

Post	Sanctioned	Filled	Actual
01	01	01	01



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6. Student profile programme-wise at UG and PG:

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
UG	71	53	120	11	42	53
PG	40	30	30	06	24	30

7. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
PG	87	00	13	00

8. Student progression/ placement record (UG/PG passed out students)

Programme	% proceeded for higher studies	% of students placed
UG	90	05
PG	05	35

9. Present details of departmental infrastructural & other facilities with regard to

- Central Library Books and Journals, etc., relevant to Department: 1090 Books and 05 Journals
- Online (books, journals etc.) Subscribed
- Computers and Internet facilities for staff: 03 computers and 01 laptop
- Total number of class rooms: 02
- Class rooms with ICT facility: 01
- Students' laboratory: 02
- Research laboratories: 01
- Any other facility:

10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total

11. Laboratory Facilities

Items Procured- 2021-22

S. No	Name of Item	Configuration	Quantity



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Declaration by the Head of the Department

The above information provided by the department is correct to the best of my knowledge.

Signature

HEAD
Department of Biotechnology
St Aloysius (Autonomous) College
Jabalpur (M.P.)

Date:

Name: Dr. Iaxmikant Pandey



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ACADEMIC AUDIT

1. Name of the Department: Botany & Microbiology

2. Year of establishment: 1998

3. Curricular Aspects:

a. Does the department offer program with sufficient no. of elective options:

Program	Semester / year	Electives
B.Sc.	I Year	1. Basic Botany
M.Sc.	I semester	1. Biomolecules 2. Bioenergetics and intermediary Metabolism
M.Sc.	II semester	1. Biology of the immune system 2. Microbial metabolism
M.Sc.	III semester	1. Bioprocess Engineering and Technology 2. Biotechnology

b. Course having focus on employability / entrepreneurship / skill development

Program	Year /sem	Course	Activity
B.Sc.	III Year	IMB Paper 1: Fermentation Technology and Biostatistics	<i>Practical:</i> 1. Solid state fermentation 2. Microbial Analysis of food products (Employability)
B.Sc.	III Year	IMB Paper 1: Agriculture, environmental and Industrial Microbiology	<i>Theory –</i> Mushroom cultivation (Employability)
B.Sc. II	II Year	IMB Paper 1 (Microbial physiology and metabolism) and 2 (Microbial genetics and molecular biology)	<i>Project:</i> Isolation of fungi from various samples like fruits, vegetables, soil, pulses, cereals etc. (Skill Development)
B.Sc.	I Year	IMB Paper 1: Tools and techniques in Industrial microbiology	<i>Practicals:</i> 1. Pure culture techniques 2. Instrumentation (Skill Development)
B.Sc.	I Year	IMB Paper 2: Fundamentals in Industrial microbiology	<i>Practicals:</i> 1. Microscopy 2. Study of significant microbes. (Skill Development)



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B.Sc.	I Year	Botany	Practical : Gram Staining technique (Skill Development)
M.Sc.	I-IV semester	Microbiology	Practicals and Dissertation Environmental, Industrial, Medical, Agriculture Microbiology (Skill Development / Entrepreneurship / Employability).

- c. While framing curriculum, is feed-back taken from stakeholders viz. Students, Alumni, Parents, Employers; brief the analytical report. Yes
- d. Number of teachers preparing & following Academic Teaching plan: 06
- e. Do you offer Bridge/Remedial courses? If yes, Give details.

Yes we offer Bridge/Remedial courses

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
B.Sc. I year	Tools and techniques in IMB	Industrial Microbiology	Mrs. Roshni Choubey	17
B.Sc. I year	Basic Botany	Botany	Dr. Mamta Gokhale	23
M.Sc. I sem	Bacteriology, Virology, Mycology and Biomolecules	Microbiology	Dr. Femina Sobin	20

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
B.Sc.	III	Paper 1: Fermentation Technology and Biostatistics	Industrial Microbiology	Mrs. Roshni Choubey	6
B.Sc.	III	Paper 2: Agricultural, Environmental and Industrial Microbiology	Industrial Microbiology	Dr. Durga Ray	7
B.Sc.	II	Paper 2: Microbial Genetics and Molecular Biology	Industrial Microbiology	Dr. Femina Sobin	5
B.Sc.	II	Paper 1: Microbial Physiology and Metabolism	Industrial Microbiology	Dr. Durga Ray	5
B.Sc.	I	Paper 1: Tools and Techniques in Industrial Microbiology	Industrial Microbiology	Mrs. Roshni Choubey	9



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B.Sc.	I	Paper 2: Fundamentals of Industrial Microbiology	Industrial Microbiology	Dr. Femina Sobin	9
B.Sc.	III	Paper 2: Cell Biology, Genetics and Biotechnology	Botany	Dr. Shikha Bansal	10
B.Sc.	III	Paper 1: Plant Physiology and Biochemistry	Botany	Dr. Mamta Gokhale	4
B.Sc.	II	Paper 1: Taxonomy and Embryology of Angiosperms	Botany	Dr. Shikha Bansal	13
B.Sc.	II	Paper 2: Plant Ecology, Biodiversity and Phytogeography	Botany	Dr. Mamta Gokhale	4
B.Sc.	I	Paper 2: Basic Botany	Botany	Dr. Shikha Bansal	10

f. What is the method for conducting internal evaluation?

Various methods of conducting internal assessment includes

Program	Internal evaluation methods			
	CCE (Theory and Practical)	Quarterly Examination	Half yearly Examination	Projects/ Internship
B.Sc. I year	Written test, Mind mapping, Chart making, Assignment, Quiz, Presentation	-	-	Project and internship (Internal assessment – report, presentation and viva voce)
B.Sc. II year	-	Written Examination	Written Examination	-
B.Sc. III year	-	Project report and viva voce	Written Examination	-
M.Sc. I-III Semester	Mid Term Examination	Practical Examination – Continuous Evaluation		Continuous Evaluation in Seminar

g. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.: Special Lectures:

Title of Programme (Guest Lecture /Seminar/Workshop)	Expert Person	Date	Number of Participants
Guest lecture on “Identification of Fungal Culture”	Dr. Rohit Sharma, Asst. Prof., SAGE University	02/03/2022	25
Guest lecture on the topic “Invasive Plant Species and Our Environment”	Dr. Puja Ray, Asst. Prof., Department of Zoology, Presidency College, Kolkata	30/09/2021	105
Guest lecture on dietary oils and	Dr. Daniel A. Gibleon, Bishop	23/10/2021	41



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health	Heber College		
Workshop on "Hydroponics: Practice & Benefits" in collaboration with Bio-design Innovation Centre	Mr. Agranshu Dwivedi, Jabalpur Incubation Centre	22/01/2022	33
Training programme on Bonsai cultivation	Mrs. Manisha Dubey, Managing Director, Dubey Surgical and Dental Hospital	21/03/2022	46
National Workshop on "Organic Farming and Water Conservation" organized by Rani Durgavati Vishwavidyalaya, Jabalpur (M. P.)	Dr. Surendra Singh, Head, Department of Bioscience, RDVV; Dr. Rajendra Singh, the Waterman of India; Shri K. S. Netam, Joint Director Agriculture, Jabalpur and Dr. Amit Tripathi, CEO of Geolife, Mumbai	4 -5/03/ 2022	11
Agribusiness awareness programme organized by JNKVV	Dr. Sunil Nahatkar, JNKVV, RABI Director	14.12.2021	10

- h. Teaching and learning reforms:** NEP syllabus was introduced in B.Sc. I year under this course (Industrial Microbiology Major and Botany Minor/ Elective) Innovative practical, Projects and Internships were conducted. Under DBT Star Scheme also innovative practical and projects were incorporated in the syllabi of B.Sc. I, II, III year in subjects Botany and Microbiology.
- i. Internal Assessment reforms:** CCE modes like quiz (B.Sc I year IMB Major 1 and 2: Techniques in IMB and Basic exercises in IMB; B.Sc I year Botany: Basic Botany Practical), assignment (B.Sc I year IMB Major 1 and 2: Autoclave, Compound Microscope etc.), mind mapping and preparation of roller charts were conducted in B.Sc. I year.

4. Number of teaching posts sanctioned, filled and vacant:

Number of Teachers	Sanctioned	Filled
06	06	06

5. Participation of the department in the curriculum development for courses offered by the Universities or any Autonomous colleges (BoS Member).

Name of the teachers	Participation in Curriculum Development in University / College
Dr. Sonali Nigam	Rani Durgavati University, BoS Member PG Microbiology
	BOS member, Dept. of Botany and Microbiology, St. Aloysius College (Auto.) Jabalpur, M.P.
Dr. Femina Sobin	BOS member, Dept. of Botany and Microbiology, St. Aloysius College (Auto.) Jabalpur, M.P.
Dr. Mamta Gokhale	BOS member, Dept. of Botany and Microbiology, St. Aloysius College (Auto.) Jabalpur, M.P.



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Mrs. Roshni Choubey	BOS member, Dept. of Botany and Microbiology, St. Aloysius College (Auto.) Jabalpur, M.P.
Dr. Durga Ray	BOS member, Dept. of Botany and Microbiology, St. Aloysius College (Auto.) Jabalpur, M.P.

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
B.Sc. I year	1. Narmada Gelatin Factory, Jabalpur 2. Cocacola Beverage Pvt. Ltd., Richhai 3. Indus Beverage, Richhai 4. Guapha Pharmaceuticals, Jabalpur	Internship
B.Sc. I and II year	National Centre for Biological Sciences, Tata Institute of Forest Research -Pachmari Field Station	Educational tour
M.Sc. IV Semester	1. ICMR-NIRTH 2. CSIR-Central Drug Research Institute, Lucknow 3. ICMR- National Institute of Pathology, New Delhi 4. Jawaharlal Nehru Krishi Vishvavidyalaya, Jabalpur 5. CSIR-NEERI, Nagpur, Maharashtra 6. Tropical Forest Research Institute, Jabalpur 7. A. K. S. University, Satna 8. Banaras Hindu University 9. Rani Durgavati University, Jabalpur 10. Excellent Bioresearch solutions, Jabalpur	Dissertation
B.Sc. and M.Sc.	Aventura	Project

7. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify:

Programme	Examination System
B.Sc. I Year	Credit and Grading system
B.Sc. II and III Year	Annual system
M.Sc. I-IV Semester	Choice Based Credit System

8. Information about research grants, projects completed and ongoing from National funding agencies (like UGC, DST)

S. No	Name of the Principle Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
	NA				



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9. Research Publications

Name of Teacher	Papers published in peer reviewed journals
Dr. Sonali Nigam	<i>Tephrosia purpurea</i> : From Traditional Use to Scientific Assessment: Environmental Sciences and Ecology: Current Research, (ESECR) Volume 2 Issue 3, 2021
	Synthesis of Chitosan-based Nanoparticles from Plant Extract of <i>Clitoria ternatea</i> and Study of their Antibacterial Activity- Int. J. Pharm. Sci. Rev. Res., 73(2), March - April 2022; Article No. 28, Pages: 154-160.
Dr. Mamta Gokhale	Mamta Gokhale, Rumana Faraz, Isha Deshpande, Ashish Garg (2022) Isolation of Bio-molecule Baicalein (5,6, 7- Trihydroxyflavone) from root of <i>Oroxylum indicum</i> L. Vent & its prospective interaction with COVID-19 Viral S- Protein Receptor Binding Domain. Res J Pharm Tech.
	Mamta Gokhale, Rashmi Thakur, Isha Deshpande (2021) Development, optimization and application of corn cobs as effective matrix for immobilization of fungal strains <i>Paecilomyces sinensis</i> & <i>Geotrichum pseudocandidum</i> J Scientific Res 65 (1):120-128 http://dx.doi.org/10.37398/JSR.2021.650116 (NAAS- National Academy of Agriculture Science- Rating 5.79)
	Mamta Gokhale, Anmol Sidana (2021) <i>Lantana camara</i> : Conversion from soil destructor to constructive approach with green nanoparticles. Int J Advance Research, Ideas and Innovations Tech 7: 4 - V7I4-1479.
Dr. Durga Ray	Biotechnological interventions of in vitro propagation and production of valuable secondary metabolites in <i>Stevia rebaudiana</i> . Applied Microbiology and Biotechnology. https://doi.org/10.1007/s00253-021-11580-9 . Impact Factor: 3.53
	<i>Podophyllum hexandrum</i> and its active constituents: A novel radioprotectant, Asian Journal of Pharmaceutical Sciences, Accepted, Article in Press. Impact Factor: 0.46

10. Number of publications

Papers published in peer reviewed journals	SCOPUS, Web of Science Indexing Papers	Citations	h-index	Impact factor range/Average Impact factor
1				2

11. Chapter in Books

Author Name	Name of Book
Dr. Femina Sobin	Fundamentals of Plant and soil Microbial interactions (Theory and Practices), Bharti Publications, PP: 09-17, ISBN: 978-93-91681-08-1
	Global Pandemic: Responses and Solutions, (Shree Vinayak Publication, Agra: ISBN: 978-93-91267-07-0).
Dr. Mamta Gokhale	Global Pandemic: Responses and Solutions, (Shree Vinayak Publication, Agra: ISBN: 978-93-91267-07-0).
	Global Pandemic: Responses and Solutions, (Shree Vinayak Publication, Agra: ISBN: 978-93-91267-07-0).



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Roshni Choubey	Fundamentals of Plant and soil Microbial interactions (Theory and Practices), Bharti Publications, PP: 09-17, ISBN: 978-93-91681-08-1
	Environment and Unsustainable Human Life. Vol V: 14-24 ISBN: 978-93-91308-48-3, VL Media Solutions Publication, New Delhi.

12. Edited Books

Author Name	Book Titled
Dr. Femina Sobin and Mrs. Roshni Choubey	Global Pandemic: Responses and solutions (Shree Vinayak publication, Agra) ISBN: 978-93-91267-07-0

13. Self-Authored Book

Author Name	Book Titled
Dr. Mamta Gokhale	Author of the textbook for B.Sc I year, Botany "Diversity of lower plants" 2021, Himalaya Publication, ISBN: 978-93-90470-96-9

14. Details of patents filed & granted and revenue income generated.

Name of the Teacher	Date of Applied/Sanctioned	Topic	Revenue generated
Mamta Gokhale	dt.06.06.2022 (Granted) No. 022118445 https://photos.app.goo.gl/Zfh6PBbAMK4S1QJH9	Flavanoid (baicalein) production in cell cultures of <i>Oroxylum indicum</i> (L.) Vent. Patent no. 1841/MUM/2012, Date of Publication: 03.01.2014 (Patent granted in 06 th June 2022)	NIL
	Date of filing: 19 th March 2020. Dt. of Publication 27.08.2021 https://docs.google.com/document/d/1ye_Myb0pFdR7zZR2KWl_yDd2ybJPIY8E/edit?usp=sharing&ouid=108641060828050242806&rtpof=true&sd=true	A multipurpose herbal composition and method for producing the same. No. 1/12798/2020-MUM	NIL

15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated
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1	Dr. Mamta Gokhale	Research consultancy	Rs. 3000
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16. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

S. No	Name of the teacher	Programme
1	Dr. Sonali Nigam (11 December 2021)	National Seminar and Zonal programmes under theme "Social Protection to all" organized by Christian Workers Movement-India, Catholic Centre
		National webinar on "Only one Earth" on the occasion of World Environment day on 06.06.2022 organized by Govt. M.H. College of Home science and Science, Jabalpur, M.P.
2	Dr. Mamta Gokhale	Delivered lecture on Plant tissue culture in International / National level webinar series on the topic plant tissue culture organized by Shree Kumar Swamy Mahavidyalaya, Ausa. Dist. Latur on 01 st June 2022.
		Guest lecture on recent advantages in Science and Technologies organized on 23. 04.2022 by SAGE univ., Bhopal in association with CSI, IETE and ABRF
		Conservation of environmental components: Biotechnological approach, Organized by dept. of botany, Lalgarh, Govt. college, Jhargram, W.B., and Dept. of botany, SBM, Kapgiri, Jhargram, W.B. in collaboration with DRISHTICON organization On 23.10.2021
		Delivered the web session (online lecture) to Jawahar R-ABI startups via an online platform (Google meet) on the topic "DIC, SAC Introduction and innovative products of startups promoted at DIC, SAC dated 22 Sep 2021.
3	Mrs. Roshni Choubey	International student- Faculty Exchange Program: Confluence 2.0v organized by IQAC, St. Aloysius College Jabalpur, M.P. from 15 th Sep to 01 Oct 2021.
		DBT-sponsored FDP entitled Bench Marking Skills at School level organized by Faculty of Life Sciences on 29-30 th October 2021.
4	Dr. Femina Sobin	DBT-sponsored FDP entitled Bench Marking Skills at School level organized by Faculty of Life Sciences on 29-30 th October 2021.

17. Number of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

Activity (please mention the number only)	National	International
Refresher	-	-
Orientation	-	-



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Seminar/Conference	26	1
Workshop/FDP/Training Programme	11	4
Paper presentation	-	-

18. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (other than BoS)

S. No.	Name of the Faculty	Members of committees
1	Dr. Sonali Nigam	Member, Green Audit, Govt M.H.College of Home Science and Science Member, Green Audit, Govt. Model Science College, Jabalpur.
2	Dr. Mamta Gokhale	Innovation Ambassador at innovation institute (IIC)

19. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels.

Name of Faculty	Recognition received	Professional bodies and agencies National and International
Roshni Choubey	Reviewer	1. International Journal of Life Science 2. International journal of plant and soil science.

20. Awards / Prizes and recognitions received by teachers at university, state, national and international level:

Name of Faculty	Awards/Recognition received	Recognition Bodies
Dr. Mamta Gokhale	Received certificate of appreciation for "Assessment of the Government of India's Gender Mainstreaming Programme For Women in Science" on 31 st July 2021.	CHORD- National Science & Technology Management Information System (NSTMIS), DST, New Delhi
Mrs. Roshni Choubey	Winner Catch of the day competition (05 day)	7 days National Workshop cum FDP, Career college, Bhopal
Dr. Femina Sobin	Winner Catch of the day competition	7 days National Workshop cum FDP, Career college, Bhopal

21. Awards and Prizes received by students at university, state, national and international level:

Curricular activities:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies
1.	Deepraj Shukla	Certificate and cash prize of 1000.	



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2.	Alok Joshi	Certificate and cash prize of 1000.	Aventura company, Mumbai
3.	Harshwardhan Singh	Certificate and cash prize of 1000.	
4.	Anushka Mishra,	Certificate and cash prize of 1000.	
5.	Mrinal Jha	Certificate and cash prize of 1000.	

Co-curricular:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies
1.	Chandrabhan Dhurve	Mr. M.P. Body building	
2.	Mehak Rohani	First rank in Biology section	International Student Faculty Exchange program entitled "Confluence 2.0v".
3.	Genisha Jose	Third prize in Western solo singing and Second prize in Group singing competition	Youth Festival 2022.
4.	Manshvi Sharnagat	Participation certificate	NSS state camp Shivpuri
5.	Manshvi Sharnagat	second rank in University level speech competition	RDVV, JBP
6.	Anushka Mishra	Best essay (English: No Gender only Human)	Kadam organization
7.	Anushka Mishra	1st prize in Clay Modeling Competition	College level during Youth Festival 2022.
8.	Manshvi Sharnagat	first rank in District level speech Competition	St. Aloysius College (Auto.) College Jabalpur.
9.	Manshvi Sharnagat	Third rank in District level Kavyapath Competition	St. Aloysius College (Auto.) College Jabalpur..
10.	Manshvi Sharnagat	first rank in District level skit Competition	St. Aloysius College (Auto.) College Jabalpur.
11.	Anushkishra	2nd prize in slogan competition	Chemistry department, St. Aloysius College (Auto.) College Jabalpur.

22. Details of Seminars/ Conferences/Workshops/FDP organized at state, national and international level and the source of funding with details:

S.No	Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	State/National/ International	Dates
1	FDP entitled "Bench marking skill development at school level"	DBT-Star	30	Local	29-30th October 2021
2	FDP entitled "Innovative Research Practices"	DBT-Star	88	National	21st to 26th February 32022
3	Work Shop on "Hydroponic: Practices & Benefits"	DBT-Star	33	Local	22nd January, 2022



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Year 2021-22

23. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D. Lit: NA

24. Subject-wise Results

UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.Sc IMB	17	08	09	0	47%

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.Sc IMB	25	25	0	0	100%

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.Sc IMB	28	25	03	0	90

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Microbiology	26	26	0	0	100

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Microbiology	26	24	2	0	100%

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Microbiology	23	21	2	0	100%



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PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Microbiology	23	23	0	0	100%

Strategic Plan and its implementation (2021-22):

To Strengthen the teaching learning modalities by updating teaching methods.

- Update and upgrade the quality of teaching through introduction of new/short courses and regular revision in the existing courses.
- Innovative practicals
- Student centric projects
- Feedback and upgrading syllabi
- Promote industry-institution collaboration
- Internship for industrial exposure
- Project under DIC with JNKVV/Aventura
- Expand departmental research collaboration with national organizations
- Dissertation with reputed institutes
- Research consultancy to scholars
- Faculty and student publication in reputed journals
- To organize outreach and co-curricular activities
- Plantation
- Science day celebration
- Earth day celebration
- Organize faculty development activities, in improving knowledge, skills and visibility and also promote faculties participation and presentation in international professional meetings/conferences

25. SWOC Analysis:

STRENGTH	<ol style="list-style-type: none">1. Publication with students2. Faculty as research co-guide.3. Research consultancy4. Student startups established5. Inclusion of research article review in Seminar presentation.
WEAKNESS	<ol style="list-style-type: none">1. Less placement2. Less no. of research projects
OPPORTUNITY	<ol style="list-style-type: none">1. MOUs to be more functional2. More linkages to be established.3. More interdepartmental and inter-institutional activities.
THREATS/ CHALLENGES	<ol style="list-style-type: none">1. Less admissions2. Publications in journals with good impact factors

26. Future Plan:

- Faculty shall apply for research guide.
- Minor/major research project proposal shall be sent by the faculty.



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio:

No. of Teacher	No. of Students	Student Teacher Ratio
06	261	1:20

2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
Assistant Professor	06	06

3. Faculty profile with name, qualification, designation, experience, nature of appointment (confirmed/ probation/temporary):

Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
Dr. Shikha Bansal	Assistant Professor	M.Sc, Ph.d	31 Years	Confirmed
Dr. Sonali Nigam	Assistant Professor	M.Sc, Ph.d	17 Years	Confirmed
Dr. Femina Sobin	Assistant Professor	M.Sc, Ph.d, SET	16 years	Confirmed
Dr. Mamta Gokhale	Assistant Professor	M.Sc,M.Phil, Ph.d,	14 years	Confirmed
Mrs. Roshni Choubey	Assistant Professor	M.Sc,	12 Years	Confirmed
Dr. Durga Ray	Assistant Professor	M.Sc, Ph.d	1 Year	Probation

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
2	1	2	1

5. Number of academic support staff (technical) and administrative staff sanctioned, Filled and Vacant:

Post	Sanctioned	Filled	Actual
Lab Attendant	02	02	02

6. Student profile programme-wise at UG and PG:

UG/PG	Applications	No. of students	Seats	Male	Female	Total
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	Received	Admitted	Available			
B.Sc IMB	27	21	45	9	12	21
M. Sc Microbiology	33	25	25	4	21	25

7. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B.Sc IMB	76.19	14.2	9.52	-
M.Sc Microbiology	92.30	-	7.69	-

8. Student progression/ placement record (UG/PG passed out students)

Programme	% proceeded for higher studies	% of students placed
B.Sc IMB	75%	-
PG	-	17 %

9. Present details of departmental infrastructural & other facilities with regard to

- Central Library Books and Journals, etc., relevant to Department
- Online (books, journals etc.) Subscribed: Through e-resources (INFLIBNET, DELNET, THE AMERICAN LIBRARY AND PDFCHM.NET)
- Computers and Internet facilities for staff: 8 desktop, 2 laptop and 24X7 Internet facility available (Wi-Fi and LAN).
- Total number of class rooms: 03 classrooms for (UG) and 01 (PG)
- Class rooms with ICT facility: 100%
- Students' laboratory: 01(UG) and 01 (PG)
- Research laboratories: 01
- Any other facility: Well-equipped labs with sophisticated instruments and educational softwares, e-podium, collar mike, speakers.

10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
1,00,000 /-	NA	96,949/-	96,949/-

11. Laboratory Facilities

Items Procured- 2021-22

S. No	Name of Item	Configuration	Quantity
NA	NA	NA	NA



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Year 2021-22

Declaration by the Head of the Department

The above information provided by the department is correct to the best of my knowledge.

HEAD

Dept. of Botany & Microbiology
St. Aloysius College, (Autonomous)
JABALPUR (M. P.)

Signature

Date:

Name: Dr. Sonali Nigam



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ACADEMIC AUDIT

1. **Name of the Department:** Chemistry
2. **Year of establishment:** 1951
3. **Curricular Aspects:**

a. Does the department offer program with sufficient no. of elective options:

Program	Semester / year	Electives
BSc	I year	Analytical Chemistry
MSc Chemistry	MSc I	One Elective out of the two- <ul style="list-style-type: none">• Biology for Chemist with computers• Maths for Chemist with computers
	MSc II	One Elective out of the two- <ul style="list-style-type: none">• Analytical Chemistry and Photochemistry.
	MSc III	Two elective out of the three- <ul style="list-style-type: none">• Medicinal Chemistry• Polymer Chemistry• Natural Products
	MSc IV	One out of two Departmental electives- <ul style="list-style-type: none">• Environmental Chemistry• Chemistry of Materials One out of two Open electives- <ul style="list-style-type: none">• Bioorganic Chemistry• Biochemistry

b. Course having focus on employability / entrepreneurship / skill development

Program	Year /sem	Course	Activity
UG and PG	All Years	Certificate Course Credit- 02	1.Application of Chemistry in Everyday Life COURSE MODULE Module I: <i>Thin Layer Chromatography and analysis of adulterants</i>



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			Module II: <i>Complexometric analysis:</i> Module III: <i>Water Analysis:</i> Module IV: <i>UV-VIS Spectrophotometer and colorimeter Analysis</i> Module V: <i>Green Chemistry</i> 2. Instrumentation and Analytical techniques in Chemistry COURSE MODULE Module I: <i>UV-VIS Spectrophotometer</i> Module II: <i>FTIR</i> Module III: <i>XRD</i> Module IV: <i>PCR</i> Module V: <i>Electrophoresis</i> Module VI: <i>Geldoc</i>
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- c. **While framing curriculum, is feed-back taken from stakeholders viz. Students, Alumni, Parents, Employers; brief the analytical report.** Yes
- d. **Number of teachers preparing & following Academic Teaching plan:** 6
- e. **Do you offer Bridge/Remedial courses? If yes, Give details.** Yes

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
BSc I year	Bridge classes	Physical Chemistry	Dr. Anjali Dsouza	78
		Inorganic Chemistry	Dr. Sutapa Roy	75
		Organic Chemistry	Dr. Smarika Lawrance	85

Remedial Course:

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
M. Sc	III sem	Remedial Class	Chemistry	Dr. Smarika Lawrance	23
M. Sc	III sem	Remedial Class	Medicinal Chemistry	Dr. Amita Chhatri	19



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f. What is the method for conducting internal evaluation?

- Objective Test
- Subjective test
- Presentation
- Report writing
- Assignment
- Case Study
- Important Question Answer writing
- Practical Demonstrations
- Poster
- Library Survey
- Project Report writing
- Medicinal Structure Extempore

g. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.: Special Lectures:

Title of Programme (Guest Lecture /Seminar/Workshop)	Expert Person	Date	Number of Participants
Guest Lecture	Dr. A.K. Bajpai Professor, Govt. PG College Seoni	23 rd October 2021	63
	Mrs. Ugrataara Rajak, Dietician	1 st and 2 nd February 2022	25

h. Teaching and learning reforms:

- Hybrid mode classes were done and Google meet was used for the online classes.
- Multifarious modes of CCE were used for teaching and learning.
- Research Oriented Societal Projects were conducted in PG sem IV to provide exposure to research and orienting students towards progression in higher education in Chemistry.
- Industrial Visit to Kareli Sugar Mill was conducted to emphasize the importance of entrepreneurship
- Lectures on some relevant topics were conducted for UG and PG students by experts.
- Training Program on Sanitizer and Moisturizer Making was conducted to generate scientific temper and curiosity among students and orient them towards entrepreneurship.
- Faculty has undergone knowledge and technology updation by attending FDP/Workshop/Certificate on subject enhancement and ICT uses in Online technology



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i. Internal Assessment reforms:

- Internal Assessment was done in offline mode. Multifarious modes of assessment were used at UG and PG level.
- Internal assessment mode at BSc I year- Subjective and Objective test, Report writing, Classroom teaching, assignment and poster
- Internal assessment mode at BSc II year- Subjective test, Poster presentation, Assignment, Library Survey
- Internal assessment mode at BSc III year- Project Work, Library Survey, Subjective Test
- Internal assessment mode at MSc I and II sem- Important Question Answer Writing, Paper Solving, Assignment writing.
- Internal assessment mode at MSc III and IV sem- One page write-up(Polymer types and uses, Instrumentation and applications, Medicinal structures and uses) Case study Project Report writing Medicinal Structure Extempore, Presentation, Practical Demonstration.

4. Number of teaching posts sanctioned, filled and vacant:

Number of Teachers	Sanctioned	Filled
6	6	6

5. Participation of the department in the curriculum development for courses offered by the Universities or any Autonomous colleges (BoS Member).

Name of the teachers	Participation in Curriculum Development in University / College
Dr. Anjali D'souza	Chairman of Board of Studies, Rani Durgavati University, Jabalpur
Dr. Manju Gupta	Member of Board of Studies, Maharshi Mahesh Yogi Vaidic Vishwavidyalaya

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
Nil		

7. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify:

Programme	Examination System
BSc I year	Annual – Choice Based Credit System
BSc II and III year	Annual system
MSc	Semester-Choice Based Credit System



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8. Information about research grants, projects completed and ongoing from National funding agencies (like UGC, DST)

S. No	Name of the Principle Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
1.	Dr. Manju Gupta	Fourier Transform-Infrared Spectroscopy as non-destructive and rapid method for residual emerging contaminants in treated water	Department of Science & Technology, New Delhi 1st April 2019-31 March 2022 (File No.: SR/WOS-A/CS-7/2018)	Rs.27,15,000/-	Project completed on 31 March 2022
2.	Dr. Smarika Lawrance	Star College Scheme	Department of Biotechnology, New Delhi	Rs 3 Lakhs	Ongoing

9. Research Publications

Name of Teacher	Papers published in peer reviewed journals
Dr. Manju Gupta	Dispersive liquid-liquid micro extraction and diffuse reflectance-Fourier transform infrared spectroscopy for iodate determination in food grade salt and food samples, Food chemistry, 368 (2022) 130810

10. Number of publications

Papers published in peer reviewed journals	SCOPUS, Web of Science Indexing Papers	Citations	h-index	Impact factor range/Average Impact factor
Dr. Anjali D'souza		24	4	
Dr. Smarika Lawrance		16	2	
Dr. Sutapa Roy		18	6	
Dr. Shweta Likhitar		23	3	
Dr. Amita Chhatri		23	2	
Dr. Manju Gupta	1	43	9	7.514

11. Chapter in Books

Author Name	Name of Book
Dr. Sutapa Roy	A Conceptual Approach: Implementation of environmental Management System in Educational Institutions, in <i>Environmental Management</i> , chapter-10



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Dr. Manju Gupta

Application of single drop micro extraction in analytical toxicology, in *Micro extraction techniques in Analytical Toxicology*, Chapter 7, pp. 131-145 (2022). CRC Press, Taylor and Francis, Florida, USA, 2022; ISBN 9780367651947; DOI: 10.1201/9781003128298.

12. Edited Books

Author Name	Book Titled
NA	

13. Self-Authored Book

Author Name	Book Titled
NA	

14. Details of patents filed & granted and revenue income generated.

Name of the Teacher	Date of Applied/Sanctioned	Topic	Revenue generated
NA			

15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated
1.	Dr. Manju Gupta	Sample Analysis through UV-Vis and FT-IR	Rs. 5,950
2.	Dr. Smarika Lawrance	Sample analysis through Mechanical tensile tester	Rs. 550

16. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

S. No	Name of the teacher	Programme
1	Dr. Manju Gupta	Resource person in Orientation Program on "Research Culture" for Post Graduate Science Students on 13 th November 2021, organized by IQAC, St Aloysius Autonomous College, Jabalpur. Faculty Development Program on <i>Innovative Research Practices</i> organized by Department of Botany and Microbiology, St Aloysius Autonomous College, Jabalpur Date-23 rd February 2022.

17. Number of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.



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Activity (please mention the number only)	National	International
Refresher	1	0
Orientation	3	0
Seminar/Conference	11	1
Workshop/FDP/Training Programme	14	3
Paper presentation	1	1

18. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (other than BoS)

S.No.	Name of the Faculty	Members of committees
1	Dr. Anjali D'souza	Chairman of Board of Studies, Rani Durgavati University, Jabalpur
2	Dr. Manju Gupta	Member of Board of Studies, Maharshi Mahesh Yogi Vaidic Vishwavidyalaya,

19. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels.

Name of Faculty	Recognition received	Professional bodies and agencies National and International
Dr. Amita Chhatri	Reviewer of 03 Papers	Iranian Journal of Chemistry and Chemical Engineering. 1.Synthesis and Application of Hydrogels for Oil-Water Separation Manuscript ID: IJCCE-4820 2.Manuscript Title: Preparation, in-vitro evaluation and delivery of colchicine via polyacrylamide hydrogel Manuscript ID: IJCCE-4830 3.Environmentally Sensitive Vinylpyrrolidone/Methacrylic Acid InterComplex Amphoteric Hydrogel: Preparation, Characterization, and Use in the Binding of Copper Ions Manuscript ID: IJCCE-5380
Dr. Manju Gupta	Reviewer of 2 Papers	1. Journal of Analytical Methods in Chemistry, "A joint technology combining the advantages of capillary micro sampling with mass spectrometry and applied to the trans-resveratrol pharmacokinetic study in mice", Ms. Ref. No.: ID 5952436 2. Journal of Analytical Methods in Chemistry, "Comparative Snake Venom Analysis for Facilitating Wildlife Forensics: A pilot study", Ms. Ref. No.: ID 8644993

20. Awards / Prizes and recognitions received by teachers at university, state, national and international level:

Name of Faculty	Awards/Recognition received	Recognition Bodies
None		



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21. Awards and Prizes received by students at university, state, national and international level:

Curricular activities: NIL

S. No	Name of Student	Awards/Recognition received	Recognition Bodies

Co-curricular: NIL

S. No	Name of Student	Awards/Recognition received	Recognition Bodies

22. Details of Seminars/ Conferences/Workshops/FDP organized at state, national and international level and the source of funding with details: NIL

S.No	Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	State/National/ International	Dates
1	Life Sciences: Acceptance of New Normal	Self-Financed	250	International	27-28 August, 2021

23. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D. Lit: NIL

24. Subject-wise Results

UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BTZ	46	35		11	76.08
2	IMB	17	09		08	52.9
3	CBZ	30	10		20	33
4	PCM	13	07		06	53.8
TOTAL----->		106	61		45	215.78

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BTZ	50	47	3		94



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2	CBZ	43	38	5		89
3	IMB	25	25	0		100
4	PCM	38	37	1		98
TOTAL----->		156	147	9		95

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BTZ	54	54	Nil		100
2	CBZ	59	57	2		96.6
3	IMB	28	28	Nil		100
4	PCM	41	41	Nil		100
TOTAL----->		182	180	2	Nil	99.15

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Chemistry	16	16	Nil	Nil	100

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Chemistry	15	15	Nil	Nil	100

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Chemistry	23	23	Nil	Nil	100

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
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Chemistry	23	23	Nil	Nil	100
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25. Strategic Plan and its implementation (2021-22):

Under the banner of Star College Scheme

1. Practical and projects were conducted for UG.
2. Lectures by experts on some selected topics of interest were held.
3. Faculty improvement programme for college faculty and school teachers.
4. Training programme and industrial visits for bridging the gap between industry and academia.
5. Hands on training through certificate courses promoting skill development, entrepreneurship and Employability.

26. SWOC Analysis:

Strengths:

1. Experienced teachers with Ph.D.
2. Hands on experience for students through experiential learning.
3. Interdisciplinary teaching, learning, practical- project and research.
4. Delegation of work.
5. Focus on developing conducive work culture.

Weakness:

1. Less research and publication
2. Time Management
3. Lack of activities based on competitive Exams.
4. Less number of extension activities

Opportunities:

1. Recognized research Centre
2. Existing and new MOU's
3. Advancement in instrumentation facilities
4. Multiple growth opportunities for individual teachers.

Challenges:

1. Time Management for research, teaching, practical and other activities
2. Students perception
3. Decreasing number of admissions
4. Maintenance of good result
5. Placement of PG and UG students.

27. Future Plan:

1. Conduction of National Level Conference sponsored by DBT
2. Focus on interdisciplinary research projects
3. Promotion of experiential learning through a wide variety of activities for developing scientific temper and kindling the curiosity of students



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio:

No. of Teacher	No. of Students	Student Teacher Ratio
06	510	1:20

2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
Assistant Professor	06	06

3. Faculty profile with name, qualification, designation, experience, nature of appointment (confirmed/ probation/temporary):

Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
Dr. Anjali D'Souza	Assistant Professor	M.Sc., Ph.D.	33 years/ 18 years	Confirmed
Dr. Smarika Lawrance	Assistant Professor	B.Ed., M.Sc.,Ph.D.	17 years/ 15 years	Confirmed
Dr. Sutapa Roy	Assistant Professor	B.Ed. M.Sc.,Ph.D.	19 years/ 19 years	Confirmed
Dr. Shweta Likhitkar	Assistant Professor	B.Ed., M.Sc.,Ph.D.	13 years/ 14 years	Confirmed
Dr. Amita Chhatri	Assistant Professor	M.Sc., Ph.D.	10 years/ 15 years	Confirmed
Dr. Manju Gupta	Assistant Professor	B.Ed., M.Sc.,Ph.D.	19 years/ 21 years	Confirmed

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
05	01	-	-

5. Number of academic support staff (technical) and administrative staff sanctioned, Filled and Vacant:

Post	Sanctioned	Filled	Actual
Lab Technician	01	01	01
Lab Attendant	03	03	03

6. Student profile programme-wise at UG and PG:

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total



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UG	208	139	100	56	83	139
PG	26	19	30	3	16	19

7. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	75%	20%	5%	UG
PG	96%	--	4%	PG

8. Student progression/ placement record (UG/PG passed out students)

Programme	% proceeded for higher studies	% of students placed
UG	15%	
PG	0%	0%

9. Present details of departmental infrastructural & other facilities with regard to

- Central Library Books and Journals, etc., relevant to Department:** Books- 85 added (total books-4069), Journals- 03
- Online (books, journals etc.) Subscribed:** Through E- resources –INFLIBNET, DELNET, PDFCHEM. NET, The American Library and NDL
- Computers and Internet facilities for staff:** Computers- 01 / Laptops: 02 / Wi-Fi Facility
- Total number of class rooms:** 05
- Class rooms with ICT facility:** 05
- Students' laboratory:** 03
- Research laboratories:** 01
- Any other facility:**

10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
Rs. 25000/-	-	Thirteen thousand five hundred and sixty- four (Rs 13564/-)	Rs. 11,436/-

11. Laboratory Facilities

Items Procured- 2021-22

S. No	Name of Item	Configuration	Quantity
1.	Isopropyl alcohol	-	25 Litre
2.	Potassium sodium tartarate	-	1 Kg
3.	Sodium nitrite	-	1 Kg
4.	Antimony potassium tartarate	-	500 gms
5.	Benzaldehyde	-	500 ml
6.	pH strip	-	1 packet
7.	Naphthalene	-	500 gms



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Declaration by the Head of the Department

The above information provided by the department is correct to the best of my knowledge.

Head of the Deptt. of Chemistry
St. Aloysius' College,
JABALPUR.

Signature

Date:

Name: Dr. Smarika Lawrence



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ACADEMIC AUDIT

1. **Name of the Department:** Commerce

2. **Year of establishment:** 2003

3. **Curricular Aspects:**

a. **Does the department offer program with sufficient no. of elective options:**

Program	Semester / year	Electives
B.Com.	I Year	Applied Economics, Business Maths Computer Application
B.Com.	II Year	Applied Economics- Paper I, Paper II Tax Procedure & Practice- Paper I, Paper II Computer Application- Paper I, Paper II
B.Com.	III Year	Applied Economics- Paper I, Paper II Tax Procedure & Practice- Paper I, Paper II Computer Application- Paper I, Paper II
M.Com.	I Sem.	Finance 1. Financial Management 2. Financial Institutions and Markets Marketing 1. Marketing Management 2. Advertising and Sales Management
M. Com.	II Sem.	Finance 1. Investment Management 2. Project Planning & Management Marketing 1. Consumer Behaviour 2. Strategic Marketing
M.Com.	III Sem.	Finance 1. Portfolio Management Marketing 1. Service Marketing Management Open Elective 1. Citizen and Civic Awareness 2. Human Resource Management 3. Web Designing and Networking 4. Fundamentals of Communication
M.Com.	IV Sem.	Finance 1. International Financial Management Marketing 1. International Marketing. Open Elective 1. Human Rights



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		2. Human Resource Development 3. Management Information System and E- Commerce 4. Trends and Techniques of Effective Communication
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b. Course having focus on employability / entrepreneurship / skill development

Program	Year /sem	Course	Activity
M.Com.	I Sem.	Skill Development	Computer Awareness
M.Com.	II Sem.	Skill Development	Spoken English
M.Com.	III Sem.	Skill Development	Personal Personnel Productivity Program
M.Com.	IV Sem.	Skill Development	Personality Development
Add on Course	Open for All	Tally with GST	Internship in GST Tally
Add on Course	Open for All	Income tax Return Filling & Filing	Online ITR
Add on Course	Open for All	GST Return Filling & Filing	Online ITR
Add on Course	Open for All	CPBFI	HR Workshop
Add on Course	Open for All	USCMA	Participated and won International Case study competition
Vocational Courses	B.Com. I Year	Accounting & Tally	Practical classes conducted
	B.Com. I Year	E Accounting & Taxation with GST	ITR form Filling & Filing
	B.Com. I Year	Financial service & Insurance	Guest Lecture

c. While framing curriculum, is feed-back taken from stakeholders viz.

Students, Alumni, Parents, Employers; brief the analytical report : Yes

d. Number of teachers preparing & following Academic Teaching plan: 20

e. Do you offer Bridge/Remedial courses? If yes, Give details. Yes

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
B.com I Year	Hons.	Branch Account	Dr. Tarvinder Kaur	27
B.com I Year	App. Eco.	Economics	Dr. Komal Rawat	24
B.com I Year	Hons.	Economics	Dr. Komal Rawat	21
B.com I Year	Tax	Introduction of Account & Double Entry System	Dr. Yogesh Ashar	33
B.com I Year	App. Eco.	Accounting Concepts & Convention	Dr. Sanjay Rajak	35
B.Com. I Year	App. Eco.	Accounting concepts	Dr. Sarita Goel	31
B.Com. I Year	Tax & Computer	Accounting concepts	Dr. Sonali Jain	30



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Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
B.com	I Year	Tax	Income Tax	Dr. Dilip Koshta	15
B.com	I Year	Tax	Business Regulatory Framework	Dr. Ashu Jain	25
B.com	I Year	Tax	Business Organization Communication	Dr. Hephzibah John	19
B.com	I Year	App. Eco.	Macro Economics	Dr. Komal Rawat	15
B.com	I Year	Tax	Business Law	Dr. Pooja Gupta	20
B.com	I Year	Tax	Cost A/c	Dr. Kudshiya Raza	16
B.com	I Year	App. Eco.	Business Maths	Dr. Surbhi Jain	20
B.com	I Year	App. Eco.	Management Economics	Dr. Rupali Ahluwalia	19
B.com	I Year	Tax	Financial Accounts	Dr. Sonali Jain	18
B.com	I Year	App. Eco.	Branch A/c	Dr. Tarvinder Kaur	18
B.com	I Year	Tax	Business Maths	Dr. Yogesh Ashar	19
B.com	II Year	Tax	Income Tax	Dr. Dilip Koshta	15
B.com	II Year	Tax	GST	Dr. Hephzibah John	19
B.com	III Year	Tax	Auditing	Dr. Pooja Gupta	20
B.com	II Year	Tax	Cost A/c	Dr. Kudshiya Raza	16
B.com	III Year	Tax	Auditing	Dr. Pooja Gupta	12
B.com	III Year	Tax	Management A/c	Dr. Kudshiya Raza	11
B.com	II Year	Tax	Corporate A/c	Dr. Sonal Rai	38
B.com	II Year	App. Eco.	Corporate A/c	Dr. Sanjay Rajak	42
B.com	I Year	Tax	Income Tax	Dr. Dilip Koshta	15
B.com	I Year	Tax	Business Organization Communication	Dr. Ashu Jain	18
B.com	I Year	Tax	GST	Dr. Hephzibah John	19
B.com	I Year	App. Eco.	Macro Economics	Dr. Komal Rawat	15
B.com	I Year	Tax	Business Law	Dr. Pooja Gupta	20
B.com	III Year	Tax	Management A/c	Dr. Kudshiya Raza	11
B.com	II Year	Tax	Corporate A/c	Dr. Sonal Rai	38
B.com	II Year	App. Eco.	Corporate A/c	Dr. Sanjay Rajak	42

f. What is the method for conducting internal evaluation?

Due to Covid 19, there were online classes so that online internal evaluation took place till January 2021. For teaching and evaluation various virtual modes were adopted like unit wise E- tests E-Assignments, PPT Presentations and Unit wise Class tests were conducted whereas for 3rd year various modes of internals like E-Case studies, E-presentation etc. were adopted for quarterly exams. After January offline classes were started where written assignments, tests, Case study presentations and notes completion were the modes for internal evaluation adopted by the teachers.

g. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.: Special Lectures:



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Title of Programme (Guest Lecture /Seminar/Workshop)	Expert Person	Date	Number of Participants
USCMA	1. Ms. Pallavi Parekh, 2. Mr Abhijeet Banarjee 3. Mr. Varun Jain	Weekly Tuesday, Thursday & Saturday	48
Bajaj Finserv	Orientation on Career Prospects in Banking and Finance - Mr Sushant Parekh	8 th Nov.- 17 th Dec. 21	73

h. Teaching and learning reforms: Preparation of Question banks by all subject teachers, Recording of Video lectures for MP Higher Education.

i. Internal Assessment reforms: E-Assignments, Case Studies, E-Quiz based upon Google forms, Business Case studies, question papers, case study, project topics, Internship topics and field survey project preparation.

4. Number of teaching posts sanctioned, filled and vacant:

Number of Teachers	Sanctioned	Filled
22	22	22

5. Participation of the department in the curriculum development for courses offered by the Universities or any Autonomous colleges (BoS Member).

Name of the teachers	Participation in Curriculum Development in University / College
Dr. Sonal Rai	Member, B.O.S. RDVV
Dr. Rupali Ahluwalia	Member, B.O.S. RDVV
Dr. Ashu Jain	Member, B.O.S. M.K.B.
Dr. Sonali B. Jain	Member, B.O.S. Maharshi University

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
US CMA	Miles education & IMA	Projects
Bajaj finserv	Bajaj	Pre & Post assessment

7. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify:

Programme	Examination System
B.Com.	Annual
M.Com.	Semester & CBCS



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8. Information about research grants, projects completed and ongoing from National funding agencies (like UGC, DST)

S. No	Name of the Principal Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
-	-	-	-	-	-

9. Research Publications

Name of Teacher	Papers published in peer reviewed journals
Nidhi Khurana	International Journal of All Research Writings

10. Number of publications

Papers published in peer reviewed journals	SCOPUS, Web of Science Indexing Papers	Citations	h-index	Impact factor range/Average Impact factor
12				6.16

11. Chapter in Books

Author Name	Name of Book
Dr. Preeti Jain	"An Analytical Study of Consumer Behaviour Towards Online Shopping in Jabalpur City" E-Business Issues, Problems and Prospects Jabn. 2021 ISBN- 978-8194-397007
Dr. Tarvinder Kaur Kainth	"E-Business and Consumer Satisfaction" E-Business Issues, Problems and Prospects Jabn. 2021 ISBN- 978-8194-397007
Dr. Rupali Ahluwalia,	"Role of E- Commerce in the Growth of Small and Medium Scale Enterprises" E-Business Issues, Problems and Prospects ISBN- 2021 ISBN- 978-8194-397007
Dr. Ashu Jain,	Consequences of COVID19 on Business and Entrepreneurship: a case study of Jabalpur District of M.P., India New Normal and Covid-19, Impact on Education, Economic, Business Strategies, and management of the Supply Indra Bahadur Khare ki Rachnaao mein mulya bodh 978-93:89399:64:6

12. Edited Books

Author Name	Book Titled



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13. Self-Authored Book

Author Name	Book Titled

14. Details of patents filed & granted and revenue income generated.

Name of the Teacher	Date of Applied/Sanctioned	Topic	Revenue generated

15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated

16. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

S. No	Name of the teacher	Programme
1.	Dr. Rupali Ahluwalia	FDP, UGC, HRDC Sagar
2.	Dr. Tarvinder Kaur	FDP, UGC, HRDC Sagar
3.	Dr. Ashu Jain	National Seminar on Stress Management by Shri Kumarswamy College, UGC, HRDC Sagar
4.	Dr. Pooja Gupta	National Seminar on communication skills for teachers by Shri Kumarswamy College
5.	Dr. Kudshiya Raza	National Seminar on education for social change by Shri Kumarswamy College
6.	Dr. Sonali Jain	National Seminar on Tax Filling & Filing by Shri Kumarswamy College
7.	Ms. Nidhi Rajak	National Seminar on Stress Management by Shri Kumarswamy College
8.	Dr. Komal Rawat	FDP, UGC, HRDC Sagar3



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17. Number of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

Activity (please mention the number only)	National	International
Refresher	-	-
Orientation	-	-
Seminar/Conference	44/11	21/10
Workshop/FDP/Training Programme	11/43/09	00/06/00
Paper presentation	03	-

18. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (other than BoS)

S.No.	Name of the Faculty	Members of committees
1.	Dr. Ashu Jain	Life Member, Dhruva Academy of Research International and Educational Institution
2.	Dr. Ashu Jain	Life Member, Indian Accounting Association
3.	Mr. Harbaksh Moolchandani	Life Member, Indian Accounting Association
4.	Dr. Kudshiya Raza	Life Member, Indian Accounting Association
5.	Dr. Preeti Jain	Life Member, Indian Accounting Association
6.	Dr. Sonali Jain	Life Member, Indian Association of Economics
7.	Dr. Sonali Jain	Life Member, Indian Commerce Association

19. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels.

Name of Faculty	Recognition received	Professional bodies and agencies National and International
Dr. Rupali Ahluwalia	Reviewer	Research in Management and Accounting (RIMA) Faculty of Business Catholic University, Indonesia
Dr. Ashu Jain	Editorial Board Member	VSRD International Journal
Dr. Ashu Jain	Editorial Consultant	Manjeera Journal for Research in Social Science
Dr. Nidhi Khurana	Member of Reviewer Board	International Journal of Commerce and Management Studies- ISSN- 2456-3684.

20. Awards / Prizes and recognitions received by teachers at university, state, national and international level:

Name of Faculty	Awards/Recognition received	Recognition Bodies



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21. Awards and Prizes received by students at university, state, national and international level:

Curricular activities:

S. No	Name of Student	Awards/Recognition received	Recognition Bodies
1.	Pratham Naidu	Case Study Competition Winner	Madras Christian College
2.	Alfia Anjum		

Co-curricular:

S. No	Name of Student	Awards/Recognition received	Recognition Bodies

22. Details of Seminars/ Conferences/Workshops/FDP organized at state, national and international level and the source of funding with details:

S. No	Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	State/National/ International	Dates

23. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D. Lit: NIL

24. Subject-wise Results

UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Major	929	877	52	0	94.4
2	Major	929	912	17	0	98.2
3	Minor	929	913	16	0	98.8
4	Business Maths	298	267	31	12	89.6
5	Applied Economics	309	270	33	6	89.1
	Data Processing	290	287	3	2	98.9
6	NCC	32	32	0	0	100
TOTAL----->		929	856	67	20	



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UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Applied Economics	335	287	37	11	85.67
2	Tax	293	240	38	15	89.9
3	Computer	243	219	07	09	95
TOTAL----->		871	746	82	35	

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Applied	273	263	7	3	96
2	Tax	256	245	4	7	95.7
3	Computer	227	220	5	2	96.9
TOTAL----->		756	728	16	12	

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Commerce	56	56	-	-	100%

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.Com	54	53	1	NIL	99%

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Commerce	56	56	Nil	Nil	100%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.Com	46	46	NIL	NIL	100%



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Strategic Plan and its implementation (2021-22):

STRATEGIC PLAN

I. Curricular Aspects

- Improve the enrolment of students in certificate courses – Have 100% of the students enrol in at least one certificate course.
- Introduce project-based learning for all programmes
- Introduce job-oriented value-added courses.
- Make one of the B. Com sections to a professional section by adding CMA (or similar).
- Offer different vertical choice of electives in line with NEP

II. Teaching-learning and Evaluation

- Raise the percentage of PhD holders in teaching staff to 100% by 2023,
- Ensure 100% of coverage of syllabus e-resources on college LMS
- Initiate Leadership & Life Skills course to meet global norms for Life Skills training.
- Include additional hours spent by teachers on slow learners into the modified API framework.
- Create a systematic approach to assessing attainment of learning outcomes as stated in POs, PSOs, and Cos.
- Introduce auxiliary training like coaching for IELTS/TOEFL/ Banking/ Competitive exam etc.

III. Research, Innovations and Extension

- Scopus-listed publications should grow
- Student co-authored publications to be increased.
- Colloquia sessions to have increased focus on research.
- At least one book per year to be published by the Department .
- Entrepreneurship Development to be focused on.
- Community Service to be institutionalised.
- National conferences to be organised by 2024.
- Consultancy through revenue-sharing mechanism to be encouraged.
- Increase the number of functional MoUs.

IV. Infrastructure and Learning Resources

- Augment digital content and make online content available round the clock.
- Increase energy efficiency and renewable energy utilization.



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V. Student Support and Progression

- Strengthen career guidance and placement activities by forming a corporate relations team.
- Progression data of departmental Alumni
- Provide guidance and training for higher education in premier institutions within India and abroad.
- Civil Service and Competitive Examination coaching to be expanded including guest resources.
- Alumni Lecture Series to be institutionalized.
- Alumni Recognition Schemes to be introduced.

VI. Governance, Leadership, and Management

- Conduct of academic and administrative audit to be strengthened and coverage to be increased.
- Elective Coordinators to be delegated as in-charge of UG programmes, creating a new level of leadership.
- Leadership training to be institutionalized.

VII. Institutional Values and Best Practices

- Departments to initiate activities that celebrate of the UN SDG Goals
- Focus on empowerment of staff and students.
- E-Resource creation in collaboration with students to be attempted.
- International Days to be identified and celebrated in alignment with institutional and departmental priorities.

SWOC Analysis:

STRENGTH

1. The Department is having 20 members out of which 17 are PhD holders, 1 is net qualified and 2 are registered for PhD.
2. Huge demand for the Commerce and Add on courses offered by the department more than any other faculty.
3. The Department is involved in linkages with Industries and outside institutes to bridge the gap between academia and industry.
4. Different vertical choices are offered to students as per NEP.
5. Add-on courses / certificate courses
6. The Department is focused towards excelling the skills and capacity in international and national levels.
7. The dropout rate is very less as compared to other streams and faculties.
8. During pandemic, to ease in learning, the Department had recorded and uploaded more than 800 lectures on college website.



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9. The Department boasted cutting-edge equipment and technology in the classrooms for instruction and maintained departmental library for under privileged students.
10. Mentoring and guiding students for further career opportunities.

WEAKNESS

1. Less research and publication on International and Scopus indexed journals.
2. Opportunities of campus placements are less.
3. The Department is not having much Alumni contribution.
4. Declining enrollment due to changing demographics, increased competition and some programs that lack clear career alignment
5. Lower than expected student success outcomes, including student learning, retention and completion
6. Lack of a brand and strategic marketing and communications strategy

OPPORTUNITIES

1. To apply for more research grants for projects/ seminars.
2. To involve in research papers on international platforms.
3. Scope for providing research and post-doctoral studies.
4. To offer more subjects in the coming years for Commerce students.
5. To conduct international exchange programs for students and faculty members.
6. To prepare more online lectures as per the requirement of the students.
7. Online/ hybrid courses can be offered to the students on different area.

CHALLENGES

1. Income generation from Consultancy to Corporate
2. The competition from other institutions which have more diversified programmes and resources for students.
3. To make the students industry ready.
4. To develop self & social awareness among students.
5. To promote reading and learning habits in stakeholders.

25. Future Plan:

Short Term Plan (12 Months)

1. To establish Research Center of Commerce.
2. MOU with Nile University of Nigeria.
3. Industrial MoUs for students internship and project as per NEP.
4. Faculty Development Program on Academic Leadership.
5. International Seminar on Sustainable and winning Business Practices in VUCA World.
6. Student Workshop on Financial Literacy.
7. Panel Discussion on 'Annual Budget'.



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Mid Term Plan (1-3 Years)

1. Publication of Scopus indexed and Web of Science Papers.
2. Publication of Edited Books.
3. Establishment of MSME HI/BI unit
4. More faculty members to be approved as research supervisors.
5. Starting professional Add-on Courses.
6. Support system for preparation of competitive exams for students.

Long Term Plan (1-5 Years)

1. Starting more electives in B.Com. Program.
2. Publication of subject related text books by faculty
3. Approval of Major Research Projects.



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio:

No. of Teachers	No. of Students	Student Teacher Ratio
27	2706	1:45

2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
Assistant professor	22	22

3. Faculty profile with name, qualification, designation, experience, nature of Appointment (confirmed/ probation/temporary):

Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
Dr. Sonal Rai	Dean	M.Com., PhD	20	Confirmed
Dr. Rupali Ahluwalia	Head	M.Com., PhD	18	Confirmed
Dr. Tarvinder Kaur	Coordinator	M.Com., PhD	17	Confirmed
Dr. Ashu Jain	Coordinator	M.Com., M.B.A., PhD	14	Confirmed
Dr. Preeti Jain	Assistant professor	M.Com., NET, PhD	16	Confirmed
Dr. Sanjay Rajak	Assistant professor	M.Com., PhD	16	Confirmed
Dr. Hephzibah John	Assistant professor	M.Com., M.ED, PhD	13	Confirmed
Dr. Sunil Tiwari	Assistant professor	M.Com., PhD	15	Confirmed
Dr. Dileep Koshta	Assistant Professor	M.Com., SLET, PhD	11	Confirmed
Dr. Pooja Gupta	Assistant Professor	M.B.A., M.Com., PhD	12	Confirmed
Dr. Yogesh Ashar	Assistant professor	M.Com., PhD	10	Confirmed
Dr. Kudshiya Raza	Assistant professor	M.Com., PhD	10	Confirmed
Mr. Harbaksh M.	Assistant professor	M.Com., ICWA	15	Confirmed
Dr. Meenakshi Swamy	Assistant professor	M.Com., B.Ed., Ph.D.	9	Confirmed
Dr. Nidhi Khurana	Assistant professor	M.Com., MBA, PhD,	8	Confirmed
Dr. Komal Rawat	Assistant professor	M.Com., M.A., NET, Ph.D.	11	Confirmed



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Dr. Sonali B. Jain	Assistant professor	M.Com., MBA, PhD, DIM	16	Confirmed
Dr. Sarita Goel	Assistant professor	M.Com., B.Ed., PGDCA, Ph.D.	12	Confirmed
Dr. Surbhi Jain	Assistant professor	M.Com, Ph.D.	6	Confirmed
Ms. Nidhi Rajak	Assistant professor	M.Com, NET	01	Confirmed
Dr. Anupriya Shrivastava	Assistant professor	M.Com, Ph.D.	6	Confirmed
Ms. Riya Agrawal	Assistant professor	M.Com, NET JRF	01	Confirmed

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
20	00	02	00

5. Number of academic support staff (technical) and administrative staff sanctioned, Filled and Vacant:

Post	Sanctioned	Filled	Actual

6. Student profile programme-wise at UG and PG:

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
UG	1334	1002	1100	549	453	1002
PG	71	60	75	17	43	60

7. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	99.5	0.5	-	-
PG	98	2	-	-

8. Student progression/ placement record (UG/PG passed out students)

Programme	% proceeded for higher studies	% of students placed
B.Com.	70%	5%
M.Com.	-	10%



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9. Present details of departmental infrastructural & other facilities with regard to

- Central Library Books and Journals, etc., relevant to Department:** (total- 17233) for this year 543
- Online (books, journals etc.) Subscribed** - Through E-resources
- Computers and Internet facilities for staff** - yes
- Total number of class rooms** - 26
- Class rooms with ICT facility** -26
- Students' laboratory-**
- Research laboratories -**
- Any other facility-**

10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
Meeting Expenses	5000/-	-	5000/-
Practical Examination Exp.	-	3500/-	3500/-
Stationary Exp.	-	1500/-	1500/-
Payment to Resource Person (Seminar/ Workshop)	5000/-		5000/-
Resource person Payment (Certificate)	15000/-		15000/-
Payment to Coordinators of Certificate Course	6000/-		6000/-

11. Laboratory Facilities

Items Procured- 2021-22

S. No	Name of Item	Configuration	Quantity



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Declaration by the Head of the Department

The above information provided by the department is correct to the best of my knowledge.

Head

Dept of Commerce
St. Aloysius' College
Jabalpur

Signature

Name: Dr. Rupali Ahluwalia

Date:



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ACADEMIC AUDIT

1. **Name of the Department:** Economics

2. **Year of establishment:** 1951

3. **Curricular Aspects**

a. **Does the department offer program with sufficient no. of elective options:**

Program	Semester / year	Electives
MA	BA I Year II Major/Minor/Electives Vocational Course	1. Indian Economy 2. Export Import Management
	M. A. III Sem Agricultural Economics Rural Development	1. Environmental Economics (Dept. of Economics) 2. Marketing Management (Dept. of Commerce) 3. Political Economy of India (Dept. of Political Science) 4. Fundamental of Communication (Dept. of English) 5. Fundamental of Computer and PC Software (Dept. of Computer science)
	IV Sem.	1. Financial Institutions and Markets 2. Labour Economics 3. Economics of Gender and Development (Dept. of Economics) 4. International Marketing (Dept. of Commerce) 5. Human Rights (Dept. of Political Science) 6. Trends and Techniques of Effective Communication (Dept. of English) 7. Accounting and Financial Management (Dept. of Computer Science)

b. **Course having focus on employability / entrepreneurship / skill development**

Program	Year /sem	Course	Activity
BA	I Year (Major)	Micro Economics	Field work/Internship/Community Services
BA/BBA/BSc. BCom	I Year	Vocational Course on "Export Import Management"	Field Work
MA	II Semester	Statistical Inferences and Research Methodology	Field Work/Field Survey
MA	IV Semester	•Rural Development •Economics of Gender and Development	Project Work/Internship



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- c. While framing curriculum, is feed-back taken from stakeholders viz.: Yes**
Students, Alumni, Parents, Employers; brief the analytical report.

Students:

1. It was discussed and analyzed.
2. Adopted corrective measures

Alumni:

1. Review and follow-up action is taken
2. Stakeholders suggested updating the syllabus and adding currently relevant topics

Parents & Employers:

1. It was suggested in the feedback that some more practical aspects of various papers should be included.
2. Incorporated changes in the curriculum at the Board of studies.

- d. Number of teachers preparing & following Academic Teaching plan: 05**

- e. Do you offer Bridge/Remedial courses? If yes, Give details.: Yes**

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
Arts Science	BA I Year	Economics Paper I (Major)	Dr. Elena Philip	27
	BA/BSC I	Economics Paper II (Major/Minor/Electives)	Dr. Reeta Chouhan	102

Remedial Course

Program	Year / Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
Arts Science	I Yr.	BA I Year (Major/Minor/Elective)	Economics	Dr. Reeta Chouhan	38
	II Yr.	BA/BSC II	Economics	Dr. Anthonima K. Robin	33
	III Yr.	BA/BSC III	Economics	Dr. Renu Markande	41

- f. What is the method for conducting internal evaluation?**

Writing and Publication of Research Paper, Online Tutorial, Tests, Power Point Presentation, Publication of News Letter, etc.

- g. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.: Special Lectures:**



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Title of Programme (Guest Lecture /Seminar/Workshop)	Expert Person	Date	Number of Participants
Orientation Program	Mr. Snehil Namdeo	16 November, 2021	31
One Week National Workshop on SPSS	Prof. Jai Anand Shukla	9 th March to 15 th March 2022	52

h. Teaching and learning reforms: Considering the diversity of students the department provided quality teaching and learning through multiple methods like PowerPoint Presentation, Group Discussion Method, Exploratory Learning (Field Survey/ Internship/Community Services), Inductive-Deductive methods, Team Teaching, Tutorial Method, Writing of research paper and presentation, Annual Budget analysis. The extra time was also provided to the students to clear their doubts regarding the contemporary issues which are not included in the syllabus.

i. Internal Assessment reforms: Class tests, assignments, Projects, Field Survey, Internship, Community Services, Tutorial, Editorial and Research Paper Review, Writing and Publication of Research Paper, Poster Presentation etc.

4. Number of teaching posts sanctioned, filled and vacant:

Number of Teachers	Sanctioned	Filled
05	05	05

5. Participation of the department in the curriculum development for courses offered by the Universities or any Autonomous colleges (BoS Member).

Name of the teachers	Participation in Curriculum Development
Dr. Elena Philip	Member of Board of Studies, Department of Post Graduate and Research in Economics, RDVV, Jabalpur, M.P.
Dr. Recta Chouhan	1. Member of Board of Studies, Department of Post Graduate and Research in Economics, RDVV, Jabalpur, M.P. 2. Member of Board of Studies in Maharishi University Jabalpur, M.P
Dr. Renu Markande	Member of Board of Studies, Department of Post Graduate and Research in Economics, Mahakaushal College of Arts and Commerce, Jabalpur, M.P.

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
B.A	1. Hope Faith Youth, Samridhi Mitra 2. Kadam Institute	Project Work/Internship/Community Services



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7. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify:

Programme	Examination System
UG (BA I Year)	CBCS
PG (MA Economics)	CBCS

8. Information about research grants, projects completed and ongoing from National funding agencies (like UGC, DST)

S. No	Name of the Principle Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
1	Dr. Reeta Chouhan	"Role of Rural Livelihood Diversification To Reduce Farm Distress: A Case Study Of Madhya Pradesh"	ICSSR	Rs. 6,90,000 /-	Ongoing

9. Research Publications

Name of Teacher	Papers published in peer reviewed journals
Dr. Reeta Chouhan	Research Paper published entitled "Inclusive Growth and Tribal Women", Published in "VARTA" double blind peer review journal of the BHARTIYA ARTHIK SHODH SANSTHAN, ISSN: 0970-9177, Vol. XLII, No.1, April, 2021.
Dr. Anthonima K. Robin	Research Paper published entitled "Ghandhian Perspective of Agriculture Growth and Rural Development in India: Issues and Challenges", in International Journal of Research and Analytical Reviews (IJRAR), E-ISSN: 2348-1269, P-ISSN: 2349-5138, Volume 9, Issue 2, May 2022.
Dr. Renu Markande	

10. Number of publications

Papers published in peer reviewed journals	SCOPUS, Web of Science Indexing Papers	Citations	h-index	Impact factor range/Average Impact factor
3				7.17



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11. Chapter in Books

Author Name	Name of Book
Dr. Elena Philip	Published in the Book "Igniting Mind Power to Master Skills that Drive Performance", titled "Role of E-resources and mind mastering strategy in education in India: Prospects and Challenges". Shree Vinayak Publication, Agra, Issue 1, ISBN: 978-93-91267-24-07-0, Page No. 95-100, 2021.
Dr. Reeta Chouhan	1. "Privatization of Public Sector Enterprises: Implications on Indian Economy" in 'The Future of Indian Economy: Challenges and Opportunities', (Edited by Dr. Narendra Shukla), ISBN: SKU 978-93-94424-16-6, ABS Books Publication, 2022. 2. "Labour Rights of Migrant Labours in India: An Overview" in 'Migrant Labour: Issues and Challenges', (Edited by Dr. Fr. Valan Arasu and Dr. Elena Philip), ISBN: 978-93-92367-33-9, Shree Vinayak Publication, Agra, 2022.
Dr. Anthonima K. Robin	1. Published in the Book "Role of E-Resources and Mind Mastering Strategies in Education", titled "Role of E-resources and mind mastering strategy in education in India: Prospects and Challenges". Shree Vinayak Publication, Agra, Issue 1, ISBN: 978-93-91267-24-07-0, Page No. 95-100, 2021. 2. Published in the Book "Migrant Labour", titled "Impact of Global COVID-19 Pandemic on Migration of Labour in Madhya Pradesh: An Overview". Shree Vinayak Publication, Agra, Issue 1, ISBN: 978-93-91267-24-07-0, Page No. 96-101, 2021.
Dr. Renu Markande	1. Published research article "Impact of Global COVID-19 Pandemic on Migration of Labour in Madhyapradesh: An Overview" in the Migrant Labour Issues And Challenges" ISBN-.978-93-91267-33-9, Pg. No.96-101, 2022 2. Published research article "Role of E-Resource for Students in Present Covid-19 Situation:: An Overview" in the "Role of E-Resources and Mind Mastering Strategies in Education " ISBN-.978-93-91267-24-7, Pg. No.100-104, 2021.

12. Edited Books:

Author Name	Book Titled
Dr. Fr. J. G. Vazhan Arasu	1. Book titled "Role of E-Resources and Mind Mastering Strategies in Education", Published by Shree Vinayak Publications, Agra, 2021.
Dr. Fr. J. G. Vazhan Arasu & Dr. Elena Philip	2. Book titled " <i>Migrant Labour: Issues and Challenges</i> ", Published by Shree Vinayak Publications, Agra, 2021.

13. Self-Authored Book

Author Name	Book Titled
NIL	



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14. Details of patents filed & granted and revenue income generated.

Name of the Teacher	Date of Applied/Sanctioned	Topic	Revenue generated
NIL			

15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated
1	Dr. Fr. J. G. Vazhan Arasu	<ul style="list-style-type: none">Atal Bihari Vajpayee Vishwavidyalaya, Bilaspur (C.G.)Govt. Autonomous PG College, Chhindwara, (M.P.)Condavaru Kandaswami Naidu College for Men, Chennai on 12th November, 2021Govt. Mahakaushal Arts and Commerce Autonomous College, Jabalpur, (M.P.) on 22nd January, 2022.Geetanjali College, Bhopal	10,000/-
2	Dr. Elena Philip	<ul style="list-style-type: none">Christian Workers' Movement, ChennaiGovt. College, Lanji, (M.P.)Govt. College Khairlanji, Balaghat (M.P.)	10000/-
3	Dr. Reeta Chouhan	<ul style="list-style-type: none">Christian Workers' Movement, ChennaiGovt. College, Lanji, (M.P.)Govt. College Khairlanji, Balaghat (M.P.)Human Resource Development centre, UGC Doctor Harisingh Gour Vishwavidhyalay, Sagar.IOT Academy, Tamil Nadu, India.	13000/-

16. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

S. No	Name of the teacher	Programme
		<ol style="list-style-type: none">Delivered a talk on three days NAAC Awareness Workshop on "Research Consultancy and Extension" organized by Atal Bihari Vajpayee Vishwavidyalaya, Bilaspur (C.G.) from 27th July to 29th July 2021,Delivered a talk in the National Webinar on "Swashashi Mahavidhyalayo Mein NAAC Mulyankan ki Taiyari" organized by Govt. Autonomous PG



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1	Dr. Fr. J. G. Vazhan Arasu	<p>College, Chhindwara, (M.P.) on 28th September, 2021,</p> <p>3. Delivered a talk in the National Webinar on “National Education Policy-2020 and Higher Education: Features and Challenges” organised by Condavaru Kandaswami Naidu College for Men, Chennai on 12th November, 2021 and</p> <p>4. Delivered a talk in the National Webinar on “12th National Voter’s Day” organized by Govt. Mahakaushal Arts and Commerce Autonomous College, Jabalpur, (M.P.) on 22nd January, 2022.</p> <p>5. Delivered a Talk in Govt. College, Lanji on 4th March 2022 and Govt. College Khairlanji, Balaghat (M.P.) on 5th March 2022.</p>
2	Dr. Elena Philip	<p>1. Delivered a Talk in National Seminar organised by Christian Workers’ Movement, Chennai in St. Ignatius of Loyala Church, Jabalpur on 11th December, 2021.</p> <p>2. Delivered a Talk in Govt. College, Lanji on 4th March 2022 and Govt. College Khairlanji, Balaghat (M.P.) on 5th March 2022.</p>
3	Dr. Reeta Chouhan	<p>1. Delivered a Talk in National Seminar organised by Christian Workers’ Movement, Chennai in St. Ignatius of Loyala Church, Jabalpur on 11th December, 2021.</p> <p>2. Delivered a lecture on “Revised Assessment and Accreditation Process: Criterion I, II, III & IV” in Govt. College Lanji, Balaghat (M.P) under Paramarsh Scheme of UGC on 4th March, 2022.</p> <p>3. Delivered a lecture on “Post SSR Preparation for NAAC” in Govt. College Khairlanji, Balaghat (M.P) on under Paramarsh Scheme of UGC 5th March, 2022.</p> <p>4. Delivered a lecture on “Reflective Teaching” Organised by Human Resource Development centre, UGC Doctor Harisingh Gour Vishwavidhyalay, Sagar from 21st June to 4th July 2022.</p> <p>5. Delivered a lecture on “NAAC Assessment & Accreditation” on 21st to 28th 2022, organized by IOT Academy, Tamil Nadu, India</p>

17. Number of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

Activity (please mention the number only)	National	International
Refresher	<p>1. Attended Online Refresher course on Economics Policy Organized by UGC Human Research Development Centre Rani Durgawati University Jabalpur Madhya Pradesh From 23/8/2021 -04/9/2021.</p> <p>2. Attended Online Short Term Course on “Gender Sansitization” by UGC Human Research Development Centre Rani Durgawati University Jabalpur Madhya Pradesh From 20/12/2021 -25/12/2021.</p>	
Orientation		
Seminar/Conference		
	1. Attended National Level Workshop on “How	Attended 08 weeks online course



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Workshop/FDP/Training Programme	<p>to be a Better Educator” organized by B.Com (Accounting & Finance) & Internal Quality Assurance Cell (IQAC), Shri Krishnaswamy College for Women from 26th July – 30th July, 2021.</p> <p>2. Attended two days faculty enrichment programme on “Towards Enhanced Digitalization: Mentoring the Mentors” organised by the Department of Management and IQAC, St. Aloysius College (Autonomous), Jabalpur on 3rd & 4th December, 2021.</p> <p>3. Attended One Week Workshop on “Research Methodology and Application of SPSS for Data Analysis” organized by Department of Economics St. Aloysius College (Autonomous) Jabalpur on 9th March to 15th March 2022.</p>	“Harvard BOK Higher Education Teaching Certificate” organized by Harvard University.
Paper presentation	Presented Papers in an Online National Conference on “New Education Policy 2020: Socio Economic & Political Implications” organized by IQAC & Department of Economics, St. Aloysius College (Autonomous), Jabalpur, M.P. 30 th – 31 st July 2021.	

18. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (other than BoS)

S. No.	Name of the Faculty	Members of committees
1	Dr. Fr. J. G. Vazhan Arasu	1. Member XAVIER Board 2. Vice-President, AIACHE 3. Member in MP Higher Education, Bhopal
2	Dr. Elena Philip	Member of MPEA
3	Dr. Reeta Chouhan	

19. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels.

Name of Faculty	Recognition received	Professional bodies and agencies National and International
Dr. Elena Philip	Member of Editorial Board	Journal of Humanities, BSSS College, Bhopal

20. Awards / Prizes and recognitions received by teachers at university, state, national and international level:

Name of Faculty	Awards/Recognition received	Recognition Bodies
NIL		



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21. Awards and Prizes received by students at university, state, national and international level:

Curricular activities:

S. No	Name of Student	Awards/Recognition received	Recognition Bodies
NIL			

Co-curricular:

S. No	Name of Student	Awards/Recognition received	Recognition Bodies
NIL			

22. Details of Seminars/ Conferences/Workshops/FDP organized at state, national and international level and the source of funding with details:

S. No	Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	State/National/ International	Dates
1	National Conference on "New Education Policy 2020:Socio-Economic & Political Implications"	ICSSR	335	National	30 th & 31 st July 2021

23. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D. Lit: NIL

24. Subject-wise Results

UG First year

S.NO	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BA I Major/Minor/Elective)Economics	143	128	----	15	88.88%
2	BSC I (Elective)Economics	11	11	----	----	100%
TOTAL----->						



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UG Second year

S.NO	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BA II Economics	133	129	02	02	97%
2	BSC II Economics	22	17	03	----	77.27%
TOTAL----->						

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BA III Economics	135	135	----	----	100%
2	BSC III Economics	45	45	----	----	100%
TOTAL----->						

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Economics	28	28	--	--	100%

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Economics	22	22	--	--	100%

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Economics	26	26	--	--	100%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Economics	24	24	--	--	100%



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25. Strategic Plan and its implementation (2021-22):

S. No.	Month /Date	Activities
1	10 th July 2021	BOS Meeting
2	1 st week of Academic Session	Bridge Class
3	13 th - 15 th September, 2021	Workshop on SPSS and Research Methodology
4	18 th September, 2021	Guest Lecture
5	1 st -30 th September, 2021	Add On Course
6	September & October	Internship program
7	9 th October, 2021	Field Survey
8	November ,2021	Publication of Research Paper with students
9	15 th January, 2022	Quiz Competition
10	05 th February, 2022	Annual Budget Analysis
11	21 st March, 2022.	Publication of Departmental News Letter
12	19 th February, 2022	Industrial Visits
13	8 th March, 2022	Women's day Celebrate
14	21 st -31 st March, 2022	Remedial Classes

26. SWOC Analysis:

Strengths:

- Committed, well-qualified and knowledgeable faculty with Ph.D.
- Use of SPSS for data analysis in research and project work
- Applicability of theoretical knowledge through field exposure and training.
- Classes for Competitive exams
- Publication of Newsletter
- Add-on Course on 'Advertisement and Sales Promotion'
- Students publication and research
- Major and Minor projects
- Economic Forum Activities

Weaknesses:

- Publication in SCOPUS Indexed Journals
- Lack of patents
- Lack of placement
- Consultancy
- Industrial Linkages and Collaboration



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Opportunities:

- Data analysis through SPSS
- Tribal Arts Exhibition
- Creation of E-content
- Educational video
- National Collaboration

Challenges:

- Research Guides
- Students Strength

27. Future Plan:

1. Publication of Reference Books.
2. Organise International Conferences
3. Establish Departmental Placement Cell
4. Conduct Professional data processing through SPSS
5. Conduct Major Research Projects
6. Induct 100% Ph. D faculty



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio:

No. of Teacher	No. of Students	Student Teacher Ratio
05	775	1:30

2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
05	05	05

3. Faculty profile with name, qualification, designation, experience, nature of appointment (confirmed/ probation/temporary):

Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
Dr. Reeta Chouhan	Head, Department of Economics	M.A., B.Ed., M.Phil., Ph.D	17 Years	Assistant Professor
Dr. E. Philip	Dean(Faculty of Social Sciences)	M.A., B.Ed., Ph.D.	25 Years	Assistant Professor
Rev. Dr. G. Vazhan Arasu	Principal	M.A., MBA, M. Phil., B. Th., Ph.D	22 Years	Principal
Dr. Anthonima K. Robin	Assistant Professor (Department of Economics)	M.A., M.Phil., Ph.D	14 Years	Assistant Professor
Dr. Renu Markande	Assistant Professor (Department of Economics)	M.A., M.Ed., NET, Ph.D	14 Years	Assistant Professor

4. Diversity of Faculty -

From the same university	From other universities with in the State	From other States	From outside the country
05	Nil	Nil	Nil

5. Number of academic support staff (technical) and administrative staff sanctioned, Filled and Vacant:

Post	Sanctioned	Filled	Actual
Nil			



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6. Student profile programme-wise at UG and PG:

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
UG	417	289	300	147	142	289
PG	37	32	30	17	15	32

7. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	6%	7%		8%
PG	91.67%		8.33%	

8. Student progression/ placement record (UG/PG passed out students)

Programme	% proceeded for higher studies	% of students placed
PG	50 %	50%

9. Present details of departmental infrastructural & other facilities with regard to

- Central Library Books and Journals, etc, relevant to Department: YES 80 books added
- Online (books, journals etc.) Subscribed –YES Text Books 73 40494, Reference Books 07 4562
- Computers and Internet facilities for staff -
- Total number of class rooms -
- Class rooms with ICT facility -
- Students' laboratory -
- Research laboratories -YES
- Any other facility -

10. Department-wise Purchase Budget and expenditure details: NIL

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total

11. Laboratory Facilities

Items Procured- 2021-22

S. No	Name of Item	Configuration	Quantity



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Declaration by the Head of the Department

The above information provided by the department is correct to the best of my knowledge.

Dr. Reeta Chouhan
Head
Department of Economics
St. Aloysius College (Auto)
Jabalpur (M.P.)

Signature

Date:

Name: Dr. Reeta Chouhan



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ACADEMIC AUDIT

- 1. Name of the Department:** Department Of English
- 2. Year of establishment:** 1951
- 3. Curricular Aspects:**

a. Does the department offer program with sufficient no. of elective options:

Program	Semester / year	Electives
MA Final Year	III/IV semester	Core Electives: 1. American Literature 2. Indian Writings in English
		Open Electives: 1. Fundamentals of Communication (MA III Sem.) 2. Trends and Techniques of Effective Communication (MA IV Sem.)

b. Course having focus on employability / entrepreneurship / skill development

Program	Year /sem	Course	Activity
MA	III Sem.	English Literature	Projects/ Skill Development Course
BA	II/III Year	Functional English	Practical's / Practice sessions on LSRW/SPEECH SKILLS/Courses run on Spoken English for students of All Streams

- While framing curriculum, is feed-back taken from stakeholders viz. Students, Alumni, Parents, Employers; brief the analytical report.** YES
- Number of teachers preparing & following Academic Teaching plan:** 6
- Do you offer Bridge/Remedial courses? If yes, Give details.**

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
BA	Functional English	Functional English	Dr. NeelanjanaPathak	15



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MA	English Literature	English Literature		18
		Poetry		16
		Drama		15
		Fiction		12
		Prose		14
		English Literature		16
BA I YR	English Literature	Major/Minor/Elective-Study of Poetry	Dr. Nihaiika Singh	70
MA	English Literature	Fiction	Dr. Soma Guha Das	12
MA	English Literature	Prose	Dr. Niharika Singh	10

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
BA	I YR	English Literature	Study Of Poetry	Dr. Niharika Singh	45
BA	I YR	Functional English	Study Of Poetry	Dr. Neelanjana Pathak	19
BA	III	English Literature	Writing Skills	Dr. Soma Guha Das	24
			Fiction		
BA	III	Foundation Course	English Language	Ms. Saumya Gupta	06
MA					
BA	III	English Literature	Poetry	Ms. Saumya Gupta	11

f. What is the method for conducting internal evaluation?

Internal Evaluation in was conducted thrice in BA I Year and in BA II & III year at two levels: quarterly and half yearly. In MA internals are decided by the teacher in-charges of papers and conducted as per the requirement. The teachers conducted written test, PowerPoint presentations and submissions, group discussions, blackboard teaching, role play, JAM sessions, assignment submissions etc. In the second and final years the subject teacher is free to make a choice of mode of conduction of internal evaluation. The internal evaluation was conducted using modes like individual presentation, poster making, quiz, video recording, microteaching, making objectives, written assignments etc.

g. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.: Special Lectures:



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Title of Programme (Guest Lecture /Seminar/Workshop)	ExpertPerson	Date	NumberofParticipants
Online National Seminar on "Khushwant Singh: A Writer of Protean Sensibilities"	<ul style="list-style-type: none">Prof. Shivaji D. Sargar, Former Head, Mumbai University, MumbaiProf. Anup Singh Beniwal, Professor of English, USHSS, GGS, IPU, New DelhiProf. Krishna Mohan Pandey, Professor of English, Faculty of Arts, Banaras Hindu University, VaranasiProf. Jyoti Kumar Verma, Department of English Dayalbagh Educational Institute (Deemed University)	3-4 September 2021	98
Special Lecture	<ul style="list-style-type: none">Guest Lecture by Prof. Pratibha Kumar on "Communication Skills"	30 September 2021	34
Alumni Lecture	<ul style="list-style-type: none">By the PG Topper Mr. Siddhat Dubey on "Achieving Excellence in English Literature and Career Options"	7 October 2021	30
	<ul style="list-style-type: none">By the 2nd PG Topper Ms. Kajal Kanojia on "My story as the Student of English Literature"	11 October 2021	17
International Guest Lecture	<ul style="list-style-type: none">By Prof. Gerald Cupchik, University of Toronto on "Going Beyond the Texts"	27 November 2021	23
Guest Lecture	<ul style="list-style-type: none">By Mrs. Tuhina Bose, Assistant Prof. Fr. Conceicao Rodrigues Institute of Technology, Mumbai	29 November 2021	26
	<ul style="list-style-type: none">By Mr. Abhishek Agrawal, Director T.I.M.E. on "Career Opportunities in Management -"	14 January 2021	75
	<ul style="list-style-type: none">On Research Methodology in Research Studies by Dr. Shreeja Tripathi Sharma	4 March 2021	72

g. Teaching and learning reforms:

- This year the college adopted the NEP (only in 1st year) and teaching-learning was conducted according to the choice of the subject teachers via diverse modes.
- Practicals were introduced in the English Literature papers.
- Functional English was taught with aid from language lab modules.

h. Internal Assessment reforms:

- Internal examination in the first year was conducted four times and the best three were selected to award marks.



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- In the second and third years, internals were conducted using different modes like PPTs, Peer teaching, role play, written test, surprise test, peer teaching, think-pair and share, JAM sessions etc.
- In the Practicals introduced in BA I Year- English Literature had external viva voce for every student.

4. Number of teaching posts sanctioned, filled and vacant:

Number of Teachers	Sanctioned	Filled
06	06	06

5. Participation of the department in the curriculum development for courses offered by the Universities or any Autonomous colleges (BoS Member).

Name of the teachers	Participation in Curriculum Development in University / College
Dr. Niharika Singh	<ul style="list-style-type: none"> ▪ Member, Board of Studies, Rani Durgavati Vishwavidyalaya, Jabalpur (M.P.) ▪ Developed E-content on three papers for MPHE ▪ Syllabi preparation of Decolonized nations for RDVV
Dr. Neelanjana Pathak	<ul style="list-style-type: none"> ▪ Chairperson, BOS, SAC ▪ Syllabi preparation of four papers of Sri Lankan Literature for RDVV

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
MA	Ardent Knowledge	Skill Development Course For PG IV Semester Groups

7. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify:

Programme	Examination System
BA	Annual System (II & III Year)/ NEP Annual system in I Year)
MA	Choice Based Credit System (CBCS)

8. Information about research grants, projects completed and ongoing from National funding agencies (like UGC, DST)

S. No	Name of the Principle Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any



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9. Research Publications

Name of Teacher	Papers published in peer reviewed journals
Dr. Neelanjana Pathak	<ul style="list-style-type: none">Published a review article titled "Verity and Versatility of Verse: Deliberations on Khandelwal's Dwelling with Denial" Poetcrit: Abstracted and Indexed in EBSCO Host, USA. Vol.35 No.1 (ISSN:0970-2830) January-June, 2022, Print Publications Pvt. Ltd. New Delhi: (108-113)
	<ul style="list-style-type: none">Published a joint paper titled "Puro to Hamida: A Journey of Emotional Migration in Amrita Pritam's Pinjar" Migrant Labour: Issues and Challenges, ed., J.G.Vazhan Arasu & Elena Philip, Shree Vinayak Publication, Agra: 2022, (61-66) ISBN: 978-93-91267-33-9
	<ul style="list-style-type: none">Published a joint paper titled "Advantages of E-Learning and Various Platforms of E-Learning in Higher Education" New Trends and Digital Adoption : A Paradigm Shift in Higher Education, ed. Arvind Nawale, M. Maniruzzaman, Amar Singh, Saumya Priya.
	<ul style="list-style-type: none">Published a joint paper titled "Translating Satire: Short Stories of Harishankar Parsai" In Translation: Literature Across The World , ed., Rajshree Roselean Kapoor. Authors Press 2021.
Dr. Niharika Singh	<ul style="list-style-type: none">Paper published in the proceedings of Virtual conference on "Changing Trends In Teaching and Learning English Language And Literature" organised by Patrician College of Arts and Science, Chennai ed. by M. Murali, M. PrithviRajkumar and A. Vijayganesh in July, 2021 book published with an ISBN number:97881951729-9-3, pg:123-128
	<ul style="list-style-type: none">Paper entitled "Migration and Language: A Review" was published in a book titled <i>Migrant Labour: Issues And Challenges</i> edited by Rev. G Vazhan Arasu and Elena Philip published by Shree Vinayak Publications, Agra:2022, Pg 158-161 ISBN: 978-93-91267-33-9
	<ul style="list-style-type: none">Paper published Entitled, "Psalms As Spiritual Confessions: Re-reading Nissim Ezeiel's Latter Day Psalms 06" in Langlit: An International Peer-Reviewed Open Access Journal in Vol.7:Issue 04,Pg-47-52
Dr. Soma Guha Das	<ul style="list-style-type: none">Published a joint paper titled "Puro to Hamida: A Journey of Emotional Migration in Amrita Pritam's Pinjar" Migrant Labour: Issues and Challenges, ed., J. G.Vazhan Arasu & Elena Philip, Shree Vinayak Publication, Agra: 2022, (61-66) ISBN: 978-93-91267-33-9
	<ul style="list-style-type: none">Published a joint paper titled "Translating Satire: Short Stories of Harishankar Parsai" In Translation: Literature Across The World ,ed., Rajshree Roselean Kapoor. Authors Press 2021.
Dr. Mary Raymer	<ul style="list-style-type: none">Published a joint paper titled, Hypocrisy in "The Man in Black": A Critical Analysis Shanlax International Journal of English P-ISSN: 2320-2645 E-ISSN: 2582-3531 - Vol. 9, No. 3, June 2021, Impact factor 5496
Ms. Neha Mahawar	<ul style="list-style-type: none">Man or Machine: Human Definition in Wall-E, Kalyan Bharati, Published in Vol.36,no.(VI):2021 ISSN : 0976-0822,UGC Care list group 1 ,Impact factor 5.90
	<ul style="list-style-type: none">Published a joint paper titled, Hypocrisy in "The Man in Black": A Critical Analysis Shanlax International Journal of English P-ISSN: 2320-2645 E-ISSN: 2582-3531 - Vol. 9, No. 3, June 2021, Impact factor 5496

10. Number of publications



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Papers published in peer reviewed journals	SCOPUS, Web of Science Indexing Papers	Citations	h-index	Impact factor range/Average Impact factor
11	NIL	NIL	NIL	NIL

11. ChapterinBooks

Author Name	Name of Book
Dr. Neelnajana Pathak	<ul style="list-style-type: none"> Published a joint paper titled “ Advantages of E-Learning and Various Platforms of E-Learning in Higher Education” New Trends and Digital Adoption : A Paradigm Shiftin Higher Education, ed. Arvind Nawale, M. Maniruzzaman, Amar Singh, Saumya Priya Paper entitled “Migration and Language: A Review” was published in a book titled <i>Migrant Labour: Issues And Challenges</i> edited by Rev. G Vazhan Arasu and Elena Philip published by Shree Vinayak Publications, Agra:2022, Pg 158-161 ISBN 978-93-91267-33-9 Published a joint paper titled “Translating Satire: Short Stories of Harishankar Parsai” In Translation: Literature Across The World , ed., Rajshree Roselean Kapoor. Authors Press 2021.
Dr. Niharika Singh	<ul style="list-style-type: none"> A paper published in a book titled ‘Migrant Labour: Issues And Challenges’ edited by J.G Vazhan Arasu and Elena Philip on “Migration and Language: A Review” Shree Vinayak Publications, Agra:2022 158-161 ISBN 978-93-91267-33-9
Dr. Soma Guha Das	<ul style="list-style-type: none"> Paper entitled “Migration and Language: A Review” was published in a book titled <i>Migrant Labour: Issues And Challenges</i> edited by Rev. G Vazhan Arasu and Elena Philip published by Shree Vinayak Publications, Agra:2022, Pg 158-161 ISBN 978-93-91267-33-9 Published a joint paper titled “Translating Satire: Short Stories of Harishankar Parsai” In Translation: Literature Across The World , ed., Rajshree Roselean Kapoor. Authors Press 2021. ISBN 978-93-5529-033-5

12. Edited Books

Author Name	Book Titled
NIL	NIL

13. Self-AuthoredBook

Author Name	Book Titled
NIL	NIL

14. Details of patents filed & granted and revenue income generated.

Name of the Teacher	Date of Applied/Sanctioned	Topic	Revenue generated
NIL	NIL	NIL	NIL



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15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated
1.	Dr.Soma Guha Das	Certificate Course(Addon course)	Rs.13,300

16. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

S.No	Name of the teacher	Programme
	Dr. NeelanjanaPathak	Delivered lecture as Chairperson in International Interdisciplinary Conference on "Narratives, Self and Identities: Traditions and Innovations" organized by School of Arts, Humanities and Social Sciences, Reva University in collaboration with iSPELLand Liverpool John Moores University, Liverpool, England on 31 August 2021.
		Delivered lecture as Resource Person in National SANDESHHARIKA WOMEN'SSEMINAR on "Keeping Faith Alive: Struggles, Resilience & Victories of Women in the Face of Covid Pandemic" organized by Leonard Theological College, Jabalpur, M.P. on 23 rd April, 2022.

17. Number of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

Activity (please mention the number only)	National	International
Refresher	2	0
Orientation	0	0
Seminar/Conference	13	3
Workshop/FDP/Training Programme	4	6
Paper presentation	3	0

18. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (other than BoS)



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S. No	Name of the Faculty	Members of committees
	NIL	NIL

19. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels.

Name of Faculty	Recognition received	Professional bodies and agencies National and International
Dr. NeelanjanaPathak	Editorial Board	<i>Contemporary Vibes</i> (International)

20. Awards / Prizes and recognitions received by teachers at university, state, national and international level:

Name of Faculty	Awards/Recognition received	Recognition Bodies
NIL	NIL	NIL

21. Awards and Prizes received by students at university, state, national and international level:

Curricular activities:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies
NIL	NIL	NIL	NIL

Co-curricular:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies
1	K. Sharatchandran	Speech Competition - Third Prize and cash Prize Rs. 5000/-	Patna Women's College, Bihar
		Debate Competition- First Prize Class Activities- First prize in Room 2, Arts and Humanities	Confluence, 15 September- 1 October 2021

22. Details of Seminars/ Conferences/Workshops/FDP organized at state, national and international level and the source of funding with details:

S.No	Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	State/National/ International	Dates
1	"TRIBUTE TO KHUSHWANT SINGH: A WRITER OF PROTEAN SENSIBILITIES"	Self-financed	98	National	3-4 September 2021



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23. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D.Lit:0

24. Subject-wise Results

UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BA/English Literature	109	109	0	0	100%
2	BA/Functional English-	15	15	0	0	100%
3	BA/Foundation Course(Paper II)English language	249	249	0	0	100%
4	B. Sc/Foundation Course Paper -II English Language	176	176	0	0	100%
5	B.COM/Foundation Course Paper -II English Language	929	929	0	0	100%
6	BCA/ Foundation Course Paper -II English Language	59	59	0	0	100%
7	BBA/ Foundation Course Paper -II English Language	248	248	0	0	100%
TOTAL----->		1785	1785	0	0	100%

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BA/English Literature	111	111	0	0	100%
2	BA/Functional English-	30	30	0	0	100%
3	BA/Foundation Course (PaperII)English language	240	240	0	0	100%
4	B.Sc/Foundation Course Paper -II English Language	264	264	0	0	100%
5	BCOM/Foundation Course Paper -II English Language	871	871	0	0	100%
6	BCA/ Foundation Course Paper -II English Language	48	48	0	0	100%
7	BBA/ Foundation Course Paper -II English Language	193	193	0	0	100%
8	BCOM(H)/Foundation Course Paper -II English Language	119	119	0	0	100%
TOTAL----->		1876	1876	0	0	100%



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UG Third year

S.NO	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BA/English Literature	76	76	0	0	100%
2	BA/Functional English-	45	45	0	0	100%
3	BA/Foundation Course (Paper II)English language	240	240	0	0	100%
4	BSc/Foundation Course Paper –II English Language	361	361	0	0	100%
5	BCOM/Foundation Course Paper–II English Language	756	756	0	0	100%
6	BCA/ Foundation Course Paper –II English Language	48	48	0	0	100%
7	BBA/ Foundation Course Paper –II English Language	133	133	0	0	100%
8	BCOM(H)/Foundation Course Paper –II English Language	96	96	0	0	100%
TOTAL----->		1755	1755	0	0	100%

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
English Literature	27	27	0	0	100%

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
English Literature	25	25	0	0	100%

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
English Literature	26	26	0	0	100%



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PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
English Literature	25	25	0	0	100%

25. Strategic Plan and its implementation (2021-22):

Strategic Plan 2021-22: Department of English

1. Initiate a virtual course for aspiring TOFEL aspirants
2. Collaborate with institutions for academic and cocurricular events
3. To save some recorded presentations of advanced learners
4. To create student database through WhatsApp groups
5. Annual leadership training program to be organised for UG AND PG final year students
6. Fostering global competencies by inviting virtual guest talks by renowned international faculty.
7. Peer education: from me to you .Arranging for some virtual talks by advanced learners
8. Creating opportunities for students for participating in National and International student exchange programme.
9. Undertaking collaborative efforts with other languages in India and abroad.
10. Modifying and updating teaching methods for augmenting better teaching-learning process.
11. Starting a National research Journal – Whisperings.
12. Departmental Newsletter
13. Online Lit fest
14. Make the Literact Club functional with bi- monthly activities to be conducted by office bearers
15. Guest Lectures for Functional English and Foundation Course(01 day Workshop/ Symposium)
16. Interactive Lectures with students of different institution.
17. Recorded Podcast on the course topics to model their thinking and provide authentic material to the students.
18. Providing video, audio, reading and interactive content, newspaper clips and flowcharts.
19. Debate can be held in synchronous mode (using any video conferencing software as Google Meet, Zoom plat form) or in asynchronous mode (using Voice Thread, or just a discussion board).
20. **Web-Portal Technology:** We can use the educational resource portals by using these websites in teaching -learning process EDSITEment.com/Swayam.
21. **Interdisciplinary online events &Programme:** Virtual Conferences/Webinars/ Internal Meetings/ Award Ceremonies/ Workshops/Speaker Engagement/panel Discussions.

26. SWOC Analysis: The SWOC analysis of the Department of English is as follows:

STRENGTHS

- Honing the spoken and proficiency English skills/competencies of students.
- Certificate courses.
- The Department organized a National E-Seminar on “Khushwant Singh: A Writer of Protean Sensibilities”.



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Year 2021-22

- Public speaking and writing skills are polished through various literary activities organized by the department.
- Effective use of ICT in the teaching-learning process.
- Student-centric functioning with mentoring, counseling through teachers, and Effective academic monitoring.
- Used Language Lab as a useful teaching tool to cater to language learners across the board
- The students are encouraged to explore beyond their prescribed curriculum by exposing them to various webinars, extension talks, guest lectures, etc., which are a regular feature of the department.
- The department is committed to providing varied exposure to students and encourages them to participate in various competitions at the district, state, and national levels.
- It also uses audio-video media to make the works of literature come alive by organizing movie screenings for the students.
- The faculty actively participates in Faculty Development Programmes, Refresher Courses, and Workshops to enhance their professional education and competence.
- Research guidance and PhD thesis evaluation
- Good field work and projects
- 95-100% results

WEAKNESS

- Less functional MOUs.
- Unstable/changing faculty.
- Less Industry-Institute interaction.
- The students are linguistically weak due to their vernacular background. This leads to an unsatisfactory level of comprehension and communication.
- No student exchange programs
- Unable to focus on need-based requirements for students language enhancement
- Lack of research related activities.
- Less number of research guides
- Less selections through campus drives
- Very few selections in National Level Competitions
- Lack of Projects

OPPORTUNITIES

- New job avenues through English language learning for students like content writers, linguists, technical translators, decoders etc.
- English Language – a ticket to foreign Universities.
- English Language learning acts as a mental stimulator –upgrades individual's profile.
- Scope for interdisciplinary and sponsored projects.
- Scope for improvement of digital literacy
- To start Research Journal at College level to inspire and motivate students for research dissertation
- Advanced learners get an opportunity to present research papers
- Opportunity to interact with peers from outside through Exchange Programmes



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CHALLENGES

- Heterogeneous group in language classes
- To bridge the gap between Slow Learners and Advanced Learners
- Creating awareness about Digital learning
- To arrange various programmes for the overall personality development of the students
- Encouraging students to succeed in competitive examinations and higher study
- English department faces the challenge to generate the interest of students, who come from diverse backgrounds, in a new discipline i.e. English Literature, taught in a foreign medium.
- Maintaining a database of departmental alumni
- Bringing up the level of the Hindi medium students at the PG level and also orienting students belonging to other streams to the nuances of English literature

27. Future Plan:

DEPARTMENT OF ENGLISH- STRATEGIC PLAN: 2022-23

Short term strategic plans -

1. Maintain student-faculty ratios at desirable levels.
2. Ensure the continuation of a dynamic, diverse, and caring teaching ethos.
3. Continue to develop a culture of regular internal assessment in the department.
4. Organize workshops or short term courses for the students preparing for competitive exams.
5. Strengthening of Alumnae Database
6. Explore grant opportunities to benefit the department through Projects and conferences.
7. Create a more focused and consistent web presence for department
8. To make more use of English Language Lab for up skilling linguistic proficiencies of First Year students of all streams.

Middle term strategic plans-

1. Develop a peer reviewed online publication for the Department of English.
2. Create service-learning opportunities for English students
3. International Peer-Reviewed Journal publication
4. To apply for research projects from various funding agencies
5. Communicate and showcase the work of the Department to broad audience both locally and nationally
6. Increase the number of faculty citations
7. Create Podcast Series-"English is Fun" to highlight the interdisciplinary work of the Faculty
8. Expand our current outreach initiatives and create new ones by seeking partners on and off campus

Long term strategic plans -

1. Design new courses to attract non majors.
2. Enhance mentorship and funding to support undergraduate and graduate students with respect to current and emerging research topics, methods, and approaches.
3. Promote and Support development of hybrid and online courses.
4. Develop a departmental Research Centre
5. Enhance the departmental library and include online sources
6. Collaboration for a Course in Copy Editing with a Publication House



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7. MoUs with International Universities

8. Offer classes and programs that align department priorities with student and university needs

ACADEMIC & ADMINISTRATIVE AUDIT

Year 2021-22

ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio:

No. of Teacher	No. of Students	Student Teacher Ratio
06	319	53.1

2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
Assistant Professor	06	06

3. Faculty profile with name, qualification, designation, experience, nature of Appointment (confirmed/ probation/temporary):

Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
Dr. Neelanjana Pathak	Head	NET, Ph.D	Teaching- 37 years Research -21 years	Confirmed
Dr. Niharika Singh	Assistant Professor	MA, DCA, M.PHIL, Ph.D	Teaching-14 years Research -12 years	Confirmed
Dr. Mary Raymer	Assistant Professor	MA, Ph.D	Teaching- 11 years Research - 11 years	Confirmed
Dr. Soma Guha Das	Assistant Professor	MA, M.PHIL, Ph.D	Teaching-11 years Research - 11 years	Confirmed
Ms. Neha Mahawar	Assistant Professor	MA	Teaching- years Research - years	Contractual (Part Timer)
Ms. Saumya Gupta	Assistant Professor	MA	Teaching- years Research - years	Contractual

4. Diversity of Faculty

From the same university	From other universities within the State	From other States	From outside the country
6	NIL	NIL	NIL

5. Number of academic support staff (technical) and administrative staff sanctioned, Filled and Vacant:



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Post	Sanctioned	Filled	Actual
NIL	NIL	NIL	NIL

6. Student profile programme-wise at UG and PG:

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
UG	417	289	300	147	142	289
PG	38	30	30	06	20	26

7. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG(BA)	36 (Major)	Nil	Nil	Nil
PG	84.61%	Nil	11.53%	Nil

8. Student progression/placement record (UG/PG passed out students)

Programme	% proceeded for higher studies	% of students placed
UG	50%	Nil
PG	20%	44%

9. Present details of departmental infrastructural & other facilities with regard to

- Central Library Books and Journals, etc., relevant to Department: 4927
- Online (books, journals etc.) Subscribed for E-Resources, Inflibnet, Delnet.
- Computers and Internet facilities for staff: Inflibnet, Wi-Fi Facility, Laptops
- Total number of classrooms: One Classroom and one Language Lab
- Classrooms with ICT facility: ALL
- Students' laboratory: 01
- Research laboratories: NIL
- Any other facility: ETNL software

10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
Meeting Expense		Rs – 5000/-	Rs-5000/-
Practical Examination Expense		Rs- 10,700/-	Rs-10,700/-
Stationary Expense		Rs- 600/-	Rs- 600/-



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Payment to Resource Persons (Seminar)		Rs. 5000/-	Rs. 5000/-
Payment to Resource Persons (Certificate Courses)		Rs. 6000/-	Rs. 6000/-
Payment to Coordinators (Certificate Course)		Rs. 2000/-	Rs. 2000/-

11. Laboratory Facilities

Items Procured- 2020-21

S. No	Name of Item	Configuration	Quantity
NIL	NIL	NIL	NIL

Declaration by the Head of the Department

The above information provided by the department is correct to the best of my knowledge.

Dr. Neelanjana Pathak
Head

Signature Department of English
St. Aloysius (Auto.) College
Jabalpur (M.P.)

Name: Dr. Neelanjana Pathak

Date: 15 October 2022



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ACADEMIC & ADMINISTRATIVE AUDIT

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ACADEMIC AUDIT

1. Name of the Department: Managements
2. Year of establishment: 2006
3. Curricular Aspects:

Does the department offer program with sufficient no. of elective options:

Program	Semester / year	Electives
BBA	I Year	Communication Skills Business Statistics Business Mathematics
BBA	III Year	Elective A: Marketing
		Paper XVII Consumer Behaviour
		Paper XVIII Advertisement Management & Sales Promotion
		Paper XIX Service and Digital Marketing
		Elective B: Finance
		Paper XVII Working Capital Management
		Paper XVIII Corporate Taxation
		Paper XIX Security & Portfolio Management
		Elective C: HRM
		Paper XVII Human Resource Development
		Paper XVIII Wages and Salary Administration
		Paper XIX Organizational Change and Organizational Development

a. Course having focus on employability / entrepreneurship / skill development

Program	Year /Sem	Course	Activity
Diploma	1 Year (with Two Semester)	Diploma in International Business	Case Studies Analysis and presentations , micro and major Projects and Surveys, Industrial Trips etc.
BBA	I	Communication Skills	Skill Enhancement Programmes- Personality Development, Communication Skills, CV Preparation, Job Application, Corporate Etiquettes, Report writing,
	II	Marketing Research	Market Analysis and Survey Conduction, Undertaking Market Research, Product Research, and Customer Research. Customer Satisfaction Survey.
	III	Entrepreneurship	Projects on Start-up, Financing of Project. Government Schemes for Young Entrepreneur.



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BBA		Development	
		Corporate Taxation	Filing of Returns, Calculation of Income Tax and Corporate Tax.

b. While framing curriculum, is feed-back taken from stakeholders viz. Students, Alumni, Parents, Employers; brief the analytical report.

The Department encourages feedback system from the various stakeholders, such that the necessary changes as per their demands can be incorporated. Course design, course curriculum, industry skill requirement, teaching and learning system are the central area of concern where feedback of academicians, employers, students, and Alumni's are taken.

During the session regular feedback from students on teaching learning process is taken, and the same is shared with the teachers such that required changes in the teaching process can be. The feedback system brings about flexibility in the teaching process in accordance to the students learning capacity.

According to the Alumni's, and employer's feedback in relation to the skill requirement and industry requirements, training programs, guest lectures and skill enhancement sessions are organized by the department.

c. Number of teachers preparing & following Academic Teaching plan: 07

d. Do you offer Bridge/Remedial courses? If yes, Give details. Yes

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
BBA	BBA I Year	Financial Accounting	Dr. Shraddha Shrivastava	25
		Business Mathematics	Dr. Akhilesh Pathak	67

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
BBA	I Year	BBA	Financial Accounting	Dr. Shraddha Shrivastava	48
			Business Statistics	Dr. Chitranshi Verma	80

e. What is the method for conducting internal evaluation?

BBA being a professional degree the curriculum incorporates, diverse strategies to assess the students learning capacities. Quarterly exams, class test, tutorials, case study reviews, article reviews, library assignments, micro presentations on current trends corporate concepts and surveys, PPT presentations, book reviews, group assignments, practical assignments, management games, online quizzes are the various modes of internal evaluation.



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f. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.: Special Lectures:

Title of Programme (Guest Lecture /Seminar/Workshop)	Expert Person	Date	Number of Participants
Guest Lecture on Soft Skills	Dr. V Rajni (Head IBS) Indore	17 th of September 2021	300
Guest lecture on Life Skills and Time Management-	Lt. Col Praveen Wilson	12th October 2021	270
Webinar on "Scope of Business Analytics"	Dr. Vinita Joshi (Head ICFAI Business School)	23rd October 2021	250
Guest Lectures on Business Intelligence-	Dr. Pooja Kushwaha (Jaipuria Institute of Management Indore)	17th December 2021	310
Guest lecture on Resume Building	Ms.Sanaya Nayak(Alumni)	5th February 2022	180
Webinar on Corporate world in the new normal"	Mr. Diniar Patel Managing editor (Innovations) & Resident Editor (Supplements, MH) The TIMES OF INDIA.	18th February 2022	200

g. Teaching and learning reforms: NIL

h. Internal Assessment reforms:

BBA being a professional degree the curriculum incorporates, quarterly exams, case study reviews, article reviews, library assignments, micro presentations on current trends corporate concepts and surveys, PPT presentations, book reviews, group assignments, practical assignments as various modes of internal evaluation.

4. Number of teaching posts sanctioned, filled and vacant:

Number of Teachers	Sanctioned	Filled
07	07	07



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5. Participation of the department in the curriculum development for courses offered by the Universities or any Autonomous colleges (BoS Member).

Name of the teachers	Participation in Curriculum Development in University / College
Dr. Rashmi Patras	Chairman BOS (Department of Management)
Dr. Shraddha Shrivastava	Secretary
Dr. Rashmi Singh	Member
Dr. Chitranshi Verma	Member
Dr. Richa D Bajpai	Member
Mrs. Aparna Dhingra	Member
Dr. Shweta Suri	Member

6. Courses conducted in collaboration with Industries and Institutions:

Programme /Course	Industry/Institution	Activity (internship / project/field work / any other)
BBA I Year	Tubelight Foundation	Internship/ Project/ Community Service
	Aashmaa Foundation	
	IFMC	
	Narbada Valley Green Pvt.Ltd	
	Cad Desk	
	KBO Architect	
	Hero Agency	
	Jan Kalyan multipurpose Education Service	
	M.G Agro, Jabalpur	
	White Force Group Jabalpur	
	Interpret Media	
	Simmi Foundation	
	Shine Projects	
	Team Everest	
	Mavask.com Web Development	
	Arun Grover & Associates	
	Logical Startup	
	Fashion Designing academy JBP	
SPARKS FOUNDATION		
Beta Blue foundation		

7. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify:

Programme	Examination System
BBA I Year	
BBA II Year	



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BBA III Year

Annual System

8. Information about research grants, projects completed and ongoing from National funding agencies (like UGC, DST)

S. No	Name of the Principle Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any

9. Research Publications

Name of Teacher	Papers published in peer reviewed journals
Dr. Rashmi Singh	Published in UGC Care List Journal, Vidyabharati International Interdisciplinary Research Journal (Special Issue), Topic- "A study of factors affecting international trade – during pandemic", (ISSN 2319-4979, p.162-166).

10. Number of publications

Name of Teacher	SCOPUS, Web of Science Indexing Papers	Citations	h-index	Impact factor range/Average Impact factor
Dr. Rashmi Patras	01 (Scopus)		47	

11. Chapter in

Author Name	Name of Book
Dr. Shraddha Shrivastava	" Tourism in India: Challenges and Prospects" , ISBN No. 974-8797-8998-09

12. Published Books

Author Name	Name of Book

13. Edited Books

Author Name	Book Titled



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14. Self-Authored Book

Author Name	Book Titled
Dr. Richa D. Bajpai	"Bhiga Bachpan", Aman Publication, Kanpur ISBN No.978-93-91913-81-6

15. Details of patents filed & granted and revenue income generated.

Name of the Teacher	Date of Applied/Sanctioned	Topic	Revenue generated

16. Consultancy services provided:

S. No	Name of the teacher	Nature of Consultancy	Funds Generated

17. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

S. No	Name of the teacher	Programme
1.	Dr. Rashmi Patras	Lecture at International Webinar organized by Pune Institute of Management, Pune. Guest Speaker at Online Webinar, organized by Jaipuria Institute of Management.

18. Number of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

Activity (please mention the number only)	National	International
Refresher		
Orientation		
Seminar/Conference	5	7
Workshop/FDP/Training Programme	6	9
Paper presentation		1



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19. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (other than BoS)

S.No.	Name of the Faculty	Members of committees

20. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels.

Name of Faculty	Recognition received	Professional bodies and agencies National and International

21. Awards / Prizes and recognitions received by teachers at university, state, national and international level:

Name of Faculty	Awards/Recognition received	Recognition Bodies

22. Awards and Prizes received by students at university, state, national and international level:

Curricular activities:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies

Co-curricular:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies



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23. Details of Seminars/ Conferences/Workshops/FDP organized at state, national and international level and the source of funding with details:

S.No	Name of Conference/ Seminars /Workshops/FDP	Funding agency	No. of Participants	State/National/ International	Dates
1	International E Conference on Sustainable Development	Self-Funded	210	International	22 September 2021
2	International Faculty Enrichment Program	Self-Funded	170	International	3 rd & 4 th December 2021

24. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D. Lit:

- Dr. Rashmi A Patras awarded Ph.D from RDVV Jabalpur on 9th February 2022.
- Dr. Shraddha Shrivastava Awarded Ph.D. from RDVV on 6th June 2022

25. Subject-wise Results

UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Business Management	130	130	NIL	NIL	100%
2	Communication Skills	248	247	1		99%
3	Micro Economics	50	49	1		98%
4	Business Statistics	247	237	10		95%
5	Financial Accounting	69	67	2		97%
6	Business Mathematics	244	240	4		97%
TOTAL----->		248	246		2	99%

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Marketing Management	193	193	0		100%
2	Marketing Research	193	192	1		99%
3	Financial Management	193	191	2		98.9%
4	Project Management	193	190	3		98.5%
5	Human Resource Management	193	193	0		100%
6	Organizational Behaviour	193	189	4		97%



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Year 2021-22

TOTAL----->	193	193			100%
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UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Entrepreneurship Development	133	133			100%
2	Management Information System	133	131	2		98%
3	Business Environment	133	133			100%
4	Business Law	133	132	1		99%
5	Consumer Behaviour	81	81			100%
6	Working Capital Management	21	21			100%
7	Human Resource Development	31	31			100%
TOTAL----->		133	129		4	96%

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT



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Year 2021-22

26. Strategic Plan and its implementation (2021-22):

- Introduction of 3 specialization (Management, Economics and Finance) in BBA course from 2021.
- New Interdisciplinary Course on “Diploma in Business Analytics”, introduced in collaboration with Department of Computer Science.
- New Vocational Courses “Personality Development” and “Retail Management” introduced.

27. SWOC Analysis:

Strength

- Updated course curriculum as per industry requirement and stakeholders specifications.
- Value added courses in line to employability and global requirement.
- Exposure to industry culture through guest lectures, projects, training and workshops.
- Skill Enhancement workshops for employability and sustainability.
- Active participation of students in various academic and non-academic activities, as well as management of events, research projects, entrepreneurship, stipend OJT.
- Competent faculty members, actively working for students academic development and overall growth.

Weakness

- Major and Minor research projects of faculties.
- Consultancy Services
- Research publication of faculty members

Opportunities

- Increasing demand for the course, with allied specialization such as BHM.
- National / International /intercollegiate collaborations through MOU for SEP/ FEP, research projects/ consultancy services and other collaborative activities.
- Opportunities for faculties for Major/ Minor research projects.

Challenges

- Increasing Local competition.
- Overcoming learning and competency barriers of students coming from remote areas.
- Changing dynamics of BBA program, as per industrial trends in and global level. (New courses running like BBA in IT, BHM, BBA in Retail management, BBA in International Business, BBA in Agri Business Management).

Future Plan:

- Major /Minor Research Projects
- New value added courses in collaboration with other Institutes.
- Bachelors in Hotel Management.
- New electives in BBA course.



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio:

No. of Teacher	No. of Students	Student Teacher Ratio
7	583	1: 40

2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
7	7	7

3. Faculty profile with name, qualification, designation, experience, nature of appointment (confirmed/ probation/temporary):

Name	Designation	Qualification	Teaching/Research Experience	Nature of Post
Dr. Rashmi Patras	Assistant Professor	MBA, B.ED, Ph.d	14 Yrs	Confirmed
Dr. Shraddha Shrivastava	Assistant Professor	M.Com, PGDCA, Ph.d	12 Yrs	Confirmed
Dr. Rashmi Singh	Assistant Professor	MHRA, Ph.d	4 yrs	Confirmed
Dr. Chitranshi Verma	Assistant Professor	MBA , NET ,Ph.d	3 yrs	Confirmed
Dr. Richa Dixit	Assistant Professor	MBA , Ph.d	1 Yr	Probation
Mrs. Aparna Dhingra	Assistant Professor	M.Sc, MBA	1 Yr	Probation
Dr. Shweta Suri	Assistant Professors	MBA, Ph.d	1yr	Probation

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
05	01	01	NIL

5. Number of academic support staff (technical) and administrative staff sanctioned, Filled and Vacant:

Post	Sanctioned	Filled	Actual
NA			



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6. Student profile programme-wise at UG and PG:

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
BBA	393	264	300	139	125	264

7. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BBA	254	05	05	0

8. Student progression/ placement record (UG/PG passed out students)

Programme	% proceeded for higher studies	% of students placed
BBA III Year	61%	15%

9. Present details of departmental infrastructural & other facilities with regard to

- Central Library Books and Journals, etc., relevant to Department- Books 4031, Journal -03 , (Infilbnet, Delnet)
- Online (books, journals etc.) Subscribed – 03
- Computers and Internet facilities for staff- Laptop -05 and Desktop -01
- Total number of class rooms - 07
- Class rooms with ICT facility - 07
- Students' laboratory
- Research laboratories
- Any other facility

10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total

11. Laboratory Facilities

Items Procured- 2021-22

S. No	Name of Item	Configuration	Quantity



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Declaration by the Head of the Department

The above information provided by the department is correct to the best of my knowledge.



Signature

Date:

Name: Dr. Rashmi Patras



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ACADEMIC AUDIT

1. **Name of the Department:** Mathematics
2. **Year of establishment:** 1951
3. **Curricular Aspects:**

a. **Does the department offer program with sufficient no. of elective options:**

Program	Semester /Year	Electives	
M.Sc	I Sem.	Paper V A. Functional Analysis I B. Integral Transform	
	II Sem.	Paper V A. Number Theory B. Topology- II	
	III Sem.	Paper IV A. Programming in C B. Functional Analysis II	
		Paper V A. Advanced Discrete Mathematics B. Mathematical Statistics	
	IV Sem.	Paper III A. Divergent Series B. Programming in C++	
		Paper IV A. Integration Theory B. Fuzzy Sets & their Applications	
		Paper V A. Mathematical Modeling B. Wavelets	
	B.Sc.	I Year	A. Calculus and Differential Equations. B. Logic and Sets C. Matrix, Geometry and Vector Algebra

b. **Course having focus on employability / entrepreneurship / skill development**

Program	Year /Sem.	Course	Activity
M.Sc. (Mathematics)	IV Sem.	Mathematical Modelling	Hands on Training, Provided small assignments like Writing a Research Papers, Thesis, Synopsis by using LATEX coding
Certificate Course	Research Scholars	Research Documentation Through LATEX	



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Year 2021-22

c. **While framing curriculum, is feed-back taken from stakeholders viz.**

Students, Alumni, Parents, Employers; brief the analytical report.

Yes, feedback was taken from all stakeholders regarding the syllabi. After a comprehensive study the feedback was put before the BOS and the reviews were highly appreciative. However they agreed that in some courses the syllabi was too vast and could be lessened. Students were also asked to give a feedback on the methodology and effectiveness of teaching which were assimilated by each subject teacher to improve upon.

d. **Number of teachers preparing & following Academic Teaching plan: 06**

e. **Do you offer Bridge/Remedial courses? If yes, Give details. Yes**

Bridge Courses

Program	Course	Subject	Teacher Incharge	No. of Students benefitted
BCA I Year	Discrete Mathematics & Algebra	Mathematics	Dr. Mandira Kar	30
BSc. I Year	Algebra, Vector Analysis & Geometry		7	
BSc. I Year	Calculus and Differential Equation		Dr. Mita Darbari	52
BSc. I Year	Algebra, Vector Analysis & Geometry		9	
BBA I Year	Business Mathematics		Dr. Akhilesh Pathak	102
M.Sc. I Sem.	Real Analysis I		12	
M.Sc. I Sem.	Advanced Abstract Algebra		Dr. Pratibha Richhariya	11
BCA I Year	Discrete Mathematics & Algebra		Dr. Archana Pasari	32
B.Sc. I Year	Calculus and Differential Equation		Mr. Satyendra Jain	52

Remedial Courses

Program	Year / Sem.	Course	Subject	Teacher In-charge	No. of Students benefitted
B.Sc.	I Year	Algebra, Vector Analysis & Geometry	Mathematics	Dr. Mandira Kar	7
M.Sc.	IV Sem.	Operation Research –II			9
M.Sc.	IV Sem.	Mathematical Modeling			12
B.Sc.	I Year	Algebra, Vector Analysis & Geometry		Dr. Akhilesh Pathak	7
B.Sc.	II Year	Advanced Calculus			74
M.Sc.	I Sem.	Real Analysis		15	
B.Sc.	II Year	Abstract Algebra		Dr. Pratibha Richhariya	38
M.Sc.	II Sem.	Advanced Abstract Algebra			15
BCA	I Year	Discrete Mathematics & Algebra		Dr. Archana Pasari	15
B.Sc.	III Year	Discrete Mathematics			30
M.Sc.	IV Sem.	Numerical Methods			6
M.Sc.	II Sem.	Complex Analysis II		15	
B.Sc.	I Year	Calculus and Differential Equation		Mr. Satyendra Jain	32
B.Sc.	III Year	Real & Complex Analysis			43
M.Sc.	II Sem.	Ordinary & Partial Differential Equation			13
M.Sc.	IV Sem.	Mathematical Modeling			10



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f. What is the method for conducting internal evaluation?

1. Online Test
2. Test
3. Quiz
4. Assignment
5. PPT Presentation

g. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.: Special Lectures:

Title of Programme (Guest Lecture /Seminar/Workshop)	Expert Person	Date	Number of Participants
Guest Lecture	Dr. Rishabh Tiwari		43
Training Programs on Vedic Mathematics	1. Dr. V. K. Gupta (Head Department of Mathematics), Director of Ramanujan Research Centre of Mathematics, Ujjain) 2. Dr. Dharmendra Yadav, Senior Technical Director National Informative Centre, Ujjain, 3. Dr. Rajendra Prakash Gupta Superintendent Jiwaji Observatory, Ujjain	13/07/2021 to 19/07/2021.	36

h. Teaching and learning reforms: Nil

i. Internal Assessment reforms: Nil

4. Number of teaching posts sanctioned, filled and vacant:

Number of Teachers	Sanctioned	Filled
6	6	6

5. Participation of the department in the curriculum development for courses offered by the Universities or any Autonomous colleges (BoS Member).

Name of the teachers	Participation in Curriculum Development in University / College
Dr. Mandira Kar	Board of Studies- Dept. of Mathematics & Computer Science, R.D.V.V. Jabalpur
Dr. Mita Darbari	Board of Studies- Atal Bihari Bajpai Hindi University, Bhopal

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
NA		



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7. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify:

Programme	Examination System
B.Sc.	Annual
M.Sc.	Semester & Choice Based Credit System

8. Information about research grants, projects completed and ongoing from National funding agencies (like UGC, DST) : Nil

S. No	Name of the Principle Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
Nil					

9. Research Publications

Name of Teacher	Papers published in peer reviewed journals
Dr. Mandira Kar	Dr. Mandira Kar- qoI-CONNECTEDNESS IN IDEAL BITOPOLOGICAL SPACES, Mathematical Sciences International Research Journal, Jul-21, Volume 10, ISSN 2278-8697
Dr. Mita Darbari	Dr. Mita Darbari- Pythagorean triangles with sum of its two legs as Dodecic , GSC Advanced Engineering and Technology, 2022, Feb-22 https://doi.org/10.30574/gsaet.2022.3.1.0028
Mr. Satyendra Kumar Jain	Mr. Satyendra Kumar Jain -Best proximity point results with their consequences and applications, Journal of Inequalities and Applications , Jun-22 , 1029-242X (Springer) https://doi.org/10.1186/s13660-022-02807-y

10. Number of publications

Papers published in peer reviewed journals	SCOPUS, Web of Science Indexing Papers	Citations	h-index	Impact factor range/Average Impact factor
1	2			

11. Chapter in Books

Author Name	Name of Book
Dr. Mandira Kar	Role of E- Resources and mind mastering strategies in Education, ISBN NO. 978-93-91267-24-7 Shree Vinayak Publication

12. Edited Books

Author Name	Book Titled
NIL	



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13. Self-Authored Book

Author Name	Book Titled
NIL	

14. Details of patents filed & granted and revenue income generated.

Name of the Teacher	Date of Applied/Sanctioned	Topic	Revenue generated
NIL			

15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated
	-	-	-

16. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

S. No	Name of the teacher	Programme
1.	Dr. Mandira Kar	International Conference on " Mathematics, Statistics, Computer and Information Sciences 2021" 09-10 July, 2021 organized by Red Talks International HQ Andhra Pradesh, India
2	Dr. Mita Darbari	1. CONFLUENCE 2.0v 2nd International Student-Faculty Exchange Programme 18th September to 1st October, 2021 in Physical Sciences discipline on the topic "Effects of Asteroids on Weather" on 25th September 2021. 2. National Workshop on 'National Education Policy 2020' organized By Department of English, Government Science College Jabalpur (M.P.) 3. Delivering the lecture on the topic "Criterion IV-Infrastructure and Learning Recourses" In Faculty Development Program On "An Overview of Revised Guidelines for NAAC Accreditation Framework in Higher Education Institution " 16th Sep 2021—24th Sep 2021 Organized By Anand Vihar College For Women, Bhopal.
3.	Dr. Akhilesh Pathak	1. Delivering the expert session on "Research Documentation Through Latex" as a Guest speaker under SAGE talk Series on 27th Dec 2021 2. Delivering the lecture on "Limit and Continuity of two variable" on 16th March 2022, Organized by Govt. PG College, Pipariya.

17. Number of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

Activity (please mention the number only)	National	International
Refresher	-	-
Orientation	-	-

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Seminar/Conference	5	1
Workshop/FDP/Training Programme	13	2
Paper presentation	-	4

18. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (other than BoS)

S. No.	Name of the Faculty	Members of committees
1	Dr. Mandira Kar	Life member - Indian Mathematical Society
		Life Member: <i>Mahakoshal Vigyan Parishad</i>
		Life Member: SIERP
		Life Member: International Education Research Centre
2	Dr. Mita Darbari	Life member - Indian Mathematical Society
		Life member Indian Society for History of Mathematics
		Life member- <i>Akhil Bhartiya Darshan Parishad</i>
		Life member- Madhya Pradesh Ganit Parishad

19. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels.

Name of Faculty	Recognition received	Professional bodies and agencies National and International
Dr. Mandira Kar	Int. Reviewer and Assistant Editor	Global Research Journal on Mathematics and Science Education.
	Int. Hon. Editorial Board Member	Educational Consultant Journal of Engineering Technology & Management Science(ISSN: 2229-9254).
	Int. Reviewer	International Journal of Mathematical Research.
Dr. Mita Darbari	Int. Reviewer	Journal of Advanced Mathematics.
	Int. Reviewer	Taylor and Francis.

20. Awards / Prizes and recognitions received by teachers at university, state, national and international level:

Name of Faculty	Awards/Recognition received	Recognition Bodies
Nil		

21. Awards and Prizes received by students at university, state, national and international level:

Curricular activities:

S. No	Name of Student	Awards/Recognition Received	Recognition Bodies
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Nil

Co-curricular:

S. No	Name of Student	Awards/Recognition received	Recognition Bodies
Nil			

22. Details of Seminars/ Conferences/Workshops/FDP organized at state, national and international level and the source of funding with details:

S.No	Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	State/National/ International	Dates
	NIL				

23. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D. Lit: 01

24. Subject-wise Results

UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.Sc. Major Mathematics	15	14	0	1	93%
2	B.Sc. Minor Mathematics	73	58	13	02	79%
TOTAL----->		88	72	13	03	

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.Sc. CS	77	60	8	9	78%
2	PCM	38	34	4	-	89%
3	CA	7	7	-	-	100%
4	ECO	21	19	4	-	90%
TOTAL----->						

UG Third year



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S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Physics, Chemistry & Mathematics	42	38	4	0	90
2	Computer Science, Physics & Mathematics	111	92	16	3	83
3	Computer Application, Physics & Mathematics	24	15	9	0	63
4	Computer Science, Economics & Mathematics	45	40	5	0	89
TOTAL		222	185	34	3	Average % = 81.25

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Mathematics	22	18	3	1	81%

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Mathematics	20	16	2	2	80%

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
	25	21	2	2	84%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
	22	20	02	-	90%



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25. Strategic Plan and its implementation (2021-22):

S.No	Month	Activity	Date of Implementation
1	28th June – 3rd July, 2021	Webinar	One Week Online Training Programme on 'Vedic Mathematics' (13-19 July 2021)
2	September	Certificate Course –I Basics of MATLAB	Duration: 18 Oct 2021- 06 Dec 2021 Total Students 17
3	October	Institutional Social Responsibility Teaching in a Marginalized School.	on 14 March 2022 , Teaching in Govt. School , Kosam Ghat, Jabalpur
4	December	Co-Curricular Activities Celebration of National Mathematics Day on 22 Dec 2022.	Celebration of National Mathematics Day & Release of News Letter of the Aloysian Mathematical Society (2019-20) on (22 Dec 2020)
5	January	Guest Lecture	Guest Lecture taken by Dr. Rishabh Tiwari on 22 March 2022
6	February	Certificate Course –II Research documentation Through LATEX	Duration: 06 April 2022- 20 April 2022 Total Students 20

26. SWOC Analysis:

Strength: The department boasts of 100% Ph.D. faculty by the next session (Mr. Satyendra Jain has submitted his thesis). Number of publications is high. 4 out of 6 are Research Guides.

Weakness: Few publications in Scopus-indexed Journals Research Projects not received by Department since long.

Opportunities: Having young qualified energetic faculty. They are trying their level best for research project and Scopus publications.

Threat: Too many activities lead to let's focus on Research activities.

27. Future Plan:

1. Four research paper shall be publish during a year in reputed Journals.
2. Hundred percent faculties shall complete Ph.D.
3. One research Project shall apply during a year.



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio:

No. of Teachers	No. of Students	Student Teacher-Ratio
06	797	1:20

2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
Associate Professor	0	02
Assistant Professor	06	04

3. Faculty profile with name, qualification, designation, experience, nature of appointment (confirmed/ probation/temporary):

Name	Designation	Qualification	Teaching/Research Experience	Nature of Post
Dr. Mandira Kar	Associate Professor	M.Sc., M.Phil., PhD	Teaching: 35 Research: 14	Confirmed
Dr. Mita Darbari	Associate Professor	M.Sc., PhD	Teaching: 34 Research: 17	Confirmed
Dr. Akhilesh Pathak	Assistant Professor	M.Sc., B.Ed., PhD.	Teaching: 10 Research: 09	Confirmed
Dr. Pratibha Richhariya	Assistant Professor	M.Sc., PGDCA, M.Phil., PhD.	Teaching: 10 Research: 11	Confirmed
Dr. Archana Pasari	Assistant Professor	M.Sc., B.Ed., PGDCA, PhD.	Teaching: 17 Research: 07	Confirmed
Mr. Satyendra Jain	Assistant Professor	M.Sc., B.Ed., SLET	Teaching: 09 Research: 05	Confirmed

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
06	None	None	None

5. Number of academic support staff (technical) and administrative staff sanctioned, Filled and Vacant: None

Post	Sanctioned	Filled	Actual



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6. Student profile programme-wise at UG and PG:

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
UG	333	176	470	102	74	176
PG	45	30	30	16	14	30

7. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.Sc. Mathematics	98	0	02	0

8. Student progression/ placement record (UG/PG passed out students)

Programme	% proceeded for higher studies	% of students placed
B.Sc. (with Mathematics)	5.91%	-
M.Sc. (Mathematics)	61.11%	33.33%

9. Present details of departmental infrastructural & other facilities with regard to

a. Central Library Books and Journals, etc., relevant to Department

Books in the Central Library relevant to Department of Mathematics: 4331

Journals in the Central Library relevant to Department of Mathematics: 07

b. Online (books, journals etc.) subscribed

1. DELNET
2. INFLIBNET
3. American Library
4. NDLI

c. Computers and Internet Facilities for Staff : Yes

d. Total number of classrooms: 05

e. Classrooms with ICT facility: 05

f. Students Laboratory: Mathematics Lab

g. Research laboratories: None

h. Any other facility: Departmental Room

10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
	2750	-	2750



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2021-22

11. Laboratory Facilities

Items Procured- 2021-22

S. No	Name of Item	Configuration	Quantity
-		-	-

Declaration by the Head of the Department

The above information provided by the department is correct to the best of my knowledge.

Dr. Mandira Kar
H.O.D.
Dept. of Maths
St. Aloysius (Auto) College
Jabalpur

Signature

Date:

Name Dr. Mandira Kar



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ACADEMIC AUDIT

1. **Name of the Department:** Physics

2. **Year of establishment:** 1956

3. **Curricular Aspects:**

a. **Does the department offer program with sufficient no. of elective options: YES**

Program	Semester / year	Electives
M.Sc.	III Sem	2 special papers with 3 elective options in M.Sc. III Sem : SPECIAL PAPER (a) CONDENSED MATTER PHYSICS – I SPECIAL PAPER (b) A Course In COMPUTATIONAL PHYSICS USING MATHEMATICA– I SPECIAL PAPER (c) ELECTRONICS – I
M.Sc.	IV Sem	1 paper with 3 elective options in M.Sc. IV Sem. ELECTIVE PAPER (a): CONCISE STUDY OF NON-LINEAR SYSTEMS ELECTIVE PAPER (b): PHYSICS OF LASERS AND ITS APPLICATIONS ELECTIVE PAPER (c) PHYSICS OF NANOMATERIAL SPECIAL PAPER (a) CONDENSED MATTER PHYSICS – II SPECIAL PAPER (b) : A Course In COMPUTATIONAL PHYSICS USING MATHEMATICA– II SPECIAL PAPER (b) ELECTROINCS – II

b. **Course having focus on employability / entrepreneurship / skill development:**

Program	Year / Sem	Course	Activity
M.Sc.	III & IV Sem	A Course In COMPUTATIONAL PHYSICS USING MATHEMATICA–I, II	Coding in Mathematica to solve real time problems

c. **While framing curriculum, is feed-back taken from stakeholders viz.**

Students, Alumni, Parents, Employers: YES

Department collects feedback from Alumni, teachers, students and their parents on various aspects of the program and the curriculum. In department meeting faculty member discuss together for reviewing the feedback. Departmental faculty members analyze the feedback on the basis of subject relevance, utility, skill enhancement, employability, global needs in current scenario. Based on the discussion, suggestions were consolidated. The consolidated feedback is discussed in



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Board of Study meeting and after approval from Board of Study, measures are taken accordingly to modify and improve the curriculum and teaching- learning process.

d. Number of teachers preparing & following Academic Teaching plan: 05

e. Do you offer Bridge/Remedial courses? If yes, Give details.

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
B.Sc I Year	Lab Courses	Physics	Dr. Deepti S. Deshpande	44
B.Sc II Year	Lab Courses	Physics	Dr. Nisha Pandey	66
B.Sc III Year	Lab Courses	Physics	Dr. Pramod Chaitanya	190

Remedial Course

Program	Year / Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
B.Sc	I Year	Paper I Paper II	Physics	Dr. Kallol Das Dr. Deepti S. Deshpande	12
B.Sc	II Year	Paper I Paper II	Physics	Dr. Nisha Pandey	20
B.Sc	III Year	Paper I Paper II	Physics	Dr. Pramod Chaitanya	20

f. What is the method for conducting internal evaluation?

Class Test, Internal Examination, Class Seminars, CCE, Quiz

g. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.: Special Lectures:

Title of Programme - Guest Lecture	Expert Person	Date	Number of Participants
Topic : Zero Shadaow Day	Dr. Laxmikant Chawre ,Center for Basic Science, Pt. Ravi Shankar Shukla University , Raipur	10th June 2021	23
Topic The Universe	Dr. Laxmikant Chawre ,Center for Basic Science, Pt. Ravi Shankar Shukla University , Raipur	15th February 2022.	44
Topic : The Mars Mission & opportunity in Astrophysics	Mr. Saket Singh Kaurav, Curator Regional Science Center, Bhopal	18th September 2022	41
Topic : Talk & Demonstration Experiments related to Basic Science	Dr. M.K. Roy, IIITDM, Jabalpur	on 25th February 2022	92



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h. Teaching and learning reforms: *As per the demand -*

- Hybrid mode classes were arranged.
- Internal exam (CCE) was conducted in diversified mode.
- Various research Projects were accomplished by M.Sc. students, under the guidance of departmental faculty, to provide exposure to research.
- Lectures on some relevant topics were conducted for UG students by experts.
- Faculty has undergone knowledge and technology updation by attending FDP/Workshop/Certificate on subject enhancement and ICT uses in Online technology

i. Internal Assessment reforms:

- Internal Assessment was done in diversified modes..
- Internal assessment mode for BSc I year- Subjective and Objective test, Classroom teaching, Presentation in practical.
- Internal assessment mode for BSc II year- Subjective test, Poster presentation, Assignment, Quiz.
- Internal assessment mode for BSc III year- Project Work, Library Survey, Subjective Test.
- Internal assessment mode for PG – Seminars, Presentation and Class review, Library Survey, Subjective test.

3. Number of teaching posts sanctioned, filled and vacant:

Number of Teachers	Sanctioned	Filled
5	5	5

4. Participation of the department in the curriculum development for courses offered by the Universities or any Autonomous colleges.

Name of the teachers	Participation in Curriculum Development
Dr. Kallol Das	1. BOS member in Dept. of Physics, RDVV, Jabalpur 2. BOS member in Dept. of Physics, Govt. Sc. College, Jabalpur

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
B.Sc. I Year	SIUniteck Electricals	INTERNSHIP

7. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and

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Grading system/ any other system, specify:

Programme	Examination System
B.Sc.	Annual
M.Sc.	Semester, Choice Based Credit System

8. Information about research grants, projects completed and ongoing from National funding agencies (like UGC, DST): NIL

S. No	Name of the Principle Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any

9. Research Publications

Name of Teacher	Papers published in peer reviewed journals
Dr. Pramod Chaitanya	Ferroelectrics (The structural and dielectric properties of Bi (Fe _{0.95} Sm _{0.05})O ₃ ceramic)
Dr. Nisha Pandey	AIP Crystalline properties of ZnO doped PMMA thin films

10. Number of publications: 02

Papers published in peer reviewed journals	SCOPUS, Web of Science Indexing Papers	Citation s	h-index	Impact factor range/Average Impact factor
Dr. Pramod Chaitanya	SCOPUS, Web of Science Indexing		59	0.69
Dr. Nisha Pandey	SCOPUS		75	0.40

11. Chapter in Books : NIL

Author Name	Name of Book

12. Edited Books : NIL

Author Name	Book Titled



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13. Self-Authored Book : NIL

Author Name	Book Titled

14. Details of patents filed & granted and revenue income generated.: NIL

Name of the Teacher	Date of Applied/Sanctioned	Topic	Revenue generated

15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated
1	Dr. Deepti Deshpande	Characterization of sample	3500/-

16. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

S. No	Name of the teacher	Programme
1	Dr. Pramod Chaitanya	Resource Person (One day workshop on International Yoga Day), St. Francis De Sales College, Nagpur

17. Number of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

Activity (please mention the number only)	National	International
Refresher	-	
Orientation	-	
Seminar/Conference	03	01
Workshop/FDP/Training Programme	01	
Paper presentation		



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18. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (give details)

S.No.	Name of the Faculty	Members of committees
1	Dr. Deepti Deshpande	Registered Academic Counselor in IGNOU

19. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels.

Name of Faculty	Recognition received	Professional bodies and agencies National and International

20. Awards / Prizes and recognitions received by teachers at university, state, national and international level: NIL

Name of Faculty	Awards/Recognition received	Recognition Bodies

21. Awards and Prizes received by students at university, state, national and international level: NIL

Curricular activities:

S. No	Name of Student	Awards/Recognition received	Recognition Bodies

Co-curricular:

S. No	Name of Student	Awards/Recognition received	Recognition Bodies

22. Details of Seminars/ Conferences/Workshops/FDP organized at state, national and international level and the source of funding with details: NIL

S. No	Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	State/National/ International	Dates



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23. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D. Lit: 1

24. Subject-wise Results

UG First year

S.NO.	GROUP /Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Major	55	49	6	-	89
2	Minor	5	4	-	1	80
TOTAL----->		60	53	6	1	88.3

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Cs-Phy	77	66	11	-	85.7
2	CA	8	7	1	-	87.5
3	PCM	38	35	3	-	92
TOTAL----->		123	108	15		87.8

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Cs-Phy	115	115	-	-	100
2	CA	23	15	8	-	65
3	PCM	41	37	4	-	90.2
TOTAL----->		179	167	12	-	93.3



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PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Physics	14	13	-	1	100%

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Physics	13	13	-	-	100%

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Physics	13	13	-	-	100%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Physics	12	12	-	-	100%



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio:

No. of Teacher	No. of Students	Student Teacher Ratio
5	504	1:20

2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
5 (Asst. Prof)	5	5

3. Faculty profile with name, qualification, designation, experience, nature of appointment (confirmed/ probation/temporary):

Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
Dr. Kallol Das	Asst. Professor, Vice-Principal	M. Sc., M. Phil, Ph. D, D.H.M.S.	34 Yrs	Permanent
Dr. Pramod Chaitanya	Asst. Professor	M.Sc, NET, JEST, Ph.D	16 Yrs	Permanent
Dr. Nisha Pandey	Asst. Professor	M.Sc, Ph.D	14 Yrs	Permanent
Dr. Poonam Pendke	Asst. Professor	M.Sc, Ph.D	11 Yrs	Permanent
Dr. Deepti Deshpande	Asst. Professor	M.Sc, B.Ed.,Ph.D	13 Yrs	Permanent

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
4		1	

5. Number of academic support staff (technical) and administrative staff sanctioned, Filled and Vacant:

Post	Sanctioned	Filled	Actual
Lab Technician	3	3	3

6. Student profile programme-wise at UG and PG:

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
UG	296	153	163	90	63	153
PG	18	16	25	7	9	16



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7. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	-	95%	5%	-
PG	75%	18.75%	6.25%	-

8. Student progression/ placement record (UG/PG passed out students)

Programme	% proceeded for higher studies	% of students placed
UG to PG	50%	
UG to B.Ed.	30%	

9. Present details of departmental infrastructural & other facilities with regard to

- Central Library Books and Journals, etc., relevant to Department** : 5961 (147 books were added in 21-22)
- Online (books, journals etc.) Subscribed** : Through various e resources like infibnet, etc
- Computers and Internet facilities for staff available for everyone** : 5 PC + 3 laptop with Wi-Fi facility
- Total number of class rooms**: 4
- Class rooms with ICT facility**: 4
- Students' laboratory**: 02
- Research laboratories**: 01
- Any other facility**: Department has well established infrastructure for research (XRD, AFM, FTIR etc.)

10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
18,000/-	12,000/-	6000/-	18,000/-

11. Laboratory Facilities

Items Procured- 2021-22

S. No	Name of Item	Configuration	Quantity
	None		



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Declaration by the Head of the Department

The above information provided by the department is correct to the best of my knowledge.

Head of the Dept of Physics,
St. Aloysius' College,
JABALPUR

Signature

Date: 30.09.2022

Name: Dr. Pramod Chaitanya



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ACADEMIC AUDIT

1. **Name of the Department:** Political Science

2. **Year of establishment:** 1951

3. **Curricular Aspects:**

a. **Does the department offer program with sufficient no. of elective options:**

Program	Semester / year	Electives
B.A.	I Yr	Indian Constitution
M.A	III Sem	Core Elective: 1. Local Government 2. Women and Political Representation 3. Comparative Politics Open Elective: 1. Political Economy of India 2. Citizen and Civic Awareness 3. Environmental Economics 4. Fundamental of Communication
	IV Sem	Core Elective: 1. Political Leadership 2. Media and Politics 3. Electoral Politics in India Open Elective: 1. Human Rights 2. Economics of Gender and Development 3. Trends and Techniques of Effective Communication

b. **Course having focus on employability / entrepreneurship / skill development**

Program	Year /sem	Course	Activity
M.A.	IV Sem	Human Rights	Article Review, Field Survey
		Certificate Course in Human Rights	Project
		Certificate Course in Right to Information and Filing RTI	Project



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- c. While framing curriculum, is feed-back taken from stakeholders viz. Students, Alumni, Parents, Employers; brief the analytical report.**

The feedback on curriculum was taken from all stakeholders i.e. students, teachers, alumni, parents and industrialists. The analysis for each question has been considered. The course content and its depth, coverage, applicability, learning value, clarity and relevance are all thus evaluated. The feedback has been positive with all stakeholders expressing satisfaction with the outcomes. A feedback analysis report has thus been prepared. The relevant and specific suggestions were discussed.

Deals with various ethical and methodological concerns in doing research writing. On the basis of Feedback Action Taken: Added topic Plagiarism and Referencing Style in Paper IV- Research Methodology of M.A. II Semester.

- d. Number of teachers preparing & following Academic Teaching plan: 3**
- e. Do you offer Bridge/Remedial courses? If yes, Give details. YES**

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
UG	B.A. I Year	Political Science	Dr. Vishwas Patel (Major- Pol.Sc.)	90
			Dr. Tuhina Johri (Major -Paper-2, Minor, Elective)	120

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
UG	I Yr	B.A.	Political Science (Major)	Dr. Vishwas Patel	30
	I yr		Political Science (Major-2, Minor, Elective)	Dr. Tuhina Johri	50
	II Yr		Political Science	Dr. Tuhina Johri Ms. Bhawna Tekam	40
	III Yr		Political Science	Dr. Vishwas Patel Ms. Bhawna	40

- f. What is the method for conducting internal evaluation?**

Quarterly & Half Yearly Examination, PPT presentation, Assignments, Unit Test, Article Review, Poster Presentation, Research Paper Writing.



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(AUTONOMOUS), JABALPUR (M.P.)

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College with Potential for Excellence (CPE) by UGC

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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2021-22

- g. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.: Special Lectures:**

Title of Programme (Guest Lecture /Seminar/Workshop)	Expert Person	Date	Number of Participants
Online Guest Lecture	Dr. Ram Shankar	23 Oct 2021	60

- h. Teaching and learning reforms:**

Think-Pair-Share method, Mind Mapping method, Google Earth

- i. Internal Assessment reforms:**

In BA I Year-Internal assessment is done through conducting three tests and presentation in a Year.

Average - best of three IA is considered for finalizing the marks. Case Studies, Book Review,

Research Paper Writing.

4. Number of teaching posts sanctioned, filled and vacant:

Number of Teachers	Sanctioned	Filled
4	4	4

5. Participation of the department in the curriculum development for courses offered by the Universities or any Autonomous colleges (BoS Member).

Name of the teachers	Participation in Curriculum Development in University / College
Dr. Vishwas Patel	Member of Board of Studies, Department of Political Science, RDVV Jabalpur
Dr. Tuhina Johri	

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
B.A. I Yr	Smart City	Internship
B.A. I Yr	Govt. School, Saliwada	Project

7. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify:

Programme	Examination System
B.A. I Year	CBCS
B.A. II & III Year	Annual
M.A	CBCS



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8. Information about research grants, projects completed and ongoing from National funding agencies (like UGC, DST)

S. No	Name of the Principle Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
	NIL				

9. Research Publications

Name of Teacher	Papers published in peer reviewed journals
NIL	

10. Number of publications

Papers published in peer reviewed journals	SCOPUS, Web of Science Indexing Papers	Citations	h-index	Impact factor range/Average Impact factor
NIL				

11. Chapter in Books

Author Name	Name of Book
Dr. Vishwas Patel	"E- Learning in India During Covid-19: Prospects and Challenges". <i>Role of E-Resources and Mind Mastering Strategies in Education</i> . Shree Vinayak Publication, Agra (2021) pp-131-136. ISBN 978-93-91267-24-7
Dr. Tuhina Johri	"E- Learning in India During Covid-19: Prospects and Challenges". <i>Role of E-Resources and Mind Mastering Strategies in Education</i> . Shree Vinayak Publication, Agra (2021) pp-131-136. ISBN 978-93-91267-24-7
Dr. Vishwas Patel	"Migrant Labour Problem in India: An Overview". <i>Migrant Labour Issues and Challenges</i> . Shree Vinayak Publication, Agra (2022) pp-150-157. ISBN 978-93-91267-33-9
Dr. Tuhina Johri	"Migrant Labour Problem in India: An Overview". <i>Migrant Labour Issues and Challenges</i> . Shree Vinayak Publication, Agra (2022) pp-150-157. ISBN 978-93-91267-33-9
Ms. Bhawna Tekam	"Political Analysis of the Crisis of Migrant Labour in India During COVID-19" <i>Migrant Labour Issues and Challenges</i> . Shree Vinayak Publication, Agra (2022) pp-150-157. ISBN 978-93-91267-33-9

12. Edited Books

Author Name	Book Titled
NIL	



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13. Self-Authored Book

Author Name	Book Titled
NIL	

14. Details of patents filed & granted and revenue income generated.

Name of the Teacher	Date of Applied/Sanctioned	Topic	Revenue generated
NIL			

15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated
1	Dr. Tuhina Johri	Paramarash	5000

16. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

S. No	Name of the teacher	Programme
	NIL	

17. Number of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

Activity (please mention the number only)	National	International
Refresher	-	-
Orientation	2 teachers	
Seminar/Conference	Seminar-03 teachers	
Workshop/FDP/Training Programme	Workshop-03 teachers FDP-03 teachers	FEP-03 teachers
Paper presentation	National Seminar-02 teachers	

18. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (other than BoS)



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S. No.	Name of the Faculty	Members of committees
1	Dr. Vishwas Patel	<ul style="list-style-type: none">Member of Examination Committee, Govt Mahakoshal Arts and Commerce (Auto) College, JBP.Member of Selection Committee of Assistant Professors, St. Paul Institute of Professional Studies Indore.

19. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels

Name of Faculty	Recognition received	Professional bodies and agencies National and International
Dr. Tuhina Johri	Reviewer	Reviewer for the International Journal of Research and Innovation in Social Science (IJRISS)

20. Awards / Prizes and recognitions received by teachers at university, state, national and international level:

Name of Faculty	Awards/Recognition received	Recognition Bodies
NIL		

21. Awards and Prizes received by students at university, state, national and international level:

Curricular activities:

S. No	Name of Student	Awards/Recognition received	Recognition Bodies
NIL			

Co-curricular:

S. No	Name of Student	Awards/Recognition received	Recognition Bodies
1	Sashikala	Certificate and cash Prize of 2000 Rs. In Speech Competition : Zonal Level- 3 rd Position, District Level- 2 nd Position	Nehru Yuva Kendra, JBP
2	Muskan Haardaha	Certificate and Cash Prize of 1000 rs.in speech Competition :District Level 3 rd Position	Nehru Yuva Kendra, JBP
3	Ashutosh	Secured II Position in Quiz Competition- Received Certificate & Trophy	State Level Youth Festival Maharaja Chhatrasal Budelkhand Vishwavidyalaya Madhya Pradesh



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Year 2021-22

4	Robin Singh	Secured II Position in Quiz Competition- Received Certificate & Trophy	State Level Youth Festival Maharaja Chhatrasal Budelkhand Vishwavidyalaya Madhya Pradesh
---	-------------	---------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------

22. Details of Seminars/ Conferences/Workshops/FDP organized at state, national and international level and the source of funding with details:

S. No	Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	State/National/ International	Dates
	NIL				

23. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D. Lit: 01

24. Subject-wise Results

UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Political Science (Major)	110	96	6	8	87.27%
2	Political Science (Minor& Elective)	81	77	-	4	95.06%
TOTAL----->						

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Political Science	213	207	01	05	97.18%
TOTAL----->						

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Political Science	223	223	-	-	100%
TOTAL----->						



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Year 2021-22

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Political Science	23	22	01	-	95.6%

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Political Science	23	21	2	-	91.3%

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Political Science	21	21	-	-	100%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Political Science	21	21	-	-	100%

25. Strategic Plan and its implementation (2021-22):

S.No.	Month	Activities
1	10 August 2021	Release Newsletter 'Pravah'
2	11 September 2021	Online Group Discussion
3	16 October 2021	Field Survey
4	22 November 2021	Commencement of Certificate course in RTI
5	26 November 2021	Constitutional Day
6	10 December 2021	Human Rights Day
7	17 January 2022	Commencement of Certificate Course in Human Rights
8	25 January 2022	Voters Day
9	10 January 2022	Release Newsletter 'Pravah'
10	11 February 2022	Online Guest Lecture
11	26 February 2022	Online Workshop on Research Methodology



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1. SWOC Analysis:

STRENGTH

- Academic excellence – Consistently good academic result.
- Faculties are actively involved in research activity.
- Strong teacher- student relationship.
- ICT enabled learner-centered teaching mode.
- Enhancement of knowledge levels of students through add on certificate courses.
- Cordial relationship of faculty with parents through regular parent teacher meeting.
- Study the parliamentary process through visit to Loksabha/Vidhan Sabha
- Develop leadership skill and political awareness about Parliamentary Democracy among students conducted Youth Parliament.
- Participation of PG students in International/National Seminars/conferences and workshops.
- Punctuality in completing syllabus.

WEAKNESS

- MOUs and Linkages
- Book publication in thrust areas of research

OPPORTUNITIES

- Conduct Survey Program to study the voting behavior and make a career in this field as a Psephology.
- Potentialities of Consultancy services.
- Interdisciplinary research projects.
- Opportunities to find research grants from Govt. Agencies.

CHALLENGES

- Many students are from rural background, the challenge of the department is to groom them to make them face the challenge of today's world.
- To ensure better performance of the students in civil service exams.
- Progression rate of UG to PG and Ph.D.

2. Future Plan:

- Establish Research Centre.
- Publish Text Book.



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio:

No. of Teacher	No. of Students	Student Teacher Ratio
04	191	1:30

2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
Assistant Professor	04	04

3. Faculty profile with name, qualification, designation, experience, nature of appointment (confirmed/ probation/temporary):

Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
Dr. Tuhina Johri	Assist. Prof.	M.A., Ph.D	13 yrs	Permanent
Dr. Vishwas Patel	Assist. Prof	M.A., M.Phil, Ph.D	22 Yrs	Permanent
Rev. Fr. Ben Anton Rose	Assist. Prof.	M.A.	7 Yrs	Permanent
Ms. Bhawna Tekam	Assist. Prof.	M.A., NET	2 Yrs	Contractual

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
3	1	-	-

5. Number of academic support staff (technical) and administrative staff sanctioned, Filled and Vacant:

Post	Sanctioned	Filled	Actual
NA			

6. Student profile programme-wise at UG and PG:

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
UG	130	115	0	64	51	115
PG	30	25	0	11	14	25



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7. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.A. (Pol.Sc.)	96%	-	04%	-

8. Student progression/ placement record (UG/PG passed out students)

Programme	% proceeded for higher studies	% of students placed
M.A. Pol.Sc.	50%	-

9. Present details of departmental infrastructural & other facilities with regard to

- Central Library Books and Journals, etc., relevant to Department:** 4445 Books
- Online (books, journals etc.) Subscribed** INFLIBNET, DELNET, PDFCHM.NET, NDLI, The American Library
- Computers and Internet facilities for staff :** 1 Desktop , 3 Laptop, 24X7 WiFi
- Total number of class rooms :** 05
- Class rooms with ICT facility :** 05
- Students' laboratory :**
- Research laboratories :**
- Any other facility**

10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
35300	Books- 25,000	Stationary/ Project/ Viva/Meeting/ Cartridge/seminar-workshop attended- 10,300	35300

11. Laboratory Facilities

Items Procured- 2021-22

S. No	Name of Item	Configuration	Quantity
	NA		



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Declaration by the Head of the Department

The above information provided by the department is correct to the best of my knowledge.

Head
Dept. of Political Science
St. Aloysius' College (Auto.)
Jabalpur M. P.

Signature

Date:

Name: Dr. Tuhina Johri



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ACADEMIC AUDIT

1. Name of the Department: Department of Computer Science

2. Year of establishment: 1991

3. Curricular Aspects:

a. Does the department offer program with sufficient no. of elective options:

Program	Semester / year	Electives
BA	I	Data Processing Software
B.Com	I	Data Processing Software
B.Sc (CS)	I	1. Computer System Architecture 2. Programming basics and data structure.. 3. MS Office 4. Data Visualization 5. Multimedia and Animation
B.Sc (CA)	I	1. Programming in C 2. Data Processing Software 3 MS Office 4. Data Visualization 5. Multimedia and Animation
BCA	I	1 Computational Mathematics 2. MS Office 3. Data Visualization 4. Multimedia and Animation
M.Sc(CS)	I, II, III, IV	1. Big Data Analytics 2. Cloud Computing 3. Cyber Security 4. Data Science using Python 5. Artificial Intelligence 6. Digital Marketing

b. Course having focus on employability / entrepreneurship / skill development



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Program	Year /sem	Course	Activity
Skill Development Program	PG I Sem	Computer Awareness	Object created in different applications like Photoshop, MS Excel and MS Word etc.
Vocational Course	UG I Year	Digital Marketing	Demonstration on content marketing, SEO, search engine marketing
		Web Designing	Template designing
		Desktop Publishing Course	Card making, flex making
Certificate/Diploma courses	For every year	Diploma in Computer Operator	.Mini Project in Excel

- c. While framing curriculum, is feed-back taken from stakeholders viz. Students, Alumni, Parents, Employers; brief the analytical report. Yes
- d. Number of teachers preparing & following Academic Teaching plan: Yes
- e. Do you offer Bridge/Remedial courses? If yes, Give details. Yes

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
BA I Year	Computer Application	Computer Fundamentals	Mr. Amit Kumar Yadav	20
B.Com I Year	Computer Application	Computer Fundamentals	Mrs. Sukhvinder Kaur Walia	160
			Ms. Arifa Anjum	145
B.Sc (CS) I Year	Computer Science	Computer Fundamentals	Ms. Mala Das	57
BCA I Year		Computer Fundamentals	Mr. Swapnil Justin	30
M.Sc (CS) I Sem	Computer Science	Basics of Programming	Mrs. Khushbu Gupta	12

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
BCA	I	BCA	Programming in C++	Mrs.Siby Samuel	7
BCA	II	BCA	Data Structure using C++	Prakash Kumar Lange	14
BCA	III	BCA	MIS	Mr.Amit Kumar Yadav	1
B.Com	I	Computer Application	Data Processing Software	Mrs.Sukhvinder K.Walia	176
				Ms.Arifa Anjum	90



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B.Com	II	Computer Application	Programming in C++	Mrs.Shradha Soni	87
			Computer Networks and RDBMS	Ms.Arifa Anjum	85
B.Com	III	Computer Application	PHP	Mrs.Sukhvinder Kaur Walia	
B.Sc (CS)	I	Computer Science	Data Structure	Mrs. Khushbu Gupta	27
B.Sc (CS)	II	Computer Science	Programming in Java	Mrs.Khusbhu Gupta	30
B.Sc (CS)	III	Computer Science	RDBMS	Mrs.Sukhvinder Kaur Walia	20
BA	I	Computer Application	Data Processing Software	Mr.Amit Kumar Yadav	19
BA	II	Computer Application	Computer Networks and RDBMS	Swapnil	8
BA	III	Computer Application	ASP.Net	Amit Kumar Yadav	5

a. What is the method for conducting internal evaluation?

Offline Mode:- Written Test, Practical Test, Practical Viva, Mini Projects, Major Projects

Online Mode:- Quiz using Kahoot, E- Assignments, viva , Online test

b. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.: Special Lectures:

Title of Programme (Guest Lecture/ Seminar /Workshop)	Expert Person	Date	Number of Participants
Special lecture on Grid computing and its application	Dr.Gyanendra Shrivastava Head Department of Computer Science, MATS University.	12/11/2021	45
Online guest lecture on Cloud Computing	Mr.Praneet Verma ,AWS Certified	18//1/2022	24

f. Teaching and learning reforms:

- Mind Mapping
- Brain Storming
- Explanation method
- Lecture Cum Demonstration
- Assignment Method
- Group Discussion
- Explanatory
- Just in time teaching
- Experiential learning



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g. Internal Assessment reforms:

- Skill assessment Practical Test
- Major/field Project follow up
- Debugging Exercise
- Technical Presentation
- Peer Learning and evaluation
- Internship follow-up

4. Number of teaching posts sanctioned, filled and vacant:

Number of Teachers	Sanctioned	Filled
15	15	15

5. Participation of the department in the curriculum development for courses offered by the Universities or any Autonomous colleges (BoS Member).

Name of the teachers	Participation in Curriculum Development in University / College
Dr. Siby Samuel	BOS, Rani Durgavati University, Jabalpur
Mrs. Sukhvinder Kaur	BOS (Maharishi Mahesh Vedic University), Mata Gujri Mahila Mahavidyalaya as an alumni

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
Red Hat Certified System Administrator	Rostris Infotech Private Limited, Bangalore, India	Cloud based practical
(BCA/B.Com/BSc)-I Year	Rostris Infotech Private Limited, Bangalore, India	Internship
B.Sc (CS) –I Year	Dawe Brothers	Internship

7. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify:

Programme	Examination System
M.Sc (CS) I Sem and III sem	Choice Based Credit System(Semester)
BCA I Year	Annual +Grading +Credit System
BCA II Year and III Year	Annual
BA I Year	Annual +Grading +Credit System
BA II Year and III year	Annual
BSc (CS) I Year	Annual +Grading +Credit System
BSc(CS) II Year and III Year	Annual
B.Sc(CA) II Year and III Year	Annual
B.Com (CA) I year	Grading +Credit System
B.Com (CA) II Year and III year	Annual



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8. Information about research grants, projects completed and ongoing from National funding agencies (like UGC, DST)

S. No	Name of the Principle Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
	Nil				

9. Research Publications

Name of Teacher	Papers published in peer reviewed journals
Dr. Siby Samuel	Integrating Adaptive and Intelligent practices for an active E-learning environment, Posit if Journal, Vol 22, Issue 6, pp 132- 143, 2022 International Conference Augmenting the Virtual Environment Technology, Innovation, Humaninty
Mr. Ankit Dubey	Multilevel K-Means Density Based Flow Clustering Algorithm for Data Streams” March 22, 2022, A journal of Physical Sciences, Engineering and Technology Vol.14
Mrs. Shradha Soni	Proceedings of the International Conference on Emerging Trends in Artificial Intelligence and Smart Systems, THEETAS 2022, 16 th -17 th April 2022, ISSN-2593-7642, Publisher-European Alliance for Innovation.

10. Number of publications

Papers published in peer reviewed journals	SCOPUS, Web of Science Indexing Papers	Citations	h-index	Impact factor range/Average Impact factor
2				

11. Chapter in Books

Author Name	Name of Book

12. Edited Books

Author Name	Book Titled

13. Self-Authored Book

Author Name	Book Titled



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14. Details of patents filed & granted and revenue income generated.

Name of the Teacher	Date of Applied/Sanctioned	Topic	Revenue generated

15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated
1	Mrs. Sukhvinder K. Walia	Certificate Course (student outside the college)	3000/-
2	Dr. Siby Samuel	As a resource person	10,000/-
		Expert as an Academic Audit	5000/-

16. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

S. No	Name of the teacher	Programme
1	Dr. Siby Samuel	As a resource person in Teacher's Training Programme on 14th June, 2022, organized by Christukula Mission Higher Secondary School.
2	Dr. Ankit Dubey	Webinar on "Ranking Process by NIRF" organized by the Additional Director Office, Jabalpur Division, Department of Higher Education Government of Madhya Pradesh on 30th November 2021 & 1st December 2021.

17. Number of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

Activity (please mention the number only)	National	International
Refresher	Nil	Nil
Orientation	Nil	Nil
Seminar/Conference	Nil	14
Workshop/FDP/Training Programme	11	2
Paper presentation	9	1

18. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (other than BoS)

S.No.	Name of the Faculty	Members of committees
01	Dr. Siby Samuel	Member of External Academic Audit, Government Geetanjali Girls Post Graduate Autonomous College, Bhopal



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19. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels.

Name of Faculty	Recognition received	Professional bodies and agencies National and International
Nil		

20. Awards / Prizes and recognitions received by teachers at university, state, national and international level:

Name of Faculty	Awards/Recognition received	Recognition Bodies

21. Awards and Prizes received by students at university, state, national and international level:

Curricular activities:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies

Co-curricular:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies

22. Details of Seminars/ Conferences/Workshops/FDP organized at state, national and international level and the source of funding with details:

S. No	Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	State/National/ International	Dates
1	Advancement in Physical, Mathematical and Computation Sciences	Self	136	International	24th -25th June

23. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D. Lit: Nil

24. Subject-wise Results

UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT



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1	BCA	59	54	0	5	91.52%
2	B. Sc(CS)-I	57	53	0	4	96%
3	B.Com (CA)	290	262	26	2	95%
4	BA	30	29	1	0	99%
5	B. Sc (CA)	N/A	N/A	N/A	N/A	N/A
TOTAL----->		406	369	26	11	95%

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BCA	48	46	0	2	95.83%
2	B.Sc (CS)	98	88	0	10	90%
3	B.Sc(CA)	8	7	0	1	99%
4	B.Com	243	219	07	09	95%
5	BA	24	17	4	3	70%
TOTAL----->		421	377	11	25	94%

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BCA	48	46	0	2	95.83%
2	BCom	227	220	05	02	96.92%
3	B.Sc(CS)	153	151	2	0	98%
4	BA	14	13	0	1	99%
5	B.Sc(CA)	23	14	4	5	70%
TOTAL----->		465	444	11	10	97%

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.Sc (CS)	21	20	01	0	99%

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.Sc (CS)	20	20	0	0	100 %



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PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.Sc (CS)	23	23	00	00	100%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.Sc (CS)	23	23	0	0	100%

25. Strategic Plan and its implementation (2021-22):

Date	Activity	Teacher In charge
10 th September 2021	Bridge Classes for B.Sc /B.Com/BCA /BA I year/M.Sc I sem	All Class teachers
15 th Sep 2021	Commencement of Computer Operator Course	Mrs. S.K.Walia
27 th September 2021	Commencement of Computer Literacy Programme	Ms. Arifa Anjum
5 th October	Guest Lecture for UG students	Mrs. Saroj Junghare
20 th October to 30 th October	Training Programme on Web Technologies	Mr. Amit Yadav
20 th November 2021	Expert talk on "Machine Learning and Deep Learning".	Mr. Ankit Dubey
15 th October 2021	Commencement of DOEACC Course	Mr. Swapnil Justin
10 th Jan 2022	Commencement of Red Hat Training Programme	Mrs. Shraddha Soni
27 th November 2021	One Day Technical talk on "Blockchain technologies".	Mr. Ankit Dubey
15 th November 2021	Commencement of Certificate Course on "Movie Making and Animation".	Ms. Prabhjyot Kaur
6 th December 2021	Commencement of Certificate Course on "Machine Learning using Python".	Mrs. Khushboo Gupta
18 th December	Guest Lecture for PG students	Mrs. Saroj Junghare
10 th Jan 2022	In house Students Workshop on "Iot and its Application".	Mr. Swapnil Justin
5 th Feb 2022	Research Paper Review by PG students	Mrs. Khushboo Gupta
27 th Feb 2022	Input session on "Carrier Options in Computer Science and IT fields".	Ms. Prabhjyot Kaur
Departmental Administrative Work	Examination Panel	Mrs. S.K.Walia
	IQAC : AAA	Mrs. S.K.Walia and Mr. Swapnil Justin
	Infotech times	Mr. Ankit Dubey
	IT trends	Mrs. Shraddha Soni
	Time table preparation	Mrs. Khushboo Gupta
	Departmental Secretary and Writing Minutes	Mr. Swapnil Justin
	Internship Programme	Mrs. Shraddha Soni
	Departmental Finance	Mrs. S.K.Walia
	BOS Secretary and Syllabus	Ms. Prabhjyot Kaur
	Stock Entry	Mr. Amit Yadav
	Lab maintenance	Mr. John
	Criteria I	Mrs. Saroj Junghare
	Criteria II	Mrs. Shraddha Soni & Mr. Amit Yadav
	Criteria III	Ms. Prabhjyot Kaur
Criteria IV	Mr. Ankit Dubey	



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	Criteria V	Mrs. Khushboo Gupta
	Criteria VI	Ms. Arifa Anjum
	Criteria VII	Mr. Swapnil Justin
	Departmental Report	Mrs. Saroj Junghare
	Universal and Social values Celebration	Mr. Amit Yadav

26. SWOC Analysis:

1. Strength

- Undergraduate and graduate programmes that meet market demands.
- Faculties engaged in institutional automation initiatives.
- Faculty commitment to quality, positive moral, commitment to seek opportunities
- Adequate infrastructure

2. Weakness

- Involving under graduate students in research.
- Lack of collaborative research/projects among the faculty member.
- Lack of activities between faculty, students and industry
- Sponsored/non-sponsored research projects
- Research infrastructure

3. Opportunities

- Starting new courses (PGDCA)

4. Challenges

- Lack of IT industries in local area for providing industrial exposure.
- International collaboration
- NRI students attraction
- Contribute to rural development.

27. Future Plan:

- International conference on "Recent trends in Data Mining"
- National Workshop on "IoT and Machine Learning".



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio:

No. of Teacher	No. of Students	Student Teacher Ratio
15	1200	1:20

2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
Assistant Professor	15	15

3. Faculty profile with name, qualification, designation, experience, nature of appointment (confirmed / probation/temporary):

Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
Dr. Siby Samuel	Assistant Professor	M.Sc, M.Phil, Ph.D	18	Permanent
Mrs.Sukvinder Walia	Assistant Professor	M.Sc, M.Phil	18	Permanent
Mrs.Khushbu Gupta	Assistant Professor	M.Phil	15	Permanent
Mrs.Prabjyot	Assistant Professor	MCA	12	Permanent
Mr.J. Rajeshwar Rao	Assistant Professor	MCA	12	Permanent
Mr.Amit Kumar Yadav	Assistant Professor	MCA, M.Tech.	12	Permanent
Mr.Ankit Dubey	Assistant Professor	Ph.D	12	Permanent
Ms.Mala Das	Assistant Professor	M.Sc, M.Phil	12	Permanent
Mrs.Shradha Soni	Assistant Professor	MCA, UGC-Net	11	Permanent
Mrs.Saroj Junghare	Assistant Professor	MSc(CS), M.Phil(CS)	10	Permanent
Mr.Prakash Lange	Assistant Professor	M.Sc(CS)	9	Permanent
Ms.Arifa Anjum	Assistant Professor	M.Sc(CS)	8	Permanent
Mr.Swapnil Justin	Assistant Professor	M.Phil, M.Sc(CS)	7	Permanent
Ms.Anjali Jagwani	Assistant Professor	M.Sc(CS)	4	Permanent
Mr.Jitendra Jain	Assistant Professor	M.Sc(CS)	4	Permanent

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
9	4	2	0

5. Number of academic support staff (technical) and administrative staff sanctioned,



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Filed and Vacant:

Post	Sanctioned	Filled	Actual
2	2	2	2

6. Student profile programme-wise at UG and PG:

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
BCA I Year	113	60	60	40	20	60
B.Com I Year	325	309	200	178	131	309
BA I Year	30	22	30	10	12	22
M.Sc (CS) I Year	29	24	30	5	19	24

7. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
BCA I Year		85	15	
B.Com I Year		90	10	
B.Sc (CS)I Year		70	30	
BA I Year		75	25	
M.Sc (CS) I Year	100%			

8. Student progression/ placement record (UG/PG passed out students)

Programme	% proceeded for higher studies	% of students placed
B CA III	82%	10%
B.Sc (CS) III year	91%	2%
B.Com III Year	85%	1%
B.Sc (CA)III Year	90%	Nil
M.Sc (CS) IV Sem	40%	10%

9. Present details of departmental infrastructural & other facilities with regard to

a) Central Library Books and Journals, etc., relevant to Department-

Books:- 5454

Journal-4

E-Books:-8220

E-Journal-38

Magazine-3

b) Online (books, journals etc.) Subscribed-04

c) Computers and Internet facilities for staff -Comp-06 with Wi-Fi facility

d) Total number of class rooms 6

e) Class rooms with ICT facility 6

f) Students' laboratory -04

g) Research laboratories -01

h) Any other facility - Electronic Podium, Touchpad, Projector, E-Podium



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10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
50,000/-	-	50,000/-	0

11. Laboratory Facilities

Items Procured- 2020-21

S. No	Name of Item	Configuration	Quantity
1	Laptop connectors		5

Declaration by the Head of the Department

The above information provided by the department is correct to the best of my knowledge.

Signature

Name S. K. Walia

Date:



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Number of Academic Support Staff (technical) and Administrative Staffsanctioned, filled and vacant:

S. No	Name of Staff	Designation	Qualification	Pay Scale
1	Mr. Prakash D. Parwar	L.D.C.	B.Com	32800-103800
2	Mr. Anto J. Thattill	Lab Tech.	B.SC	42700-135100
3	Mr. Saji Xavier	L.D.C.	M.Com. M.A. B. Lib.	28700-91300
4	Mr. Tejrao Soni	Book Lifter	B.Com.	19500-62000
5	Mrs. Jagrati Tiwari	Off. Asst.	M.COM	5200-20200
6	Mr. Santosh Chamkel	Off. Asst.	M.COM	5200-20200
7	Mr. Johan Lal Yadav	Lab. Tech.	BCA	5200-20200
8	Mr. Yusuf Khan	Off. Asst.	M.COM	5200-20200
9	Mrs. Mary Indra Norbert	Off. Asst.	MA.	5200-20200
10	Mr. Brian Clayton	Asst. Account.	BSC	5200-20200
11	Mrs. Martha Mathew	Off. Asst.	BA	5200-20200
12	Mr. Basant Namdeo	Off. Asst.	BA	5200-20200
13	Mr. Gagandeep S. Saggi	Off. Asst.	BCOM(CA)	5200-20200
14	Mr. Mohit Raxe	Off. Asst.	BCA	5200-20200
15	Mr. Vineeth M Menon	Off. Asst.	BA, DTS	5200-20200
16	Mr. Shiv Prasad Pandey	Lab. Att.	BA II YEAR	5200-20200
17	Mr. Rajendra Prasad	Lab. Att.	BA ITI	5200-20200
18	Mr. Anil Rajak	Peon	10th Pass	5200-20200
19	Mrs. Krishana Bai	Farrash	6th Pass	5200-20200
20	Mr. Mukesh Kumar	Lab. Att.	10th Pass	5200-20200
21	Mr. Suresh Kumar	Farrash	10th Pass	5200-20200
22	Mr. James. Joseph	Lab. Att.	10th Pass	5200-20200
23	Mr. Raju Fernandes	Peon	8th Pass	5200-20200
24	Mr. Jitendra Charles	Lab. Att.	8th Pass	5200-20200
25	Mr. Rajesh Khanojia	Lab. Att.	12th Pass	5200-20200
26	Mr. Abdul Anwar	Peon	12 th Pass	5200-20200
27	Mr. Sandeep Jhariya	Driver	10th Pass	5200-20200
28	Mr. Jitendra Parihar	Peon	5th Pass	5200-20200
29	Mr. Sudesh Parwar	Lab. Att.	8th Pass	5200-20200



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30	Mr. Chanda Bai	Farrash	5th Pass	5200-20200
31	Mr. Ashish Naigam	Peon	8th Pass	5200-20200
32	Mr. Bharat Prajapati	Peon	8th Pass	5200-20200
33	Mr. Manish Yadav	Lab. Att.	10th Pass	5200-20200
34	Mr. Ritesh Kumar	Peon	10th Pass	5200-20200
35	Mr. Manoj Sahu	Peon	10 th Pass	5200-20200
36	Mr. Mohan Markam	Peon	8 th Pass	5200-20200
37	Mrs. Sharmila Lakra	Lab. Peon	B.A	5200-20200
38	Mrs. Rajeshwari	Gen. Main	12 th pass	5200-20200
39	Mrs. Rupa Bichhail	Maintenance	9th Pass	5200-20200
40	Mrs. Arti Matel	Maintenance	6th Pass	5200-20200
41	Mrs. Radha Gautam	Maintenance	7th Pass	5200-20200


Finance/Accounts Officer
St. Aloysius College (Auto.)
Jabalpur (M.P.) 482001

Seal & Signature

Date:



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Central Instrumentation Lab

Staff Profile

S. No	Name	Posts	Experience
1	Dr. Manju Gupta	Assistant Professor	Teaching- 18 Years Research- 16 Years
2.	Dr. Mamta Gokhale	Asst. Prof. & Coordinator, IC & DIC, SAC	Teaching- 16 Years Research- 17 Years
3.	Mr. Manoj Sahu	Lab Attended	7 Years

Projects details

S. No	Name of the Faculty	Name of the Project
1	Dr. Mamta Gokhale	Bio design Innovation Center, Sponsored by MHRD, New Delhi (from 2015-16)
2	Dr. Manju Gupta	WOS- A Sponsored by Department of Science & Technology, New Delhi (Completed in March 2022)

Infrastructure Facilities (procured 2021-22)

Item	Configuration	Cost
NONE		

Achievements

1. One Patents "A Multipurpose Herbal Composition and method for producing the same." 1/12798/2020-MUM, Date of filing -19.03.2020, Published, Date of Publication- 27.08. 2021. Granted
2. Instruments of central lab were used to train students of B.Sc. I Year, Govt. Home Science College, Jabalpur for Internship under the Guidance of Dr. Mamta Gokhale.
3. One International paper of Impact Factor 9.3 (Food Chemistry, Elsevier Publication) has been published by Dr. Manju Gupta.
4. Three National Papers (Impact Factor: 1.5-4.5) have been published by Dr. Mamta Gokhale

Seal & Signature of CIL In-charge



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College Central Library

Library Staff Profile

S. No.	Name	Post	Qualification	Experience
01	Mrs. Archana Dubey	Librarian	M Lib. I Sc.,M.A.(Economics) M.A.(Political Science) PGDCA	19
02	Mrs. Premlata Sharma Swami	Assistant Librarian	M.Lib. I Sc. B.ed, M.A. History M.Phil,PGDCA	18

Library Committee

S. No	Name of the Teacher	Position
01	Dr. Hepjibah John	Library Committee In charge
02	Dr. Tuhina Johri	Member
03	Dr. Mamta Gokhle	Member
04	Mr. Prakash Kumar Lange	Member
05	Mr. Nitin Swamy	Member
06	Dr. Amita Chatri	Reading Room In charge
07	Dr. Dilip Koshta	Member

Library Collections:

1. Total volume of books: 82336
2. Total titles of books: 32379
3. Total(Book Bank) books: 3339
4. Journals & magazines: 169
5. E- Books: Through E- Resources (Inflibnet & Delnet)
6. Total No. of CD, DVD etc: 950
7. Back Volumes (BVJ): 3042
8. Newspapers: 17
9. Any other: (News Letter) 09



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E-Libraries:

E-Library	Subject Area/URL
INFLIBNET	https://inflibnet.ac.in/
DELNET	https://delnet.in/
LIBRARY OPAC	http://103.91.62.101/ECAS/UserLogin.aspx?ClientID=11600
Digital Library	http://103.91.62.105/electures/login/index.php
E-Lectures	http://electures.staloyuscollege.ac.in/login/index.php
National Digital Library (NDL)	https://ndl.iitkgp.ac.in/

Library Services:

- Current Awareness Services (CAS)
- New arrivals services
- Newspaper clipping daily mail services
- Print Journal service
- Library Orientation program for student and staff
- Technical sessions for students and Staff
- Open Access to stack area for staff & student
- Online Public Access Catalogue through LAN
- Automated Library with Bar-coding
- Digital Library with 36 PC
- Circulation
- Book Bank for SC/ST & under Privileged
- Printing
- Reprography
- Reference Services
- Reading Hall
- Wi-Fi Connectivity
- Previous Year Question Paper Service. (Online and Print)


Librarian
St. Aloysius College
Jabalpur (M.P.)

Seal & Signature of Chief Librarian



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2021-2022

Sports and fitness center

Staff Profile

S. No	Name	Post
1.	MS. ROHELA PILLAY	Sports Officer
2.	MR. HARISH KUMAR DUBEY	Asst. Prof.

Committee

S. No	Name	Position
1.	DR. ASHU JAIN	Member
2.	DR. SUNIL TIWARI	Member

Infrastructure

S.NO.	Ground and Equipment's
1.	Gym- Men and Women (Separate) For Men - 24 Station Multi Gym, a Cycle, 2 Manual Treadmill, a Twister, 5 Sets of Dumbles, and 2 Sets of Barbells. For Women - 2 Treadmills, a Cross Trainer, 3 Cycles, 1 Twister, 5 Sets of Dumbles, and a Massager.
2.	Basketball Court
3.	Football Ground
4.	Volleyball Ground
5.	Handball Court
6.	Table Tennis Hall
7.	Badminton Hall
8.	Track and Field
9.	Kabaddi Ground



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Year 2021-2022

Achievements

S. No	Student's Name	Event	Description	Achievement
1.	MUSKAN KIRAR	Archery	<ul style="list-style-type: none"> World Championship September 2021, USA World Cup Stage 1, Antalya, Turkey 17-24 April World Cup Stage 2 Shanghai, China 15-22 May World Cup Stage 3 Paris, France dated 19-26 June 2022 World Games Birmingham, USA, 07-17 July 2022. KHELO INDIA ARCHERY GAMES, Bangalore 2022 	SILVER MEDAL - Bronze Medal - - Silver & Bronze Medal
2.	MAHAMMAD ZAID MANSOORI	Martial art	1st International All Style Martial Arts February 2022 (Kumite Event.)	Silver Medal
3.	CHIRAG VIDYARTHI	Archery	KHELO INDIA ARCHERY GAMES, Bangalore 2022	Gold & Silver Medal
4.	SHIVANSH AWASTHI	Archery	KHELO INDIA ARCHERY GAMES, Bangalore 2022	Gold Medal
5.	ADITYA UPADHYAY	Archery	KHELO INDIA ARCHERY GAMES, Bangalore 2022	Gold Medal
6.	SEYAD FAIZAN	Judo	KHELO INDIA ARCHERY GAMES, Bangalore 2022	Participation
7.	ADITI SHRIVASTAVA	Wushu	<ul style="list-style-type: none"> All India University Wushu Championship 2022 19th Junior National Wushu championship March 2021 Kungfu (Wing Chun Event). 	2 Bronze Medals Silver Medal
8.	ASHUTOSH SONI	Wushu	30th Senior National Wushu Championship December 2021 Group Event.	Gold Medal
9.	AYUSH KOSTA	Dodgeball	14th Senior National Dodgeball Championship October 2021	SECOND Position
10.	KARTIK SHARMA	Wushu	22nd Sub-Junior And Senior National Wushu Championship November 2021(Nanquan Event)	Gold Medal
11.	YASHIKA SHARMA	Strength lifting	31st National Strength Lifting & Incline Bench Press Championship December 2021. Lifted 155 kg weight in +80 weight category breaking the record of 2016 of 150kg weight.	Gold Medal
12.	MITALI YADAV	Taekwondo	4th Open National Taekwondo Championship December 2021 -49 kg Weight category.	Silver Medal



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2021-2022

Any other details:

Seal & Signature of Sports Officer

SPORTS OFFICER
ST. ALOYSIUS COLLEGE
JABALPUR (M.P.)



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ADMINISTRATIVE AUDIT

Year 2021-22

Examination Cell

Staff Profile

S. No	Name	Post
1	Dr. Fr. G. Vazhan Arasu	Principal & Chief Controller of Examination
2	Dr. Mrs. Anjali D'Souza	Controller of Examination
3	Dr. Vishwas Patel	Deputy Controller of Examination
4	Dr. Sonali Nigam	Custodian
5	Dr. Anthonima Kenneth Robin	Custodian
6	Mr. Tej Rao Soni	Office Assistant
7	Mr. Brain Clayton	Office Assistant
8	Mrs. Martha Mathew	Office Assistant
9	Mrs. Annie Jaison	Office Assistant
10	Mr. Sandeep Jhariya	Class-IV
11	Mr. Mohan Markam	Class-IV

Infrastructure

Exam Cell- consists of Cabins for Controller of Examination and Deputy Controller of Examination, Working area for office assistants, confidential area having Computer Unit equipped PCS, printers, duplicator, Xerox machine and software for examination purpose.

Statutory Examination Bodies

- Academic council
- Board of Studies
- Exam Committee
- Moderation committee
- Result committee
- Committee for Review of Answer books
- UFM Committee
- Degree Committee

Examination Pattern

S. No	Programme	Subjects	Examination	Marks
1	B.Sc.	Foundation Course, Physics, Chemistry, Botany, Zoology, Biotechnology, Industrial Microbiology	Annual Pattern	80
2	B.Sc.	Foundation Course, Math, Computer Science, Physics, Electronics, Computer Application, Economics	Annual Pattern	80
3	BA	Foundation Course, Economics, Pol. Science, History, Eng. Literature, Hindi Literature, Functional English, Functional Hindi, Computer Application	Annual Pattern	80
4	B.Com	Foundation Course, Accounting, Business Management, Applied Economics, Tax Procedure and practice, Computer	Annual Pattern	80



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ADMINISTRATIVE AUDIT

Year 2021-22

		Application		
5	B.Com (Hons)	Six Papers	Annual Pattern	80
6	BCA	Eight Papers	Annual Pattern	80
7	BBA	Six Papers	Annual Pattern	40
8	MSc	Math's, Chemistry, Zoology, Biotechnology, Microbiology, Computer Sci., Physics	Semester	40
9	MA	Economics, Pol.Science, Eng. Literature	Semester	40
10.	M.Com	All subjects	Semester	40

Examination reforms- NEP 2020 was implemented in the Year 2021-2022

1. Proposed Structure UNDERGRADUATE PROGRAM (Annual Examination System) according to Ordinance 14 B

It envisages moving towards a multidisciplinary, UNDERGRADUATE education to enable multiple entry and exit points for student.

UG Programs will be:

1st Year – 40 Credits on completion equivalent to Certificate Courses.

2nd Year – 80 Credits on completion equivalent to Diploma Courses.

3rd Year – 120 Credits on completion equivalent to Bachelor Degree Courses.

4th Year – 160 Credits on completion equivalent to Bachelor (Hons) Degree Courses.

In the 1st Year Student will have a choose a Subject:

Major Subject	12 Credits
Minor Subject	06 Credits
Elective Subject	06 Credits
<i>Vocational Course</i>	
SEC (Skill Enhancement Course)	04 Credits
AEC (Ability Enhancement Course) 4+4	08 Credits
❖ Paper I (4 Credits) (Hindi & English)	
❖ Paper II (4 Credits) (Environmental Science & Yogic Science)	
Field Project/Internship/Apprenticeship/Common Engagement	04 Credits

Total 40- Credits



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ADMINISTRATIVE AUDIT

Year 2021-22

2. Duration of exams: Major, Minor & Elective – 3 hrs duration
3. Vocational & AEC - 2 hrs Duration
4. Paper of 3 hrs duration Will consists of long answer question, short answer question and objectives type question.
5. Marks distribution:
 - ❖ Theory – 70 External, 30 Internal
 - ❖ Practical – 50 External 50 Internal
6. Internal Assessment – 3 Written Exam & one of any mode, the mark of best 2 to be considered
7. AEC exam (Paper- I & Paper- II) to be conducted by OMR Sheets (different set of papers were used)
8. Vocational Course – Interdisciplinary therefore conducted separately 14 courses were offered by the college.
9. Result to be declared by Grade sheets on 10 points Scale and calculating AGPA according to the Formula

$$AGPA = \frac{\sum (C_i \times G_i)}{\sum C_i}$$

Digital Evaluation System

Pre Exam-

- Board of Studies: Prepares the list of qualified examiners
- Exam Committee: Prepares the Panel of Examiners
- Paper setting by Appointed Examiners
- Selection of Question Paper(s) by Principal
- Moderation of Question paper
- Typing, Proof reading & Printing of Question Papers

Pre Exam process for students-

- Display of examination fee and schedule for submission
- Allotment of Subject Codes (Theory/Practical/CCE)
- Generation of students' roll list
- Display of tentative and final time table of the examination
- Generation of admit cards and downloading by the students

Pre Exam Process - Conduction of Exam-

- Appointment of Assistant Superintendents



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ADMINISTRATIVE AUDIT

Year 2021-22

- Preparation of list of Invigilators and flying squads
- Preparation of answer sheets with OMR cover page
- Preparation of seating plan
- Logistics like attendance sheets and answer scripts prepared
- Provision to read Barcode values printed on the Answer booklets for internal security and audit trail

Examination Process-

- Practical and viva-voce examinations are conducted by Departments
- Printed question papers handed over to Principal by Controller of Examination
- Assistant Superintendent receives the question paper from Principal on the day of exam
- Sealed packed Question Paper opened by Assistant Superintendent in front of 2 invigilator and 1 student 15 min prior to examination
- Visit by Flying squads during examination

Post Exam Process-

- Answer sheets submitted by the invigilators to Assistant Superintendent
- Answer sheets are then handed over to the custodians
- Part A of the OMR sheet of every answer script is retained and scanned
- Roll numbers on supplementary answer sheets are concealed and sent to Evaluator
- After evaluation part B (containing marks) of OMR sheet is scanned and matched with the barcode of part A
- OMR reader obtains marks and generates results automatically
- Results verified and approved by the Result Committee
- Results declared and displayed
- Copy of the results & tabulation sheets sent to University
- Final mark sheets prepared, Counter-signed by University (RDVV) and distributed
- Generation of payment / remuneration to examiners / evaluators

ATKT/ Supplementary Exams-

- ATKT/Supplementary exam conducted.
- Answer sheets are then handed over to the custodians
- Part A of the OMR sheet of every answer script is retained and scanned



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Dr. Mrs. Anjali Deouza,
Controller of Examination
St. Aloysius College (Auto.)
Jabalpur (M.P.)

Seal & Signature of Controller of Examination



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ST.ALOYSIUS COLLEGE (AUTONOMOUS) JABALPUR2



St. Aloysius' College
(Autonomous) Jabalpur
An Accredited 'A' grade by NAAC

REACCREDITED 'A+' BY NAAC WITH CGPA (3.58/4.00)
COLLEGE WITH POTENTIAL FOR EXCELLENCE BY UGC
DST-FIST SUPPORTED & STAR COLLEGE SCHEME BY DBT

WILD LIFE WEEK 2021-22
CELEBRATION 1.10.21-7.10.21

ORGANISED BY- DEPARTMENT OF ZOOLOGY
&
"ALOYSIAN ZOOLOGICAL SOCIETY"
OPEN FOR ALL STUDENTS (SCHOOL AND COLLEGES BOTH)

REGISTRATION LINK-

<https://forms.gle/9L3S3A9S>

Wild Life Photography