

IQAC

ACADEMIC ADMINISTRATIVE AUDIT 2023-24



A Good Education is founder for a
Better future!

Education is the Manifestation of the
Perfection Already Existing in Man



- Swami Vivekananda.

ACADEMIC AND ADMINISTRATIVE AUDIT

2023-24

1. Dr. Fr. Davis George (Chairman)
Director
St. Aloysius Institute of Technology
Jabalpur
2. Prof. N.G. Pendse
Department of Economics
Rani Durgavati University
Jabalpur
3. Dr. Smita Shrivastava
Principal
St. Aloysius Institute of Technology
Jabalpur

ST. ALOYSIUS COLLEGE
Jabalpur



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 10/07/2024

The Audit Team comprised of the following external members:

1. Dr. Fr. Davis George (Chairman
) Director
St. Aloysius Institute of
Technology Jabalpur
2. Prof. N.G. Pendse
Department of Economics
Rani Durgavati University
Jabalpur
3. Dr. Smita
Shrivastava Principal
St. Aloysius Institute of
Technology Jabalpur

Process

Before the site visit, the college provided comprehensive self-evaluation reports for each department, which the audit team thoroughly reviewed. Following this, the audit team conducted site visits to the departments, engaging in detailed discussions with faculty members. The resulting academic and administrative audit report highlights a clear progressive trajectory for the college, reflecting significant advancements in both academic performance and administrative processes. This positive trend underscores the college's ongoing commitment to improvement and excellence.

Overall Assessment and Comments

About college

St. Aloysius' College witnessed a remarkable academic year in 2023-24, marked by significant achievements. The session began with an Orientation Programme on 26 July 2023, introducing new students to the college's facilities and examination system. The college hosted an eleven-day Global Education Partnership Program in March 2024, engaging students in discussions on the global economy. The institution achieved a 100% pass rate in several undergraduate and postgraduate programs. Numerous seminars, including those on economic integrity and sustainable education, highlighted the academic calendar. Faculty members actively contributed to research, publishing books, research papers, and participating in international and national conferences. The college also secured notable rankings in India Today magazine. Extracurricular achievements were equally impressive, with students excelling in NCC, cultural events, and sports, earning accolades at international, national, and university levels. The college's commitment to holistic education continues to set a benchmark in the region.

Observations

Department of Botany

The Department of Botany and Microbiology, established in 1998, offers both undergraduate and postgraduate programs, featuring electives like "Applied Botany," "Tools and Techniques in Industrial Microbiology," and "Biomolecules." The curriculum emphasizes employability and skill development, with practicals in fermented pickle preparation, DNA barcoding for medicinal plants, and microorganism isolation from dairy products. Enrichment programs include workshops on sustainable agriculture and bio-patenting guest lectures. The department also offers value-added courses like "Mushroom Cultivation" and "Water Quality Monitoring." Functional MoUs with institutions like Jawaharlal Nehru Krishi Vishwa Vidyalaya facilitate workshops and lectures. Notable achievements include publications on Trichoderma and bacterial decolorization and a patent filing.

Commendations

- Innovative, industry-aligned curriculum
- Diverse and specialized elective courses
- Strong focus on practical skills and entrepreneurship
- Highly qualified and experienced faculty
- Active encouragement of research and innovation

Recommendations

- Introduce internship opportunities
- Expand research facilities
- Offer interdisciplinary courses
- Enhance industry collaboration
- Promote more student-led projects

Department of Biotechnology

The department provides a comprehensive curriculum with a range of electives focused on employability, entrepreneurship, and skill development, including "Environment and Elementary Ecology" and "Medical Biotechnology." Hands-on training is offered in courses like "DNA Barcoding" and "Medical Diagnostics." The department's patent filings enhance its academic and industry relevance. Students have excelled in both curricular and co-curricular activities, earning

national recognition. Regular seminars and workshops further enrich the academic environment, promoting continuous learning and innovation.

Commendations:

1. Diverse options in M.Sc. and B.Sc. programs.
2. Strong focus on vocational training and certifications.
3. Enrichment through expert lectures and workshops.
4. Notable faculty publications and awards.

Recommendations:

1. Expand to cover new biotechnology fields.
2. Increase student research opportunities.
3. Expand industry and academic partnerships.

Department of Chemistry

The department offers a flexible curriculum, allowing students to choose foundational courses like "Biology for Chemists" and specialized subjects such as Analytical Chemistry and Medicinal Chemistry. Employability is enhanced through practical certificate courses like "Instrumentation and Analytical Techniques, Fun and Facts with Food," which provide practical skills and entrepreneurial insights. Continuous feedback from students, alumni, and employers ensures the curriculum stays aligned with industry standards and job market demands.

Commendations

1. The program offers a diverse range of courses and electives, allowing students to tailor their studies according to their interests and career goals.
2. Certificate courses and hands-on training enhance employability and provide real-world skills.

Recommendations

1. Enhance Industry Collaboration: Increase partnerships with industry for internships and real-world project opportunities.

Department of Computer science

he Department offers a diverse selection of electives across its programs, with a strong focus on employability and skill development in areas like Data Visualization, IoT, Cloud Computing, and

Artificial Intelligence. Student enrichment programs feature workshops and guest lectures on relevant topics. The department's research output includes peer-reviewed publications, book chapters, and edited volumes, along with patents filed for AI-based systems. Overall, the department adopts a comprehensive and dynamic approach to education and research.

Commendations:

1. Practical courses and industry guest lectures.
2. Use of mind mapping and experiential learning.
3. Partnerships like Red Hat certification.

Recommendations:

1. Enhance Industry Links: More internships and live projects.
2. Seek more funding for research.
3. Target high-impact journals.
4. More student involvement in research.
5. Strengthen Alumni Network: Better connections and mentorship.

Department of Economics

The Department, offers diverse range of elective options namely Micro and Macro Economics, Money Banking, and more, with vocational courses such as Export Import Management. Employability and skill development are emphasized through field work, internships, and project work, particularly in courses like Economics of Growth and Development and Statistical Inferences. Stakeholder feedback has led to the inclusion of recent topics, skill enhancement, and ethics-related subjects in the curriculum. Enrichment programs feature guest lectures by industry experts. Teaching reforms include diverse methods like active learning and exploratory fieldwork.

Commendations:

1. Diverse Elective Options
2. Courses include practical elements such as fieldwork, internships, and project work, which enhance employability and skill development.
3. Use of diverse teaching methods such as active learning, group discussions, and field surveys to accommodate diverse learning styles.
4. Regular organization of guest lectures, seminars, and workshops with external experts to enrich student learning experiences.

Recommendations:

1. Increase the number of research publications and grants to strengthen the department's research profile.
2. Encourage faculty to participate in more international conferences and workshops to gain broader recognition and exchange ideas.
3. Introduce more value-added courses and ensure completion rates are tracked for continuous improvement.

Department of English

The Department offers a diverse range of electives, including American Literature and Indian Diaspora Literature, with a curriculum focused on employability and skill development through courses like Functional English and a French Language Program. Feedback has led to improved phonetics training and updated internships. Teaching reforms, such as SEA for Functional English and literary quizzes, enhance learning. Best practices include a Lit-Fest and peer-teaching initiatives. The department also provides value-added courses in French and communication skills, with collaborative efforts with institutions like iSPELL and Ardent Knowledge to support skill development. The department maintains a strong academic framework, actively participating in national and international academic activities and consultancy services.

Commendations:

1. Wide range of elective options, including core and open electives.
2. Courses like Functional English and French Language Program enhance job readiness.
3. Innovative methods like SEA for Functional English and literary quizzes.
4. Initiatives such as Lit-Fest and peer-teaching.
5. Partnerships with institutions like iSPELL and Ardent Knowledge.

Recommendations:

1. Continue updating based on emerging trends and feedback.
2. Consider additional courses to cover more contemporary topics.
3. Increase faculty involvement in research projects and publications.
4. Enhance ties with industry for better internship and job placement opportunities.

Department of Hindi

he Department offers a curriculum with diverse electives and vocational courses aimed at enhancing employability and skill development, including office procedures and communication skills. The focus on employability is reinforced through activities like translation, feature writing, and shorthand, while workshops on computer work in Hindi and public speaking support skill development. Feedback from stakeholders is actively integrated into curriculum development, ensuring relevance to local needs. The department also provides bridge and remedial courses, particularly for non-Hindi speakers.

Commendations:

1. Offers a range of electives and vocational courses enhancing employability and skills.
2. Focuses on practical skills like translation, shorthand, and public speaking.

Recommendations:

1. Expand Postgraduate Programs
2. Increase Industry Collaboration
3. Enhance Research Grants
4. Develop Online Resources: Increase availability of online journals and books for broader access.
5. Promote International Collaborations

Department of History

the History Department offers a broad curriculum with a range of electives in its BA program, covering topics from ancient to modern history. The curriculum incorporates employability skills through field projects and internships, with stakeholder feedback driving continuous improvements, particularly in practical aspects.

Commendations:

1. Diverse Curriculum: Offers a broad range of electives and courses from ancient to modern history.
2. Employability Focus: Includes field projects and internships to enhance practical skills.

Recommendations:

1. Initiate a postgraduate course to advance academic offerings.
2. Provide additional resources and support for competitive exams.

Department of Management

The Department offers vast range of electives designed to cover diverse business disciplines, including Human Resource Management and Marketing Management. The curriculum emphasizes employability and skill development through courses such as Entrepreneurship Development and Corporate Taxation, supported by practical activities like industrial trips and project work.

Commendations

1. A wide range of elective courses offered across semesters, providing students with flexibility and specialized knowledge.
2. Strong focus on employability, entrepreneurship, and skill enhancement through practical courses and activities like projects, case studies, and industry visits.
3. Regular organization of guest lectures, workshops, seminars, and educational trips with industry experts to enhance student learning.
4. Integration of classroom instruction with practical exposure, enhancing the overall learning experience.

Recommendations

1. Encourage faculty to publish more in peer-reviewed journals and participate in research projects to enhance academic output.
2. Strengthen ties with industries for more extensive collaboration in terms of internships, live projects, and curriculum development.
3. Increase the number of value-added courses and monitor their impact on student employability.
4. Enhance alumni involvement in curriculum design and student mentoring to leverage their industry experience.

Department of Mathematics

Commendations:

1. Continuously updated elective offerings.
2. Published in prestigious journals and authored influential books.
3. Organized state-level event like "Ganit Parv".

Recommendations:

1. Establish partnerships with industries for practical exposure and research.

2. Seek funding for research projects from national agencies.
3. Increase the number of ongoing research projects and interdisciplinary collaborations.

Department of Physics

The Department provides a range of elective options, such as Computational Physics and Condensed Matter Physics. It focuses on employability and skill development with courses like Electrical Technology and Coding in Mathematica. Future plans include introducing new job-oriented courses and placing a strong emphasis on renewable energy systems.

Commendations

1. Offers a wide range of elective and vocational courses.
2. All faculty members hold Ph.D. degrees and actively contribute to research and curriculum development.
3. Established research laboratory and faculty-led student projects.

Recommendations

1. Develop strategies to attract and retain student interest in Physics.
2. Enhance partnerships with industries for internships and real-world project opportunities.

Department of Political science

The Department offers a variety of elective options, including Political Theory, Globalization, Comparative Politics, and Media. It actively supports NET preparation and facilitates projects on cross-cutting issues. Additionally, the department provides certificate courses in Human Rights and RTI to further enhance student learning and skill development.

Commendations:

1. Diverse Curriculum: The department offers a comprehensive range of electives and core courses at both undergraduate and postgraduate levels, catering to various interests in political science.
2. Employability Focus: Integration of practical activities such as panel discussions, research presentations, and field surveys enhances students' employability and skill development.
3. Student Enrichment Programs: Regular guest lectures, workshops, and seminars involving external experts enhance learning experiences and provide valuable industry insights.

Recommendations:

1. Focus on enhancing research output.
2. Strengthen Industry Collaborations: Develop more partnerships with industries and institutions for internships and practical experiences, providing students with real-world exposure.

Department of Zoology

The Department offers a variety of elective courses aimed at enhancing employability and skill development, including “Human Diseases” and “Wildlife Conservation.” Practical vocational courses like Vermicomposting and field visits to aquaculture sites are integrated into the curriculum. The department also maintains industry collaborations, including internships with the Tropical Forest Research Institute. Overall, the department is strongly committed to academic excellence and practical skill development.

Commendations:

1. Offers a wide range of electives, enhancing student learning in areas like Wildlife Conservation and Biotechnology.
2. Integrates employability-focused courses and practical activities like internships.
3. Functional MoUs with industries provide practical learning opportunities.

Recommendations:

1. Seek national grants to support research initiatives.
2. Expand Value-Added Courses: Offer more courses to enhance student skills and employability.

Library

The library offers a collection with 87,274 books across 66,489 unique titles, 123 journals and magazines, and a vast digital repository of 264,254 e-books and 13,116 e-journals available through INFLIBNET and DELNET. It features a digital library with 30 PCs, Wi-Fi, and Drill Bit Plagiarism Software to ensure academic integrity. Services include book banks, reprography, and online catalog access (OPAC). While student satisfaction is high, recommendations include improving access to digital resources, raising awareness of library facilities, and enhancing teacher support.




Examination Cell

The Examination Cell reviewed essential processes, including exam planning, scheduling, conduct, evaluation, and result publication. It maintains a well-structured examination calendar, communicates schedules effectively, and utilizes OMR-based answer booklets for efficient evaluation. Procedures for question paper setting and moderation ensure fairness and alignment with curriculum objectives, and stringent security measures are upheld during exams. To further optimize exam procedures, continuous feedback collection and regular internal audits are recommended.

Sports

The Sports Department features a comprehensive infrastructure with facilities such as a basketball court, volleyball court, badminton hall, kabaddi hall, football ground, handball court, a multi-station gym for boys, and a well-equipped girls' fitness room. The department has achieved significant success in various national and international sports competitions. Students have excelled in events like shooting, Wushu, karate, and archery, earning medals at the Asian Para Games, National Games, and Khelo India Games, among others. These accomplishments reflect the department's strong emphasis on both physical fitness and competitive excellence, highlighting its commitment to nurturing athletic talent and fostering a culture of sportsmanship and well-being among students

Signature of Audit Team Members:

External Auditors	Signature
Dr. Fr. Davis George (Chairman) Director St. Aloysius Institute of Technology Jabalpur	
Prof. N. G. Pendse Department of Economics Rani Durgavati University Jabalpur	
Dr. Smita Shrivastava Principal St. Aloysius Institute of Technology Jabalpur	

Date of Audit

10 / 7 / 2024

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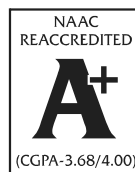
PRINCIPAL
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ST. ALOYSIUS' COLLEGE

(Autonomous)

College with Potential for Excellence by UGC
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Dr. Fr. J. Ben Anton Rose (M.A., B.Th., Ph.D.)



Principal's Report 2023-24

"Success isn't always about greatness. It's about consistency. Consistent hard work leads to success. Greatness will come."

Dwayne Johnson

St. Aloysius' College, a premier institute of the city has been consistently progressing towards better results in both academic and non-academic spheres. The diligent hard work and perseverance of students and teachers over the long span of time has aggrandized a reputation that speaks volumes about the College. With the highest CGPA (NAAC) in the state of Madhya Pradesh, the college continues to march and lead other institutions in Central India.

ACADEMICS:

The session 2023-24 had been an eventful year with a number of accomplishments and lessons learnt. The college started with great ardor and enthusiasm on 26 July 2023 by welcoming the first year students and organized an enriching Orientation Programme for them with an aim to apprise them with college examination system, autonomy, facilities like clubs & societies, library, ICT, Role of English and Hindi Language.

"You must be the change you wish to see in the world" said Mahatma Gandhi. St. Aloysius' College (Autonomous), Jabalpur organized an eleven days Global Education Partnership Program (GEP) under Global Understanding Program (GUP) on the theme "Global Economy" from March 18-28, 2024 in which seventy-two students participated from seven institutions belonging to different parts of India as well as abroad.

The college values and understands the significance of timely result announcement for final year students. In the city of Jabalpur St. Aloysius' College was the only institute that announced the results of UG & PG in the months of May-June. In the session 2023-24, a total 1568 students appeared for UG and 167 in PG final examinations. The total pass percentage for the Under Graduate classes viz B.A./B.Sc./B.C.A. was 100%; B.B.A. was 99.58%; B.Com. was 98.88% and of Post Graduate classes viz M.A.- Political Science and English Literature was 100%; M.Sc. Chemistry, Computer Science, Zoology, Mathematics and M.Com. was 100%.

The college regularly organizes national seminars, conferences and workshops to professionalize and equip the faculty members. The following are the details: A two-days National Seminar on "Prospects of India towards Economic Integrity: Visualization of Vasudhaiva Kutumbakam" sponsored by the Indian Council of Social Science Research (ICSSR) was organised by the Department of Economics on 21-22 July 2023, with the aim of exploring India's economic landscape in the global context. The Department of Commerce organised a National Seminar on "G-20 and Green Growth: Collaborative Action for a Sustainable Future under Saptrishi Budget 2023" on 24-25 November 2023 sponsored by ICSSR. This seminar highlighted the G20's role in shaping policies for green

growth and sustainable development, emphasizing collaborative actions for a sustainable future. The Department of Education organised a two days National Seminar on “Education for Sustainability: Navigating the Changing Landscape of Higher Education” sponsored by ICSSR on 2-3 March 2024. The Department of Chemistry conducted a National workshop on “Synergetic Research Approach through RSM, Molecular docking and SPSS for Scientific Computation” sponsored by MPCST from 4 to 6 January 2024.

The college faculty was actively engaged in research and publication. The college teachers published 03 self-authored books, 07 edited books, 01 monograph. The faculty attended and participated in International (03), National (91), Workshops (12), and Faculty Development Programmes (82). Research & Publication in this session had been fruitful and rewarding. The faculty members published 12 research papers in Scopus Index, 12 in Web of Science, 17 in UGC Care List and 99 book chapters in various reputed international and national journals.

I am happy to share that in the session 2023-24, as per the *India Today* magazine of higher education institutions, the College secured the following All India ranking: 74th in Arts, 89th in Commerce, 105th in B.B.A., 104th in Science and 131st in B.C.A.

The departments of the college provided varied opportunities to students to excel and participate in different curricular and extra-curricular activities conducted through various fests *viz* Lit Fest, Chem-Fest, Zoo-Fest, Eco-Fest, *Vigyanam Garjana*, Bharat Business Conclave 2.0 and *Meraki*.

The Annual Prize distribution ceremony for the session 2021-22 was held on December 20, 2023. The Chief Guest for the function was Most Rev. Leopoldo Girelli, Apostolic Nuncio, India and Nepal, Most Rev. Gerald Almeida, Bishop, Catholic Diocese of Jabalpur and Fr. Abraham T., Vicar General present as the Guest of Honour. The meritorious students were rewarded with 40 gold medals and 40 certificates from various fields. The Annual Prize distribution ceremony for the session 2022-23 was held on February 22, 2024. The Chief Guest for the function was Justice Rajendra Menon, Chairman armed Forces Tribunal, The programme was presided over by Most Rev. Gerald Almeida, Bishop, Catholic Diocese of Jabalpur and the Special Guest, Former Principal, St. Aloysius' College and Director, St. Aloysius Institute of Technology, Dr. Fr. Davis George. The meritorious students were rewarded with a total of 47 gold medals and 35 certificates from different streams. It gives me great pleasure to report that our college has attained research center status in the field of commerce.

The Placement Cell organised training sessions and placement drives for the final year students via programme called *UDAAN* in collaboration with TIME that benefitted numerous students for their upcoming future. Such programmes lead to achievements, Ms. Keya Chakraborty of M.Sc. IV semester-Physics was selected as Optical Engineer (on project) in LEOS, Laboratory of Electro-optical Systems, ISRO Bangalore, 80 students have also been placed in companies like Collabera, Concentrix, Jaro Education, Codeyoung, Teleperformance, No Broker, SBI Securities, SBI Credit Cards, Planet Spark, TCS, Sutherland, Assist Click, and British Telecom.

EXTRA-CURRICULAR:

“The quality of life is determined by its activities” said Aristotle. The college has a remarkable track record in extracurricular activities and is at the forefront in leading by example in various co-curricular activities ever since its inception. In NCC, the cadets have performed outstandingly and brought laurels to the institution. In the session, Cadet Aditi Chouksey (Ship Modeling Briefer), Cadet Aditi Mishra (Singing), Cadet Praduman Dubey (PMs Rally), Cadet Captain Harshit Singh Mehrolia (All India Best Cadet) participated in the prestigious Republic Day Camp 2024 at New Delhi and Cadet Shilpa Panna and Cadet Bharti Verma attended the Nau Sainik Camp at INS Shivaji Lonavala, Mumbai. Cadet Captain Harshit Mehrolia secured second position as all India Best Cadet in Senior Division Navy, was also recipient of the Warrior Medallion from Corps Commander of 21 Corps in Bhopal Military Station, and a medal from Hon'ble Chief Minister of Madhya Pradesh, a cheque of Rs. 2100 from Hon'ble Governor of Madhya Pradesh, cash prize of Rs. 2500

from Corps Commander of 21 Corps Bhopal Military Station, Rs. 30,000 as cash prize from Hon'ble Chief Minister of Madhya Pradesh and Rs. 25000 from Additional Director General of Madhya Pradesh and Chhattisgarh Directorate. SUO Adeeti Mishra and UO Yashika Jain received cash prizes of Rs. 3500 each as group level Best Cadet.

In the cultural field, Falguni Ghansela participated in the National Youth Festival at Agricutural University, Jalandhar and secured 2nd position in Western Solo and 3rd position in Solo Sugam singing competition and Sidhharth Tiwari secured 6th position in Quiz. The college students participated in Zonal Youth Festival organized at Subharti Merrut from 29 -31 January 2024. The students won first prize in quiz competition and Solo western.

SPORTS:

The college sustains commendable success rate in sports activities from the time of its inception. This year in sports, the college performed excellently as evident in its multiple awards detailed below. At the International levels: Mehak Jaiswal (B.A. IV Sem.)- 2nd position in 1st Asian Dueball Championship in December 2023, Mumbai; Tanya Jatav (B.Com. IV Sem.)-5th place in 11th Asian Junior Wushu Championship in August 2023 Macao, China; Rubina Francis (M.Com. I Sem.)- bronze medal in Shooting Asian Para Games 2023-24, Hangzhou, China and Aarti Tiwari (B.A. II Sem.) and Sapna Pandey (B.Com. II Sem.)- Two bronze medals in individual and team events in 13th Silent Knight Karate Cup at Malaysia. At the National level: Vanshika Namdeo (B.Com. IV Sem.)- gold medal in Wushu National Games and Chirag Vidhyarthi (B.Com. III Year)- gold medal in Archery National Games, Goa. *Khelo* India National Games: Tanya Jatav (B.Com. IV Sem.)- gold medal in Wushu, Bhagwati Nagar, Jammu and Vanshika Namdeo (B.Com. IV Sem.)- bronze medal in Wushu in February Rachi, Jharkhand. At South West Zone Competitions: Amey Rai (B.A. I Year)- gold medal in Archery at Bhatinda University; Amit Kumar (B.A. II Year)- Overall gold medal in Archery; Kritika Bichpuriya (B.C.A. II year)-two gold medals in Archery; Aarti Tiwari (B.A. I year)- silver medal in Karate in January, Bhopal and Chirag Vidhyarthi (B.Com. III Year)- One silver and two bronze medals in Archery. At All India University level: Vanshika Namdeo (B.Com. IV Sem.)- four gold medals at All India University at University of Jammu; Tanya Jatav (B.Com. IV Sem.)- two gold medals at All India University at University of Jammu and Chirag Vidhyarthi (B.Com. III Year)- gold medal in Archery at Patiala University.

The college teams participated in Intercollegiate tournaments organised by the various colleges under the supervision of Rani Durgavati Vishwavidhyalaya, Jabalpur and were winners in- Badminton (men & women); Chess (men & women); Football (women); Basketball (men & women); Volleyball (men); and Kho Kho. The College teams were runners-up in Cricket, Table Tennis (women), Kabaddi, Football (men), Handball (men), Cricket (women), Football (men). In the session 2023-24 students participated in various games and earned laurels for the college. At International level 05, *Khelo* India University 06, All India University 12, Inter University 22, Nationals 13, *Khelo* India National 02, National Games 02, State 57 and District 96 students participated.

Once again, I would quote the Father of the Nation, "Our ability to reach unity in diversity will be the beauty and test of our civilization". The Jabalpur Inter Religious Forum (JIRF) strives to kindle the light of tolerance, amity and contentment, fostering universal brotherhood/sisterhood amongst the society members by celebrating various festivals. The college celebrated festivals like Deepawali, Gurunanak Jayanti and Christmas. The Deepawali function was celebrated on 18 November 2023, Hon'ble Justice Shri Vishal Dhagat, High Court, Madhya Pradesh, Jabalpur, was present as the chief guest. The Most Rev. Gerald Almeida, Bishop of the Catholic Diocese of Jabalpur, was the guest of honour and the message was delivered by Dr. Sonal Ameen. The Gurunanak Jayanti was celebrated on 2 December 2023 Dr. R. S. Chandok, Principal, Sri Guru Tegh Bahadur Khalsa College, Jabalpur was present as the chief guest. The guest of honour was Prof. S. Manohar Singh Reel, President, Jabalpur Sikh Sangat (Regd). The Christmas programme was celebrated on 21 December 2023, Shri Jagat Bahadur Singh, Mayor Jabalpur was the chief guest of the function. Most Rev. Gerald Almeida, Bishop of Catholic Diocese of Jabalpur,

graced the function as the Guest of Honour and the message was delivered by Rev. Fr. Vijay Maravi, parish priest of Ghana, Jabalpur.

The Annual Social Gathering was held on 22 and 23 December 2023 and is one such platform that provides ample opportunities to showcase the creative and artistic talents of our enthusiastic students. On the first day, Shri Rakesh Bajpai, Head, Department of Physics & Electronics, Rani Durgavati Vishwavidhyalaya Jabalpur was the Chief Guest and on the second day, Shri Ashok Ishwardas Rohani, MLA Cantt. Jabalpur, Guest of Honour was Prof. Vivek Mishra, Dean of Social Sciences and Head Department of Political Science. The students participated with full zeal and excitement in this extravaganza of songs, dance and skits.

The college as part of Institutional Social Responsibility (ISR) cell, organised multiple activities under SPARSH programme. These initiatives are undertaken to generously give back to society what it receives. The college regularly organizes guest lectures and awareness campaigns on conjunctivitis, sustainable farming, blood donation drive, plantation drive, eye check-up camps, yoga, etc. to foster holistic development.

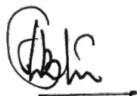
The College witnessed three retirements of non-teaching staff this year. On 31 July 2023 Mr. Prakash Parwar, accountant and Krishna Bai retired after their long services, sincerely devoted to the betterment of the college. On 30 September 2023 Mr. Anto J. Thattil also retired from his services as a lab attendant from the Chemistry department. The College upholds them in gratitude for their sincere duties and wishes them good luck in their new phase of lives.

January 13, 2024 will be etched in the history of St. Aloysius' College, when the Principal Dr. Fr. J. G. Vazhan Arasu was announced as the Bishop Elect of Catholic Diocese of Jabalpur by the Pope from Rome, Italy. As the Bishop Elect of Diocese of Jabalpur, the Principal bid adieu to the Aloysian family for greater duties. A memorable farewell was arranged for Msgr. Dr. Fr. J. G. Valan Arasu on the 1 April 2024 by the Aloysian fraternity. He was responsible for scaling the college to greater heights and established its reputation as a premier institute in the state of Madhya Pradesh with the highest CGPA. Dr. Fr. J. G. Vazhan Arasu was ordained as the new Bishop of Diocese on April 8, 2024 in a grand Episcopal Ordination ceremony organised at St. Peter & Paul Cathedral, Jabalpur from 4:00 pm onwards followed by a fellowship dinner. This stellar achievement will go down in the history of the college for ages to come and the fraternity sincerely wishes him good luck as the leader of the community.

The Alumni Association of the college felicitated the newly elected Bishop Most Rev. J. G. Valan Arasu, Bishop Catholic Diocese of Jabalpur, Justice Prakash Shrivastava, former Chief Justice of Calcutta High Court and Dr. Fr. J. Ben Anton Rose, the new Principal of the college on 11 May 2024.

“Success is the sum of small efforts- repeated day in and out” said Robert Collier. The college has grown in leaps and bounds only because of the genuine hard work of both students and faculty in various fields. I am greatly thankful to each and every one for making this pathway of success a memorable one. I must also take this opportunity to thank every stakeholder of the college for having faith in the organization and contributing towards its development. I also earnestly request your blessings and good wishes to me for leading the institution to grow from strength to greater strength as the new Principal of St. Aloysius' College from this year onwards.

“The pursuit of excellence with unrestrained passion can lead to the accomplishment of wonders with unsurpassed joy”. - Aberjhani



Dr. Fr. J. Ben Anton Rose
Principal

Academic and Administrative Report

Introduction

St. Aloysius' College, a premier institute in the city, has consistently advanced in both academic and non-academic fields. The dedication and hard work of students and teachers over the years have established a reputation that speaks volumes about the College's excellence. With the highest CGPA (NAAC) in Madhya Pradesh, the college continues to lead other institutions in Central India.

Accolades

In the academic year 2023-24, St. Aloysius' College achieved numerous milestones and garnered several accolades. The college was recognized by India Today magazine, securing prestigious All India rankings: 74th in Arts, 89th in Commerce, 105th in B.B.A., 104th in Science, and 135th in B.C.A. The institution's unwavering commitment to excellence continues to earn it recognition at both national and international levels.

Academics

The academic session of 2023-24 was marked by several significant accomplishments. The college welcomed new students with an enriching Orientation Programme on July 26, 2023, which provided insights into the examination system, autonomy, and various college facilities like clubs, societies, and the library.

The college organized the Global Education Partnership Program (GEP) under the Global Understanding Program (GUP) from March 18-28, 2024, on the theme "Global Economy," which saw participation from 72 students from across India and abroad.

In terms of results, St. Aloysius' College stood out by being the only institution in Jabalpur to announce UG and PG results by May-June 2024. The college achieved a remarkable pass percentage across various courses, with 100% in B.A., B.Sc., B.C.A., M.A. (Political Science and English Literature), M.Sc. (Chemistry, Computer Science, Zoology, Mathematics), and M.Com. The college also consistently organized national seminars, conferences, and workshops to professionalize and equip faculty members, covering topics like economic integrity, green growth, and sustainability in education.

Faculty members were actively engaged in research, publishing self-authored books, edited books, monographs, and research papers in Scopus, Web of Science, and UGC Care List journals. The session also witnessed the college attaining research center status in the field of commerce.

Curricular

The departments at St. Aloysius' College offered students various opportunities to excel in different curricular activities, with events like Lit Fest, Chem-Fest, Zoo-Fest, Eco-Fest, Vigyanam Garjana, Bharat Business Conclave 2.0, and Meraki being significant highlights of the academic year.

Co-curricular

The college has a strong record of success in co-curricular activities. In the NCC, cadets brought laurels to the institution by participating in prestigious camps like the Republic Day Camp 2024 in New Delhi and the Nau Sainik Camp at INS Shivaji, Lonavala. Cadet Captain Harshit Singh Mehrolia secured second place as All India Best Cadet in Senior Division Navy and received numerous accolades, including cash prizes and medals from various dignitaries.

In the cultural arena, students like Falguni Ghansela and Siddharth Tiwari excelled in national and zonal youth festivals, securing top positions in Western Solo, Solo Sugam singing, and quiz competitions.

Extra-curricular

The college has consistently been at the forefront of extra-curricular activities, with students achieving remarkable success. The Annual Prize distribution ceremonies for the sessions 2021-22 and 2022-23 recognized meritorious students with gold medals and certificates in various fields.

The Placement Cell organized training sessions and placement drives under the UDAAN program, resulting in numerous students securing positions in prestigious companies like ISRO, Collabera, Concentrix, Jaro Education, and more.

Sports

St. Aloysius' College has a commendable track record in sports. In the 2023-24 session, students excelled at various levels, including international, national, and university competitions. Notable achievements include Mehak Jaiswal securing second place in the 1st Asian Dueball Championship, Tanya Jatav's 5th place in the 11th Asian Junior Wushu Championship, and Rubina Francis winning a bronze medal in Shooting at the Asian Para Games.

At the national level, students like Vanshika Namdeo and Chirag Vidhyarthi won gold medals in Wushu and Archery, respectively. The college also dominated in intercollegiate tournaments, securing victories in Badminton, Chess, Football, Basketball, Volleyball, and Kho Kho.

Others

The college fosters a spirit of unity in diversity through the Jabalpur Inter Religious Forum (JIRF), which celebrates various cultural and religious festivals. The college celebrated Deepawali, Gurunanak Jayanti, and Christmas with distinguished guests, promoting tolerance, amity, and universal brotherhood.

The Annual Social Gathering, held on December 22-23, 2023, provided a platform for students to showcase their creative and artistic talents. The event featured enthusiastic participation from students, further strengthening the vibrant campus culture of St. Aloysius' College.



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DST-FIST Supported & Star College Scheme by DBT

ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

ACADEMIC AUDIT

1. **Name of the Department:** Botany and 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. Botany	I sem	Applied Botany
B.Sc. Industrial Microbiology	I sem	Tools and Technique in Industrial Microbiology
B.Sc. Botany	II sem	Basic Botany
B.Sc. Industrial Microbiology	II sem	Fundamentals of Industrial Microbiology
B.Sc. Botany	III sem	Plant Anatomy and Embryology
B.Sc. Botany	IV sem	Industrial Botany
B.Sc. Botany	III Year	Ethnobotany
M.Sc. Microbiology	I Sem	Biomolecules
M.Sc. Microbiology	I Sem	Bioenergetics and Intermediary Metabolism
M.Sc. Microbiology	II Sem	Biology of the Immune System
M.Sc. Microbiology	II Sem	Microbial Metabolism
M.Sc. Microbiology	III Sem	Bioprocess Engineering and Technology
M.Sc. Microbiology	III Sem	Biotechnology

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

Program	Year /sem	Course	Activity
B.Sc.	I Semester	Industrial Microbiology	Practical in - <ul style="list-style-type: none">• Microbiology at home: study on milk sample, packaged food, preserved food, normal flora. (Skill Development)• Isolation of microflora from nature: Water bodies (Skill Development)
B.Sc.	II Semester	Botany	<ul style="list-style-type: none">• Fluorescent microscopy (Unit 1). (Skill Development)
B.Sc.	III Semester	Industrial Microbiology	Practical in - <ul style="list-style-type: none">• Preparation of fermented pickles (Entrepreneurship)• Isolation of microbes from fermented products. (Skill Development)
B.Sc.	III Semester	Botany	<ul style="list-style-type: none">• Additives and Preservatives used in food processing (Skill Development)
B.Sc.	III Year	Industrial Microbiology Group A, Paper I:	Practical in - <ul style="list-style-type: none">• Demonstration of Gel electrophoresis (Employability)



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			<ul style="list-style-type: none">• Effect of oxidative stress on bacterial growth (Skill Development)• Effect of Mutagens on bacterial growth (Skill Development)
B.Sc.	III Year	Industrial Microbiology Group A, Paper II:	Practical in - <ul style="list-style-type: none">• Preparation of herbal pesticide. (Employability)• Study of heavy metal toxicity on microbial diversity. (Skill Development)
B.Sc.	III Year	Botany Paper I	<ul style="list-style-type: none">• Generation of DNA barcodes for medicinal plants. (Skill Development)
M.Sc. Microbiology	I Semester	Bacteriology	Practical in - <ul style="list-style-type: none">• Soap survey to check effectiveness w.r.t bacteria. (Skill Development)
M.Sc. Microbiology	I Semester	Virology	Practical in - <ul style="list-style-type: none">• Identification of embryonated chick eggs. (Skill Development)
M.Sc. Microbiology	I Semester	Mycology	Practical in - <ul style="list-style-type: none">• Antagonistic activity of fungi. (Skill Development)
M.Sc. Microbiology	I Semester	Biomolecules	Practical in - <ul style="list-style-type: none">• Isolation of genomic DNA from bacteria. (Skill Development)• Isolation of genomic DNA from fungus. (Skill Development)
M.Sc. Microbiology	II Semester	Microbial Genetics	Practical and Demonstration of - <ul style="list-style-type: none">• Replica plating (Skill Development)
M.Sc. Microbiology	III Semester	Medical Microbiology	Practical in - <ul style="list-style-type: none">• Motility testing of bacterial isolates. (Skill Development)• KOH mount preparation. (Skill Development)
M.Sc. Microbiology	III Semester	Bio Process Engineering Technology	Practical in - <ul style="list-style-type: none">• Isolation of microorganism from dairy products. (Skill Development)• Isolation of <i>Trichoderma</i> from soil (Skill Development)

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

Feedback report: Suggestions were given by the subject experts and industrialist according to which the topics relevant to syllabus were introduced in the curriculum. The topics incorporated



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were, which may enhance student's skills and employability, having scope of startups and becoming an entrepreneur or having global, national, regional and local needs, like Isolation of

microorganism from dairy products, Isolation of *Trichoderma* from soil, Soap survey to check effectiveness w.r.t bacteria, KOH mount preparation, Isolation of genomic DNA from bacteria and fungus, Identification of embryonated chick eggs, Generation of DNA barcodes for medicinal plants, Preparation of herbal pesticide, Preparation of fermented pickles, Microbiology at home: study on milk sample, packaged food, preserved food, normal flora, etc.

Action Taken report: As per the suggestions of experts the relevant topics were introduced in the theory syllabi and innovations in practical were also included.

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 In-charge	No. of Students benefitted
M.Sc. I Semester	Virology Topic – A Brief Fundamentals of Virology	Microbiology	Dr. Femina Sobin	13
	Bacteriology Topic – Introduction to Journals and reference books		Mrs. Roshni Choubey	13
	Mycology Topic – A brief account of Fungi and Lab Instruments		Ms. Anmol Sidana	13
	Biomolecules Topic – Use of softwares in Microbiology		Dr. Durga Ray	13
B.Sc. I Semester	Industrial Microbiology Major/ Minor/ Elective	Industrial Microbiology	Mrs. Roshni Choubey	33
B.Sc. I Semester	Bridge courses in Botany	Botany	Dr. Zareen Baksh	55

Remedial Course



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Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
B.Sc.	III Year	Molecular Biology and Genetics of Microbes Group A Paper I Theory	Industrial Microbiology	Dr. Femina Sobin	6
B.Sc.	III Year	Environmental Microbiology and Bioremediation Group A Paper II Theory	Industrial Microbiology	Ms. Gracy Charles	6
M.Sc.	I sem	Virology	Microbiology	Dr. Femina Sobin	5
M.Sc.	II sem	Molecular Biology and Recombinant DNA Technology	Microbiology	Dr. Femina Sobin	4

f. List the methods for conducting Internal evaluation?

Quiz, Presentation, Class test, Assignment, Model making, Field survey, Scrap books, Midterm examination, Report writing

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
Workshop on sustainable agriculture	Dr. Rajendra Sahu, Asst. Prof, Dept. of Agronomy, JNKVV, JBP	August 2023	35
Guest lecture on Bio-patenting	Mr. Agranshu Dwivedi, Incubation Manager and Mentor, MSME, Madhya Pradesh	26 August 2023	41
Career counselling	Ms. Arzoo Jain, Teacher (PGT), Kabra Public School, Narsinghpur	November 2023	22
Industrial visit	Janta Dairy Farm, Tilwaraghat, Mangeli	27 January 2024	14

- a. **Teaching and learning reforms:** NEP syllabus was introduced in B.Sc. III year Botany and Industrial Microbiology. Innovative practicals were incorporated in the syllabi of B.Sc. I, II, III, IV semester and III year in subjects Botany and Industrial Microbiology. New practicals and topics were also introduced in M.Sc. Microbiology syllabi. Internships were conducted for B.Sc. III year students.
- b. **Internal Assessment reforms:** CCE modes like quiz, assignment, Model making, Report writing and field survey.



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- c. **Best practices in Teaching and learning:** Student centric approach like group discussions, Resource unit method, Visit to industries, Expert lectures, trainings, etc. were some of the best practices in teaching and learning.

- d. **Details of Value added courses:**

S.no	Name of the course	Frequency	No. of students admitted	No. of students completed successfully
1.	Certificate Course in Mushroom Cultivation	1	20	20
2.	Diploma Course in Water Quality Monitoring	1	13	13

- k. **Details of Functional MoUs'**

S.No	Name of the Institution	Activities organized	No. of students participated
1.	Jawaharlal Nehru Krishi Vishwa Vidyalaya (JNKVV)	<ul style="list-style-type: none">• Workshop on sustainable agriculture• M.Sc. IV Semester Dissertation	35 2
2.	Jabalpur Incubation Centre	Guest lecture on Bio-patenting	40
3.	Narmada Gelatin Pvt. Ltd.	Member Industrialist, Board of Studies in Botany and Microbiology, St. Aloysius College (Auto.), Jabalpur	-

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 in UG Botany Department of Industrial Microbiology, Govt. Girls PG College of Excellence, Sagar.
	BOS member, Dept. of Botany and Microbiology, St. Aloysius College (Auto.) Jabalpur, M.P.
	Rani Durgavati University, BoS Member PG Microbiology



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Dr. Femina Sobin	BOS member, Dept. of Botany and Microbiology, St. Aloysius College (Auto.) Jabalpur, M.P.
Mrs. Roshni Choubey	Rani Durgavati University, BoS Member UG Microbiology
	BOS member, Dept. of Botany and Microbiology, St. Aloysius College (Auto.) Jabalpur, M.P.
Dr. Zareen Baksh	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)
Certificate course in Water Quality Monitoring	Janta Dairy Farm, Tilwara, Jabalpur	Industrial visit
M.Sc. IV sem	<ul style="list-style-type: none">• Rani Durgavati University, Jabalpur• National Sugar Institute, Kanpur• Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur• Tropical Forest Research Institute, Jabalpur• Nanaji Deshmukh Veterinary Science University, Jabalpur	Dissertation
B.Sc. III Year	<ul style="list-style-type: none">• Jabalpur Dugdh Sangh Sanchi, Imaliya, Jabalpur.• Malti Ice Cream Industry (FunIndia Dairy), Jabalpur• Udaipur Beverages Limited (Coca cola) Jabalpur	Internship

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

Programme	Examination System
B.Sc. III year Industrial Microbiology	Annual system NEP
B.Sc. I, II, III, IV semester Industrial Microbiology	Semester system NEP
M.Sc. I-IV semester Microbiology	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

9. Research Publications

Name of Teacher	Details of Papers published in peer reviewed journals (UGC / Scopus)
Dr. Sonali Nigam	Evaluation of different substrates for economical mass multiplication of Trichoderma, a bio control fungal agent. Indian J Trop Biodiv.31(1):42-50. https://tfri.icfre.gov.in/IJTB-Journal/IJTB/Front%20pages%2031(1)%20IJTB/07%2031(1)%202023.pdf
	Boosting the efficacy of plant extracts as a novel chemotherapeutants for plant disease management. Krishi science, Volume -04, issue 09 September 2023. ISSN: 2583-415
	Role of Melatonin in Management of Stress Tolerance of Forest Tree Species. Melatonin in Plants: A Pleiotropic Molecule for Abiotic Stresses and Pathogen Infection. Springer, Singapore. https://doi.org/10.1007/978-981-99-6741-4 (978-981-99-6743-8)
Dr. Femina Sobin	.Decolourization of spent wash using bacteria <i>Pseudomonas putida</i> . International Journal of Current Microbiology and Applied Sciences. 12(10): 63-73. https://doi.org/10.20546/ijcmas.2023.1210.008

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

11. Chapter in Books

Author Name	Name of Book	ISBN
Dr. Femina Sobin	1. Algal, Fungal and Microbial Research. Genic Books Publishers Pvt. Ltd	978-81-96637-63-7
	2. Role of NEP in Empowering Youth.	978-93-5470-991-3
	3. National Education Policy and Nature of Higher	



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	Education. Tadwal M.S. (Edt. In cheif) and Patel S. (Associate Edt.)Shrihind Publication Pvt. Ltd. Ujjain pp-76-84.	978-93-92759-85-7
Mrs. Roshni Choubey	1) Choubey Roshni (2023) An investigation on awareness of New Education Policy amongst youth: A survey, In; Role of NEP in empowering ,Swaranjali Publicaiton 2) Choubey Roshni and Naveriya Shreyasee (2023), A study on cellulose and its degradation: A promising biomaterial, In: Algal, Fingal and Microbial research, Genics books publishers Pvt. Ltd. 3) Choubey Roshni and Verma Shivani (2023) In: New education policy: Reforms and opportunities, Shrihind Publications Pvt. Ltd, Ujjain,M.P. () PP: 31-37.	978-93-5470-991-3. (ISBN: 978-81-96637-63-7) ISBN- 978-93-92759-85-7

12. Edited Books

Author Name	Name of Book	ISBN
NA	NA	NA

13. Self-Authored Book

Author Name	Name of Book	ISBN
NA	NA	NA

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

Name of the Teacher	Date of Applied/Sanctioned	Topic	Revenue generated
Dr. Durga Ray	April 11, 2024	Patent filed: System for using genetically engineered antibodies for environmental monitoring and detection of pathogens using biosensors	NA



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15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated
	Department of Botany and Microbiology	Internship in Applied Techniques in Botany	Rs. 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	Details of the Programme
1.	Dr. Sonali Nigam	National Webinar, Organized by the Govt. Girls PG College of Excellence, Sagar.

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	6	-
Seminar/Conference	16	1
Workshop/FDP/Training Programme	14	1
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. Sonali Nigam	Green audit member at Government M. H. College of Home Science & Science for Women, Autonomous, Jabalpur. Green audit member at Government Model Science College, Jabalpur.

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



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Name of Faculty	Recognition received	Professional bodies and agencies National and International
Dr. Sonali Nigam	Certificate of Excellence	1. Journal of Advanced Microbiology 2. Biotechnology Journal International
Dr. Femina Sobin	Outstanding contribution as Reviewer	Journal of Ecophysiology and occupational Health
Mrs. Roshni Choubey	Certificate of Excellence	• International Journal of Plant and Soil Science (Certificate no. SDI/HQ/PR/Cert/90712/ROS).

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

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

20. 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
1.	<ul style="list-style-type: none"> Janvi Singh (1st) Nandini Soni (2nd) Akash Victor(3rd) 	Model Making	National Science Day Celebration, organized by St. Aloysius College, sponsored by MPCST,Bhopal
	<ul style="list-style-type: none"> Shivangi Kuraria (1st) Vidhi Meyash (2nd) Lalita Mishra (3rd) 	Poster making	National Science Day Celebration, organized by St. Aloysius College, sponsored by MPCST,Bhopal



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2	<ul style="list-style-type: none"> Anam Fatima (1st) Parnika Shrivastava and Divyani Singh Yadav Cindrella Samson 	Biorangoli	National Science Day Celebration, organized by St. Aloysius College, sponsored by MPCST, Bhopal
3	<ul style="list-style-type: none"> Sakshi kanojiya (1st) Adarsh Kashyap(2nd) Gloria Ekka (3rd) 	Memes making	National Science Day Celebration, organized by St. Aloysius College, sponsored by MPCST, Bhopal
4	<ul style="list-style-type: none"> Shilpa Tirkey (1st) Astha Shrivastava(2nd) Shrishti Simran Bara (3rd) 	Under Microscope	National Science Day Celebration, organized by St. Aloysius College, sponsored by MPCST, Bhopal
5	<ul style="list-style-type: none"> Garima Manjhi(1st) Sofiya Bano(2nd) Prabhav tripathi(3rd) 	Best out of waste	National Science Day Celebration, organized by St. Aloysius College, sponsored by MPCST, Bhopal
6	<ul style="list-style-type: none"> Shrashti singh Rahpoot(1st) Saba Parveen(2nd) Kalyani Raikwar(3rd) 	Jute and Bamboo Products	National Science Day Celebration, organized by St. Aloysius College, sponsored by MPCST, Bhopal
7	<ul style="list-style-type: none"> Milen K.S Shailini Pandey Jasmine Joseph (1st) Rahul Malik, Arpan Thakur, Thakur Surya Dev Singh (2nd) Yash Agrawal, Prateek Yess, Ahtesham Hussain (3rd) 	Quiz	National Science Day Celebration, organized by St. Aloysius College, sponsored by MPCST, Bhopal

21. 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
	-	-	-	-	-



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

23. Subject-wise Results

UG First semester

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Industrial Microbiology (Major)	21	18	3	-	85.71%
2	Botany (Major)	17	11	6	-	64.70

UG Second semester

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Industrial Microbiology (Major)	23	19	4	-	82.6%
2	Botany (Major)	13	07	4	1	53.84%
TOTAL----->						

UG Third semester

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	IMB	22	16	5	1	72.73%
TOTAL----->						

UG Fourth Semester

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	IMB	22	21	1	-	95.45%
TOTAL----->						



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PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Microbiology	11	9	2	-	100%

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Microbiology	10	10	-	-	100%

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Microbiology	12	11	1	-	100%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Microbiology	12	12	--	-	100%

UG Third Year

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
IMB	13	13	--	-	100%
Botany	38	38	-	-	100%

24. Strategic Plan and its implementation (2023-24):

Plan	Implementation
To Strengthen the teaching learning modalities	Innovative teaching methods practiced
To Upgrade the quality of teaching	Certificate course upgraded to diploma course.
	Innovations in practical
	Feedback on curriculum
	Faculty's participation in FDPs, national seminar, webinar, conferences etc.
To promote industry-institution collaboration	Internships and projects undertaken by UG students for industrial exposure



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	Project under DIC
To Expand departmental research collaboration with national organizations	PG Dissertations at National Institutes like NSI, JNKVV, NDVU,
Faculty and student publication in reputed journals / Books	Book chapters as well as papers published
Social responsibility	Outreach and co-curricular activities: Plantation, Science day celebration, Earth day celebration, Awareness programs

25. SWOC Analysis:

STRENGTH	<ol style="list-style-type: none">1. Well qualified and experienced faculty2. Research Publication with UG/PG students3. Well-equipped lab with internet facility4. Departmental library5. In-house PG dissertations
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. Linkages with National/International Institutions.
THREATS/ CHALLENGES	<ol style="list-style-type: none">1. Publications in journals with good impact factors2. Research Projects

26. Future Plan:

- a. Minor/major research project proposal to be applied by the faculty.
- b. Department to be a research center.



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: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. Sonali Nigam	Assistant Professor	M.Sc., Ph.D.	19 years	Confirmed
Dr. Femina Sobin		M.Sc., State Eligibility Test (SET-CG), Ph.D.	15 years	Confirmed
Mrs. Roshni Choubey		M.Sc.	14 years	Confirmed
Dr. Zareen Baksh		M.Sc., PGDCA, B.Ed. M.Ed., Ph.D.	17 years	Confirmed
Dr. Durga Ray		D.Sc., NET M.Sc., MBA	3 years	Probationary
Ms. Gracy Charles		M.Sc.,	6 months	Probationary

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
4	1	-	1

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

Post	Sanctioned	Filled	Actual
02	02	02	02
Mr. Ashish Naygam & Mr. Anwar			

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

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
B.Sc I sem IMB	31	26	45	6	20	26
B.Sc I sem Botany	28	23		5	18	23
M.Sc I sem Microbiology	16	13	25	-	13	13



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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
B.Sc IMB	21	-	-	-
M.Sc Microbiology	90	-	10	-

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

Programme	% proceeded for higher studies	% of students placed
B.Sc Industrial Microbiology	66%	-
M.Sc Microbiology	-	-

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

- Central Library Books and Journals, etc., relevant to Department:** 32 books
- Online (books, journals etc.) Subscribed:** Delnet, Inlibnet and National Digital Library
- Computers and Internet facilities for staff:** 8 desktop, 3 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 software's, e-podium, collar mike, speakers.

10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
2,00,000/-	76,700	1,15,044/-	1,91,744/-

11. Laboratory Facilities

Items Procured- 2023-24

S. No	Name of Item	Configuration	Quantity
1	Hot Air Oven	18''X18''X18''	1
2	Electronic weighing Balance	Acc. 0.001g	1



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

Signature

Name Sonali Nigam

Date:



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ACADEMIC AUDIT

1. Name of the Department: ENGLISH

2. Year of establishment: 1951

3. Curricular Aspects: UG/PG

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

Program	Semester / year	Electives
MA	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.)
BA	III YEAR	Group A: Discipline Specific Elective (DSE) Paper 1-English Language: Structure & Translation Paper 1(Practical)-Practicing English Language: Structure and Translation Paper 2-Indian Diaspora Literature Paper 2 (Practical)- Evaluation of Diaspora Literature Group B: DSE Paper 1- Literary Criticism and Theory Paper 1(Practical)- Practicing and Evaluating Literary Criticism and Theory Paper 2- Indian Writings in English Paper 2- Evaluation of Indian Writings in English (Practical)

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

Program	Year /sem	Course	Activity
MA	III Sem.	English Literature	Projects/ Internships/ Community Services/ Skill Development Course
FE	II/III Year	Functional English	SEA-Student's Essential Activities / Practice sessions on LSRW/SPEECH SKILLS/Courses run on Spoken English for students of All Streams
VACC	OPEN FOR ALL	1. FRENCH LANGUAGE	A1A2 and B1B2



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		PROGRAM 2.TOWARDS BETTER COMMUNICATION: HONING LSRW SKILLS IN ENGLISH LANGUAGE	
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c. While framing curriculum, is feed-back taken from stakeholders viz.

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

1. **Feedback report:** YES. Feedback is taken from students, parents, employers, industrialists every year.

2. **Action Taken report:**

- ❖ Phonetics training for PG students in language lab.
- ❖ Internships redesigned in consonance with suggestions received from industrialists.
- ❖ Alumni lectures arranged on student need-based topics as per suggestions of students

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
UG	BA I SEM	Study Of Drama	Dr Soma Guha Das	45
	BA I SEM	Study Of Drama	Dr Soma Guha Das	48
	BA I SEM	Study Of Drama	Dr Soma Guha Das	53
	BA I SEM	Study Of Drama	Dr Soma Guha Das	54
	BA III YR	Indian Disapora Literature	Dr Soma Guha Das	15
	BA III YR	Indian Disapora Literature	Dr Soma Guha Das	27
	BA III YR	English Language: Structure and Translation	Dr Niharika Singh	13
	BA III YR	English Language: Structure and Translation	Dr Niharika Singh	18
	BA I SEM	Study Of Poetry	Dr Neelanjana Pathak	14
	BA I SEM	Study Of Poetry	Dr Neelanjana Pathak	14
	BA I SEM	Study Of Poetry	Dr Neelanjana Pathak	12
	BA I SEM	Study Of Poetry	Dr Neelanjana Pathak	14
	BA I SEM	Study Of Poetry	Dr Neelanjana Pathak	13
	MA I SEM	Fiction	Dr Soma Guha Das	10
	MA I SEM	Fiction	Dr Soma Guha Das	12
	MA I SEM	Fiction	Dr Soma Guha Das	14



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PG	MA III SEM	Indian Writings in English	Dr Soma Guha Das	15
	MA III SEM	Indian Writings in English	Dr Soma Guha Das	16
	MA III SEM	Indian Writings in English	Dr Soma Guha Das	15
	MA III SEM	Indian Writings in English	Dr Soma Guha Das	16
	MA I SEM	Drama	Mr. Viraj Singh Yadav	10
	MA I SEM	Drama	Mr. Viraj Singh Yadav	14
	MA I SEM	Drama	Mr. Viraj Singh Yadav	16
	MA I SEM	All Papers	Dr Neelanjana Pathak	15
	MA I SEM	All Papers	Dr Neelanjana Pathak	15
	MA I SEM	All Papers	Dr Neelanjana Pathak	16
	MA I SEM	All Papers	Dr Neelanjana Pathak	14
	MA I SEM	Prose	Dr Niharika Singh	12
	MA I SEM	Prose	Dr Niharika Singh	16
	MA I SEM	Prose	Dr Niharika Singh	11

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
UG	III YR	BA	Indian English Poetry & Drama	Mr. Viraj Singh Yadav	21/48
	III YR	B.COM	English Language & Communication Skills	Mr. Viraj Singh Yadav	29/103
	III YR	BA	Language & Technology	Mr. Viraj Singh Yadav	12/28
	III YR	BA	Indian Diaspora Literature	Dr Soma Guha Das	20/34
	III YR	BA	Indian Diaspora Literature	Dr Soma Guha Das	25/34
	III YR	BA	Indian Diaspora Literature	Dr Soma Guha Das	23/34
	I SEM	BA	Study Of Drama	Dr Soma Guha Das	45/65
	I SEM	BA	Study Of Drama	Dr Soma Guha Das	48/65
	I SEM	BA	Study Of Drama	Dr Soma Guha Das	45/65
	III YR	BA	English Language: Structure & Translation	Dr Niharika Singh	18/34
	III YR	BA	English Language:	Dr Niharika Singh	18/34



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			Structure & Translation		
	I YR	BA	Objective Questions	Dr Neelanjana Pathak	30/80
	IV SEM	BA	Study Of Fiction	Dr Meeta Agrawal	28/68
	IV SEM	BA	Study Of Fiction	Dr Meeta Agrawal	20/68
PG	III SEM	MA	English Language	Dr Niharika Singh	10/20
	III SEM	MA	English Language	Dr Niharika Singh	09/20
	IV SEM	MA	English Language	Dr Niharika Singh	05/20
	IV SEM	MA	English Language	Dr Niharika Singh	08/20
	I SEM	MA	Drama	Mr. Viraj Singh Yadav	14/30
	III SEM	MA	Critical Theory	Mr. Viraj Singh Yadav	08/30
	II SEM	MA	Indian Writings in English/American Literature	Dr Neelanjana Pathak	13/28
	II SEM	MA	Indian Writings in English/American Literature	Dr Neelanjana Pathak	13/28
	II SEM	MA	Indian Writings in English/American Literature	Dr Neelanjana Pathak	14/28
	II SEM	MA	Indian Writings in English	Dr Neelanjana Pathak	12/28
	II/ IV SEM	MA	All Papers	Dr Neelanjana Pathak	37/50

f. List the methods for conducting Internal evaluation?

- ❖ Internal evaluation in MA and BA is conducted by the teacher in-charges of respective papers. The teachers use various modes like written test, PowerPoint presentations and submissions, blackboard teaching, role play, assignment submissions, MCQs etc.
- ❖ Internal Evaluation in undergraduate classes was conducted thrice in BA I & II year (Semester I, II, III & IV) via MCQ based assignment and centralized test; in BA III Year internal evaluation was done four times via written tests, note taking, review writing, PPT presentation and oral presentations. In BA I & II-year internals are conducted thrice in every odd & even semester. In the final year (Functional English) group discussions, micro teaching and PPT presentations were conducted for assessment.



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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 on Figures of Speech	Ms. Aarya Pandey (Alumna)	25 August 2023	22
Guest Lecture on Narrative Insights on Aristotle Poetics	Dr. Shibani Basu Dubey	27 October 2023	36
Guest Lecture on Content Writing & Social Media Management	Ms. Moulshree Sarvate (Alumna)	9 February 2024	22

h. Teaching and learning reforms:

- ❖ SEA (Student Essential Activity) introduced for teaching learning Functional English UG Programmes.
- ❖ LITERARY Quiz introduced as an Intra college competition
- ❖ Teaching of Imagery through pictorial illustrations
- ❖ Use of Interactive Board for English Language Learning

i. Internal Assessment reforms:

- ❖ Uniformity introduced in presentation and format of all project files
- ❖ Teaching of Language to I Year students by PG Advanced Learners as part of CCE
- ❖ Spell Bee competition to expand vocabulary and build on spellings
- ❖ Character Chronicles for bringing to life and animating in flesh and blood literary characters from literature and films
- ❖ Projects on comparing films with fiction

j. Best practices in Teaching and learning:

- ❖ **Lit-Fest** – Lit Fest 2023-24 was conducted on 9 March 2024
- ❖ **Peer- Teaching-** Students of MA II & IV Semester were involved in teaching the undergraduates
- ❖ **Guest Lecture-** The department invites eminent Professors and Alumnus for delivering lecture every session for better exposure to the students
- ❖ Students presented research papers in conferences/Seminars and published them in ISBN books

k. Details of Value-added courses:

S.no	Name of the course	Frequency	No. of students admitted	No. of students completed successfully
1.	French Language program	2	16	16



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2.	“Towards Better Communication: Honing LSRW Skills in English”	1	20	20
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k. Details of Functional MoUs'

S. No	Name of the Institution	Activities organized	No. of students participated
1.	Digvijay Singh College, Rajnandgaon, Chhattisgarh	Guest Lecture	08
2.	Indigenous Society for the Promotion of English Language and Literature (iSPELL)	Guest Lecture	20
3.	Ardent Knowledge	Skill Development Course	153

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

Number of Teachers	Sanctioned	Filled
04	06	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 Niharika Singh	Govt. Man Kuwar Bai College of Arts & Commerce, Jabalpur

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
LSRW	I spell	Certificate Course (Add-On)
Skill Development Course	Ardent	Lectures

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

Programme	Examination System
MA	CBCS
BA	NEP (Yearly/ Semesters)



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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	NIL	NIL	NIL	NIL

9. Research Publications

Name of Teacher	Details of Papers published in peer reviewed journals (UGC / Scopus)
Dr. Niharika Singh	"Rudali: Quintessential Figure of Subalternity, Hegemony and Marginalisation" Pamir 2023: Proceedings of the 1 st Pamir Transboundary Conference for Sustainable Societies" Ed. Rocky Dwyer, Portugal, DOI: 10.5220/0000179700003792 ISBN: 978-989-758—687-31(6-17 September,2024) (Scopus)
Dr. Soma Guha Das	"Draupadi: Revisioning the Mythical Character in Chitra Banerjee Divakaruni's The Palace of Illusions" Pamir 2023: Proceedings of the 1 st Pamir Transboundary Conference for Sustainable Societies" Ed. Rocky Dwyer, Portugal, DOI: 10.5220/0000179700003792 ISBN: 978-989-758—687-31(6-17 September,2024) (Scopus) "Mahesh Dattani: A Writer to Film Maker" <i>International research Journal of Management, Sociology and humanities (An Internationally Indexed Peer Reviewed & Refreed Journal)</i> Vol. 14, Issue 7 th July, 2023 Impact Factor: 7. 8012, DOI: ISSN 2277-9809(0)2348-9359(P) HTTPS://DOI.ORG/10.32804/IRJMSH . (UGC CARE ID 48312)

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	ISBN
Dr. Neelanjana Pathak	"FOREWORD" <i>Khandelwal's Poetic Process.</i> ed. Rajiv Khandelwal. Ukiyoto Publishing, Sandiago, CA and Chandigarh, India, 2024.	ISBN9789360499464
	"Unlocking Perspectives: Dr. Neelanjana Pathak's In-Depth Interview with Rajiv Khandelwal" ed. Rajiv Khandelwal. Ukiyoto Publishing, Sandiago, CA and Chandigarh, India, 2024.	ISBN9789360499464



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Dr. Soma Guha Das	<i>National Education Policy 2020: Reshaping the Future</i> eds. J. G. ValanArasu, Tuhina Johri, Vishwas Patel. Blue Hill Pub. Pvt. Ltd. Patna, Bihar. 2023	ISBN978-93-5829-924-3
	“Reflection of the Vivisection of India in Khushwant Singh’s <i>Train to Pakistan</i> and Bapsi Sidhwa’s <i>Ice Candy man: A Comparative Study</i> ” eds. J. G. ValanArasu, Neelanjana Pathak, Niharika Singh and Chanella Cubbins. Pub. Selfypage Developers Pvt. Ltd. Karnataka.	ISBN 978-93-5747-276-0
Mr. Viraj Singh Yadav	“Theme of Identity Crisis in Khushwant Singh’s <i>I Shall Not Hear the Nightingale</i> , eds. J. G. ValanArasu, Neelanjana Pathak, Niharika Singh and Chanella Cubbins. Pub. Selfypage Developers Pvt. Ltd. Karnataka	ISBN 978-93-5747-276-0

12. Edited Books

Author Name	Name of Book	ISBN
<ul style="list-style-type: none">Dr. Neelanjana PathakDr. Niharika Singh	<i>New Perspectives on Khushwant Singh</i> , eds. J. G. ValanArasu, Neelanjana Pathak, Niharika Singh and Chanella Cubbins. Pub. Selfypage Developers Pvt. Ltd. Karnataka.	978-93-5747-276-0

13. Self-Authored Book

Author Name	Name of Book	ISBN
<ul style="list-style-type: none">Dr. Soma Guha DasDr. Neelanjana Pathak	Problems of Alienation and Assimilation: The Short Stories of Jhumpa Lahiri and Chitra Banerjee. Bigfoot Publications, Gurugram Haryana, October, 2023	978-81-19201-72-3

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
01	Dr. Niharika Singh	Professional Level French Course Training: Language teaching & Learning and Training	50000/-



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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	Details of the Programme
1	Dr Niharika Singh	Post Graduate Department of Research in English, Rani Durgavati Vishwavidhyalay, Jabalpur

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	4	-
Workshop/FDP/Training Programme	4	-
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. Neelanjana Pathak	University level, External and internal theses examiner

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. Neelanjana Pathak	Advisory Board Member	International Journal of Literature <i>Contemporary Vibes</i>

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



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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	NIL	NIL	NIL

Co-curricular:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies
1.	Ms. Aarti Tiwari (BA I YEAR)	Secured one Bronze Medal in senior individual kumite-55kg and one Bronze Medal in Senior Female Team Kumite in 13 th SILENT KNIGHT KARATE CUP CHAMPIONSHIP (8-10 MARCH) 2024 in Malaysia.	International Body 13 th SILENT KNIGHT KARATE CUP CHAMPIONSHIP2024 in Malaysia
2.	Ms. Ishita Vishwakarma (PG –I Year)	Winner of India's Got Talent and Saregamapa/ National and International Singer / Playback Singer in Bollywood Industry	Sponsored by SONI TV
3.	Ms. Aditi Das (PG –I Year)	Secured Gold Medal in CHESS Competition in Divisional Level,2023-24	M.P. Higher Education Youth Festival, Jabalpur Division
4.	Ms. Amey Rai	Secured GOLD MEDAL in ARCHERY (Category- Recurve) in 41 st Senior National Archery Competition, Khelo India Women's national Ranking Archery Tournament, Jharkhand, 2023. Secured SILVER MEDAL in National Archery Competition, Goa, and GOLD MEDAL in University Zonal, Punjab, 2024.	
5.	Mr. Ankit Kumar	Theatre Practitioner and Actor (National Level)	Samagam Rangmandal, 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
	NIL	NIL	NIL	NIL	



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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	ENGLISH LITRATURE SEM I	84	84	3	Nil	100%
2	FUNCTIONAL ENGLISH SEM I	21	21	Nil	Nil	100%
3	ENGLISH LITRATURE SEM II	84	84	5	nil	100%
4	FUNCTIONAL ENGLISH SEM II	21	21	nil	nil	100%
TOTAL----->		105				

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	English Litration Sem III	69	69		NIL	100%
2	Functional English Sem III	28	28	NIL	NIL	100%
3	English Litration Sem IV	69			NIL	100%
4	Functional English Sem IV	28	28	NIL	NIL	100%
Total----->		97				



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UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	English Literature (Major)	34	34	1	nil	100%
2	English Literature (Minor/ Elective)	48	48	nil	nil	100%
3	Functional English	23	23	nil	nil	100%
Total----->		105				

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
MA	28	28	NIL	NIL	100%

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
MA	28	28	nil	nil	100%

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
MA	20	20	NIL	NIL	100%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
MA	21	21	1	nil	100%

25. Strategic Plan and its implementation (2023-24):

- Initiate a virtual course for aspiring TOFEL aspirants
- Annual leadership training program to be organized for UG and PG final year students
- Building better competencies by inviting virtual guest talks by renowned international faculty.
- Peer education: from ME to YOU



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- Undertaking collaborative efforts with other languages in India and abroad
- Starting a National research Journal –' Whisperings'.
- Organising annual it fest
- Interactive Lectures with students of different institutions.
- Recorded Podcast on the course topics to model their thinking and provide authentic material to the students.
- Providing video, audio, reading and interactive content, newspaper clips and flowcharts
- Web-Portal Technology: We can use the educational resource portals by using these websites in teaching -learning process EDSITEment.com/Swayam.
- Interdisciplinary events & Programmes: 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

- 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.
- Use of 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

- Unstable/changing faculty
- Less Industry-Institute interaction



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- The students are linguistically weak due to their vernacular background. This leads to an unsatisfactory level of comprehension and communication.
- Lack of government funded research projects/conferences/workshops
- Less number of research guides
- Less selections through campus drives
- Very few selections in National Level Competitions

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

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: 2023-24

Short term strategic plans -

- Maintain student-faculty ratios at desirable levels.
- Organize workshops or short-term courses for the students preparing for competitive exams.
- Strengthening Alumnae Database
- Explore grant opportunities to benefit the department through Projects and conferences.
- Create a more focused and consistent web presence for department
- To make structured use of English Language Lab for up skilling linguistic proficiencies of First Year students of all streams.



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Middle term strategic plans-

- Develop a peer reviewed online publication for the Department of English.
- To apply for research projects from various funding agencies
- Communicate and showcase the work of the Department to broad audience both locally and nationally
- Increase the number of faculty citations
- Create Podcast Series-“English is Fun” to highlight the interdisciplinary work of the Faculty

Long term strategic plans –

- Make the department a research center
- Enhance mentorship and funding to support undergraduate and graduate students with respect to current and emerging research topics, methods, and approaches.
- Promote and Support development of hybrid and online courses.
- Enhance the departmental library and include online sources
- Collaboration for a Course in Copy Editing with a Publication House
- MoUs with International Universities
- Offer classes and programs that align department priorities with student and university needs



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 1:30

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

Designation	Sanctioned	Filled
Assistant Professor	06	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. Neelanjana Pathak	Head	NET, Ph.D	Teaching- 38 years Research -22 years	Confirmed
Dr. Niharika Singh	Assistant Professor	MA, DCA, M.PHIL, Ph.D	Teaching-15 years Research -13 years	Confirmed
Dr. Soma Guha Das	Assistant Professor	MA, M.PHIL, Ph.D	Teaching-12years Research - 12 years	Confirmed
Mr Viraj Singh Yadav	Assistant Professor	MA	Teaching- 2 years	Contractual

4. Diversity of Faculty

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

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

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
PG	35	30	30	3	27	30
UG	342	35(MAJOR)	50	17	18	35
		22 (MINOR)	-	11	11	22



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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
MA	94	3	3	NIL

8. 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, Inlibnet, Delnet
- Computer and Internet facilities for staff : Inlibnet, Wi-Fi Facility, Laptops
- Total number of classrooms: One Classroom And One Language Lab
- Classrooms with ICT facility: 14
- Students' laboratory: 01
- Research laboratories: NIL
- Any other facility: ETNL software

9. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
Meeting Expense	Rs - 5000/-	0	Rs-5000/-
Practical Examination Expense	Rs- 10,700/-	0	Rs-10,700/-
Stationary Expense	Rs- 600/-	0	Rs- 600/-
Payment to Resource Persons (Seminar)	Rs. 5000/-	0	Rs. 5000/-
Payment to Resource Persons (Certificate Courses)	Rs. 6000/-	0	Rs. 6000/-
Payment to Coordinators (Certificate Course)	Rs. 2000/-	0	Rs. 2000/-

10. Laboratory Facilities

Items Procured- 2022-23

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



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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. Neelanjana Pathak
Head
Department of English
St. Aloysius (Auto.) College
Jabalpur (M.P.)

Signature

Date:22/04/2024

Name – Dr. Neelanjana Pathak



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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.Sc	Semester V	1. Bioinformatics 2. Medical Biotechnology
	Semester VI	1. Environmental Biotechnology

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	IV SEM and 3 rd 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.

1. **Feedback report:** Yes, department had taken the feedback from the different stakeholder. Dr Atul Kumar Pateriya (Subject expert in BOS) had given a suggestion in the BOS meeting for adding research methodology-based topics in the curriculum.



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2. **Action Taken report:** In view of suggestion given by the stake holders department has proposed to add an elective paper in the III semester of PG programme named 'Research Methodology'. This elective paper based on research methodology will train our PG students for writing thesis and research papers which is a part of their curriculum.
- 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	105

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
B.Sc	I sem	Cell Biology and Biochemisrty	Biotechnology	Mr Enosh Phillips	64
	II sem	Microbiology and Immunology		Dr Laxmi Kant Pandey	53
	III sem	Molecular Biology		Mr Nitin Swamy	22
	3 rd year	Agriculture Biotechnology		Dr Rumana Faraz	28
	3 rd year	Industrial Biotechnology		Dr Anisha Rupashree	23

f. **List the methods for conducting Internal evaluation?**

- Research project
- Written examination
- Power point presentation
- Quiz
- Review paper writing
- Paper presentation in conference/ 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
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Two days online expert talk on "Bioinformatics"	Ms. K. Srividya, Project Research scholar, CSIR. CCMB, Hyderabad.	27-28 Feb 2024 from 7:00pm-8:00pm.	50
Guest Lecture on the topic "Introduction to Phylogenetic analysis"	Dr Ajay Kumar Bharadwaj, Professor Botany Institute for excellence in Higher Education Bhopal (MP) India	Saturday 16 Sept 2023 · 12pm – 1pm	55
Guest Lecture on Bioprocess Development for industrially important products	Dr. Tilottama Chowdhury Government Home Science College Jabalpur (MP) India	27th January 2024.	45

h. Teaching and learning reforms:

i. Internal Assessment reforms:

j. Best practices in Teaching and learning: A typed manual for UG 1st and 2nd year has been prepared.

k. Details of Value-added courses:

S.no	Name of the course	Frequency	No. of students admitted	No. of students completed successfully

k. Details of Functional MoUs'

S.No	Name of the Institution	Activities organized	No. of students participated
1	Government Home Science College, Jabalpur MP India	1. Department organized internship training to 48 students of home science college 2. Two faculty members Dr Laxmi Kant Pandey and Mr Nitin Swamy delivered an expert talk at Home Science College and Dr Trilottama faculty from home science college also delivered an expert talk at our college.	48 students and 03 faculty members



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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 Laxmi Kant Pandey	Rani Durgavati Vishwavidyalaya. Jabalpur, Subject: Biotechnology
Mr. Nitin Swamy	Rani Durgavati Vishwavidyalaya. Jabalpur, Subject: Biotechnology

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
B.Sc	Government Home Science College, Jabalpur	Department conducted internship programme for 48 students from govt. home science college.

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

Programme	Examination System
B.Sc	Semester
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	Details of Papers published in peer reviewed journals (UGC / Scopus)
Dr. Anisha Rupashree	Singh, M., Naskar, A., Rupashree, A., Rajput, M., & Singh, V. K. (2023) Analysis of endophytic microbes harboring in medicinal plants of Himalayan region with their medicinal properties. Bio-catalysis and Agricultural Biotechnology, 102857.
Dr. Laxmi Kant Pandey	Utilization of Agro-Industrial based Polysaccharides waste for Microbial Production of Prebiotics: A Review. Biological Forum – An International Journal 15(10): 955-961(2023). Laxmi Kant Pandey. Tanim Arpit Singh, Ranjan Singh, Ajit Kumar



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	Passari, Trashi Singh, Prabhash Kumar Pandey and Neeraj Khare.
Dr. Laxmi Kant Pandey	Detoxification of Sewage Sludge by Natural Attenuation and its Application as a Fertilizer-A Review. International Journal of Current Microbiology and Applied Sciences 12(4):71-857706 DOI:10.20546/ijcmas.2023.1204.008
Dr. Mrs. Rumana Faraz	Anti-Microbial and Anti-insecticidal activity with GCMS report of L.camara and development of innovative insecticide, International journal of Plant and Environment (UGC CARE),2024(Communicated)

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

11. Chapter in Books

Author Name	Name of Book / chapter	ISBN
Dr Anisha Rupashree	Milletts - The Resilient Crops for Sustainability	ISBN: 978-93-5879-400-7
Dr. Mrs. Rumana Faraz	Carbon Footprints for sustainable environment	ISBN: 978-93-5879-400-7
Mr. Nitin Swamy	"Modern Water Treatment Methods: Exploring Public Acceptance and Socio-economic Factors Influencing Their Implementation" Springer Nature	
Mr. Enosh Phillips	Microbial Fuel Cells: Whole-Cell System for MFC, Current Trends, and Future Prospects for the Green Energy; Book name: Whole-Cell Biocatalysis-Next-Generation Technology for Green Synthesis of Pharmaceutical, Chemicals, and Biofuels; Publisher: Taylor & Francis Group	ISBN: 9781003413134

12. Edited Books

Author Name	Name of Book	ISBN

13. Self-Authored Book

Author Name	Name of Book	ISBN
Dr Laxmi Kant Pandey	Bioremediation of Distillery Effluent: A bacterial Study (Lambert Academic Publishing)	978-620-6-18443-0
Mr. Nitin Swamy	Green Synthesis of Nanoparticles- Lambert Publication	

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

Name of the Teacher	Date of Applied/Sanctioned	Topic	Revenue generated
Dr. Laxmi Kant Pandey	25/01/2024	Solar Powered Medicinal Plant Extractor	NIL



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15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated
01	Dr Laxmi Kant Pandey, Mr Enosh Phillips, Mr Nitin Swamy, Dr Mrs Rumana Faraz, Dr. Mrs Anisha Rupashree	Department conducted internship programme for 48 students from govt. home science college.	24000/- INR

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	Details of the Programme
01	Dr Laxmi Kant Pandey	Invited Lecture on "X ray and its application" at department of Biotechnology and Zoology, Home Science College Jabalpur (MP) India.
02	Dr Laxmi Kant Pandey	Delivered a talk as resource person on 25/01/2024 in the 5 days National Level FDP on Innovative Teaching and Learning on the topic "Innovative Teaching Methods"
03	Mr. Nitin Swamy	Invited Lecture on "ECG" at department of Biotechnology and Zoology, Home Science College Jabalpur (MP) India.
04	Dr. Mrs Rumana Faraz	Resource person in plant tissue culture workshop on October 2023 at Shrim Bio innovation and research, Jabalpur, M.P.
05	Mr. Enosh Phillips	On Spectroscopy at Govt. Science College

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	08	
Workshop/FDP/Training Programme	08	
Paper presentation	04	

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
01	Dr Anisha Rupashree	Life /Annual Member of Prof. H.S. Srivastava foundation of Science and Society, Luckow, Uttar Pradesh India
02	Dr Mrs Rumana Faraz	Annual member of "Society of Plant Research" (www.Vegetosindia.org) Membership no. SPR-AM-2268

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:

Name of Faculty	Awards/Recognition received	Recognition Bodies
Dr Anisha Rupashree	Best Paper Award for the paper entitled "Millets - The Resilient Crops for Sustainability" in National Seminar on G20 and Green Growth: Collaborative action for Sustainable Future under Saptrishi Budget 2023 (24th- 25th November, 2023) held at St. Aloysius College (Autonomous) Jabalpur, Madhya Pradesh.	St. Aloysius College (Autonomous) Jabalpur, Madhya Pradesh.

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	Neha Ghosh	Selected to complete her doctoral studies from ACTREC	Tata Memorial Mumbai
2	Himanshi	Qualified GATE: 2024	Ministry of HRD

Co-curricular:

S. No	Name of Student	Awards/Recognition received	Recognition Bodies
1	Soumya Saxena	Selected at RDC parade at New Delhi	Govt. of India
2	Adeeti Misshra	Selected at RDC parade at New Delhi	Govt. of India



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3	Aryan Singh Thakur	Gold Medal in 24 th senior MP state Wushu championship (kick boxing)	M.P Government
4	Desai Kartik Ganesh	Bronze Medal in 24 th senior MP state Wushu championship (kick boxing)	M.P Government

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:

24. Subject-wise Results

UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Semester I Microbiology and Immunology	108	89	19	00	82
2	Semester II Cell Biology and Biochemistry	108	96	11	01	89
TOTAL----->						

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Semester III Molecular Biology	45	36	9	00	80
2	Semester IV Recombinant DNA Technology	45	45	00	00	100
TOTAL----->		90	81	9	0	180



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UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	DSC A:	28	28	00	00	100
2	DSC A:	28	28	00	00	100
3	DSC B:	14	14	00	00	100
4	DSC B:	14	14	00	00	100
TOTAL----->						

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Biotechnology	20	20	00	00	100

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Biotechnology	20	20	00	00	100

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Biotechnology	16	00	00	00	100

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Biotechnology	16	16	00	00	100



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25. Strategic Plan and its implementation (2022-23):

Proposal of Departmental Academic Plan 2022-23

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

26. SWOC Analysis:

Strength: Good number of faculty publication, Patent

Weakness: No Research project

Opportunities: Students publication in reputed journals

Challenges: Students with diverse background with diverse needs

27. Future Plan:

Research projects

Funding for conference/ seminar/ workshop



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 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	15	Confirmed
Mr. Enosh Phillips		M.Sc	10	
Mr. Nitin Swamy			10	
Dr. Rumana Faraz		PhD	03	
Dr. Anisha Rupashree			02	

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
0	01	04	

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

Post	Sanctioned	Filled	Actual
01	01	01	01

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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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				
PG				

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

- Central Library Books and Journals, etc., relevant to Department: 316 (in department)
- Online (books, journals etc.) Subscribed: 3027
- Computers and Internet facilities for staff: 04
- Total number of class rooms: 04
- Class rooms with ICT facility: 04
- Students' laboratory: 03
- Research laboratories: 01
- Any other facility: NA

9. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
75000	00	74500	74500

10. Laboratory Facilities

Items Procured- 2022-23

S.No	Name of the chemical	Maker	Rate	Quantity	Amount
1	Ethanol 99.9%	China	300	15	4500
2	Tris Base	Himedia	3630	01	3630
3	Potassium Acetate	Himedia	3335	01	3335
4	Blood Grouping Kit	Span Diagnostics	600	01	600
5	EDTA- AR grade	RANKEM	1850	01	1850
6	Dextrose Anhydrous	Himedia	450	01	450
7	Isopropanol	Himedia	565	01	565
8	Petroleum Ether	Himedia	3110	01	3110



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9	Spirit		700	01	700
10	Acetic Acid Glacial	Himedia	515	05	2575
11	Nutrient Agar	Himedia	3300	01	3300
12	Chloroform	Himedia	695	02	1390
13	Hydrochloric Acid	Himedia	450	01	450
14	Sulphuric Acid	Himedia	545	01	545
15	Acetone	Himedia	630	02	1260
16	Weighing Balance	Casio	3000	01	3000
17	Manitol	Himedia	2550	01	2550
18	Starch Agar media	Himedia	4565	01	4565
19	Peptone	Himedia	2545	01	2545
20	Beef Extract	Himedia	2800	01	2800
21	GFP Cloning Kit	Genie	8340	01	8340
22	Beta mercaptoethanol	Himedia	950	01	950
23	Microcentrifuge tube	Himedia	1400	01	1400
24	Methanol	Himedia	915	02	1830
25	Soyabean Casien Digest medium	Himedia	620	01	620
Total					56860/-

S.No	Name of the Chemical	Maker	Rate	Quantity	Amount
1	Beaker, 50ml	OMSONS	65	25	1625
2	Beaker, 100ml	OMSONS	71	25	1775
3	Spatula	OMSONS	45	10	450
4	Burette 50 ml	OMSONS	378	10	3780
5	Slides	OMSONS	80	50	4000
Total					11630



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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 Biotechnology
St Aloysius (Autonomous) College
Jabalpur (M. P.)

Signature

Date:

Name Dr Laxmi Kant Pandey



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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:

Undergraduate Program

Program	Semester / year	Electives
BSc Chemistry	BSc I semester	Choice is offered between the three papers in Chemistry.
	BSc II semester	1.BSc I Sem: Major/ Minor/ Elective paper on Fundamentals of Chemistry
	BSc III semester	2.BSc II Sem: Major/ Minor/ Elective paper on Fundamentals of Chemistry
	BSc IV semester	3.BSc III Sem: Major/ Minor/ Elective paper on Reactions, Reagents and Mechanisms in Organic Chemistry
		4.BSc IV: Major/ Minor/ Elective paper on Transition Elements, Chemi-energetics, Phase Equilibria

Post Graduate Program

Program	Semester / year	Electives
MSc Chemistry	MSc I semester	1.MSc I Sem: One Elective out of the two- Biology for Chemist with computers and Maths for Chemist with computers
	MSc II semester	2.MSc II Sem: One Elective out of the two- Analytical Chemistry and Photochemistry
	MSc III semester	3.MSc III Sem: Two elective out of the three- Medicinal Chemistry, Polymer Chemistry and Natural Products



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	MSc IV semester	4.MSc IV: One out of two Departmental Electives-Environmental Chemistry and Chemistry of Materials And One out of two Open Electives-Bioorganic Chemistry and Biochemistry
--	-----------------	---

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

Program	Year /sem	Course	Activity
UG and PG	All Year	Certificate Course	<ul style="list-style-type: none">• Instrumentation and Analytical techniques• Fun and facts with food.

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

- **Feedback report:**

Regular feedback is taken from students, alumni, parents and employers on the curriculum in Chemistry at UG and PG level. The suggestions given by the stakeholders are included in the syllabi.

- **Action Taken report:**

To enhance teaching and learning the suggestions given by stakeholders are taken into consideration and vital changes are made.

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 Semester	Bridge classes	Chemistry	Dr. Smarika Lawrance Dr. Sutapa Roy	148 150
BSc III year		Pharmaceutical Chemistry	Dr. Amita Chhatri	45
MSc I Semester		Physical Chemistry	Dr Anjali Dsouza	20
		Inorganic Chemistry	Dr Sutapa Roy	16
		Organic Chemistry	Dr Smarika Lawrance	17

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
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BSc Chemistry	III Sem	Reaction Reagent and Mechanism in Organic Chemistry	Chemistry-Major/Minor/Elective	Dr. Smarika Lawrance	35
BSc Chemistry	III year	Pharmaceutical Chemistry and Medicinal Chemistry	Chemistry	Dr Amita Chhatri	55

f. List the methods for conducting internal evaluation?

- Innovative Experiments
- Herbal Product Preparation Exhibition
- Healthy Eating Alimentaryum
- Static/Working Model Exhibition
- Community based Societal Oriented Project
- Medicinal Structure Extempore
- Objective Test
- Subjective test
- Presentation
- Class Teaching
- Report writing
- Assignment
- Important Question Answer writing
- Practical Demonstrations
- Poster
- Library Survey
- Project Report writing

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
Training Program	Soap, Floor Cleaner, Liquid Hand Wash and Lipstick	29 th February, 2024	23
Guest lecture	Dr. S. N. Shukla- Topic-Group theory	20 th -28 th October, 2024	35
Rasayanika	Quizy Mind spark, Race your way and Rasantara	30 th October, 2024	250

g. Teaching and learning reforms:

- Regular classes are held for UG and PG Chemistry students using the Smart classes equipped with latest ICT technology.



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- All experiments are demonstrated before the students during practical classes and then the student is allowed to perform the experiment to improve understanding, maximize learning by doing and reducing probable accidents and mishaps.
- Well-structured lab manual prepared by the faculty is given to the students for performance in lab and file writing.
- Multifarious modes of CCE were used for enhancement and assessment of teaching and learning.
- Home Remedy Exhibition, Herbal Product Preparation, Experiential Learning through Innovative Experiment, Magic of Chemistry experiments were conducted for BSc I, II- and III-year students in the form of CCE.
- Students of BSc III year were sent for Internship at Jawahar Lal Nehru Krishi Vishwavidyalaya, Jabalpur for project work in subject chemistry.
- Research Oriented Societal Projects in chemistry and allied subjects were conducted in PG sem IV to provide exposure to research and orienting students towards progression in higher education in Chemistry.
- To bridge the gap between industry and academia industrial trip to Kareli Sugar Mill, Kareli was conducted for 75 students.
- Lectures on some relevant topics line Group theory were conducted for PG students by experts.
- Training Program on Soap, Floor Cleaner, Liquid Hand Wash and Lipstick was used 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.
- The students are given assignment on writing answers to some frequently asked questions and topics every semester/year towards the year end to improve learning and enhance performance during exams.

h. Internal Assessment reforms

- Multifarious modes of assessment (CCE) were used at UG and PG level to promote learning in the subject of chemistry.
- Internal assessment mode at BSc I and II Semester- Subjective test, Question Answer Assignment, Poster presentation and viva voce Question answers
- Internal assessment mode at BSc III and IV Semester- Herbal Product Preparation, Experiential Learning through Innovative Experiment, Subjective test, Question Answer Assignment
- Internal assessment mode at BSc III year- Home Remedy Exhibition, Magic of Chemistry experiments, Working and Static Model Exhibition, Seminar, Subjective and Objective Test, Question Answer Assignment, Curriculum based new experiments
- 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- Note Making, Medicinal Structure Extempore, Presentation, Practical Demonstration.

i. Best practices in Teaching and learning:

- To develop a deeper understanding of subject Chemistry Home Remedy Exhibition, Magic of Chemistry experiments, Herbal Product Preparation, and Experiential Learning



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through Innovative Experiment were done with students. It helped in overcoming the difficulties faced in learning and generating curiosity.

- To generate a clear understanding of experiments and their implications in the subject of Chemistry all experiments are demonstrated step by step during the practical period. This enable even the weakest student to follow the experimental procedure in a clear and precise manner, understand the chemistry involved and achieve result.
- The students are provided hands on training on equipment present in the laboratory through classroom practical, certificate courses, training programs and workshops conducted regularly. This promoted effective usage of equipment.
- Important topics frequently asked in exams are given as assignment to UG and PG students. This has helped in improving the presentation of students in exams.

j. Details of Value-added courses:

S.No.	Name of the course	Frequency	No. of students admitted	No. of students completed successfully
1	“Instrumentation and Analytical Techniques”	1	22	22
2	Fun and facts with food	1	27	27

k. Details of Functional MoUs'

S.No	Name of the Institution	Activities organized	No. of students participated
1	The Bhopal School of Social Sciences, Bhopal, Madhya Pradesh	Guest Lecture	25

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 Dsouza	Member of Board of Studies Postgraduate Department of Chemistry RDVV Jabalpur
Dr. Manju Gupta	Member of Board of Studies, Maharshi Mahesh Yogi Vaidik Vishwavidyalaya,

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
MSc IV Sem	Excellent Bio-research Pvt	Project



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	Limited, Jabalpur	
MSc IV Sem	National Institute of Technology, Raipur	Project
BSc III Year	Jawahar Lal Nehru Krishi Vishwavidyalaya, Jabalpur	Internship

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

Programme	Examination System
BSc III Year	Annual System (NEP)
BSc I and II Year	Semester System (NEP)
MSC Chemistry	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
1.	Dr Smarika Lawrance	Creative Approaches to Peace for Whole Person Education	United Board for Christian Higher Education in Asia	12080 USD	Three-year project

9. Research Publications

Name of Teacher	Details of Papers published in peer reviewed journals (UGC / Scopus)
Dr. Anjali Dsouza Dr. Sweta Likhitkar	<ul style="list-style-type: none"> Controlled Releases of Paclitaxel Drug investigation and Impact Analysis from Casein, European Journal of Chemistry, ISSN 2063-5346
Dr. Smarika Lawrance Dr. Amita Chhatri	<ul style="list-style-type: none"> Pb²⁺ removal from contaminated aqueous solution by adsorption onto Graphene Oxide Sand Composite (GOSC) for efficient water purification, Research Journal of chemistry and Environment,
Dr. Sweta Likhitkar	<ul style="list-style-type: none"> Applications and advancements of polysaccharide-based nanostructure for enhanced drug delivery, Colloids and surfaces B: Bio interfaces, https://doi.org/10.1016/j.colsurfb.2024.113883
Dr. Sutapa Roy	<ul style="list-style-type: none"> Vanadium Complexes: Potential Candidate for Therapeutic Applications. Transition Metal Chemistry, Springer Nature, https://ierj.in/journal/index.php/ierj/article/view/3186 Perceived returns of higher education: A case study on some college students of Jabalpur, International education and research journal, Volume 9 Issue 11, November 2023
Dr. Manju Gupta	<ul style="list-style-type: none"> Tumbling vial extraction of 2,4-dinitrophenylhydrazones of carbonyl compounds in bottled water, beer and milk using naphthalene-based magnetic polyimide as sorbent and HPLC-DAD, Microchemical Journal, 189, 2023, 108573



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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
6	Scopus	-	3 to 11	

11. Chapter in Books

Author Name	Name of Book	ISBN
Dr. Sutapa Roy	• Book title- Innovations in teaching-learning across discipline. Chapter Name - Innovative teaching learning approaches in chemistry and it's necessity	978-93-95651-93-6
Dr. Manju Gupta	• Book title- Green Analytical methods and miniaturized sample preparation technologies for forensic drug analysis Chapter Name: Single drop microextraction	9780443139062

12. Edited Books

Author Name	Name of Book	ISBN
NIL		

13. Self-Authored Book

Author Name	Name of Book	ISBN
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 Manju Gupta	UV-Vis and FT-IR spectrophotometer	Rs. 16850

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	Details of the Programme
1	Dr. Manju Gupta	Session on "Research Tools and Techniques" on 12 th February 24 organized by Manglaytan University, Jabalpur
2.	Dr. Shweta Likhitar	Session on Viksit Bharat on 7 th March 2024, organized by Swami Vivekanand PG College Manendra garh



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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	---	
Workshop/FDP/Training Programme	7	---
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 Smarika Lawrance	Member of Governing Body, St Aloysius College(Autonomous), Jabalpur

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. Shweta Likhitkar	Reviewer	B P International
Dr. Amita Chhatri	Reviewer	1, (Malasian Journal of Chemistry)
Dr. Manju Gupta	Reviewer	2, (Journal of food Composition and Analysis and Food Chemistry)

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

Name of Faculty	Awards/Recognition received	Recognition Bodies
Dr Shweta Likhitkar	Best Paper Presentation for paper entitled "Synthesis, Characterization and Application of BioChar- Chitosan Based Nano- Fertilizers in Eco Sustainable Agriculture"	"G20 And Green Growth: Collaborative Action for Sustainable Future Under Spatrishi Budget 2023, held on 24 th -25 th November, 2023, sponsored by ICSSR and organized by St Aloysius College, Jabalpur, Madhya Pradesh



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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	Asra Fatima Kareemi	Best Paper Presentation for paper entitled "Synthesis, Characterization and Application of Biochar- Chitosan Based Nano- Fertilizers in Eco Sustainable Agriculture"	"G20 And Green Growth: Collaborative Action for Sustainable Future Under Spatrishi Budget 2023, held on 24 th -25 th November, 2023, sponsored by ICSSR and organized by St Aloysius College, Jabalpur, Madhya Pradesh

Co-curricular:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies
1	Abin Thomas	First Position in Intercollegiate Western Group Singing Competition	Rani Durgawati Vishwavidalaya, Jabalpur, 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 National/International	Dates
1	Synergetic research approach through RSM, molecular docking and SPSS	MPCST, Bhopal	58	National	4 th -6 th January, 2024
2	"Envisioning Viksit Bharat @ 2047: Achieving Environment Sustainability through Collaboration"	ICSSR	Sanctioned on 27 th March, 2024 (To be organized)	National	23 rd -24 th , August, 2024
3	National Science Day	MPCST, Bhopal	350	State	28th February, 2024

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

24. Subject-wise Results

UG First year (I semester)

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Chemistry Major/Minor/Elective	172	140	32	-----	81.32%



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UG Second year (III semester)

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Chemistry Major	06	06	-	-	100%
2	Chemistry Major/Minor/Elective	90	87	13	-	96.6%
TOTAL----->						

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
	Chemistry Major	10	10	-----	-----	100%
	Chemistry Minor/Elective	91	91	-----	-----	100%
TOTAL----->						

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
CHEMISTRY	17	16	04	1	94.1%

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
CHEMISTRY	RA				

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
CHEMISTRY	14	14	0	0	100%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
CHEMISTRY	14	14	-----	-----	100%

25. Strategic Plan and its implementation (2023-24):

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
3. Faculty improvement programme for college faculty and school teachers



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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:

- Hands on experience for students through experiential learning.
- Exposure to industry/ research lab.
- Focus on developing conducive work culture.
- Interdisciplinary teaching, learning, practical- project and research.
- Delegation of work.
- Qualified and Experienced faculty
- Department is recognized as research centre by the affiliating university with faculty members as research supervisors.
- Separate laboratory for UG, PG and Research
- Inhouse Projects and seminars based on societal based topics conducted.

Weakness:

- Time Management for UG and PG teaching along with research.
- Lack of activities based on competitive Exams.
- Less number of extension activities
- Lack of exchange programs

Opportunities:

- Starting of new diploma courses and degree courses
- NET/ SET guidance to PG students
- Conducting new skill development programs
- Recognized research centre
- Existing and new MOU's
- Advancement in instrumentation facilities
- Multiple growth opportunities for individual teachers.

Challenges:

- Catering to rural students
- Enhancing the interest of students towards Chemistry
- Introducing green chemistry methods in practical
- Time Management for research, teaching, practical and other activities
- Students perception about the college and department.
- Decreasing number of admissions
- Maintenance of good result
- Placement of PG and UG students.

27. Future Plan:

1. To start a new degree course in Pharmaceutical Chemistry
2. Conducting tours to chemical industries
3. Conducting hands on training programmes for Chemistry students.



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 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.	34 years/ 19 years	Confirmed
Dr. Smarika Lawrance	Assistant Professor	B.Ed., M.Sc., Ph.D.	19 years/ 17 years	Confirmed
Dr. Sutapa Roy	Assistant Professor	B.Ed. M.Sc., Ph.D.	21 years/ 21 years	Confirmed
Dr. Shweta Likhitkar	Assistant Professor	B.Ed., M.Sc., Ph.D.	15 years/ 15 years	Confirmed
Dr. Amita Chhatri	Assistant Professor	M.Sc., Ph.D.	12 years/ 17 years	Confirmed
Dr. Manju Gupta	Assistant Professor	B.Ed., M.Sc., Ph.D.	21 years/ 22 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
UG	30	27				
PG	23	20	30	3	17	20



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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
MSc	90%	10%	-----	-----

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

- Central Library Books and Journals, etc., relevant to Department: Books- 4111 & Journals- 03
- Online (books, journals etc.) Subscribed: Through E- resources –INFLIBNET, DELNET, PDFCHEM. NET, The American Library and NDLE-books- 4769 & E- Journal- 540
- Computers and Internet facilities for staff: Computers- 01 / Laptops: 02 / Wi-Fi Facility
- Total number of classrooms: 04
- Classrooms with ICT facility: 04
- Students' laboratory: 03
- Research laboratories: 01
- Any other facility

9. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
30,000/-	12,700/-	25,575	Rs. 38275/-

10. Laboratory Facilities

S. No	Name of Item	Configuration	Quantity
1	UV visible spectrometer		1
2	Flame Photometer		1
3	Tensile Tester		1
4	COD and BOD Incubator		1
5	Conductivity Bridge		1
6	Potentiometer		1
7	pH meter		1
8	Ion Meter with Ion Selective Electrode		1

03 Laboratories – 1 MSc Chemistry Lab, 1 Physical Instrumentation Lab and UG Chemistry Lab



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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: Department of 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 & II Sem	1. Business Economics Paper I, Paper II 2. Banking & Insurance Paper I, Paper II 3. Data Processing Software Paper I, Paper II 4. Advertisement & Sales Promotion Paper I, Paper II 5. Business & Vedic Mathematics Paper I, Paper II NCC
	III & IV Sem	1. Applied Economics Paper I, Paper II 2. Corporate Legal Framework Paper I, Paper II 3. Principles of Management Paper I, Paper II 4. Financial Market Operations Paper I, Paper II 5. C# & Internet Paper I, Paper II NCC
	III Year	1. Applied Economics- Paper I, Paper II 2. Tax Procedure & Practice- Paper I, Paper II 3. Computer Application- Paper I, Paper II
M.Com.	I Sem.	<u>Finance</u> 1. Financial Management 2. Financial Institutions and Markets <u>Marketing</u> 1. Marketing Management 2. Advertising and Sales Management
	II Sem.	<u>Finance</u> 1. Investment Management 2. Project Planning & Management <u>Marketing</u> 1. Consumer Behaviour 2. Strategic Marketing
	III Sem.	<u>Finance</u> 1. Portfolio Management <u>Marketing</u> 1. Service Marketing Management <u>Open Elective</u> 1. Citizen and Civic Awareness 2. Human Resource Management 3. Web Designing and Networking 4. Fundamentals of Communication



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M.Com.	IV Sem.	<u>Finance</u> 1. International Financial Management <u>Marketing</u> 1. International Marketing. <u>Open Elective</u> 1. Human Rights 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 Filing & Filing	Online ITR
Add on Course	Open for All	GST Return Filing & Filing	Online ITR
Add on Course	Open for All	CPBFI	HR Workshop
Add on Course	Open for All	USCMA	Mock test preparation
Add on Course	Open for All	Finance for Non financials	Practicals on tally software
Add on Course	Open for All	Taxation for Beginners	Filing of Income tax form
Vocational Course	Open for All	Finance, Banking & Insurance	Workshop on basics of finance
Vocational Course	Open for All	E-Accounting & Taxation With GST	Practicals on tally software
Vocational Course	Open for All	Accounting with Tally	Practicals on tally software

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

1. Feedback report:

https://drive.google.com/file/d/1Vkyhf_RJfzZNJbStkmQYrfmsLwlRoQHF/view?usp=sharing

2. Action Taken report: <https://drive.google.com/file/d/1pgsSXiOG1sth3-6dNuQveUi7-qQ-QC-V/view?usp=sharing>

d. Number of teachers preparing & following Academic Teaching plan: 27

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 II Year	App. Eco. & Corporate Law	Journal, Ledger & Trial Balance	Dr. Sanjay Rajak	54
B.com II Year	FMO	Listing of Securities	Dr. Priya Sahni	58
B. Com I Sem	Data Processing	Financial Accounts	Dr. Yogesh Ashar	46
B.com II Year	App. Eco.	Economics	Dr. Komal Rawat	49



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B.com I Sem	Business Maths	Logarithm & Antilogarithm	Dr. Surbhi Jain	24
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Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
B.com	I Sem	Business Economics	Financial Accounting	Dr. Sanjay Rajak	24
B.com	I Sem	Advertisement & Maths	Business Maths	Dr. Surbhi Jain	16
B.com	II Year	App. Eco. & Corporate Law	Principles of Statistics	Dr. Preeti Jain	28
B.com	I Sem	Banking & Insurance	Financial Accounting	Dr. Yogesh Ashar	26
B.com	I Sem	Advertisement & Maths	Financial Accounting	Ms. Nidhi Rajak	27
B.com	II Year	FMO	Cost Accounting	Dr. Sunil Tiwari	19
B.com	II Year	PMO	Corporate A/c	Dr. Harbaksh Moolchandani	28
B.com	II Year	Applied Economics	Corporate accounting	Dr. Sanjay Rajak	31
B.com	II Year	POM	Principles of Statistics	Dr. Dilip Kosta	21
B.com	II Year	FMO	Corporate accounting	Dr. Sonal Rai	22
B.com	II Year	Tax	Cost A/c	Dr. Kusdshiya Raza	20

f. **List the methods for conducting Internal evaluation?** Methods adopted for evaluation of internal exams for 1st Sem, 2nd Sem, 3rd Sem, 4th Sem and 3rd Year are as follows: -

- Unit wise Written tests
- Assignments
- Report writing
- PPT Presentations
- Group Discussion Activity
- Case Studies
- Quiz
- Debate
- Extempore
- Posters
- Charts
- Notes preparation and copy checking

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
Job opportunities in CMA US	Mr. Michael Wagner	24.08.2023	45



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certification Course			
Roadmap of CMA	Ms. Meena Verma	01.09.2023	45
Financial Reports	CA Mohit	11.09.2023	92
Financial Planning and Reporting.	CA Supreet Agarwal	22.09.2023	83
Roadmap of CPBFI	CA Sushant parakh	11.10.2023	100
Finance for Non-Finance Professionals	CA Supreet Agrawal	22.11.2023	78
One day Career Counseling with The Institute of Chartered Accountant of India (ICAI)	C.A Aditya Parwani	13.12.2023	69
"The Intellect Quest"	Mrs. Ruby Jain,	04.01.2024	77
Fundamental & Technical Analysis for Stock Trading	Mr. Sheerish Jain	11.01.2024	43
Carrier Opportunities in Insurance Company	Mr. Sanjay Dixit	18.01.2024	48
Role of Corporate Social Responsibility in Banking Company	Ms. Pallavi Gandhalikr	21.01.2024	79
CAT Preparation and GDPI	Mr. Abhishek Agrawal	25.01.2024	96
Entrepreneurship and Start-up Policies and Regulations	Mr. Agranshu Dwivedi	28.01.2024	64
Social Networking Skills	Ms. Damini Agrawal	02.02.2024	49
Innovation and Start up Regulations	Mr. Hridyesh Roy	06.02.2024	100
New Trend and Techniques in International Market	Mr. Vivek Singh	15.02.2024	85
Government funding schemes for Start up	Ms. Shweta Namdeo	18.02.2024	65
Budget 2023: A brief discussion	Dr. Shailesh Choubey	25.02.2024	49
Complete Analysis of Budget 2020	Mr. Lalit Pahwa	26.02.2024	78
Marginal Costing Techniques	Mr. Abhijeet	27.02.2024	62
Career in LIC	Mr. Bala Pillay	28.02.2024	59
Need and classification of insurance	Mr. Sumit Anand	29.02.2024	61
Structure of Insurance Companies	Miss. Prachi Mane	03.03.2024	31
Facing Rejection and Non Conversation	Ms. Pallavi Gandalikar	11.03.2024	52
Basic Principles of Insurance	Mr. Raja D' cruse	19.03.2024	67
Structure of Insurance Companies	Miss. Prachi Mane	28.03.2024	43
Principles of Accounting and Management	Ms. Shrishti Chaddha	06.04.2024	49



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h. Teaching and learning reforms: Using smart tools in teaching through smart boards, YouTube lectures recorded by teachers.

- **Internal Assessment reforms:** Preparation of internal question papers based upon Blooms' taxonomy, E-Assignments, Case Studies, E-Quiz based upon Google forms.

i. Best practices in Teaching and learning: Teaching through LMS, DMS, and smart boards.

j. Details of Value-added courses:

S.no	Name of the course	Frequency	No. of students admitted	No. of students completed successfully
1	US CMA	02	36	Pursuing
2	CPBFI Bajaj Finserv	01	55	41
3	Global Business with ECU	02	60	60
4	Finance for Non-Financial Professional	01	123	99
5	Taxation for Beginners	02	25	25

k. Details of Functional MoUs'

S. No	Name of the Institution	Activities organized	No. of students participated
1	US Miles	Webinars on Accounting & Cyber risk, Guest lectures, Capital Budgeting process & Techniques Industrial, Expert session Workshop on communication skills	49
2	Bajaj Finserv	Mock Interview, HR Workshop CAWS (Communication at workplace) sessions	55
3	East Carolina University	Collaborative Projects	25
4	AIFMB	Virtual Sessions & Boot Camp	55
5.	CA Vijaya Agrawal	Internship	18
6	Land of learners	Addon Course	123

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

Number of Teachers	Sanctioned	Filled
27	27	27



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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. 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.

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
USCMA	Miles Education	Online Quiz, Case study preparation
CPBFI	Bajaj Finserv	Mock Interview
Global Business	East Carolina University	Online Interaction with Global community

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

Programme	Examination System
B.Com. I & II Sem.	Semester
B.Com. III & IV Sem.	Semester
B.Com. III Year	Yearly
M.Com.	CBCS

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	Details of Papers published in peer reviewed journals (UGC / Scopus)
Dr. Rupali Ahluwalia	India's Trade Policy and GVCs: An Insight on Recent Policy Changes for Selected Sectors. Organization development Journal, Volume 11, Issue10, 0889-6402
Dr. Nidhi Khurana	India's Trade Policy and GVCs: An Insight on Recent Policy Changes for Selected Sectors. Organization development Journal, Volume 11, Issue10, 0889-6402
Dr. Komal Rawat	Embedding SDG 12 in consumer behaviour. A survey of knowledge, attitude and perception for sustainable consumption. Visions for Sustainability, No.20, 2384-8677
Dr. Priya Sahni	Embedding SDG 12 in consumer behaviour. A survey of knowledge, attitude and perception for sustainable consumption. Visions for Sustainability, No.20, 2384-8677
Dr. Sanjay Rajak	Making India a Global Education Hub Opportunities and Challenges. Juni Khyat Journal UGC Care Group I Listed Journal Volume-13, Issue 01, 2278-4632



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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
02	01	04	02	02

11. Chapter in Books

Author Name	Name of Book	ISBN
Dr. Sunil Kumar Tiwari	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Dr. Dileep Kumar Koshta	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Dr. Rupali Ahluwalia	Managing for the Future: General Management Principles and Applications	978-81-19567-40-9
Dr. Nidhi Khurana	Managing for the Future: General Management Principles and Applications	978-81-19567-40-9
Dr. Ekta Mukar	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Dr. Sarita Goel	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Dr. Kudshiya Raza	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Dr. Sonal Rai	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Dr. Preeti Jain	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Dr. Ashu Jain	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Ms. Nidhi Rajak	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Dr. Surbhi Jain	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Dr. Komal Rawat	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9



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Dr. Yogesh Ashar	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Dr. Harbaksh Moolchandani	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Dr Tarvinder Kaur	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Dr. Sanjay Kumar Rajak	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Dr. Nidhi Khurana	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Dr. Priya Sahni	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Dr. Rupali Ahluwalia	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Ms. Taranpreet Saluja	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Ms. Vaishnavi Naghat	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Mr. Jatin Anand	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Dr. Nidhi Khurana	National Education Policy 2020: Reshaping the Future	978-93-5829-924-3
Dr. Komal Rawat	National Education Policy 2020: Reshaping the Future	978-93-5829-924-3
Dr. Sonal Rai	National Education Policy 2020: Reshaping the Future	978-93-5829-924-3
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Dr. Sunil Kumar Tiwari	G20 and Green Growth: Collaborative Action for sustainable future under Saptrishi Budget 2023	978-93-5879-400-7
Dr. Dileep Kumar Koshta	G20 and Green Growth: Collaborative Action for sustainable future under Saptrishi Budget 2023	978-93-5879-400-7
Dr. Rupali Ahluwalia	G20 and Green Growth: Collaborative Action for sustainable future under Saptrishi Budget 2023	978-93-5879-400-7
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Dr. Preeti Jain	G20 and Green Growth: Collaborative Action for sustainable future under Saptrishi Budget 2023	978-93-5879-400-7
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Dr. Nidhi Khurana	Service Sector in India: Prospects and Challenges	978-93-9415-165-9
Dr. Komal Rawat	Service Sector in India: Prospects and Challenges	978-93-9415-165-9



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Ms. Taranpreet Saluja	Service Sector in India: Prospects and Challenges	978-93-9415-165-9
Mr. Jatin Anand	Service Sector in India: Prospects and Challenges	978-93-9415-165-9
Mrs. Daspreet Kaur	Service Sector in India: Prospects and Challenges	978-93-9415-165-9

12. Edited Books

Author Name	Name of Book	ISBN
Rev. Dr. J.G.Vazhan Arasu Dr. Rupali Ahluwalia Dr. Nidhi Khurana	Implementation of Sustainable Development Goals in Higher Education: Evidence of Practices and Collaboration	978-81-19757-90-9
Rev. Dr. J. Ben Anton Rose Dr. Rupali Ahluwalia Dr. Preeti Jain	Service Sector in India: Prospects and Challenges	978-93-9415-165-9
Rev. Dr. J.G.Vazhan Arasu Dr. Rupali Ahluwalia Dr. Nidhi Khurana	G20 and Green Growth: Collaborative Action for sustainable future under Saptrishi Budget 2023	978-93-5879-400-7

13. Self-Authored Book

Author Name	Name of Book	ISBN
-	-	-

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. N	Name of the teacher	Nature of consultancy	Funds generated
1	Mr. Harbaksh Moolchandani	Income Tax Filing	Rs. 5000
2	Dr. Sonal Rai	IOT Academy	Rs. 1000
3	Dr Rupali Ahluwalia	Malviya Mission Teacher Training Centre (MMTTC)	Rs.1500
4	Dr Rupali Ahluwalia	Malviya Mission Teacher Training Centre (MMTTC)	Rs.1500
5	Dr. Komal Rawat	IOT Academy	Rs. 1000

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	Details of the Programme
1	Dr. Sonal Rai	Resource person on topic "Personality Development for Teachers" on 05.10.2023
2	Dr Rupali Ahluwalia	Delivering Lecture entitled " Student Centric and Participative Teaching Techniques" on 12.01.2024



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(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

3	Dr Rupali Ahluwalia	Delivered lecture on "Internship/ Apprenticeship Embedded Degree Programs" on 14.02.2024
4	Dr. Ashu Jain	Networking and Community Building 14.02.2024
5	Dr. Nidhi Khurana	Diversity and inclusion at workplace 06.03.2024
6	Dr. Komal Rawat	Resource person on topic "Artificial Intelligence in Science, Technology and Commerce" on 18.08.2023

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/ MMTTC	21	-
Seminar/Conference	21	21
Workshop/FDP/Training Programme	21	21
Paper presentation	21	21

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. Preeti Jain	Life Member, Indian Accounting Association
6.	Dr. Ekta Mukar	Life Member, Indian Accounting 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.



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

Name of Faculty	Awards/Recognition received	Recognition Bodies
Dr. Sonal Rai	Rank of captain to Major	Commanding Officer NCC
Dr. Rupali Ahluwalia	CSR Course Coordinator	CPBFI Bajaj Finserv

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.	Sonali Chakrawarti	AICPA Strategic Finance Certification Exam	AICPA
2.	Kaneeka Pandey	AICPA Strategic Finance Certification Exam	AICPA
3.	Supriya Korte	AICPA Strategic Finance Certification Exam	AICPA
4.	Mansi Chouhan	ANALYTICA 4.0	Grant Thornton and Jagran Lakecity University
5.	Sahil Poptani	ANALYTICA 4.0	Grant Thornton and Jagran Lakecity University
6.	Kaneeka Pandey,	ANALYTICA 4.0	Grant Thornton and Jagran Lakecity University
7.	David Daniel Dmello	ANALYTICA 4.0	Grant Thornton and Jagran Lakecity University

Co-curricular:

S. No	Name of Student	Awards/Recognition received	Recognition Bodies
1	Vanshika Namdeo	Gold medal in International Wushu	Khelo India
2	Tanya Jatav	Gold and silver medal in National level Wushu	Khelo India
3.	Chirag Vidyarthi	International level	Khelo India
4.	Amulya Tiwari	Third position in Debate	Intercollegiate level
5.	Amulya Tiwari	First- Business Plan Competition	St. Paul College
6.	Injala Khan	First- Business Plan Competition	St. Paul College

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	G20 and Green Growth: Collaborative action for sustainable future under saptarishi Budget 2023	ICSSR	175	National	26-27 Dec. 2023



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Year 2023-24

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

24. Subject-wise Results

UG First year (1st Sem 2023-24)

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	Result W/H	PERCENTAGE OF RESULT
1	Banking & Insurance	244	202	29	03	10	83%
2	Advertisement & Sales Promotion	111	77	14	09	11	69.3%
3	Business Economics	175	104	28	01	06	59.4%
4	Business Maths	36	31	02	02	01	86.11%
5	Data Processing	287	212	33	05	37	74%
6	NCC	38	22	02	01	13	58%
TOTAL----->		891	648	108	21	78	

UG Second year (3rd Sem 2023-24)

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Applied Economics	18	14	02	02	77.7
2	Corporate Law	32	32	-	-	100
3	DBMS	259	190	55	07	73.35
4	Financial Market Operations	137	130	-	06	94.8
5	Principles of Management	287	228	51	08	79.4
6	NCC	20	16	02	-	80
TOTAL----->		753	610	110	23	

UG Third year (Exams yet to be conducted)

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.Com. Overall	896	844	43	09	85.5

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.Com. I Sem	49	45	04	-	92%



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Year 2023-24

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.Com.	37	35	-	02	94.5%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT

25. Strategic Plan and its implementation (2023-24):

Commerce CATEGORY-WISE STRATEGIC PLAN

I. Curricular Aspects

1. Improve the enrolment of students in certificate courses – Have 100% of the students enroll in at least one certificate course.
2. Introduce project-based learning for all programmes
3. Introduce job-oriented value-added courses.
4. Get approval from SWAYAM and upload a course its platform.
5. Departmental Blog to be created for current updates on the subject and easy access by our students at any time anywhere.
6. Make one of the B. Com sections to a professional IT section.
7. Offer different vertical choice of electives in line with NEP

II. Teaching-learning and Evaluation

1. Raise the percentage of PhD holders in teaching staff to 100% by 2024,
2. Ensure 100% coverage of syllabus via e-resources on college LMS.
3. Initiate Leadership & Life Skills course to meet global norms for Life Skills training.
4. Include additional hours spent by teachers on slow learners into the modified API framework.
5. Create a systematic approach to assessing attainment of learning outcomes as stated in POs, PSOs, and COs.
6. Introduce auxiliary training like coaching for IELTS/TOEFL/ Banking/ Competitive exam etc.

III. Research, Innovations and Extension

1. Improvement in Research and Publication
2. Student co-authored publications to be increased.
3. Colloquia sessions to have increased focus on research.
4. At least one book per year to be published by the Department.



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5. One Departmental Journal to be introduced by the end of this year.
6. Consultancy through revenue-sharing mechanism to be encouraged.
7. Increase the number of functional MoUs.
8. Number of student's owned start-ups to be increased.

IV. Infrastructure and Learning Resources

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

V. Student Support and Progression

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

VI. Governance, Leadership, and Management

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

VII. Institutional Values and Best Practices

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

SWOC Analysis:

STRENGTH-

1. The Department is having 21 members out of which 17 are PhD holders, 03 are NET qualified, 2 are SET qualified and 03 are registered for PhD.
2. Having Research Center of Commerce has opened new dimensions of research in Commerce.
3. Faculties being research guides and co-guides will lead the upcoming research scholars.
4. Huge demand for the Commerce and Add on courses like Income Tax filling and Filing, Finance for Non financials, Fundamentals and Trend Analysis for Stock Trading, CPBFI, US CMA, SWAYAM etc are offered by the department which are more than any other faculty.
5. The Department is involved in linkages with Industries and outside institutes to bridge the gap between academia and industry.
6. Different vertical choices are offered to students as per NEP. (Banking, Advertising, Data Processing, Business Maths and Business Economics)
7. The Department is committed to inculcate leadership skills through Commerce Forum for which different fests like Bharat Business Conclave 1.0, 2.0, Quiz Competitions, case study competitions, Managerial Games and many other activities are conducted.



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8. The Department is focused towards excelling the skills and capacity in international and national levels.
9. Students are encouraged to participate in case study competitions to enhance and improve their logical thinking.
10. The Department always strive to make learning a fun which attracts the students to learn theories through practical approach.
11. The dropout rate is very less as compared to other streams and faculties.
12. During pandemic, to ease in learning, the Department had recorded and uploaded more than 800 lectures on college website.
13. The Department has the advantage of technology integrated in the classrooms for instruction and it also maintains departmental library for under privileged students.
14. 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. Fewer Industries available in Local Area for Industrial exposure of students.

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.
To promote reading and learning habits in stakeholders.

26. Future Plan:

Short Term Plan (12 Months)

1. Industrial MoUs for student's internship and project as per NEP.
2. Faculty Development Program on Academic Leadership.
3. International Seminar on Sustainable and winning Business Practices.
4. Student Workshop on Financial Literacy.
5. Panel Discussion on 'Annual Budget'.

Mid Term Plan (1-3 Years)

1. Publication of Scopus indexed and Web of Science Papers.
2. Publication of Edited Books.
3. More faculty members to be approved as research supervisors.



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4. Starting professional Add-on Courses.
5. 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: 1:45
2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
Assistant Professor	30	30

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	In Charge Commerce	M.Com., PhD	21	Confirmed
Dr. Rupali Ahluwalia	Head of Department	M.Com., PhD	19	Confirmed
Dr. Tarvinder Kaur	Deputy Controller of Exam	M.Com., PhD	18	Confirmed
Dr. Sanjay Rajak	Coordinator (Major Subject)	M.Com., PhD	17	Confirmed
Dr. Preeti Jain	Assistant professor	M.Com., NET, PhD	17	Confirmed
Dr. Ashu Jain	Coordinator (Elective Subject)	M.Com., M.B.A., PhD	15	Confirmed
Dr. Sunil Tiwari	Assistant professor	M.Com., PhD	16	Confirmed
Dr. Dileep Koshta	Coordinator (Minor Subject)	M.Com., SLET, PhD	12	Confirmed
Dr. Yogesh Ashar	Assistant professor	M.Com., PhD	11	Confirmed
Dr. Kudshiya Raza	Assistant professor	M.Com., PhD	11	Confirmed
Mr. Harbaksh M.	Assistant professor	M.Com., ICWA	16	Confirmed
Dr. Nidhi Khurana	Assistant professor	M.Com., MBA, PhD,	9	Confirmed
Dr. Komal Rawat	Assistant professor	M.Com., M.A., NET, Ph.D.	12	Confirmed
Dr. Sarita Goel	Assistant professor	M.Com., B.Ed., PGDCA, Ph.D.	13	Confirmed



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Dr. Surbhi Jain	Assistant professor	M.Com., Ph.D.	7	Confirmed
Dr. Ekta Mukar	Assistant professor	M.Com., MBA, Ph.D.	15	Confirmed
Dr. Priya Sahni	Assistant professor	M.Com., M.A., NET, Ph.D.	10	Confirmed
Ms Nidhi Rajak	Assistant professor	M.Com., MBA, PGDIBO, Ph.D.	02	Confirmed
Mr. Jatin Anand	Assistant professor	M.Com	01	Confirmed
Ms. Taranpreet Kaur	Assistant professor	M.Com	01	
Mrs. Daspreet Kaur	Assistant professor	M.Com, NET, SET	01	

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
28	01	01	0

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

Post	Sanctioned	Filled	Actual
00	00	00	00

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

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
B. Com	1107	965	-	543	422	965
M.Com.	82	60	-	21	39	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
B. Com	97%	-	3%	-
M.Com.	94%	-	6%	-

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

- Central Library Books and Journals, etc., relevant to Department- 28314 books, 19 journals.
- Online (books, journals etc.) Subscribed- InflibNet, DelNet, American Library, PDFchm.net, NDLI, EPWRF Indian Time Series, DrillBit plagiarism detection software



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- c) Computers and Internet facilities for staff –14 laptops and 6 desktops with internet
- d) Total number of class rooms - 32
- e) Class rooms with ICT facility - 32
- f) Students' laboratory - 2 (For Data Processing Students)
- g) Research laboratories - 1 Research Center
- h) Any other facility - N/A

9. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
-	-	-	-

10. Laboratory Facilities

Items Procured- 2022-23

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.

Head
of Commerce
St. Aloysius' College
Jabalpur

Signature-

Date: 12.04.2024

Name Dr. Rupali Ahluwalia



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ACADEMIC & ADMINISTRATIVE AUDIT

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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
BCA I	I and II Semester	1.Data Visualization using spreadsheet 2.Computational Mathematics 3.Discrete Mathematics 4.Multimedia and Animation
BA I Year	I and II Semester	1.Data Processing Software 2.Basics of Programming methodology and database 3 MS Office 4 Computer Fundamentals
B. Com I Year	I and II Semester	1.Data Processing Software 2.Basics of Programming methodology and Database
B.Sc. (CS) I Year	I and II Semester	1.Computer System Architecture 2. Programming in C++ and Data Structure 3. MS Office 4. Computer Fundamentals
B.Sc (CS) II Year	III and IV Semester	1. Computer Networks and Information security 2. Object Oriented Programming with Java
B.Sc III yr		1. Operating System 2. PHP with Mysql 3. Data Analysis and Visualization with Python 4. Cloud Computing 5. Programming using Python
BCA II Year	BCA III and IV Semester	1. IoT 2. Block Chain Technology 3. E-Commerce 4. React JS
BCA III Year		1. Computer Graphics 2. PHP with MySQL 3. Data Warehousing 4. Web Technologies 5. Data Science and Machine Learning 6. Cyber Security
M. Sc III		1. Artificial Intelligence 2. Cyber Security 3. Digital Marketing 4. Cloud computing 5. Economics 6. Indian Politics



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M.Sc IV		1. Software Project Management 2. Cloud Computing 3. TCP/IP Concepts 4. Data Sciences with Python
B. Com/BA II year	B.Com III and IV semester	1. Database Management System 2. Introduction to ASP.Net and C#
B. Com III year		1. Internet and its Application
BBA I Sem		IT for Managers

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

Program	Year /sem	Course	Activity
BCA	I Sem	Data Visualization using Spreadsheet	Visualization of literacy rate of Indian using spreadsheet
BCA	III Sem	Internet of Things	Guest Lecture on "IoT cloud based service" and "Network function visualization".
BCA	III year	Cloud Computing	Expert talk on "Cloud Analytics".
BCom	III year	Web Designing and Development	Field Projects on Designing and Development of various administrative and academic web pages for college websites.
M. Sc (Computer Science)	I Sem	Information Security	Study of Security Mechanism of St. Aloysius College Server
	II Sem	Big Data Analytics	Practical on "Installation and configuration of Hadoop" use for technical customer care representative.
	III Sem	Artificial Intelligence	Practical on "Discovery of Knowledge and Relationships in Datasets

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: 16

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 Sem and II Semester	Computer Application	1. Data Processing Software 2. Basics of Programming methodology and database	Ms. Kajal Mahawar	25
				37
B. Com I and B. Com II Semester	Computer Application	1. Data Processing Software 2. Basics of Programming methodology and database	Mrs. Sukhvinder Kaur Walia	90
				72
			Mrs. Shradhda Soni	90
				89
B.Sc (CS) I Sem and II	Computer Science	Basics of Computer	Ms. Mala Das	25
BCA Isem and II Sem				54
M.Sc (CS) I Sem	Computer Science	Java with GUI	Mrs. Khushbu Gupta	12



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Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
BCA	I and II Sem	BCA	Computer Fundamental organization and architecture	Ms. Mala Das	15
B.Com	I and II Sem	Computer Application	1.Data Processing Software 2. Basics of programming methodology and Data	Mrs. Sukhvinder K.Walia	70
				Mrs. Shradha Soni	25
B.Com	III and IV Sem	Computer Application	1.Relational Database Management System 2. Introduction to ASP.Net and C#	Ms. Arifa Anjum	40
				Ms. Kajal Mahawar	35
B.Sc (CS)	I and II Sem	Computer Science	Computer System Architecture	Ms. Mala Das	18
B.Sc (CS)	II	Computer Science	Computer Networks and Information security	Mr. Jitendra Jain	20
BA	I and II Sem	Computer Application	1.Data Processing Software 2.Basics of Programming Methodology and Database	Ms. Kajal Mahawar	10
					8
BA	II	Computer Application	Introduction to ASP.Net and C#	Mr. Prakash Kumar Lange	5

a. What is the method for conducting internal evaluation?

- Offline Mode: - Written Test, Practical Test, Practical Viva, Mini Projects, Major Projects, Assignments, Poster Presentation, micro teaching, Internal Practical Exam.
- 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
Two days' workshop on digital Marketing and Social Media Analysis	Mr. Gyanendra Singh, Cognac System Private Limited, Jabalpur	6 th and 7 th October, 2023	140
Guest Lecture on Cyber Security and Awareness	Mr. Vivek R. Shrivastava HDFC Bank Limited LM- Prevention and Detection Credit Intelligence & Control 2 nd Floor Kumbhare Mansion Vijay Nagar Jabalpur(482001)	20 th January, 2024	70
Guest Lecture on Research Methodology for PG Students	Dr. Laxmikant Pandey, Head, Department of Biotechnology, St. Aloysius' College, Jabalpur	19 th August, 2023	35



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f. Teaching and learning reforms:

- Mind Mapping
- Brain Storming
- Just in time teaching
- Experiential learning

Lecture cum Demonstration

g. Internal Assessment reforms:

- Skill assessment Practical Test
- Theory Written Tests
- Major/field Project follow up
- Debugging Exercise
- Technical Presentation
- Peer Learning and Evaluation
- Project and Internship follow-up

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

Number of Teachers	Sanctioned	Filled
16	16	16

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	Chairman, Board of Studies, Rani Durgavati University, Jabalpur
Mrs. Sukhvinder Kaur	1.Subject expert in BOS (Computer Science) Maharishi University 2.Subject expert and Alumni BOS (Computer Science) Mata Gujri College, Jabalpur

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
RHCSA	Red Hat	Webinar on "Installation and Configuration of DevOps"

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)
M.Sc(CS) II and IV Sem	Choice Based Credit System (Semester)
BCA I and II semester	Semester +Grading +Credit System
BCA II and III Semester	Semester + Grading +Credit System
BCA III Year	Annual
BA I and II Semester	Semester +Grading +Credit System
BA III and IV Semester	Semester +Grading +Credit System
BA III year	Annual
BSc (CS) I and II Semester	Semester +Grading +Credit System
BSc (CS) III and IV Semester	Semester +Grading +Credit System
BSc(CS) III Year	Annual
B.Com (CA) I and II Semester	Semester+Credit System



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B.Com (CA) III and IV Semester	Semester+Credit System
B.Com (CA) III year	Annual

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	Nil				

9. Research Publications

Name of Teacher	Papers published in peer reviewed journals
Dr. Siby Samuel	Challenges and Opportunities in Intellectual Property Rights (IPR) in the Age of Generative AI: Balancing Innovation and Protection, ISSN- 2319-7064, SJIF (2022):7.942, Volume 13, Issue 2, February 2024.
Mrs. Sukhvinder Kaur Walia	A Comparative Analysis of Machine Learning Algorithms for Crime Detection, Vol 57, ISSN:0025-0422, UGC Care Group I Journal
Saroj Junghare	Machine Learning Classification algorithms for Student Evaluation in Higher Education, Impact Factor (SJIF)-8.632, Issue No. – (CDLXVI)461-A
Mr. Prakash Kumar Lange	Comprehensive Study of XGBoost and SVM Algorithms for prediction of Heart Disease, ISSN: 2278-4632, Vol 14, Issue 04,2024, Impact Factor: 6.625
Mr. Jitendra Jain	Comprehensive Study of XGBoost and SVM Algorithms for prediction of Heart Disease, ISSN: 2278-4632, Vol 14, Issue 04,2024, Impact Factor: 6.625
Ms. Kajal Mahawar	Role of technology in green innovation and green growth in G20 India: Machine Learning Evaluation,

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
7	Nil			

11. Chapter in Books

Author Name	Name of Book
Dr. Siby Samuel	Evolution of Block Chain Technology, Book Titled: Applications of Block Chain Technology, ISBN: 978-81-19149-10-0, May 2023
	Features creation for optimizing the Compilation using Machine Learning, ISBN- 978-81-972354-9-8, Nine tales Publishing
Mrs. Sukvinder Kaur Walia	Mentoring in Digital Era: A Technological Perspective, ISBN-978-93-92268-69-4, 2024, Wizcraft Publication & Distribution
	Predictive Analytics: An Effective Evaluation tool under NEP 2020, Book Titled: - Synchronization of NAAC and NEP-2020, ISBN: 978-81-961703-1-8, 2024
	Predictive Analytics: Transforming Higher Education in NEP, Book Titled: National Education Policy 2020 Reshaping the Future, ISBN: 978-93-582992-4-3
Mrs. Khushbu Gupta	Garbage Hotspot Identification using Pattern Recognition for urban and Rural Areas, ISBN- 978-81-972354-9-8, Ninetales Publishing



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	Tool wise Analysis of Covid-19 Dataset for more Accurate Prediction Using Different Classifiers, ISBN: 978-81-972354-9-8
	Mentoring the mentors: Moving Towards Enhanced Digitization, ISBN: 978-93-92268-69-4
Mrs.Saroj Junghare	PERFORMANCE ANALYSIS OF MULTIPLE CLASSIFIERS, Book Titled: - Capturing Artificial Intelligence in Present Scenario, ISBN- 978-81-19492-71-8, Mahi Publication, 2024
	The transformative role of Information Technology (IT) in Mentoring for Hygiene Education among students, ISBN-978-93-92268-69-4, 2024, Wizcraft Publication & Distribution
	BLOCKCHAIN-POWERED PRIVACY IN ELEARNING: AN EXPLORATION OF ZERO-KNOWLEDGE PROOFS, Book Titled: - Capturing Artificial Intelligence in Present Scenario, ISBN- 978-81-19492-71-8, Mahi Publication, 2024
	Combating the threat of fake news with multifaceted Detection techniques, ISBN- 978-81-972354-9-8, Ninetales Publishing
Mr.Amit Kumar Yadav	Recommender System using AI, Book Titled: Capturing Artificial Intelligence in Present Scenario, ISBN:978-81-19492-71-8,
	A New Lightweight Cryptographic Algorithm for Enhancing Data, , ISBN- 978-81-972354-9-8, Ninetales Publishing
	Classification Techniques in Recommendation System, ISBN- 978-81-972354-9-8, Ninetales Publishing
Ms.Mala Das	Prediction of a Cricket match winner using machine learning algorithm, ISBN- 978-81-972354-9-8, Ninetales Publishing
	Graphologically online Evaluation: Identify the confidence level by using Chatbot, ISBN- 978-81-972354-9-8, Ninetales Publishing.
Mr.Swapnil Justin	Study of AI in the Field of Mentoring, ISBN-978-93-92268-69-4, 2024, Wizcraft Publication & Distribution
	Role of ICT in Effective Teaching and Learning, Book Titled: - Synchronization of NAAC and NEP-2020, ISBN: 978-81-961703-1-8, 2024
	Classification Techniques in Recommendation System, ISBN- 978-81-972354-9-8, Ninetales Publishing
	A New Lightweight Cryptographic Algorithm for Enhancing Data, ISBN- 978-81-972354-9-8, Ninetales Publishing
Mrs. Palak Bharil	Generational Diversity in Mentorship, ISBN-978-93-92268-69-4, 2024, Wizcraft Publication & Distribution
Mrs.Sharadha Soni	PREDICTION OF CARDIOVASCULAR DISEASES USING DATA MINING TECHNIQUES, Book Titled: - Capturing Artificial Intelligence in Present Scenario, ISBN- 978-81-19492-71-8, Mahi Publication, 2024
	Internet of Things in Healthcare to face Covid-19 Pandemic, ISBN- 978-81-972354-9-8, Ninetales Publishing
Ms. Arifa Anjum	A REVIEW OF MACHINE LEARNING TECHNIQUES FOR PREDICTION OF BREAST CANCER, Book Titled: - Capturing Artificial Intelligence in Present Scenario, ISBN- 978-81-19492-71-8, Mahi Publication, 2024
	Analysis of Breast Cancer Detection using Different Machine Learning Techniques, ISBN- 978-81-972354-9-8, Ninetales Publishing
Mr. Jitendra Jain	Enhancing Teaching and Learning: Harnessing the Power of ICT for Effective Education, Book Titled: - Synchronization of NAAC and NEP-2020, ISBN: 978-81-961703-1-8, 2024
Ms. Anali Jagwani	Conversational AI Chatbots in Education- A Review, ISBN- 978-81-972354-9-8, Nine tales Publishing



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Kajal Mahawar	Enhancing Teaching Learning process through Educational Data Mining Clustering method by applying K- means algorithm
	Unveiling the dynamics of artificial intelligence: A comprehensive analysis of current trends, challenges, and impact on society", ISBN- 978-81-19492-71-8, Mahi Publication, 2024

12. Edited Books

Author Name	Book Titled
Mrs. Sukhvinder Kaur Walia (Editor)	Digital Awareness and Cyber Security, ISBN: 978-93-92079-79-5
(Co- Authors) 1. Mrs. Saroj Junghare 2. Mrs. Shradha Soni 3. Mr. Amit Kumar Yadav 4. Mr. Swapnil Justin 5. Mrs. Kajal Mahawar 6. Mrs. Palak Bharil	

13. Self-Authored Book

Author Name	Book Titled
Mrs. Khushbu Gupta	Blockchain Technology Concept and Applications, ISBN: 978-93-6132-207-5, 2024, Published By: - Scientific International.
Ms. Mala Das	Programing in C, ISBN No. 978-93-5980-045-5, 2023, Yash Printers and Packers, Jabalpur (M.P.)

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

Name of the Teacher	Date of Applied/Sanctioned	Topic	Revenue generated
Ms. Arifa Anjum	26/07/2023	AI Enabled Image Processing System for Medical Diagnostics	NII
Mr. Amit Kumar Yadav	26/07/2023	AI Enabled Image Processing System for Medical Diagnostics	NII
Mr. Swapnil Justin	26/07/2023	AI Enabled Image Processing System for Medical Diagnostics	NII
Ms.Kajal Mahawar	21/02/20	Bio sensors Equipped lung cancer detecting Device	NII

15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated
1	Mrs. Sukhvinder Kaur Walia	Diploma in Computer Application	1,75,000/-
2	Mrs. Khushbu Gupta	Internship Training Program with Home Science College, Jabalpur	17,500/-
3	Ms. Mala Das	DOEACC	1,20,000/-



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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.	Mrs. Sukhvinder kaur Walia	Expert Lecture on "The fundamental Aspects of C Programming organized by Gyan Ganga College, Jabalpur on 26 th December, 2023 at seminar Hall, 2 nd Floor GGCE
2.	Mrs. Sukhvinder Kaur Walia	Invited as a guest speaker and delivered a speech on the title "Application of Artificial Intelligence" organized by Shri Kumarswami Mahavidyalya, Ausa, Latur,MS India on 24 th March, 2024.

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	5	
Workshop/FDP/Training Programme	FDP -11 Training Program- 8 Workshop- 1	1
Paper presentation	7	

18. Teachers participate in various academic activities as members of committees at the university level, state level, national level, and international level bodies. (other than BoS)

S. No.	Name of the Faculty	Members of committees
1.	Siby Samuel	Conducted Academic and Administrative Audit on 19 th January, 2024 at Govt. Geetanjali Girls College, Bhopal (Autonomous) .

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
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		



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Co-curricular:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies
1	Kritika Bichpuriya BCA IV	Secured 2 nd Position as an archer	19 th Junior State Archery Championship
		Participated in 42 nd NTPC Senior Recurve	Archery Association of India
.2.	Falguni Ghansela	Secured 2 nd Position	Zonal Level Youth Festival

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.	Two days' workshop on "Digital Marketing and Social Media Analysis"	Self	140	State	6 th and 7 th October, 2023
2	Workshop on Basics of IOT	Self	30	Nil	12 th February, 2024

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	BCA I and II Sem	63	60	2	1	97%
2	B. Sc (CS)I and II Sem	54	44	6	4	90%
3	B. Com (CA)I and II Sem	272	261	9	2	91%
4	BA I and II Sem	46	43	2	1	97%
TOTAL----->		483	465	37	18	96%

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BCA	60	55	3	02	95%
2	B.Sc (CS)	45	40	3	2	95%
4	B. Com	252	247	4	1	96%
5	BA	35	32	2	1	97%
TOTAL----->						97%

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BCA	55	50	4	1	96%



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2	BCom (As elective)	174	159	14	1	92%
3	B.Sc(CS)	68	68	Nil	Nil	100%
4	BA	15	15	Nil	Nil	100%
TOTAL----->						98%

UG Third year

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Computer Science	15	15	1	Nil	100%

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Computer Science	15	14	Nil	Nil	99%

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Computer Science	18	18	Nil	Nil	100%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Computer Science	20	20	Nil	Nil	100%

25. Strategic Plan and its implementation (2023-24):

Proposed Activity	Proposed Date	Teacher Incharge	Meets with criteria
Bridge classes	18 th july to 28 th July	All subject teachers	Criteria II and V
Board of study meeting	28 th july 2023	Mr. J. Rajeshwar Rao	Criteria I
Guest Lecture on Cyber Security and Awareness	20 th January, 2024	Mrs. Khushbu Gupta	Employability skills (criteria I)
Two days' workshop on digital Marketing and Social Media Analysis	6 th and 7 th October, 2023	Ms. Arifa Anjum	Employability skills (criteria I)
Guest Lecture on Research Methodology	19 th August 2023	Mrs. Khushbu Gupta	Skill enhancement
Diploma in Computer Application	19 th August, 2023	Mr. Amit Kumar Yadav	Criteria I
NIELIT ' O' Level	11 th September , 2023	Ms. Mala Das	Criteria I



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 1;20
2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
Assistant Professor	16	16

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

Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
Mrs. Siby Samuel	Assistant Professor	MCA, MPhil, Ph.D	21	Permanent
Mrs.SukvinderWalia	Assistant Professor	M.Sc, M.Phil	20	Permanent
Mrs.Khushbu Gupta	Assistant Professor	M.Phil	16	Permanent
Mr.J. Rajeshwar Rao	Assistant Professor	MCA	14	Permanent
Mr.Amit Kumar Yadav	Assistant Professor	MCA,M.Tech.	14	Permanent
Ms.Mala Das	Assistant Professor	M.Sc,M.Phil	14	Permanent
Mrs.ShradhaSoni	Assistant Professor	MCA, UGC-Net	13	Permanent
Mrs.SarojJunghare	Assistant Professor	MSc (CS), M.Phil (CS)	12	Permanent
Mr.Prakash Lange	Assistant Professor	M.Sc(CS)	11	Permanent
Ms.ArifaAnjum	Assistant Professor	M.Sc(CS)	10	Permanent
Mr.Swapnil Justin	Assistant Professor	M.Phil,M.Sc(CS)	9	Permanent
Mr.Jitendra Jain	Assistant Professor	M.Sc(CS)	5	Permanent
Ms.Kajal Mahawar	Assistant Professor	M.Sc(CS)	2	Permanent
Mr.Prateek Bhatia	Assistant Professor	MCA	1	Permanent
Mrs.Palak Bharil	Assistant Professor	M.Sc (CS)	1	Permanent

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
Mrs. Siby Samuel (RDVV)	Mrs. Shradha Soni (Sagar University)	Mrs. Saroj Junghare (University of Mumbai)	
Mrs. Sukhvinder Kaur Walia (RDVV)	Mr. Amit Kumar Yadav (RGPV Bhopal)	Mr. J. Rajeshwar Rao	
Mrs. Khushbu Gupta (RDVV)			
Ms. Mala Das (RDVV)	Mr. Prateek Bhatia (RGPV Bhopal)		



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Mr. Prakash Kumar Lange (RDVV)	Mrs. Palalk Bharil (Barkatullah University, Bhopal)		
Ms. Arifa Anjum (RDVV)			
Mr. Swapnil Justin (RDVV)			
Ms. Anjali Jagwani (RDVV)			
Mrs Kajal Mahawar (RDVV)			
Mr. Jiterendra Jain (RDVV)			

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

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
BCA I Sem	93	63	65	42	21	63
B.Sc I Sem	30	25	250	9	16	25
B.Com I Sem	300	294	350	110	188	294
M.Sc (CS) I Sem	23	15	50	51	10	15

6. 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		62	1	Nil
B.Sc (CS) I Year		300	22	Nil
M.Sc (CS) I Year	10	14	1	

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

- Central Library Books and Journals, etc., relevant to Department-
Books:- 5784
Journal-4
E-Books:-23120
E-Journal-701
Magazine-3
- Online (books, journals etc.) Subscribed-04
- Plagiarism Software:- 01 (Drill bit)
- Computers and Internet facilities for staff -Laptop-07 with Wi-Fi facility, Camera, hand free, Bluetooth, Printer
- Total number of classrooms 6
- Classrooms with ICT facility 6
- Students' laboratory -04
- Research laboratories -01
- Any other facility -: Electronic Podium, Touchpad, Projector



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8. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
10000000/-	3,00,000/-	2,00,000/-	5,00,000/-

9. Laboratory Facilities

Items Procured- 2023-24

S. No	Name of Item	Configuration	Quantity
1	Computer		100

26. SWOC Analysis:

1. Strength

- Undergraduate and graduate programmes that meet market demands.
- Faculties engaged in institutional automation initiatives.
- Faulty commitment to quality, positive moral, commitment to seek opportunities
- Adequate infrastructure

27. Weakness

- Involving under post graduate students in research.
- Lack of collaborative research/projects among the faculty members.
- Sponsored/non-sponsored research projects
- Research infrastructure

26. Opportunities

- Starting new courses B.Sc. (AI)

27. Challenges

- Lack of IT industries in local area for providing industrial exposure.
- International collaboration
- NRI students attraction
- Contribute to rural development.

28. Future Plan:

- Research Center
- International conference on "Recent trends in Data Mining"
- National Workshop on "IoT and Machine Learning".



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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

Name S. K. Walia

HEAD
Dept. of Computer Science
St. Aloysius College (Auto)
JABALPUR

Date:



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ACADEMIC AUDIT

1. Name of the Department: Economics
2. Year of establishment: 1951
3. Curricular Aspects: UG/PG

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

Program	Semester / year		Electives
	Semester	Paper	Paper
MA Economics	BA I & II Sem.	II Major/Minor/Electives	1. Micro Economics 2. Indian Economy
	BA III & IV Sem.	II Major/Minor/Electives	1. Macro Economics 2. Money Banking and Public Finance
	BA III Year	Major	1. Economics of Growth and Development 2. Statistics
		Minor/Elective	Gender Economics
	All Streams (III & IV Sem./ III Year)	Vocational Course	Export Import Management
		III Sem. (Core Elective) 1. Agricultural Economics 2. Rural Development	(Open Elective) 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)



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	M. A.	IV Sem. (Core Elective) 1. Financial Institutions and Markets 2. Labour Economics	(Open Elective) 1. Economics of Gender and Development (Dept. of Economics) 2. International Marketing (Dept. of Commerce) 3. Human Rights (Dept. of Political Science) 4. Trends and Techniques of Effective Communication (Dept. of English) 5. Accounting and Financial Management (Dept. of Computer Science)
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b. Course having focus on employability / entrepreneurship / skill development

Program	Year /sem	Course	Activity
BA	III Year (Major)	Economics of Growth and Development/ Statistics	Field work/Internship/Project Work
BA/BBA/B.Sc., B.Com.	(III & IV Sem./III Year)	Vocational Course on "Export Import Management"	Field Work/Project Work
MA	II Semester	Statistical Inferences and Research Methodology	Project Work
MA	IV Semester	Rural Development	Project Work/Internship

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

1. Feedback report:Students:

- It was discussed with the students and they were asked to suggest some topics of recent importance which increases employability.

Alumni:

- The alumni suggested including some skill enhancement topics.

Parents & Employers:

- They advised to include some topics of ethics and values.

2. Action Taken report:Students:

- Their suggestions were taken into consideration and some new topics of recent importance were added in the syllabus.

Alumni:

- Considering their suggestions some more skill development topics were included.



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Parents & employers:

- Incorporated changes in the curriculum at the Board of studies. Included various topics related to ethics environmental and gender issues.

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
Arts/ Science	BA/BSC I Sem.	Economics Paper I (Major/Minor/Electives)	Dr. Reeta Chouhan	123
PG	MA I Sem.	Quantitative Techniques	Ms. Deeksha Jain	21

Remedial Course

Program	Year / Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
Arts/ Science	BA/BSc. I & II Sem.	(Major/Minor/Elective)	Economics	Dr. Reeta Chouhan	31
	BA/BSc.III & IV Sem.	(Major/Minor/Elective)	Economics	Dr. Anthonima K. Robin	29
	BA/BSC III Yr.		Economics	Mrs. Shruchi Saxena	17
				Ms. Deeksha Jain	17
			Dr. Renu Markande	25	

f. List the methods for conducting Internal evaluation?

1. Writing and Publication of Research Paper
2. Research Paper presentation on National Seminar
3. Case Study
4. Class Seminars
5. Tutorials,
6. Micro Teaching
7. Class Tests,
8. Power Point Presentation on current economic issues,
9. Poster Presentations,
10. Role Play
11. Publication of News Letter
12. Group Discussion etc.

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 Advertisement and Sales promotion	Mr. Suresh Asawa, Director, S.S. Advertising Pvt. Ltd.	16 th September 2023	87



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	Mr. Elbert Ambrose (Alumni of St. Aloysius' College), Director, Ambrose Satellite Services and Mr. Aryan Verma, Assistant Manager, Ambrose Satellite Services.	7 th October 2023	87
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h. Teaching and learning reforms:

The department considered the diversity of students and 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 and also taken remedial classes for weak students.

i. Internal Assessment reforms:

Editorial and Research Paper Review, Writing and Publication of Research Paper Case Study, Class tests, Assignments, Project Work, Field Work, Internship, Community Services, Tutorial, Annual Budget Discussion.

j. Best practices in Teaching and learning:

- Active Learning
- Pair & Share Method
- Panel Discussion
- Use of Educational Videos

k. Details of Value-added courses:

S.no	Name of the course	Frequency	No. of students admitted	No. of students completed successfully
1	Advertisement and Sales Promotion	Every Year	87	87

l. Details of Functional MoUs'

S. No	Name of the Institution	Activities organized	No. of students participated
1	Kadam Institute, Jabalpur	Plantation in College Campus	15

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

Number of Teachers	Sanctioned	Filled
06	06	06



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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. Reeta 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	1. Member of Board of Studies, Department of Post Graduate and Research in Economics, Mahakaushal College of Arts and Commerce, Jabalpur, M.P. 2. Member of Board of Studies in Maharishi University 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./BSc/B.Com./ BBA	1. S.S. Advertising Pvt. Ltd. 2. Kadam Institute	Project Work/Internship/Field Work

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

Programme	Examination System
UG (BA I to IV Sem.)/ BA III Year	Semester / Annual
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 Principal Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
	NIL				

9. Research Publications

Name of Teacher	Details of Papers published in peer reviewed journals (UGC / Scopus)
Mrs. Shruchi Saxena	"Micro Small and Medium Industries (MSME) in India: A Road to prosperity" NIU International Journal of Human Rights, Rights ISSN: 2394 – 0298 Volume 10 (III), July 2023.

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				



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11. Chapter in Books

Author Name	Name of Book	ISBN
Dr. Reeta Chouhan	“National Education Policy: A Tool to Enhance Skills and Employability” in “National Education Policy 2020: Reshaping the Future, (Edited by Dr. Fr. Valan Arasu, Dr. Tuhina Johri and Dr. Vishwas Patel, ISBN: 978-93-5829-924-3, Blue Hill Publication, Patna Bihar, 2023.	ISBN: 978-93-5829-924-3
Dr. Anthonima Robin	“Ancient Indi a's Education System and Its Influence on Nep-2020” in “National Education Policy 2020: Reshaping the Future, (Edited by Dr. Fr. Valan Arasu, Dr. Tuhina Johri and Dr. Vishwas Patel, ISBN: 978-93-5829-924-3, Blue Hill Publication, Patna Bihar, 2023.	ISBN: 978-93-5829-924-3
Dr. Renu Markande	“Skill Development and Role of Vocational Training Future for The Future Growth of College Students” in “National Education Policy 2020: Reshaping the Future, (Edited by Dr. Fr. Valan Arasu, Dr. Tuhina Johri and Dr. Vishwas Patel, ISBN: 978-93-5829-924-3, Blue Hill Publication, Patna Bihar, 2023.	ISBN: 978-93-5829-924-3
Ms. Deeksha Jain	“Nep 2020: Towards a More Holistic and Multidisciplinary Education System”, in “National Education Policy 2020: Reshaping the Future, (Edited by Dr. Fr. Valan Arasu, Dr. Tuhina Johri and Dr. Vishwas Patel, ISBN: 978-93-5829-924-3, Blue Hill Publication, Patna Bihar, 2023.	ISBN: 978-93-5829-924-3

12. Edited Books

Author Name	Name of Book	ISBN
Dr. Fr. J. G. Vazhan Arasu	“National Education Policy 2020: Reshaping the Future”,	ISBN: 978-93-5829-924-3

13. Self-Authored Book

Author Name	Name of Book	ISBN
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
	NIL		



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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	Details of the 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		
Seminar/Conference	<ol style="list-style-type: none">1. Attended National Seminar On "Prospects of India Towards Economic Integrity of G20: Visualisation of "Vasudhaiva Kutumbakam" sponsored by ICSSR, New Delhi, organized by Department of Economics, St. Aloysius College (Autonomous), Jabalpur on 21st & 22nd July, 2023.2. One Day National Webinar on "Interrelation between Economic Development and Environment" on 29th August 2023. It is organized by Department of Economics S.S.L.N.Govt. Penchvalley P.G. College Parasia District-Chhindwara (M.P.)3. Attended National Seminar on "Education For Sustainability: Navigating The Changing Landscape of Higher Education" sponsored by ICSSR, New Delhi, organized by Department of Education, St. Aloysius College (Autonomous), Jabalpur on 1 - 2 March, 2024.4. One Day National Webinar on "Economic Development and Environment " Dated-24 August 2023, Organized by Department of Commerce in association with IQAC, Govt. Girls' P.G. College, Ratlam (M.P.)	
Workshop/FDP/Training Programme	<ol style="list-style-type: none">1. Attended Five Days International Faculty Development Programme on "Soft Skills for Capacity Building" organized by Joseph's Academy of Soft Skills (JASS), St. Joseph's College (Autonomous), Tiruchirappalli, Tamil Nadu, India from 25.9.2023 to 29.9.2023.2. Attended Malviya Mission Teacher Training Program Organized by UGC- Malviya Mission Teacher Training Centre, Banaras Hindu University, Varanasi 221005 (U.P.) from January 16th to 25th 2024.	
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. (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. Reeta Chouhan	1. Member of MPEA

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
Dr. Fr. J. G. Vazhan Arasu	For Contribution in Teaching	Dada Rohani Seva Samiti, Jabalpur
Dr. Reeta Chouhan		
Dr. Anthonima Robin		
Dr. Renu markande		
Ms. Deeksha Jain		
Mrs. Shruchi Saxena		

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.	Karishma Bhateja	1. First in Youth Unite: Debate Competition 2. Speech Competition	1. Entrepreneurship Development Cell 2. Department of Economics
2	Isha Guta	First in Poster Making Competition	St. Aloysius College, Jabalpur
3	Sonali Mishra	Third in Design dive (Digital) Competition	Department of English and Literacy Club
4	Anshika Abidra	Second in Art floor (Rangoli)	Department of English and Literacy Club
5	Kushgreedeeep	First in Speech Competition	Department of Economics



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		Second in Speech Competition First in All Talks	Hindi Sahitya Sabha Department of Management
6	Shrikant	First in Reel Making Competition	Red Ribbon Club

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 "Prospectus of India towards Economic Integrity: Visulaization of Vasudhaiva Kutumbakam"	ICSSR	112	National Seminar	21 st - 22 nd July 2023

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

24. Subject-wise Results

UG I & II Sem.

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Economics	139	135	-	04	97.12%
TOTAL----->						

UG III & IV Sem.

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Economics	107	106	-	01	99.00%
TOTAL----->						

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Economics	113	113	-	-	100%
TOTAL----->						

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Economics	30	30	-	-	100%



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PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Economics	28	27		01	96.42%

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Economics	20	20	-	-	100%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Economics	19	19			100%

25. Strategic Plan and its implementation (2022-23):

Date	Activities
July, 2023	National Seminar on "Prospects of India Towards Economic Integrity of G20: Visualisation of "Vasudhaiva Kutumbakam" 21st-22nd July, 2023
	Bridge Class
	Students Academic Diagnostic Test
A	Environmental Awareness Programme with Kadam Insitution
	MOU with Event Management
	Project prepration
	Guest Lecture
September, 2023	Add on Course "Advertisement And Sales Promotion"
	Research paper Review by PG students
October, 2023	Field Survey & Case Study
	Internship program
November, 2023	Presentation on Noble Prize in Economic Sciences
	Quiz Competition
December, 2023	Publication of Departmental News Letter
	Economics Awareness Program
	Joy of giving week celebration
January, 2024	Swami Vivekananda Jayanti celebration
	Industrial Visits
	BOS Meeting B
	Guest Lecture
	Competitive Exam Class by Gautam Academy
	Discussion on Economics Survey



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February, 2024	Annual Budget Analysis
March, 2024	Workshop on SPSS and Research Methodology
	Feedback on syllabus
End of the Session	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

Opportunities:

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

Challenges:

- Research Guides
- Students Strength in Major

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: 1:30
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
Rev. Dr. G. Vazhan Arasu	Principal	M.A., MBA, M. Phil., B. Th., Ph.D	23 Years	Principal
Dr Reeta Chouhan	Head, Department of Economics	M.A., B.Ed., M.Phil., Ph.D	20 Years	Assistant Professor
Dr. Anthonima K. Robin	Assistant Professor (Department of Economics)	M.A., M.Phil., Ph.D	17 Years	Assistant Professor
Dr. Renu Markande	Assistant Professor (Department of Economics)	M.A., M.Ed., NET, Ph.D	17 Years	Assistant Professor
Ms. Deeksha Jain	Assistant Professor (Department of Economics)	M.A., NET,	02 Years	Assistant Professor
Mrs. Shruchi Saxena	Assistant Professor (Department of Economics)	M.Com, M.A., M.Phil., NET,	06 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	01	NA	NA

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

Post	Sanctioned	Filled	Actual
NA	NA	NA	NA

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	342	281	281	136	145	281
PG	35	34	34	15	19	34

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	267/281=95.01	0	14/281=4.99	0
PG	30/34=88.2	0	4/34=11.8	0

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

Programme	% proceeded for higher studies	% of students placed
P. G	30	45

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

- Central Library Books and Journals, etc., relevant to Department: Reference Book 20 (14759/-)
- Online (books, journals etc.) E Books 25560 E Journal-1470
- Computers and Internet facilities for staff-03
- Total number of class rooms -07
- Class rooms with ICT facility -07
- Students' laboratory -NA
- Research laboratories -01
- Any other facility - SPSS

10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
15,500/-	Reference Books-20 Cost-14759/-	Miscellaneous1-500/-	15,259/-
9500/-	Anti-Virus 3 Cost 1350/-	BOS Expenditure Cost -8000/-	9350/-

11. Laboratory Facilities

Items Procured- 2022-23-NIL

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

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 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, IV - Semester, III Year	Hindi Literature, Functional Hindi
BA/BBA/BCA/B.Sc/B.Com	III - Semester	Vocational Course- Karyalaya Prakriya Aur Vyavhar
BA/BBA/BCA/B.Sc/B.Com	IV - Semester, III Year	Vocational Course- Karyalaya Prakriyaen Evam Prathayen
BA/BBA/BCA/B.Sc/B.Com/ MA/MSc/MCom	I,II, III, IV - Semester,III Year	Certificate Course – Sambhashan Kala

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

Program	Year /sem	Course	Activity
B.A.	I,II, III, IV - Semester, III Year	Hindi Literature (employability / entrepreneurship)	<ul style="list-style-type: none"> ➤ Reporting ➤ Advertisements ➤ Translation ➤ Official Letters ➤ Entrepreneurship ➤ Interpreter ➤ Short Hand Writing ➤ Feature Writing Tele Drama
B.A.	I,II, III, IV - Semester, 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, IV - Semester, III Year	Certificate Course on Sambhashan Kala (skill development, employability)	<ul style="list-style-type: none"> ➤ Public address ➤ Public Relations ➤ Stage management ➤ News reading ➤ Communication



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			skills in business field ➤ Communication skills in administration ➤ Interview
All UG	I, II, III, IV- Semester, III Year (Hindi Literature, Functional Hindi)	Workshop on Computer work in Hindi (skill development)	Computer Knowledge in Hindi

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

1. Feedback report:

वभाग द्वारा शक्षकों का फीडबैक लया जाता है और इसका वश्लेषण करके शक्षकों के अध्यापन कार्य में आवश्यकतानुसार संशोधन कए जाते हैं। इस प्रकार शक्षकों की गुणवत्ता में वृद्धि होती है। पाठ्यक्रम पर भी वभाग द्वारा वदया र्थयों, शक्षकों, उदय मयों, भूतपूर्व छात्रों एवं अ भभावकों से फीडबैक लया जाता है।

2. Action Taken report:

वश्लेषण के उपरांत स्थानीय आवश्यकता तथा रोजगारपरकता आदि संदर्भों के अनुसार पाठ्यक्रम को परिमार्जित कर अध्ययनमंडल में प्रस्तुत कया जाता है। अध्ययनमंडल द्वारा स्वीकृति के उपरांत यह पाठ्यक्रम वदया र्थयों हेतु उपलब्ध करवाया जाता है। इस प्रकार पाठ्यक्रम को वदया र्थयों हेतु और अ धक उपयोगी एवं सामयिक बनाने का प्रयत्न कया जाता है।

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	FC- I	Bhasha aur Sanskruti	Dr. Ramendra Prasad Ojha	135
B.Com I, App Eco, Hons	FC- I	Bhasha aur Sanskruti	Dr. Ramendra Prasad Ojha	240
B.Com I, Tax, Comp.	FC- I	Bhasha aur Sanskruti	Dr. Ramendra Prasad Ojha	222
B.A. I	Hindi Literature- I	Hindi Kavya	Dr. Reena Thomas	24
B.A. I	Functional Hindi	Prayojanmulak Hindi : Karlayee Prayog	Dr. Reena Thomas	03



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Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
All UG (Non Hindi Speaking Students)	2023	F.C. I	Hindi Language	Dr. Reena Thomas	11

f. List the methods for conducting Internal evaluation?

- क्लास टेस्ट
- प्रश्न मंच
- गृह कार्य
- समूह चर्चा
- ट्यूटोरियल
- पावरप्वॉइंट प्रेजेंटेशन

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 Hindi Diwas	Prof. Shrikrishan Tiwari	14.09.2023	82
Guest Lecture on Vishwa Hindi Diwas	Prof. Smriti Shukla	10.01.2024	80
Guest Lecture on Ravidas Jayanti	1. Prof. Shrikrishan Tiwari 2. Dr. Vishwas Patel	23.02.2024	26
Workshop on Computer	Ms. Chachal Gautam	11.03.2024 – 16.03.2024	27

h. Teaching and learning reforms:

i. Internal Assessment reforms:

- Tutorial, Vritt Chitra

j. Best practices in Teaching and learning:

- Tutorial, Vritt Chitra

k. Details of Value-added courses:

S.no	Name of the course	Frequency	No. of students admitted	No. of students completed successfully
1.	Certificate Course on Sambhashan Kaushal	One in the year	11	11



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k. Details of Functional MoUs'

S.No	Name of the Institution	Activities organized	No. of students participated
1	Govt. Shyam Sunder Agrawal P.G. College, Sihora	Guest Lecture	82
2	Govt. Shyam Sunder Agrawal P.G. College, Sihora	Guest Lecture	26
3	Maa Ambey Computer Classes	Workshop	27

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	1. Chairman, BOS Hindi, St. Aloysius College (Autonomous), Jabalpur 2. Member, BOS Hindi, RDVV, Jabalpur Member of BOS in Govt. Science College, Jabalpur

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
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. I, II, III, IV Sem	Semester/ Choice Based Credit System
B.A. III Year	Annual

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	Details of Papers published in peer reviewed journals (UGC / Scopus)
Dr. Abhilasha Shukla	Jigyasha, Vol. 14, ISSN 0974-7648, Topic – Nagarjun ke Kavya mein Vyang ki



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Parakh, (UGC CARE LIST)

10. Number of publications - Nil

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

11. Chapter in Books - 04

Author Name	Name of Book	ISBN
Dr. Ramendra Prasad Ojha	➤ Aastha ke kavi Pradeep, Geeto ke Jaadugar Kavi Pradeep aur Neeraj, Page 117-122, Editor – Dr. Abhilasha Shukla, Edition – First (2024), Publisher – Sarva Bhasha Trust, New Dehli,	ISBN : 978-81-971642-2-4
Dr. Carolin Saini	➤ Smriti ke Pal, Page 131-132, Editors – Dr. Tanuja Choudhry, Dr. Mukul Singh, Edition – First (2024)	ISBN :978-819057627-7-4
Dr. Carolin Saini	➤ Vyaktitva Vikas ke Vividh Aayam,	ISBN : 978-81-942012-7-4
Dr. Reena Thomas	➤ Kavi Pradeep ki Rachnao mein Swatantrya Chetna, <i>Geeto ke Jaadugar Kavi Pradeep aur Neeraj</i> , Editor – Dr. Abhilasha Shukla, Edition – First (2024), Publisher – Sarva Bhasha Trust, New Dehli, ISBN : 978-81-971642-2-4	ISBN : 978-81-971642-2-4

12. Edited Books - 01

Author Name	Name of Book	ISBN
Dr. Abhilasha Shukla	<i>Geeto ke Jaadugar Kavi Pradeep aur Neeraj</i>	978-81-971642-2-4

13. Self-Authored Book- Nil

Author Name	Name of Book	ISBN

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: Nil

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



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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	Details of the Programme
1.	Dr. Ramendra Prasad Ojha	<ul style="list-style-type: none"> ➤ Key note Speaker in National Seminar on Rashtriya Shiksha Neeti Aur Bhartiya Bhashayen” organized by Dept. of Hindi, Rashtra Sant Tukdojee Maharaj Nagpur Vishvavidyalaya, Nagpur, held in 20th to 21st September 2023. ➤ Subject Expert in Workshop on “Karyalayeen Patrachar Lekhan aur Rojgar ki Sambhavnayen” organized by Dept. of Hindi, Govt. Mankuwar Bai Kala evam Vanijya Swashasi Mahila Mahavidalaya, Jabalpur, held in 12th to 13th Feb 2024.
2.	Dr. Carolin Saini	<ul style="list-style-type: none"> ➤ Subject Expert in Workshop on “Karyalayeen Patrachar Lekhan aur Rojgar ki Sambhavnayen” organized by Dept. of Hindi, Govt. Mankuwar Bai Kala evam Vanijya Swashasi Mahila Mahavidalaya, Jabalpur, held in 14th to 16th Feb 2024.
3.	Dr. Reena Thomas	<ul style="list-style-type: none"> ➤ Subject Expert in Workshop on “Karyalayeen Patrachar Lekhan aur Rojgar ki Sambhavnayen” organized by Dept. of Hindi, Govt. Mankuwar Bai Kala evam Vanijya Swashasi Mahila Mahavidalaya, Jabalpur, held in 12th to 13th Feb 2024. ➤ Guest lecture on Special Hindi Workshop, VFJ, Jabalpur, 06.09.2023

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	Seminar - 6	1
Workshop/FDP/Training Programme	4	1
Paper presentation	6	-

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) - Nil

S.No.	Name of the Faculty	Members of committees
1	Dr. Carolin Saini	Christian Writer Forum, Jabalpur, M.P.
2	Dr. Carolin Saini	Christian Jagruk Manch, Jabalpur, M.P.



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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
Dr. Reena Thomas	Editorial Board member	Dakshinapath patrika, ISSN: 2583-3367

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

Name of Faculty	Awards/Recognition received	Recognition Bodies
Dr. Reena Thomas	Paryavaran Prahari Samman, 30.07.23	Bharat Utthan Nyas, Kanpur, U.P.
Dr. Abhilasha Shukla	Best Programme Officer, 24.09.2024	RDVV, Jabalpur

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

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 Sem Hindi Literature	45	40	04	01	88.88
2	BA I Sem Functional Hindi	04	03	-	01	75%
3	BA II Sem Hindi Literature	44	42	02	-	95.45



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4	BA II Sem Functional Hindi	03	03	-	-	100%
5						
TOTAL----->		96	88	06	02	89.83

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BA III Sem Hindi Literature	26	26	-	-	100%
2	BA III Sem Functional Hindi	02	02	-	-	100%
3	BA IV Sem Hindi Literature	26	23	2	1	96.15%
4	BA IV Sem Functional Hindi	02	02			100%
TOTAL----->		28	28	-	-	100%

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BA III YEAR Hindi Literature	19	19	-	-	100%
2	BA III YEAR Functional Hindi	05	05	-	-	100%
TOTAL----->		24	24	-	-	100%

25. Strategic Plan and its implementation (2022-23):

- ब्रिज कक्षाएँ - पूर्ण
- कौशल विकास वदया र्थयो हेतु कार्यशाला- पूर्ण
- अति थ व्याख्यान- पूर्ण
- प्रमाण-पत्र पाठ्यक्रम- पूर्ण
- अहिंदीभाषी वदया र्थयो हेतु रेमे डयल कक्षाएँ- पूर्ण
- संत र वदास जयंती- पूर्ण

26. SWOC Analysis:

Strenght /ताकत

- 4 सदस्य Ph-D.
- 1 सदस्य NET + JRF
- 1 सदस्य SET+NET



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- 2 सदस्य पी.एच.डी. गाइड
- सारे वद्यार्थियों तक पहुँच
- 4 पुस्तकों का प्रकाशन
- 2 राष्ट्रीय संगोष्ठी
- प्रकाशन संख्या (Peer reviewed)- 03 + UGC CARE LIST – 05
- व भन्न दायित्वों का निर्वाह - परीक्षा संबंधी, पत्रिका संपादन, रिपोर्टिंग, मीडिया प्रबंधन, छात्र संघ, स्नेह सम्मेलन, सांस्कृतिक प्रभार, एल्यू मनाई, 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
- 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, रवदास जयंती का आयोजन
- अहिंदीभाषियों हेतु रेमे डयल कक्षाएँ, प्रमाण पत्र पाठ्यक्रम, कंप्यूटर पर वर्कशाप

2. Mid Term Plans (1-3 years)

- शोध परियोजनाएँ
- अंतर्महा वद्यालयीन साहित्यिक प्रतियोगिताओं का आयोजन



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(AUTONOMOUS), JABALPUR(M.P.)

Reaccredited 'A+' Grade by NAAC (CGPA 3.68/4.00)

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

- अंतर्राष्ट्रीय संगोष्ठी का आयोजन
 - पत्रकारिता पर डप्लोमा पाठ्यक्रम
 - सामाजिक जनसंचार माध्यमों का अध्यापन हेतु उपयोग
3. Long Term Plans (5 years and above)
- प्रतियोगी परीक्षाओं हेतु कक्षाओं का प्रतियो गताओं का आयोजन
 - शोध केन्द्र
 - शोध पत्रिका का प्रकाशन
 - वद्यालयी स्तर पर भाषक चेतना का विकास
 - अहिंदी भाषा-भाषयों के लए भाषा केन्द्र की स्थापना



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 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.	28	Confirmed
Dr. Carolin Saini	Assistant Professor	M.A.,M.Phil., Ph.D.	31	Confirmed
Dr. Reena Thomas	Assistant Professor	M.A.,SET, NET, M.Phil., Ph.D.	17	Confirmed
Dr. Abhilasha Shukla	Assistant Professor	M.A., Ph.D.	21	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:

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		9	30	4	5	6



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

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
B.A. (Hindi Literature)	78	-	-	-
B.A (Functional Hindi)	11	-	-	-

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

Programme	% proceeded for higher studies	% of students placed
B.A., Hindi Literature	32%	-
B.A., Functional Hindi	50%	-

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 - 01 (journal)
- Computers and Internet facilities for staff- One Desktop and two Laptop with Internet facilities
- Total number of class rooms - 52
- Class rooms with ICT facility - 52
- Students' laboratory - NA
- Research laboratories - NA
- Any other facility -NA

10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total

11. Laboratory Facilities

Items Procured- 2022-23

S. No	Name of Item	Configuration	Quantity



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

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 : RP Ojha



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

ACADEMIC AUDIT

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

2. Year of establishment: **1951**

3. Curricular Aspects:

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

Program	Semester / year	Electives
BA	BA I SEM&II SEM	Idea of Bharat, History of India From Earliest Time to1205AD
	BAIII SEM&IV SEM	History of Medieval India From 1206 to1739, History of Modern India1740 to 1947 AD
	BA Third Year	Group-A-Living Traditions in Ancient India, Paper-I History of Contemporary India 1947-2004, Paper-II Group -B-Main currents of world History 1453-1870, Paper-I Main currents of world History 1871-1950, Paper-II

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

Program	Year /Sem	Course	Activity
BA	Third year	BA	Field Project work/Internship/Community based service

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

1. Feedback report: Feedback report:

Students:

Faculty of the Department of History held field trips, presentations and project work related to experimental learning

Alumni:

- 1 Some alumni expressed interest in being involved in mentorship and internship programs for students
- 2 Stakeholders uniformly emphasize the importance of aligning the curriculum with practical skills and real-world applications.

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:02

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



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
BA	History of Ancient India	HISTORY	Dr. Manju Maria Solomon	60
BA	History of Medieval India	HISTORY	Dr. Adarsh Kumar Mishra	30

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
BA	BA I year	BA	HISTORY	Dr. Manju Maria Solomon	45
	BA II year	BA	HISTORY	Dr. Adarsh Kumar Mishra	42
	BA III Year	BA	HISTORY	Dr. Manju Maria Solomon	43

f. List the methods for conducting Internal evaluation?

- Unit Test
- Surprise test,
- Power Point Presentation,
- Quiz
- Assignments

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
NIL			

g. **Teaching and learning reforms:**

Students with short attendance and inadequate academic performance are counselled by faculty.

h. **Teaching and learning reforms:**

Students with short attendance and inadequate academic performance are counselled by faculty.

i. **Internal Assessment reforms:**

Discussions, Presentations, Quizzes, Assignments and Class test

j. **Best practices in Teaching and learning:**

Assignments and Class test, Peer mentorship is also encouraged to supplement teaching learning.

Details of Value-added courses:

S.no	Name of the course	Frequency	No. of students admitted	No. of students completed successfully
1	Indian History Chronology from Ancient India to Medieval India	1	37	37



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

k. Details of Functional MoUs'

S. No	Name of the Institution	Activities organized	No. of students participated
1	Aadhya NGO	Community Based Service	26

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

Number of Teachers	Sanctioned	Filled
1	1	1

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. Manju Maria Solomon	1. Member of Board of Studies, Department of Post Graduate and Research in History, RDVV, Jabalpur, M.P. 2. Member of Board of Studies, Department of Humanities BSSS, Bhopal

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
UG	Aadhya NGO	Community Based service

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

Programme	Examination System
BA	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	Details of Papers published in peer reviewed journals (UGC / Scopus)



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

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	ISBN
Dr. Manju Maria Solomon	National Education Policy 2020: Reshaping the Future"	ISBN- 978-93-5829-924- ,Page no.196-204,2023
Dr. Manju Maria Solomon	MENTORING THE MENTORS Moving Towards Enhanced Digitization	ISBN-978-93-92268-69-4

12. Edited Books

Author Name	Name of Book	ISBN

13. Self-Authored Book

Author Name	Name of Book	ISBN
NIL		

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	Details of the Programme
1	Dr. Manju Maria Solomon	1. Keynote Speaker, World record daily Webinar Series, organized by shri kumar swami Mahavidayla, Ausa ,Latur MS. India 2. Keynote Speaker, Seminar, Topic- Ancient Heritage and Tourism, date 19/9/2023 Rani Durgawati Museum ,Jabalpur



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

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	04	02
Workshop/FDP/Training Programme	1- Ugc- Malaviya Mission Teacher Training Program	

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. Manju Maria Solomon	Editorial Member (Edwin Group of Journal)

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. Manju Maria Solomon	Edwin Group of Journal	Editorial Member (Edwin Group of Journal)

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
1	Mahak Choudhary	Best paper award National Seminar	National Seminar organized by department of Education

Co-curricular:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies
1	Mahak Jaiswal	Silver medal- Junior championship Handball, Gold Medal- Senior National Due ball championship	
2	Amy Rai	Archery 1Gold Medal and 1 Silver Medal	Asia Cup 2023
3	Amit Kumar	Archery 1Gold Medal and 1 Silver medal	Khelo India University games 2023-24



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

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: NA

24. Subject-wise Results

UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	History	146	146	NIL	NIL	100%
2						
TOTAL----->						

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BA/History	149	148	Nil	Nil	100%
2						
TOTAL----->		149	148	Nil	Nil	100%

UG Third Semester

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1		178	178	NIL	NIL	100%
2						
TOTAL----->		178	178			100%

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT

25. Strategic Plan and its implementation (2022-23)

1. Gandhi Jayanti Celebrated
2. Excursion (Visit to Madan Mahal Fort)
3. Online Certificate course Conducted
4. Seminar for Students organized in collaboration with Museum -Ancient Heritage and Tourism,
5. National Conference -Attended and presented a paper

26. SWOC Analysis:

Strengths:

- Qualified & experienced staff.
- Rich library facility with internet.
- Personal counseling solving and skill development of students.
- Consistent increase in demand for History as a Special Subject.
- Quality contribution college administrative work

Weakness

- No Postgraduate Programme
- Lack of space to do research and other activities

Opportunities:

- History subject offers good opportunities to prepare for UPSC, MPSC & other competitive examination.
- An undergraduate degree in history is a valuable preparation for careers in a number of fields: law, foreign service, politics, journalism, public relations, teaching and historical research and writing.

Challenges:

- To increase students in the department of History
- Taking initiatives for doing research.
- To encourage the students for Competitive examination

27. Future Plan:

1. To start PG Course
2. Publication of text Book



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 1:30
2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
1	1	1

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

Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
Dr. Manju Maria Solomon	HOD	M.A., B.Ed., M.Phil., Ph.D.	19 years	Permanent
Dr. Adarsh Kumar Mishra	Asst. Prof.	MA, M.Ed. Ph.D.	03 years	Permanent

4. Diversity of Faculty

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

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	342	281	281	136	145	281

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



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Year 2023-24

8. Present details of departmental infrastructural & other facilities with regard to
- Central Library Books and Journals, etc., relevant to Department :4122
 - Online (books, journals etc.) **Subscribed -82**
 - Computers and Internet facilities for staff -1 Laptop
 - Total number of class rooms -03
 - Class rooms with ICT facility -03
 - Students' laboratory -NA
 - Research laboratories -Yes
 - Any other facility - Free Internet

9. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total

10. Laboratory Facilities

Items Procured- 2022-23

S. No	Name of Item	Configuration	Quantity



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

Declaration by the Head of the Department

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

Signature


HEAD
Dept. of History
St. Aloysius' College (Auto.)
Jabalpur (M. P.)

Date:

Name- Dr. Manju M Solomon



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

ACADEMIC AUDIT

1. **Name of the Department:** Zoology
2. **Year of establishment:** 1998
3. **Curricular Aspects:** UG/PG

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

Program	Semester / year	Electives
B.Sc	I and II Sem	<ul style="list-style-type: none">• Human Diseases• Bee Keeping
	III and IV Sem	<ul style="list-style-type: none">• Nutrition & Health• Wonders of Animal Diversity
M.Sc	I Sem	<ul style="list-style-type: none">• Wild life Conservation• Entomology
	II Sem	<ul style="list-style-type: none">• Applied Entomology• Environment & Biodiversity Conservation
	III Sem	<ul style="list-style-type: none">• Sericulture• Animal Biotechnology
	IV Sem	Pure and Applied fisheries

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

Program	Year /sem	Course	Activity
B.Sc.	II Sem	Vocational Course (Vermicomposting)	Preparation of organic compost with the help of earthworm (<i>Eisenia foetida</i>) in college campus.
	III Year	Aquaculture	Field visit for knowledge of different ponds and carp culture
	III Year	Wildlife (DSE Paper II)	A Visit to Kanha kisli national park for the knowledge of natural habitat of animals and bio-diversity of animals
MSc.	I Sem	Wild life Conservation	Wild life Week celebration
MSc	III Sem	Ecotoxicology	Dissertation work

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



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

Bridge courses

S. No.	Name of Course/Program	Feedback Report	Action Taken Report
1.	B.Sc. & MSc Zoology	The Institution website received structured online feedback from stakeholders, which was collected during April 2024, from the graduating students of 2023-24.	The analysis of exit feedback clearly shows that students are highly satisfied with the achievement of program outcomes, curriculum flexibility, teaching methods, self-study opportunities, skill development courses, design and problem-solving skills emphasis, teaching facilities, library resources, Internet access, and other services provided by the Institution. Therefore, no further action is necessary. III. The online student feedback analysis indicated that more than 85% of students are content with the program outcomes, course outcomes, quality of teaching and learning processes, laboratory facilities, industrial visits/field trips, student support services, and other offerings provided by the Institution.
2.		Some former students recommended the inclusion of a computer-based course focusing on soft skills in the curriculum.	The recommendations provided by various stakeholders were deliberated upon during the departmental meeting and the Board of Studies meeting. Consequently, it was agreed to incorporate a certificate course focusing on computer-based skills into the curricula.

Remedial Course

Program	Course	Subject	Teacher In-charge	Topic	No. of Students benefitted
UG	B.Sc I Sem	Zoology	Dr. Priyanka Sinha	Classification of phylum Porifera and coelenterata	47
	B.Sc I Sem	Zoology	Dr. Runa Paul	Classification of phylum Protozoa	40
	B.Sc I Sem	Zoology	Dr. Daya Shankar Gautam	Classification of phylum plathyhelminthes and Ascachelminthes	43
	B.Sc I Sem	Zoology	Dr. Manju Dixit	Classification of phylum Mollusca and Echinodermata	40
	B.Sc. I Sem	Zoology	Dr. Megha Tiwari	Classification of phylum Annelida and Arthropoda	41



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Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
UG	I sem	B.Sc.	Zoology	Dr. Runa Paul	25
	II sem	B Sc.	Zoology		35
	IV Sem	B.Sc.	Zoology	Dr. Megha Tiwari	25
	III year	BSc.	Zoology	Dr. Manju Dixit	21
	III year	BSc.	Zoology		20
	III year	BSc.	Zoology	Dr. Priyanka Sinha	15
	III year	BSc.	Zoology		06
	III year	BSc.	Zoology	Dr. Daya Shankar Gautam	36
	III year	BSc.	Zoology		26

- f. List the methods for conducting Internal evaluation?
Field Survey, MCQ, Paper presentation, Poster, PPT, Field project, seminar, written test, mock test Quiz, Chart model Scrap book Report on Industrial visit
- 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
International Webinar on the topic "Effect of climate change on lower marine organisms and their response to combat	Dr. Kesav Priyan Ramsamy, Senior Research Engineer Department of Ecology and Environmental Sciences Umeå University, Sweden	Saturday, 23rd September 2023.	61
Guest lecture on the topic "How to write an Interdisciplinary Research project " under E-yuva	Dr. Preeti Chandurkar, Assistant Professor and project Assitant, E-yuva Centre, Career college Bhopal	26 August 2023	112

Teaching and learning reforms:

h. Internal Assessment reforms:

Internal Evaluation Field Survey, MCQ, Paper presentation, Poster, PPT, Field project, seminar, written test, mock test Quiz Chart model Scrap book Report Industrial visit

i. Best practices in Teaching and learning:

Internal Evaluation, Field Survey, MCQ, Aquarium maintenance Chart model Scrap book Report of Excursion/lab Visits/Survey/Industrial visit.



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k. Details of Value-added courses:

S. no	Name of the course	Frequency	No. of students admitted	No. of students completed successfully
1.	Microtomy	Once in a Year	38	38
2.	Recent techniques Zoology	Once in a Year	15	15

l. Details of Functional MoUs'

S. No	Name of the Institution	Activities organized	No. of students participated
1	Pheonix poultry Farm, Jabalpur	Collection of Eggs and Breeding House Visit	22
2	Ideal Fertility Centre	Internship Program	16
3	Sophiya Girls College Ajmer	Online Quiz and poster competition	36

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	<ul style="list-style-type: none"> Member of Board of Studies of Zoology at Rani Durgawati Vishwavidyalaya, Jabalpur Member of Board of Studies of Zoology at Govt Science College Autonomous Jabalpur MP

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
MSc IV SEM	Tropical Forest Research Institute Jabalpur	Internship – Taxonomical Studies
B. Sc III Year	Center For Medical Mycology Fungal Disease Diagnostic and Research Center Jabalpur (M.P.)	Internship -Mycology



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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 II & IV Sem	Semester System/ Credit and Grading system
B.Sc III Year	Annual System
M.Sc I, II, III & IV Sem	Semester System/ Choice Based Credit System/ 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 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	Details of Papers published in peer reviewed journals (UGC / Scopus)
Dr. Priyanka Sinha	“Toxicity and repellency of Tegetes erecta, Syzium aromaticum, Musa sp. Against Mukht Shabd Journal ISSN 2347-3150
Dr. Runa Paul	The effect of aqueous leaf extract of Phyllanthus emblica on Biochemical parameters of catfish, Clarias batrachus. Advances in Bioresearch ISSN 2277-1573
Dr. Daya Shankar Gautam	An in vitro study of cytotoxicity of organophosphate insecticides (Imidacloprid, Profenofos, Dichlorvos) and natural products (Neem oil and Dashparni ark) on human peripheral lymphocytes by MTT and Trypan blue assay International Journal of Ayurvedic Medicine ISSN 0976-5921
Dr Manju Dixit	Study of Phytochemical and Antimicrobial Activity of Honey Against Pathogenic Bacteria E.Coli and Pseudomonas, International Journal for Multidisciplinary Research (IJFMR) Volume 5, Issue 4, July-August 2023E-ISSN: 2582-2160 Study of Antimicrobial Quality of Tobacco leaves extract (Nicotiana tabacum) on Aeromonas hydrophila and Escheria coli , ,BBRA , Web of Science journal

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
An in vitro study of cytotoxicity of organophosphate insecticides (Imidacloprid, Profenofos, Dichlorvos) and natural products	Web of Science			0.2



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(Neem oil and Dashparni ark) on human peripheral lymphocytes by MTT and Trypan blue assay (2023). <i>International Journal of Ayurvedic Medicine</i> , 14(3), 816–823. https://doi.org/10.47552/ijam.v14i3.3832				
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11. Chapter in Books

Author Name	Name of Book	ISBN
Dr.Priyanka Sinha	Role of green and laen technology in present scenerio	978-81-969338-0-7
Dr Priyanka Sinha	New Education Policy 2020: Reshaping the future	978-93-5829-924-3
Dr.Runa Paul	New Education Policy 2020: Reshaping the future	978-93-5829-924-3

12. Edited Books

Author Name	Name of Book	ISBN
Nil		

13. Self-Authored Book

Author Name	Name of Book	ISBN
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. Priyanka Sinha	I	24000/-

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	Details of the Programme
1	Dr. Priyanka Sinha	Rajbhasa me do divsaya karyashala vishya jaiivividhta aur sanrakshan organized by Zoological survey of India Jabalpur Region



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2	Dr. Runa Paul	Rajbhasa me do divsaya karyashala vishya jaiivvidhta aur sanrakshan organized by Zoological survey of India Jabalpur Region
3	Dr. Dayashankar Gautam	Rajbhasa me do divsaya karyashala vishya jaiivvidhta aur sanrakshan organized by Zoological survey of India Jabalpur Region

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	16	
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. Priyanka Sinha	Red Ribbon Club In charge MPSACS St. Aloysius College Jabalpur M.P. Life Member of AVIKA Research Laboratory
2	Dr. Runa Paul	Life Member of AVIKA Research Laboratory
3	Dr. Dayashankar Gautam	Life Member of AVIKA Research Laboratory

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. Runa Paul	Recognition	Journal of Pharmaceutical Research International
Dr. Daya Shanker Gautam	Recognition	Biosciences Biotechnology Research Asia, an international, open access, peer-reviewed research journal



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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
1	Ms. Madhumita Shoyam	Best Research paper presentation Award	Research and Development Cell St Aloysius college Jabalpur

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: NA

24. Subject-wise Results

UG First Sem

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Major Zoology	153	137	16		89.5%
TOTAL----->						

UG Second Sem

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Major Zoology	148	134	6	8	90.5%
TOTAL----->						



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UG Third Sem

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Major Zoology	66	63	03	-	95.45%
TOTAL----->						

UG Fourth Sem

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Major Zoology	64	63	1	-	98.43%
TOTAL----->						

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Major Zoology	20	20	0	0	100%
TOTAL----->						

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Zoology	28	20	08		71.42%

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
zoology	29	23	6	-	79.31%

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Zoology	22	22	Nil		100%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Zoology	22	22	Nil		100%



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25. Strategic Plan and its implementation (2023-24):

MONTHS	ACTIVITIES	Implementation
JULY 2023	Bridge Classes for B. Sc. I Semester	Conducted bridge classes on 20 th July to 30 th July
AUGUST 2023	Guest lecture on the topic "How to write an Interdisciplinary Research project" under E-yuva	Dr. Preeti Chandurkar, Assistant Professor and project Assistant, E-yuva Centre, Career college Bhopal 26 August 2023
SEPTEMBER 2023	Completion of 15 days "Certificate course in Microtomy"	14th September to 28th September. The total number of registered students was 35.
	Guest Lecture	Department of Zoology organised International Webinar on the topic "Effect of climate change on lower marine organisms and their response to combat". On Saturday, 23rd September 2023.
OCTOBER 2023	Wildlife Week Celebration 2023	Department of Zoology organised Zoo Carnival to celebrate Wildlife Awareness Week from 3rd to 7th October 2023, under which various competitions were conducted like Sketching, Photography, Organic Rangoli, Origami, T-Shirt Painting, Clay Modeling, Vlog Making, Quiz and Treasure Hunt. A total of 150 students participated.
DECEMBER 2023	Celebration of World AIDS Day	Department of Zoology in collaboration with Red Ribbon Club under the banner of MPSAC organized guest lecture on AIDS awareness – 'Prevention is better than cure' on the occasion of World AIDS day on 1st December 2023.
JANUARY 2024	One month certificate course on "Innovative Zoological Practices" for UG Students	In the month of January
	Commencement of Internship Project on Vermicomposting.	Vocational Course conducted
FEBRUARY 2024	Educational tour	Department of zoology was organized Educational tour in Kanha national park on 18



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		Feb with UG and PG students. The main objective of this visit is to give basic knowledge of biodiversity conservation and study different varieties of flora and fauna.
	Zoomania Under the banner of Srijan celebration of National Science Day	Department of zoology was celebrated science day on 27 feb 2024 .Different activity like Eassay writing ,Extempore and health camp organized under the theme indigenous technology for viksit Bharat . Total 40 students participate in various activities.
MARCH 2024	Release of Newsletter- "Zoohunt"	Month of April 2024
	certificate course	Department of Zoology organised 15 days certificate course on the topic Recent theme in zoology

26. SWOC Analysis:

Strength:

- Faculty members are actively involved in research activities, project work, presentation of papers in National, International conferences.
- Well-equipped Laboratory.
- Internet facility.
- Remedial classes for weak learners
- Good Interaction between faculty and students.
- guest lectures are arranged.
- Quality contribution college administrative work
- NEED BASED COURSES

Weakness:

- Research activity should be increased
- Difficulty in Tracking Alumini
- Placement

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



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- Strengthen Interdisciplinary Research Activities
- They can start small scale industries such as Poultry, Sericulture, Apiculture, Fisheries, Aquaculture

Challenges:

- Motivate the student for Research activity
- Creating awareness about Digital learning
- To cultivate research aptitude among UG, 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:

Short Term Plans (within 12 months)

1. Commencement of 01 month "Certificate course on Microtomy
2. Visit to Local Fish Farm to Aware Fish Farmer about Composite fish culture
3. Health Awareness Program for girls.
4. Commencement of Certificate course on "Innovative Zoological Practices"

Mid Term Plans (1-3 years)

1. Workshop on Lac culture
2. Educational tour for UG & PG Students
3. Proposal for Zoology research Centre

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. Virtual laboratory for understanding the system of animals.
4. Proposal for National Conference /Seminar
5. To submit proposals for minor and major projects to DBT, CSIR, UGC, ICMR etc.



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Administrative Report

1. Department-wise Student Teacher Ratio: 1:20
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. Priyanka Sinha	Head & Assistant Professor	M.Sc, Ph.D	13 Years	Confirmed
Dr. Runa Paul	Assistant Professor	M.Sc, Ph.D	21 Years	Confirmed
Dr. Daya Daya Shanksr Gautam	Assistant Professor	M.Sc, Ph.D	13 Years	Confirmed
Dr. Manju Dixit	Assistant Professor	M.Sc, Ph.D	18 Years	Confirmed
Dr Megha Tiwari	Assistant Professor	M.Sc, Ph.D	3 Years	Confirmed

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
Dr. Priyanka Sinha	RDVV	NA	NA
Dr. Runa Paul	RDVV		
Dr. Daya Shankar Gautam	RDVV		
Dr. Manju Dixit	RDVV		

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 Zoology	87	63		22	41	
PG Zoology	40	30		01	29	

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
MSc. Zoology	26		04	

8. 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) - 02
- Total number of classrooms- 4
- Classrooms with ICT facility - All The Classrooms Are With ICT Facility
- Students' laboratory- 2
- Research laboratories- 1

9. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
1,00000 Lakh	0	1,00000/-	1,00000/-

10. Laboratory Facilities

Items Procured- 2023-24

S. No	Name of Item	Configuration	Quantity
1	Human Skeleton	Anatomical Studies	1



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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
- Gradient PCR Thermo cycler
- Cooling Centrifuge
- BOD Incubator
- Colorimeter
- Visual Spectrophotometer
- Kymograph
- Microtome
- Automatic razor sharpener
- Incubator
- Digital pH meter (Systronics)
- Ecotestor & Conductivity meter
- Camera Lucida (Mirror type and Prism type)
- Turbidity meter
- Conductivity meter
- Distillation Apparatus
- Vortex Mixer
- Refractometer
- Water Bath
- Biochemical Analyser
- Homogenizer
- Bacteriological Colony Counter



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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 Zoology
St. Aloysius Autonomous College
JABALPUR (M. P.)

Date: 26/04/2024

Name Dr. Priyanka Sinha

Head



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

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	Semest	Electives
B.Sc.	I Semester	Algebra, Vector Analysis and Geometry
	II Semester	Calculus and Differential Equations
	III Semester	Abstract Algebra and Linear Algebra
	IV Semester	Advanced Calculus and Partial Differential Equations
	III Year	Fundamental of Boolean Algebra
M.Sc.	I	Paper V <ul style="list-style-type: none">• Functional Analysis I• Integral Transform
	II	Paper V <ul style="list-style-type: none">• Number Theory• Topology- II
	III	Paper IV <ul style="list-style-type: none">• Programming in C• Functional Analysis II
		Paper V <ul style="list-style-type: none">• Advanced Discrete Mathematics• Mathematical Statistics
	IV	Paper III <ul style="list-style-type: none">• Divergent Series• Programming in C++
		Paper IV <ul style="list-style-type: none">• Integration Theory• Fuzzy Sets & their Applications
		Paper V <ul style="list-style-type: none">• Mathematical Modeling• Wavelets



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

Program	Year /sem	Course	Activity
Post Graduate (Mathematical Sciences)	All Semester	Certificate Course Research Documentation through LATEX	Hands on Training, Provided Assignments on Writing a Research Paper/ Thesis/ Synopsis using LATEX coding
Under Graduate(Mathematical Sciences)+Post Graduate(Bio Sciences)	All Semester/Year	Certificate Course Basics of Mathematics for Computation	Hands on Training in calculating Logarithms/Antilogarithm Assignments on equation solving by different techniques.

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

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

1. Feedback report: YES

2. Action taken report:

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. 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.

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

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

YES

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
B.Sc I Semester	Algebra, Vector Analysis & Geometry	Mathematics	Dr. Archana Pasari	73
BBA I Semester	Business Mathematics	Mathematics	Dr. Akhilesh Pathak	170
BCA I Semester	Computational Mathematics	Mathematics	Dr. Preeti Nagar	18

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
	I	Algebra Vector Analysis and Geometry		Dr. Archana Pasari	12
	II	Calculus and Differential equation		Dr. Archana Pasari	15



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B.Sc.	III	Abstract Algebra and Linear Algebra	Mathematics	Dr. Satyendra Jain	12
	IV	Advanced Calculus		Dr. Satyendra Jain	12
	III Year	Fundamental of Boolean Algebra		Dr. Preeti Nagar	12
BBA	I	Business Mathematics		Dr. Akhilesh Pathak	16
BCA	I	Computational Mathematics		Dr. Preeti Nagar	08
M.Sc.	I	Advanced Abstract Algebra-I		Dr. Satyendra Jain	07
	I	Real Analysis -I		Dr. Akhilesh Pathak	05
	I	Topology -I		Dr. Mita Darbari	06
	I	Complex Analysis -I		Dr. Preeti Nagar	06
	I	Integral Transform		Dr. Preeti Nagar	06
	II	Advanced Abstract Algebra-II		Dr. Satyendra Jain	07
	II	Real Analysis -II		Dr. Akhilesh Pathak	05
	II	Number Theory		Dr. Mita Darbari	06
	II	Complex Analysis -II		Dr. Preeti Nagar	06
	II	Ordinary and Partial Differential Equations		Dr. Satyendra Jain	06
	III	Operation Research -I		Dr. Mandira Kar	07
	III	Special Function		Dr. Satyendra Jain	05
	III	Numerical Methods - I		Dr. Archana Pasari	04
	III	Programming in C		Ms. Arifa Anjum	06
	III	Advanced Discrete Mathematics		Dr. Mandira Kar	07
	IV	Operation Research -II		Dr. Mandira Kar	07
	IV	Numerical Methods - II		Dr. Archana Pasari	04
	IV	Programming in C++		Ms. Arifa Anjum	06
	IV	Fuzzy Sets and Their Applications		Dr. Preeti Nagar	05
	IV	Mathematical Modeling		Dr. Mandira Kar	07
BBA	II	Business Mathematics		Dr. Akhilesh Pathak	45
BCA	II	Computational Mathematics		Dr. Preeti Nagar	18



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e. List the methods for conducting Internal evaluation?

- Test
- Quiz
- Assignment
- PPT Presentation

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
Webinar on Recent Advances in Mathematics	Prof. D.S. Negi, Dr. Mandira Kar	21st Dec' 2023	145
Ganit Parv	Dr. G. R. K Sahu, Dr. Gopal Meena, Dr. Akhilesh Pathak	4 th Jan 2024	105
Guest Lecture	Mr. Maxin James	02 Feb 2023	125

g. Teaching and learning reforms: None

h. Internal Assessment reforms: Test after every unit completion

i. Best practices in Teaching and learning: Using different branches of Mathematics of Mathematics to model and derive solution to real life problems.

j. Details of Value added courses:

S.no	Name of the course	Frequency	No. of students admitted	No. of students completed successfully
1	Certificate Course Research Documentation Through LATEX	01	21	21
2	Certificate Course Basics of Mathematics	01	08	08



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k. Details of Functional MoUs'

S. No	Name of the Institution	Activities organized	No. of students participated
1	Patna Women's College, Patna	Webinar on "History and Recent Trends in Mathematics."	145

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. Mandira Kar	Board of Studies- Dept. of Mathematics, Govt. P.G. College, Chinndwara (Autonomous). Board of Studies- Dept. of Mathematics & Computer Science, Home Science College Jabalpur
Dr. Mita Darbari	Board of Studies- Atal Bihari Bajpai Hindi University, Bhopal
Dr. Archana Pasari	Board of Studies- Dept. of Mathematics & Computer Science, Home Science College Jabalpur

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
M.Sc.	Semester & Choice Based Credit System
B.Sc.	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
	NIL	-	-	-	-



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9. Research Publications

Name of Teacher	Details of Papers published in peer reviewed journals (UGC / Scopus)
Dr. Satyendra Jain	Titled "Results in b-Matric Spaces Endowed with the Graph and Application to Differential Equations" ,Published in J. Appl. Math. & Informatics Vol. 41(2023), No.4, pp-883-892.
Dr. Satyendra Jain	Titled "Best Proximity point and existence of the positive definite solution for matrix equations", Published in International Journal of Analysis and Applications 21, 64(2023).

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	3	-	-	0.39-0.98

11. Chapter in Books

Author Name	Name of Book	ISBN
Dr. Mandira Kar	Scientific Approach for Self-Reliant India pp. 36-39	(ISBN 978-93-91267-49-0)
	Scientific Approach for Self-Reliant India pp. 36-39	(ISBN 978-93-91267-49-0)
	National Education Policy: Reshaping the Future pp. 286-296	(ISBN 978-93-5829-924-3)

12. Edited Books

Author Name	Name of Book	ISBN
NIL		

13. Self-Authored Book

Author Name	Name of Book	ISBN
NIL		

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

Name of the Teacher	Date of pplied/Sanctioned	Topic	Revenue generated
-	NIL	-	-



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15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated
-	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	Details of the Programme
1	Dr. Akhilesh Pathak	Value Added Course on Mathematica Software organized by Govt. Model Science College, Jabalpur on dated from 07-17 Feb , 2024.

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	04	
Orientation	04	
Seminar/Conference	03	01
Workshop/FDP/Training Programme	04	
Paper presentation	09	

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- Akhil Bhartiya Darshan Parishad
		Life member- Madhya Pradesh Ganit Parishad



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

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	Reviewer and Assistant Editor	Global Research Journal on Mathematics and Science Education
	Hon. Editorial Board Member	Educational Consultant Journal of Engineering Technology & Management Science (ISSN: 2229-9254)
Dr. Mita Darbari	Reviewer	International Journal of Mathematical Research
		Journal of Advanced Mathematics
		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
Dr. Mandira Kar	Johannes Kepler International Distinguished Professor & Researcher Award 2023 in Mathematics	Institute of Higher Education & Research, Vijayawada, India on UN Public Service
Dr. Mandira Kar	Best Paper Award	St. Aloysius (Autonomous) College, JBP (M.P.) at the National Seminar on Education for Sustainability: Navigating the Changing Landscape of Higher Education

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:



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S.No	Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	State/National/ International	Dates
1	One week Induction Programm "Ganit Parv"	Madhya Pradesh Council of Science and Technology Bhopal, (MPCST), National Council of Science and Technology Communication (NCSTC), Department of Science and Technology (DST), GOI New Delhi.	105	State	16 th Dec – 21 st Dec. '2023 and 4 th Jan. 2024

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	B.Sc. I Semester Major Mathematics	32	29	03		90.62%
2	B.Sc. I Semester Minor Mathematics	31	26	05		83.87%
3	B.Sc. I Semester Elective Mathematics	10	6	04	-	60%
TOTAL----->		73	61	12		83.56%
1	B.Sc. II Semester Major Mathematics	32	22	07	03	68.75%
2	B.Sc. II Semester Minor Mathematics	31	23	08		74.19%
3	B.Sc. II Semester Elective Mathematics	10	3	6	1	30%
TOTAL----->		73	48	21	04	65%

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
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1	B.Sc. III Semester Major Mathematics	6	5	1		83%
2	B.Sc. III Semester Minor Mathematics	22	19	3		86.36%
3	B.Sc. III Semester Elective Mathematics	14	7	5		58%
TOTAL----->		42	32	8		80%
1	B.Sc. IV Semester Major Mathematics	6	5	1		83%
2	B.Sc. IV Semester Minor Mathematics	22	18	4		81.81%
3	B.Sc. IV Semester Elective Mathematics	14	7	5		58%
TOTAL----->		42	30	10		75%

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.Sc. Major Mathematics	13	15			100%
2	B.Sc. Minor Mathematics	58	59			100%
3	B.Sc. Elective Mathematics	07	07			100%
TOTAL----->		71	71			100%

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Mathematics	16	9	5	2	56.25%

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Mathematics	14	8	3	3	57.14%

PG Third semester



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Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Mathematics	9	9			100%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Mathematics	9	9			100%

25. Strategic Plan and its implementation (2023-24):

S.N.	Month	Activity
1	July 2023	Bridge Classes
2	September 2023	Certificate Course –I
3	November 2023	Remedial Classes I & III Sem
4	December 2023	Student Workshop (Presentation Case Study/Review)
5	December 2023	National Webinar
6	December 2023	National Mathematics Day
7	December 2023	Ganit Parv
8	January	Guest Lecture
9	February	Certificate Course – II
10	March	Remedial Classes II, IV and III Year

Implementation of Plan 2023-24

Bridge Class- From 25 July to 28 July 2023

Certificate Course- Research Documentation Through LaTeX

Certificate Course titled '**Research Documentation Through LaTeX**' was held from 16 Oct to 21 Nov '2023. Twenty-one postgraduate students benefitted.

Remedial Classes for odd semester: From 27 Nov to 30 Nov 2023.

Student Workshop

A workshop was held for students where they presented research articles and reviews on 20th Dec. '2023. 20 students participated. Their work was done under the guidance of Dr. Mandira Kar, Dr. Akhilesh Pathak, Dr. Archana Pasari & Dr. Satendra Jain. Several under graduate and post graduate students attended and benefitted from this workshop.



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National Webinar

Department of Mathematics of St. Aloysius College (Autonomous) Jabalpur and Patna Women's College (Autonomous) Patna organized a National Webinar on 21st Dec' 2023 on 'Recent Advances in Mathematics'. The day started with the inaugural session followed by a guest lecture by Prof. D.S. Negi, Hemvati Nandan Bahuguna Garhwal University followed with presentations by students of St. Aloysius College (Autonomous). Post lunch session began with a guest lecture by Dr. Mandira Kar Head, Department of Mathematics St. Aloysius College (Autonomous) Jabalpur on 'Interesting Mathematical Models in Real World Perspective' followed with student presentations by Patna Women's College Patna. Twenty-three students presented their work and were judged by the faculty of both institutions. The event ended with the Valedictory function wherein the winners of the 'Student Presentation' competition were declared. 145 participants faculty, teachers & professional benefitted from this National webinar

National Mathematics Day

The students & faculty of the Department of Mathematics St. Aloysius College (Autonomous) Jabalpur celebrated the National Mathematics Day with great zeal & enthusiasm. To mark the auspicious day a Documentary on the 'Life of Ramanujam' was shown on December 22nd 2023. 96 students were present for the show.

Ganit Parv

Birth anniversary of Mathematics legend Srinivasa Ramanujan was celebrated as Ganit Parv by Department of Mathematics, St. Aloysius Autonomous College, Jabalpur from 16th Dec – 21st Dec. '2023 and 4th Jan. 2024. The programme was sponsored by Madhya Pradesh Council of Science and Technology Bhopal, (MPCST), National Council of Science and Technology Communication (NCSTC), Department of Science and Technology (DST), GOI New Delhi.

It aimed to create logical and analytical thinking in young minds so that they can appreciate the magic and beauty of mathematics. Various activities were organized for the students in addition to screening a documentary on Ramanujan. December 16th 2023, the First Day of Ganit Parv started with the Mehndi competition in which 09 students participated followed by Rangoli competition with 07 participants. Topic was 'Geometrical Curves'. Judgement was done by Dr. Nisha Pandey and Dr. Poonam Pendke.



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For Rangoli the judges were Dr. Rishu Jain and Ms. Daspreet Kaur. Dr. Archana Pasari structured both the competitions.

On the Second Day, December 18th 2023 based on the theme 'India's Contribution to Mathematics' Speech and Poster competitions were held. Total 25 students took partook in both the competitions. The competitions were judged by Dr. Laxmi Kant Pandey and Dr. Pramod Chaitanya. Dr. Preeti Nagar organized the competitions.

Third Day, December 19th 2023 commenced at 10 am with Quiz competition on 'Concepts in Mathematics'. Postgraduate students- Ms. Nishia Vishwakarma, Ms. Priyanka Chourasia and Sakshi Tirkey conducted the event under the guidance of teacher in-charge Dr. Akhilesh Pathak. 17 students participated.

In continuation Student Power Point Presentation based on 'Advances in Mathematics' was systematized by Dr. Satendra Jain on the Fourth Day December 20th 2023 with 14 participants. Judgement was done by Dr. Mandira Kar, Dr. Akhilesh Pathak and Dr. Archana Pasari.

A Documentary on the 'Life of Ramanujam' was shown on December 22nd 2023 the Fifth Day. 96 students were present for the show.

Closing ceremony was held on January 4th 2024 steered by Dr. Mandira Kar and compere was Ms. Sanjana Yadav. Apart from students, faculty of other departments and alumni registered as participants in the technical sessions and were given a kit each. The programme included three technical sessions, chaired by Dr. Archana Pasari and rapporteur Dr. Satendra Jain, valedictory address by coordinator Dr. Mandira Kar and the prize distribution ceremony. The day started with expert talk by Dr. Gopal Meena, Associate Professor Jabalpur

Engineering College Jabalpur on 'Application of Mathematics' in various fields. Dr. G.R.K. Sahu, Assistant Professor Govt. Science College Jabalpur delivered a lecture on 'Careers in Mathematics' followed by Dr. Akhilesh Pathak, Assistant Professor St. Aloysius Autonomous College Jabalpur who spoke on 'Writing a Research Paper' Post the technical sessions 'Aloysian Mathematical Society 2022-2023' News Letter edited by the Department of Mathematics, was released by the dignitaries, faculty and



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student editors. Thereafter certificates and prizes were awarded to the first, second and third student of every event.

In her valedictory address Dr. Mandira Kar coordinator of the event expressed her views on the importance, skill development and research in mathematics in accordance with National Education Policy 2020. 105 students were the beneficiaries of the Ganit Parv as they were introduced to numerous aspects of the subject in an interesting way. The week-long Ganit Parv was a resounding success.

Guest Lecture

The Department of Mathematics organized a Guest Lecture on 02 Feb. '2024. Resource Person was Mr. Maxim James Alumni of batch and he gave an expert talk on 'How to Start a Company' More than 125 students attended the same.

Certificate Course- Mathematics for Computation

Interdisciplinary Certificate Course titled 'Basics of Mathematics for Computation' was held from 01 March to 05 April '2024. Eight students from different disciplines benefitted.

Remedial Classes II , IV and III Year: From 14 March to 12 April 2024.

26. SWOC Analysis:

Strength: Departmental Faculty 100% Ph.D. 3 out of 6 are Research Guides.

Weakness: Less publications in Scopus-indexed Journals and no Research Projects received by the Department since long.

Opportunities: Young qualified energetic faculty who can get Research project and publish in Scopus/Web of Science in near future

Threat: Faculty involved in too many extension activity bodies leading to less focus on Research.

27. Future Plan:

- More Research papers shall be published in peer reviewed/UGC/Scopus Journals.
- One Research Project shall be applied for in the next academic year.



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 1:20
2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
Associate Professor	02	02
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. Mandira Kar	Associate Professor	M.Sc., M.Phil., PhD	Teaching: 37 Research :16	Confirmed
Dr. Mita Darbari	Associate Professor	M.Sc., PhD	Teaching: 36 Research :18	
Dr. Akhilesh Pathak	Assistant Professor	M.Sc., B.Ed., PhD.	Teaching: 10 Research: 10	
Dr. Archana Pasari	Assistant Professor	M.Sc., B.Ed., PGDCA, PhD.	Teaching: 17 Research: 08	
Dr. Satyendra Jain	Assistant Professor	M.Sc., B.Ed., SLET, PhD.	Teaching: 09 Research: 06	
Dr. Priti Nagar	Assistant Professor	M.Sc., PhD	Teaching: 03 Research: 05	

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
06	-	-	-

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



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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.Sc Mathematics	95%	0%	5%	0%
B.Sc Mathematics	100%	0%	0%	0%

8. 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

i.DELNET

ii.INFLIBNET

iii.American Library

iv.NDLI

c) Computers and Internet Facilities for Staff : Yes

d) Total number of classrooms: 05

e) Classrooms with ICT facility: 05

f) Students Laboratory: NIL

g) Research laboratories: None

h) Any other facility Departmental Room

9. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
	20000	10000	30000

10. Laboratory Facilities

Items Procured- 2023-24

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



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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. Mandira Kar
H.O.D.
Deptt. of Maths
St. Aloysius (Auto) College
Jabalpur

Signature

Name Dr. Mandira Kar

Date:



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ACADEMIC AUDIT

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

2. **Year of establishment:** 2006

3. **Curricular Aspects:** UG

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

Program	Semester / year	Electives
BBA	BBA I & II Semester	<ul style="list-style-type: none">• IT for Managers• Micro Economics• Business Mathematics• Business Statistics• Financial Accounting
	BBA III & IV Semester	<ul style="list-style-type: none">• Organizational Behaviour• Financial Services & Financial Markets• Human Resource Management• Financial Management• Marketing Management
	BBA 3 rd Year Group A Management	Discipline Specific Elective- 1. DSE1- Human Resource Development 2. DSE 2 – Employee Relation & Compensation Management Generic Elective 1. Retail Management
	BBA 3 rd Year Group B Marketing	Discipline Specific Elective- 1. DSE1- Consumer Behaviour 2. DSE 2 – International Marketing Generic Elective 2. Functional Management

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

Program	Year /Sem	Course	Activity
Diploma	I Year (2 Semester)	Diploma in International Business	Case Studies Analysis and presentations, micro and major Projects and Surveys, Industrial Trips etc.
BBA	I Semester	Communication Skills	Skill Enhancement Programmes- Personality Development, Communication Skills, CV Preparation, Job Application, Corporate Etiquettes, Report writing,
	I Semester	Financial Accounting	Preparing preliminary Accounts, Preparing Accounts on Tally and clouds. Calculation of Net Profit and Financial Position of Business.
	II	Marketing Research	Market Analysis and Survey Conduction, Undertaking Market Research, Product Research,



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			and Customer Research. Customer Satisfaction Survey.
	III YEAR	Entrepreneurship Development	Projects on Start-up, Financing of Project. Government Schemes for Young Entrepreneur.
	III YEAR	Corporate Taxation	Filing of Returns, Calculation of Income Tax and Corporate Tax.
	III YEAR	Business Law	Formation of Company, Contract Act for formation of Company in JV's and partnership.

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

1. **Feedback report:** Yes,

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 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.

2. **Action Taken report :**

All the stakeholders of the department are involved for the overall growth and development of the students that, matches to the industry requirements. The course curriculum is revised according to the feedback of the stakeholders namely academicians, alumnus, corporates, parents and students. As stated above alumni's are major resources for our students placements, internships. projects skill enhancement, training and resources for guest lectures.

d. Number of teachers preparing & following Academic Teaching plan: 08

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

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
BBA	BBA I Semester	Financial Accounting	Dr. Shraddha Shrivastava	75
	BBA I Semester	Business Mathematics	Dr. Akhilesh Pathak	26
	BBA II Semester	Business Statistics	Dr. Chitranshi Verma	45

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
BBA	I Semester	BBA I Semester	Financial Accounting	Dr. Shraddha Shrivastava	102



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BBA	I Semester	BBA I Semester	Business Mathematics	Dr. Akhilesh Pathak	46
BBA	I Semester	BBA II Semester	Business Statistics	Dr. Chitranshi Verma	89

f. List the methods 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.

Giving edge to the students learning, project , community services, field projects and industrial trips with students reviews and learning are also taken as part of students assessments.

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
Workshop on “Capital Market Investor Awareness Program”	Mr. Amokh Gothoskar, Trainer Financial Capital Market, BSE	5 th August 2023	75
Special Lecture at Jabalpur Incubation Centre	Mr. Kumar Sparsh. Vice President, JIC, JBP	12th August 2023	28
Webinar On “Mastering Marketing Management”	Mr. Kusharga Joshi	19th August 2023	75
Seminar on “Financial Modeling “	Mr. Nikhil Nainani, CA, PIBM, Pune	9th September 2023	250
Webinar on “Sustainable development & Life Learning for Students”	Prof Dr. Zehra Altney, Chair of Societial Research & Development Centre, Head of Educational Science Department Near East University, North Cyprus, Niscosia	16th September 2023	115
Webinar on ‘Human Resource Management’	Anjali Ohja, HR Trainer from Dhister Academy	18th August 2023	60
Workshop on “D-Addiction from Drugs”	Mr. Mahent Solanki Dr. M K Sarkar Mr. Neeraj Rajak	10th Aug 2023	120



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Career Boot Camp	Mr. Harshit Harinkhede, Educational Consultant, ADDA 24	23rd September 2023	110
Workshop on "Comprehending & Analyzing Caselets"	Dr. Prashant Pareek, Professor, SBS, Business School, Ahmedabad	30th September 2023	120
Educational Trip	Mr. Saourabh Head Sales Manager, Decathlon , Pune	9th October to 13th October 2023	23
Skill Development & Personality Development Program for PG students	Mr. Harshit Harinkhede, Educational Consultant, ADDA 24 Mr. Vasu, CEO, OPTUS, Jabalpur Mrs. Muktha Dehgre, Wings Academy Mr. Kushagra Joshi, Marketing Consultant Dr. Pooja Kushwaha, Jaipuria Institute of Management, Indore Mr. Jagan preet, Educational Consultant, Deepika Classes	16th October to 21st October 2023	190
Skill enhancement Workshop	Dr. Prateek, SBS, Ahmedabad	6 th November	190
Workshop on "Advance Excel for Managers"	Dr. Kulvir Singh, Associate Professor, IMT, Nagpur	6th January 2024	80
Workshop on "Analytics- Ammunition for Mangers to drive Business"	Mr. Aman Junriani, Aluminus, IIM Rohtak	20th January 2024	107
Educational Trip	Reva Kripa Sugar Mill	3rd February 2024	150
Rural Immersion Program	Dr. Namrata Vasude Principal, XIDAS, Jabalpur	8th February to 26th February 2024	78



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h. Teaching and learning reforms:

With the NEP course curriculum having diversity in specialization from the 1st year, along with the introduction of more electives and vocational courses, larger scale reform in the BBA program has been attained providing flexibility, holistic and experiential learning, mobility and wider spectrum through course electives in other faculties.

i. Internal Assessment reforms:

B.B.A. as a professional degree, the curriculum includes several forms of internal assessment such as quarterly exams, PPT presentations, book reviews, group assignments, practical assignments, micro presentations on current trends, corporate concepts, and surveys, in addition to case studies, articles, and library assignments.

j. Best practices in Teaching and learning:

Collaborative Learning Towards Whole Person Learning: - This comprises of incorporating classroom instructions with practical exposure helping us to cater, students diverse learning capacities. Flip the class, tutorials (use of advance learners), study circles, solving case studies, micro presentations, seminars , guest lectures webinar and workshops.

Practical Exposure: to broaden the practical implications of students learning Industrial Visits, major/minor projects, internships, community services, and case study competitions are taken as part of learning strategy.

Human Values & Social Responsibility is imbibed among students through various community driven, social challenge, and community up-liftmen activities,

k. Details of Value added courses:

S.no	Name of the course	Frequency	No. of students admitted	No. of students completed successfully
1.	Diploma in International Business	Once in a Year (Two Semester)	16	11
2.	Diploma in Business Analytics	Once in a Year (Two Semester)	23	16

1. Details of Functional MoUs'

S. No	Name of the Institution	Activities organized	No. of students participated
1.	Pune Institute of Business Management, Pune	Seminar on "Financial Modelling"	248
2.	Pune Institute of Business Management, Pune	Industrial Trip	60
3.	XIDAS, JABALPUR	Rural Immersion Program	78
4.	St. Clarets College Bengaluru	Guest Lecture on "Research as Career" .	180
5.	Near East University Nicosia North Cyprus	Guest Lecture on " Sustainable Development & Life Learning for Students"	115



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6.	Holy Cross College	Certificate Course in Business Analytics	26
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4. Number of teaching posts sanctioned, filled and vacant:

Number of Teachers	Sanctioned	Filled
08	08	08

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 A Patras	Member of BOS, Faculty of Management, University Institute of Management, Rani Durgavati University
Dr. Rashmi Patras	Chairman BOS (Department of Management)
Dr. Shraddha Shrivastava	Secretary
Dr. Rashmi Singh	Member
Dr. Rishu Jain	
Dr. Chitranshi Verma	
Ms. Seetika Patel	
Ms. Ambiya Khanam	
Mrs. Amrita Dave	
Mrs. Reeshu Nayak	

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
BBA 3rd Year	Standard Auto Agency NEXA, ICICI Bank, HDFC Bank, N J Wealth, BHARAT Investments, SBI Mutual Funds , Kotak Mahindra Bank, Tupperware, Nestle, Haldiram's , Coca Cola, KEM Pipes, Tata Motors, Radhika Packaging, Miles Education, Jabalpur	Project Work/ Field Project
	Adhyagati Organic Farms Bajaj Finser , M G Agro, JBP	
	Impact of Farm Bills on Farmers, Jabalpur	
	Zedvox, Nodia, UP	
	Hire Next India, Jabalpur	INTERNSHIP



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	Bajaj Finserv, JBP	
	Kamya Communication Pvt. Ltd, Pune.	
	Rajveer Pharma – Pharmaceutical firm, Jabalpur	
	Inocrypt Inosoft , Jabalpur	
	Paramba Distributor, Jabalpur	
	Upsolve Solutions, Mumbai	
	Guru Transport Service, Jabalpur	
	Panache Business Solution , Indore	
	SAP, Jabalpur	
	Microtech Computer Academy, Jabalpur	
	Aacharya Shri Collection, Jabalpur	
	Narmada Motors. Jabalpur	
	SSD Petroleum, Jabalpur	INTERNSHIP
	Chandok Machineries Agro Division, Jabalpur	
	Rise OTB Sonnecraft Solution LLB, Delhi	
	ZEDVOX, Noida	
	Ideal management group, Jabalpur	
	Millenium India Welfare, Jabalpur	
	M N Enterprises, Jabalpur	
	Jankalyan Multipurpose Education Society, Nagpur	
	Vestige Marketing, Pvt. Ltd., Jabalpur	
	Web Technologies India Pvt. Ltd., Vijayawada	
	Kamya Communication Pvt. Ltd., Jabalpur	
	Marktime Technologies Solutions Pvt. Ltd., Jaipur	
	LIC, Jabalpur	
	N J Wealth, Jabalpur	
	Gaurav Travels, Jabalpur	
	Verma Construction, Jbp.	
	First Door Health, Jabalpur	
	SYGNIFIC Careers Pvt. Ltd. , Bhopal	INTERNSHIP
	SSD Plastic Industries, Jabalpur	
	SRCOM Soft Techno Park, Jabalpur	
	KIDZEE Learn Ltd., Sihora	
	Kanchita Suits, Jabalpur	
	TOP and Town Dinshaw , Jabalpur	
	Wegit Technologies, Jabalpur	



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	Bhadara Traders, Jabalpur	
	Microtech Computer Academy, Dindori	
	Sorted Sessions Event Management, Jabalpur	
	Siddhi Bangles, Jabalpur	
	Bharat Fancy Stores , Jabalpur	
	Ideal Management Group, Jabalpur	
	ZORG Lifesciences, Jabalpur.	
	Sai Council Bharat, Jabalpur.	
Xaviers, Institute of Development Action & Studies, (XIDAS), Jabalpur.		

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

Programme	Examination System
BBA I & II Semester	Semester System – Choice Based Credit System
BBA II nd Year	Annual Yearly (Choice Based Credit System)
BBA III rd 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
1.	Co- Investigator – Dr. Rashmi A Patras	Creative Approaches to Peace for Whole Person Education	United Board for Christian Higher Education	US \$ 12080	3 year project

9. Research Publications

Name of Teacher	Details of Papers published in peer reviewed journals (UGC / Scopus)
	-

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	ISBN
	Reskilling and Upskilling for Future Industry and Business	978-9391267-01-8



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Dr. Rashmi Patras	National Education Policy 2020: Reshaping the Future	978-93-5829-924-3
	Reskilling and Upskilling for Future Industry and Business	978-9391267-01-8
Dr. Shraddha Shrivastava	The Future of Indian Economy Challenges & Opportunities	978-93-94424-16-6
Dr. Rashmi Singh	Reskilling and Upskilling for Future Industry and Business	978-9391267-01-8
Dr. Chitranshi Verma	Reskilling and Upskilling for Future Industry and Business	978-9391267-01-8

12. Edited Books

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

13. Self-Authored Book

Author Name	Name of Book	ISBN

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	Details of the Programme
1.	Dr. Rashmi A Patras	Skill Enhancement Workshop - "TIME MANAGEMENT"
2.	Dr. Shraddha Shrivastava	Skill Enhancement Workshop - "Project Report & Start-Ups"
3.	Dr. Chitranshi Verma	Skill Enhancement Workshop - "Personality Development"

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	02	Nil
Seminar/Conference	10	02
Workshop/FDP/Training Programme	03	05
Paper presentation	09	02



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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
-	-	-

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

Name of Faculty	Awards/Recognition received	Recognition Bodies
Dr. Rashmi A Patras	Recognition for the Service in Education Field. Dated 16 th September 2024	Dada Rohani Seva Samiti, Cantt Jabalpur
Dr. Shraddha Shrivastava		
Dr. Rashmi Singh		
Dr. Chitranshi Verma		
Dr. Rishu Jain		
Ms. Seetika Patel		
Ms. Ambiya Khannam		

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
1	Aditi Chouksey	ADG State Appreciation Award	NCC- M.P.
2	Palak Gupta	Performance Award for Drama Festival	M. P. Government
3	Sirjan Bagga	1st Position Inter-Collegiate Badminton Competition	RDVV
4	Pallavi Gupta	2nd Prize at State Level for Skit	Youth Festival – Rani Durgavati University, Jabalpur
5	Radhika Sen	2nd Prize at State Level for Skit	Youth Festival – Rani Durgavati University, Jabalpur
6	Nitin Singh Tomar	Best Cadet Award	Director General of Madhya Pradesh & Chattisgarh



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7	Nitin Singh Tomar	1st Position in Inter- Collegiate Volley Ball Competition	RDVV
8	Padma Subhashan	1st Position in Inter-Collegiate Basket Ball	RDVV

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	Nil	Nil		

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

24. Subject-wise Results

UG First year BBA I SEMESTER

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
BBA I Semester MANAGEMENT GROUP						
1	Business Management	236	233	NIL	3	98.72%
2	Business Statistics	236	233	11	3	98.72%
3	Business Mathematics	236	233	9	3	98.72%
	Total	236	233	20	3	98.72%
FINANCE GROUP						
1	Financial Accounting	102	102	2	NIL	100%
2	Communication Skills	102	102	NIL	NIL	100%
3	Business Statistics	102	102	1	NIL	100%
	Total	102	102	3	NIL	100%
BBA II SEMESTER MANAGEMENT GROUP						
1	Communication Skills	236	231	8	5	97.78%
2	Micro Economics	236	231	8	5	97.78%
3	Financial Accounting	236	231	13	5	97.78%
	Total	236	231	29	5	97.78%
FINANCE GROUP						
1	Business Mathematics	99	97	1	2	97.97%



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2	Business Management	99	97	NIL	2	97.97%
3	Micro Economics	99	97	1	2	97.97%
TOTAL----->		99	97	2	2	97.97% _s

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
GROUP A MANGEMENT						
1	Major 1 - Human Resource Management	128	128	Nil	Nil	100%
2	Major 2- Organizational Behaviour	128	128	Nil	NIL	100%
3	Minor- Marketing Management	128	128	Nil	Nil	100%
4	Elective- Marketing Research	128	126	02	NIL	98.4%
TOTAL----->		128	128	NIL	Nil	100%

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
GROUP B MARKETING						
1	Major 1- Marketing Management	51	51	Nil	NI	96.07%
2	Major 2- Marketing Research	51	51	Nil	NIL	96.07%
3	Minor- Organisational Behaviour	51	49	02	NIL	96.07%
4	Elective- Financial Market & Financial Services	51	48	03	NIL	94.11%
TOTAL----->		51	51	NIL	NIL	100%

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
GROUP C FINANCE						
1	Major 1- Financial Management	69	67	02	NIL	97.1%



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2	Major 2- Financial Market & Financial Services	69	67	02	NIL	97.1%
3	Minor- Organisational Behaviour	69	69	02	NIL	100%
4	Elective- Marketing Research	69	69	Nil	NIL	100%
TOTAL----->		69	69	NIL	NIL	100%

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Entrepreneurship Development	196	197	NIL	NIL	100%
2	Management Information System	196	197	1	NIL	100%
3	Business Environment	196	197	NIL	NIL	100%
4	Business Law	196	197	NIL	NIL	100%
MARKETING ELECTIVE						
5	Consumer Behaviour	112	111	01	NIL	99.10%
6	Advertising & Sales Management	112	111	01	NIL	99.1%
HUMAN RESOURCE ELECTIVE						
7	Human Resource Development	33	33	NIL	NIL	100%
8	Organizational Change & Development	33	33	NIL	NIL	100%
FINANCE ELECTIVE						
9	Working Capital Management	45	44	1	1	99.1 % %
10	Corporate Tax	45	45	NIL	NIL	100%
TOTAL----->		190	189	2	1	99.47%

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT



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PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT

25. Strategic Plan and its implementation (2022-23):

STARTEGIC PLAN

- Commencement of Diploma in Business Analytics.
- Under MoU- Rural Emersion Program with Xavier Institute of Development Studies, Jabalpur.
- Conduction of Inter- School Knowledge – TALENT Fest.

Implementation

- Starting of Diploma in business Analytics from Sept 2022
- Rural Emersion Program for 60 students conducted, resourced by XIDAS, Jabalpur of 25 Days
- Conduction of Knowledge Fest- "MERAKI" in Collaboration with Department of Computer Science on 21st January 2023.

26. 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.



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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).

27. Future Plan:

- Starting of MBA Program in next three years.
- Diversifying the BBA Elective for more wider scope in Finance, Marketing and Information technology.
- Organizing educational & industrial Trips within and outside state for advance learning. Commencement of BBA in International Management.



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 1:40

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

Designation	Sanctioned	Filled
Assistant Professor	08	08

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

Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
Dr. Rashmi Patras	Assistant Professor	MBA, B.ED, Ph.d	16 Years	Confirmed
Dr. Shraddha Shrivastava		M.Com, PGDCA, Ph.d	16 Years	
Dr. Rashmi Singh		MHRA, Ph.d	5 Years	
Dr. Chitranshi Verma		MBA, NET ,Ph.d	12 Years	
Dr. Rishu Jain		MBA, Ph.D	9 Years	Probation
Ms. Seetika Patel		MBA, M.Com	1 years	
Ms. Ambiya Khanam		M.Com , NET	1 years	
Mrs. Reshu Nayak		M.Com, B.Ed	1 years	
Mrs. Amrita Dave		MBA	9 Years	

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
06	01	01	0

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

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
BBA	645	410	410	221	189	410



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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
BBA	361	38	07	Nil

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

- a) Central Library Books and Journals- 3365
- b) Online (books, journals etc.) Subscribed - 1370
- c) Computers and Internet facilities for staff - Laptop -05 Desktop -01, Black & White Printer-01, Color Printer & Scanner -01
- d) Total number of class rooms - 09
- e) Class rooms with ICT facility - 09
- f) Students' laboratory- 01 (Computer Lab)
- g) Research laboratories- Nil
- h) Any other facility - Nil

9. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
-	-	-	-

10. Laboratory Facilities

Items Procured- 2022-23

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.



Name: Dr. Rashmi Patras

Date:



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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:

In UG department is offering Physics as Major subject, Minor subject and Elective apart from these Department is also offering electrical technology as vocational subject and as,

Open Elective **For PG:**

Program	Semester / year	Electives
M.Sc.	III Sem	<u>2 Special Papers With 3 Elective Options In M.Sc. III Sem :</u> 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
UG	II Year	Vocational Course (Electrical Technology)	Fault finding repairing, and maintenance of various electrical appliances such as electrical iron, geyser, fan Mixer Grinder etc.
M.Sc	III & IV Semester	Certificate Course on “Characterization Techniques in Material Science”	Determination of Crystal structure, Particle size, indexing of XRD peaks, band gap

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

Feedback report: Alumni, instructors, students, and their parents provide input to the department on all aspects of the curriculum and program. During departmental meetings,



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faculty members discuss among themselves in order to review the input. The department's faculty members review the comments based on its applicability, relevance, skill development, employability, and current worldwide demands.

Action Taken report: The recommendations were combined in light of the conversation. Following a meeting to review the collective feedback, the Board of Study takes action to improve and modify the curriculum and teaching-learning process.

- d. Number of teachers preparing & following Academic Teaching plan: 04
- 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.Sc I Sem	Theory/Lab Course	Physics	Dr. Pramod Chaitanya & Dr. Poonam Pendke	40
B.Sc II Sem	Theory/Lab Course	Physics	Dr. Pramod Chaitanya & Dr. Nisha Pandey	45
B.Sc III Sem	Theory / Lab Course	Physics	Dr. Nisha Pandey	18
B.Sc IV Sem	Theory/Lab Course	Physics	Dr. Poonam Pendke	17
B.Sc III Year	Theory/Lab Course	Physics	Dr. Pramod Chaitanya	40

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
B.Sc	I Sem	Mechanics & General Properties of matter	Physics	Dr. Nisha Pandey	12
B.Sc	II Sem	Thermodynamic & Statistical Physics	Physics	Dr. Nisha Pandey	14
B.Sc	III Sem	Waves & Optics	Physics	Dr. Kallol Das	10
B.Sc	IV Sem	Electricity magnetism & Electromagnetic Theory	Physics	Dr. Poonam Pendke	11
B.Sc	III Year	Paper I(Quantum Mechanics & Spectroscopy) Major	Physics	Dr. Poonam Pendke	12
B.Sc	III Year	Paper II(Solid state Physics & Devices) Minor/Elective	Physics	Dr. Pramod Chaitanya	4

- f. List the methods for conducting Internal evaluation?
Class Test, Seminars/Presentation, CCE, Quiz, working model
- 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
Guest Lecture	Mr. Ram Ashish Chouksey, Scientist F, Defense Research and Development Organization	13 th February 2024	110

h. Teaching and learning reforms:

- 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/PG students by experts.
- Sharing latest inventions and opportunities.
- Arranging appropriate internships.
- Inspiring students to create demonstrations explaining different physical principles to promote experiential learning .
- Outreach activity

i. Internal Assessment reforms:

- Internal Assessment was done in diversified modes..
- Internal assessment mode for BSc I & II Sem- Subjective and Objective test, Classroom teaching, Presentation in practical.
- Internal assessment mode for BSc III & IV Sem- Subjective test and Objective test, Working Model 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.

j. Best practices in Teaching and learning:

- Use of interactive panel.
- Use of different ICT Tools
- Discussion with Eminent Scientist and industrialist
- Field Visit
- Guest Lecture

k. Details of Value-added courses: [NIL](#)

S.no	Name of the course	Frequency	No. of students admitted	No. of students completed successfully



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1. Details of Functional MoUs'

S. No	Name of the Institution	Activities organized	No. of students participated
1	S Uniteck	Internship	6

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. Kallol Das	1. BOS member in Dept. of Physics, RDVV, Jabalpur 2. BOS member in Dept. of Physics, Govt. Sc. College, Jabalpur
Dr. Pramod Chaitanya	Maharshi Mahesh Yogi Vedic VishwaVidyalaya

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
B.Sc. III Year	<ul style="list-style-type: none">India Meteorological Department, Jabalpur3G Automobiles Anantnag.	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	Semester System
B.Sc. II Year	Semester System
B.Sc. III Year	Annual
M.Sc.	Semester, Choice Based Credit System

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

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



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9. Research Publications: NA

Name of Teacher	Details of Papers published in peer reviewed journals (UGC / Scopus)

10. Number of publications: NA

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

11. Chapter in Books

Author Name	Name of Book	ISBN

12. Edited Books: NIL

Author Name	Name of Book	ISBN

13. Self-Authored Book : NIL

Author Name	Name of Book	ISBN

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	Details of the Programme

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	online two - week Interdisciplinary Refresher Course in "RESEARCH METHODOLOGY & DATA ANALYSIS" from 14 Feb to 28 Feb 2024.(One Faculty)	
Orientation		
Seminar/Conference	National Seminar(Three teachers)	
Workshop/FDP/Training Programme	Workshop (Three Teachers) FDP (Four teachers)	
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. Kallol Das	University level, State level
2	Dr. Pramod Chaitanya	University level, State level
3	Dr. Nisha Pandey	University level
4	Dr. Poonam Pendke	University level

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. Poonam Pendke	Edwin Group of Journal (Editorial Member)	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. Pramod Chaitanya	PhD Research Guide Approved by	R.D.V.V
Dr. Nisha Pandey	RDVV	

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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Co-curricular:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies
1	Vanshika Dixit	FIRST in Intercollegiate Working Model competition:	Mahakushal Vigyan Parishad and MP Science and Engineering Council
2	Abin Thomas	FIRST in Intercollegiate Working Model competition	Mahakushal Vigyan Parishad and MP Science and Engineering Council
3	Vanshika Dixit	First rank in the Poster Making	National Science Day organized by Rani Durgavati University, Jabalpur
4	Divyam Singh	First rank in the Poster Making	National Science Day organized by Rani Durgavati University, Jabalpur

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

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

24. Subject-wise Results

UG First Semester

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Major	9	8	1	-	88.9%
2	Minor	31	30	1	-	96.8%
3	Elective	19	19	-	-	100%
TOTAL----->						

UG Second Semester

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Major	8	8	-	-	100%
2	Minor	29	27	2	-	93.1%
3	Elective	13	11	2	-	84.6%
TOTAL----->						

UG Third Semester

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Major	6	6	-	-	100%
2	Minor	9	8	1	-	88.9%



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3	Elective	11	10	1	-	91%
TOTAL----->						

UG Fourth Semester

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Major	6	6	-	-	100%
2	Minor	9	7	1	-	87.5%
3	Elective	11	10	1	-	91%
TOTAL----->						

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Physics	7	6	1	-	85.7%

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Physics	7	6	1	-	85.7%

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Physics	7	5	2	-	71.4%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Physics	7	6	1	-	85.7%

25. Strategic Plan and its implementation (2023-24):

- Bridge Classes & Remedial Classes
- Industry visit /Internship
- Guest Lecture
- Certificate Course on "Characterization Techniques in Material Science"
- Conduction of National Graduate Physics Examination (NGPE)
- Science Club Activities: Working Model competition, Quiz competition, Open house for School students by UG and PG students, National Science Day Celebration
- Different competition along with Science and Religion Society



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Implementation

All the activities apart from Certificate Course on “Characterization Techniques in Material Science” and National Graduate Physics Examination (NGPE) were conducted successfully. Because of less number of students these two activities were not conducted.

26. SWOC Analysis:

➤ Strength:

- All the Faculty members are Ph.D.
- Well, establish Research Laboratory
- Three faculties of the Department are Research Guide
- Dept. of Physics has approved center for Research

➤ Weakness:

- Decreasing interest of students towards the subject

➤ Opportunity

- To introduce new course (job and skill oriented) such as Nanotechnology, Energy management etc.

➤ Challenges

- How to create interest in students towards Physics

➤ Future Plan:

- Department is opting Renewable Sustainable Green Energy Systems BSc Program



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Year 2023-24

ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 1:20
2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
4 (Asst. Prof)	4	4

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.	36 Yrs	Permanent
Dr. Pramod Chaitanya	Asst. Professor	M.Sc, NET, JEST, Ph.D	19 Yrs	Permanent
Dr. Nisha Pandey	Asst. Professor	M.Sc, Ph.D	17 Yrs	Permanent
Dr. Poonam Pendke	Asst. Professor	M.Sc, Ph.D	14 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	--	--	--

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

Post	Sanctioned	Filled	Actual
Lab Technician	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
UG	10	10		6	4	10
PG	2	-	-	-	-	-



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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
B.Sc.	85%	-	15%	
M.Sc.	71 %	-	29 %	

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

- Central Library Books and Journals, etc., relevant to Department: 6054+5
- Online (books, journals etc.) Subscribed: **Through various e resources like infolibnet, Delnet, pdf-chm and College Digital Library, etc.**
- Computers and Internet facilities for staff: **5 PC + 3 laptop with Wi-Fi facility**
- Total number of class rooms : **4**
- Class rooms with ICT facility : **4**
- Students' laboratory :**01**
- Research laboratories: **01**
- Any other facility: **Department has well established infrastructure for research (XRD, AFM, FTIR etc.)**

9. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
10,000		Consumable/Stationary	10,000/-

10. Laboratory Facilities:

Items Procured- 2023-24

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 of the Dept of Physics,
St. Aloysius' College,
JABALPUR*

Signature Name:
Dr. Pramod Chaitanya

Date:



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ACADEMIC & ADMINISTRATIVE AUDIT

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ACADEMIC AUDIT

1. **Name of the Department:** Political Science
2. **Year of establishment:** 1951
3. **Curricular Aspects:** UG and PG

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

Program	Semester / year	Electives
B.A.	I SEM	<ul style="list-style-type: none">• Political Theory• Indian National Movement
	II Sem	<ul style="list-style-type: none">• Indian Constitution• Indian Political System
	III Sem	<ul style="list-style-type: none">• Western Political Thought• Human Rights
	IV Sem	<ul style="list-style-type: none">• Indian Political Thinker• Understanding Gandhi & Ambedkar
	III Year	<ul style="list-style-type: none">• Local Self Government• Globalization and Politics
M.A.	III Sem	Core Elective: <ol style="list-style-type: none">1. Local Government2. Women and Political Representation3. Comparative Politics Open Elective: <ol style="list-style-type: none">1. Political Economy of India2. Citizen and Civic Awareness3. Environmental Economics4. Fundamental of Communication
	IV Sem	Core Elective: <ol style="list-style-type: none">1. Political Leadership2. Media and Politics3. Electoral Politics in India Open Elective: <ol style="list-style-type: none">1. Human Rights2. Economics of Gender and Development3. 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.A	I Sem	Indian Government and Politics	Panel Discussion, Debate , Youth Parliament
	II Sem	Research Methodology	Research Paper Presentation in Seminars/Conferences,Field Survey
	IV Sem	Human Rights	Article Review, Field Survey
Certificate Course		Certificate Course in Human Rights	Project, Guest Lecture
		Certificate Course in Right to Information and Filing RTI	Project

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

1. Feedback report:

- Emphasis should be given on NET preparation for PG Students.
- More emphasis on topics related to cross cutting issues and Local Needs.

2. Action Taken report:

- Guest lecture on 'How to clear the NET' by the alumni.
- Department has given the topics for project related to Cross cutting Issues-

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 Sem	Political Science	Political Theory	Dr. Tuhina Johri (Major)	78
			Dr. Vishwas Patel (Minor/ Elective)	90

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
UG	I Sem & II Sem	B.A.	Political Science (Minor/ Elective)	Dr. Vishwas Patel	40
	I Sem & II Sem		Political Science (Major)	Dr. Tuhina Johri	35
	III Sem & IV Sem		Political Science (Major/Minor/ Elective)	Ms. Bhawna Tekam	40
	III Yr		DSE Paper 1	Ms. Bhawna Tekam	30
			DSE Paper 2	Ms. Yashica Choudhary	30
			Minor/ Elective	Ms. Yashica Choudhary	25

f. List the methods for conducting Internal evaluation?

PPT presentation, Assignments, Unit Test, Article Review, Editorial Review, Literature Review, Book Review, Poster Presentation, Research Paper Writing, Case Studies.



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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
Online Guest Lecture on Women Empowerment : Challenges and Solutions	Prof. Melody R Arandela Ambangan, Dean Southern Christian College of Social Work, Philippines	13 January 2024	80
Guest Lecture on 'How to clear NET'	Alumni: Mr. Dev Mishra Ms. Vartika Lodhi	9 March 2024	27

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

Visual and Audio Engagement

- i. **Internal Assessment reforms:**

Case Studies, Questionnaire, Book Review.

- j. **Best practices in Teaching and learning:**

Youth Parliament, Panel Discussion, ICT, Field Survey, Research Paper Writing.

- k. Details of Value added courses:

S.no	Name of the course	Frequency	No. of students admitted	No. of students completed successfully
1.	Certificate Course in Human Rights	Once in a year	10	10
2	Certificate Course in Right to Information and Filing RTI	Once in a Year	15	15

- l. Details of Functional MoUs'

S. No	Name of the Institution	Activities organized	No. of students participated
1	Jesus & Mary College, New Delhi	Panel Discussion on "Politicization of Crime or Criminalization of Politics"	6
2	Southern Christian College of Social Work, Philippines	Online Guest Lecture on "Women Empowerment: Challenges and Solutions"	80
3	BHTDAY Welfare Foundation	Internship	6

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).

Name of the teachers	Participation in Curriculum Development in University / College
Dr. Vishwas Patel Dr. Tuhina Johri	Department of Political Science, RDVV Jabalpur
Dr. Vishwas Patel	Department of Political Science, Govt. Mahakoshal Arts and Commerce, Jabalpur

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
B.A. III Year	BHTDAY Welfare Foundation	Internship

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

Programme	Examination System
B.A. I & II Sem	Semester (NEP)
B.A. III & IV Sem	Semester (NEP)
B.A. III Year	Annual (NEP)
M.A.	CBCS

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
	NIL				

9. Research Publications

Name of Teacher	Details of Papers published in peer reviewed journals (UGC / Scopus)
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				



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11. Chapter in Books

Author Name	Name of Book	ISBN
Dr. Vishwas Patel	National Education Policy 2020: Reshaping the Future	978-93-5829-924-3
Dr. Tuhina Johri		
Ms. Bhawna Tekam		
Ms. Yashica Choudhary		
Dr. Vishwas Patel	Thoughts of Pandit Deen Dayal Upadhyay Contemporary Context	978-81-966425-2-5
Dr. Tuhina Johri		
Dr. Vishwas Patel	G20 and Green Growth: Collaborative Action for Sustainable Future Under Saptrishi Budget 2023	978-93-5879-400-7
Dr. Tuhina Johri		
Ms. Bhawna Tekam		
Ms. Yashica Choudhary		

12. Edited Books

Author Name	Name of Book	ISBN
Dr. Vishwas Patel	National Education Policy 2020: Reshaping the Future	978-93-5829-924-3
Dr. Tuhina Johri		

13. Self-Authored Book

Author Name	Name of Book	ISBN
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
	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	Details of the Programme
	NIL	



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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	04	-
Orientation	-	
Seminar/Conference	Teachers -04/ Seminars- 11	-
Workshop/FDP/Training Programme	Teachers-04 Workshop/FDP-09	Teacher-01 Workshop-01
Paper presentation	Teachers-04 Paper presentation-09	

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
	Dr. Vishwas Patel	• Member of Examination Committee, Govt Mahakoshal Arts and Commerce (Auto) College, JBP.

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	International Journal of Research and Innovation in Social Science

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

Name of Faculty	Awards/Recognition received	Recognition Bodies
Ms. Bhawna Tekam	Appreciation Certificate	Collectorate and District Election Commission, Jabalpur

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.	Mr. Sharad Jaiswal	Secured I position in Debate	RDVV,
2.	Ms. Mahak Choudhary	Best Paper Award (National Seminar)	Department of Education, St. Aloysius College (Auto) Jabalpur



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Co-curricular:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies
1.	Ms. Rupanshi Mishra	Secured I Position in Kavya Path	Mahakoshal Vigyan Parishad and M.P. Vigyan and Prodhogiki Parishad

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: **NIL**

24. Subject-wise Results

UG First Semester

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.A. I Sem (Major)	78	74	02	02	94.8
2	B.A. I Sem Minor	76	71	03	02	93.42
3	B.A. I Sem Elective	56	55	01	-	98.21
TOTAL----->		210	200	06	04	95.23

UG Second Semester

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.A. II Sem Major	74	73	1	-	98.64%
2	B.A. II Sem Minor	72	71	1	-	91.66%
3	B.A. II Sem Elective	57	55	2	-	96.49%
TOTAL----->						

UG Third Semester

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.A. III Sem Major	73	55	18	-	75.34
2	B.A. III Sem Minor	72	58	14		80.55
3	B.A. III Sem Elective	39	29	10		74.35
TOTAL		184	142	42		77.17



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UG Fourth Semester

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.A. IV Sem Major	74	72	1	1	97.29%
2	B.A. IV Sem Minor	66	65	1	-	98.48%
3	B.A. IV Sem Elective	39	37	1	1	94.87%
	Total					

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.A.	23	21	2	Nil	95

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.A	21	21	-	-	100%

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.A.	19	19	NIL	NIL	100%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.A	21	21	-	-	100%

25. Strategic Plan and its implementation (2022-23):

Department of Political Science	
Date	Activity
July 2023	Commencement of Bridge Classes
	Guest Lecture by Alumni
August 2023	Release Newsletter 'Pravah'
	Panel Discussion
September 2023	Commencement of Certificate Course in Human Rights
	Group Discussion on Emerging Trends in Foreign Policy
October 2023	Field Survey
November 2023	Celebration of Constitutional Day
December 2023	Celebration of Human Rights Day
January 2024	Celebration of Voter's Day



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	Commencement of Certificate Course in Right to Information and Filing RTI
February 2024	Youth Parliament
March 2024	Release Newsletter 'Pravah'
	Guest Lecture on Impact of Budget on Indian Politics

SWOC Analysis:

STRENGTH

- Well qualified Faculties.
- 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.
- 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.
- A large Numbers of students opting political Science will help them fight UPSC and State PSC.

WEAKNESS

- Publish article in Scopus/ Web of Science Journals.

OPPORTUNITIES

- Conduct Survey Program to study the voting behavior and make a career in this field as a Psephology.
- Confidence building through seminars, group discussions through interactive sessions.
- PG students publish their research papers.
- Interdisciplinary research projects.
- Arrange support programmes to make the students equip with knowledge and skill to face the competitive examinations i.e. Civil Services and NET.

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.

26. Future Plan

- Establish Research Centre.
- Publish Text Book.



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: **1:30**

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.Tuhina Johri	Assist. Prof.	M.A., Ph.D	15 yrs	Permanent
Dr. Vishwas Patel	Assist. Prof	M.A., M.Phil, Ph.D	24Yrs	Permanent
Dr. Rev. Fr. Ben Anton Rose	Assist. Prof.	M.A. Ph.D	9 Yrs	Permanent
Ms. Bhawna Tekam	Assist. Prof.	M.A., NET	3 Yrs	Permanent
Ms. Yashica Choudhary	Assist. Prof.	M.A., NET	1 Yr	Permanent

4. Diversity of Faculty

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

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	105	85	0	38	47	85
PG	31	25	0	12	13	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.	99.75	.25	Nil	NIL

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

- Central Library Books and Journals, etc., relevant to Department: **4196 +10**
- Online (books, journals etc.) Subscribed **INFLIBNET, DELNET**
- Computers and Internet facilities for staff **1 Desktop, 3 Laptop, 24X7 Wi-Fi**
- Total number of class rooms: **05**
- Class rooms with ICT facility: **05**
- Students' laboratory
- Research laboratories
- Any other facility

9. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
40,000	Books- 29000	Stationary/ Project Viva/Meeting/Cartridge/seminar-workshop attended- 11,000	40,000

10. Laboratory Facilities

Items Procured- 2022-23

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

Name: Dr. Tuhina Johari

Date:



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Examination Cell Audit

Audit Objective: To conduct a comprehensive audit of the exam cell processes in the autonomous academic institution, ensuring transparency, fairness, and adherence to best practices.

Audit Scope: The audit will encompass all aspects of examination management, including planning, scheduling, question paper setting, conduct, evaluation, result publication, record keeping, and continuous improvement measures.

Staff Profile

S. No	Name	Post
1	Dr. Mita Darbari	Controller of Examination
2	Dr. Tarvinder Kaur Ghai	Deputy Controller of Examination
3	Mr. Tejrao Soni	Office Assistant
4	Mr. Brian Clayton	Office Assistant
5	Mrs. Martha Mathew	Office Assistant
6	Ms. Monica Das	Office Assistant
7	Mr. Sandeep Jhariya	Maintenance Staff
8	Mr. Sanjay Maravi	Maintenance Staff

Infrastructure: Exam Cell-consists of Cabins for Controller of Examination and Deputy Controller of Examination. Working area for office assistants' 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



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Examination Pattern

S.No	Programme	Subjects	Examination	Marks
1	BA/BBA/BCA/BS C/BCOM-I-VI- Sem	F.C, Major, Minor, Elective, Vocational, Int/Field Project /Community Service /Resource Project	Semester	Grading System
2	BA/BBA/BCA/BS C/BCOM-III-Year	F.C, Major, Minor, Elective, Vocational, Int/Field Project /Community Service /Resource Project	Yearly	Marking System
3	MA/MSC/ M.COM	Pol.Sc./Economics/Eng.Lit./Maths/Physics/ Chemistry/Microbiology/Biotechnology/ Computer Sc./Zoology/Commerce	Semester	Credit System

Examination reforms

- 1) Semester Pattern for U.G.NEP
- 2) Registration in NAD Digi Locker for uploading of Mark Sheet of Students.

Audit Criteria:

Examination Planning and Scheduling:	Tick if applicable
Is there a well-structured examination calendar for the entire academic year?	✓
Are exam schedules communicated clearly and well in advance to students, faculty, and stakeholders?	✓
Are provisions in place for accommodating special circumstances, such as rescheduling due to unforeseen events?	✓
Is there a contingency plan to address unexpected disruptions during exams?	✓
Question Paper Setting and Moderation:	
Is a committee of subject experts responsible for developing and reviewing question papers?	✓
Is a comprehensive moderation process followed to ensure question clarity, fairness, and alignment with curriculum objectives?	✓
Is there a strict policy in place to maintain the confidentiality of question papers until the examination date?	✓
Examination Conduct and Security:	



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Are examination halls arranged in a manner that prevents cheating, distractions, and misconduct?	✓
Is there a robust process for verifying student identities using photo IDs and registration details?	✓
Are adequately trained invigilators assigned to each exam hall, with clearly defined roles and responsibilities?	✓
Is there a well-defined protocol for handling emergencies, technical glitches, and violations during exams?	✓
Evaluation and Grading	
Is there a standardized marking scheme for evaluating answer scripts?	✓
Are faculty members trained in consistent and objective evaluation techniques?	✓
Is there a mechanism in place to address discrepancies in marks awarded?	✓
Result Publication and Feedback:	
Is a predetermined date established for the publication of exam results?	✓
Are examination results made available through a transparent online system or portal?	✓
Do students have access to their marked answer sheets for review and learning purposes?	✓
Are formal channels for students and faculty to provide feedback for continuous improvement in place?	✓
Grievance Redressal and Appeals:	
Is a clear and well-communicated process available for students to raise exam-related grievances?	✓
Is there a structured and efficient mechanism to address and resolve grievances within defined timelines?	✓
Is there a provision for students to appeal decisions if they are dissatisfied with the resolution?	✓
Record Keeping and Data Security:	
Are all exam-related records securely stored, accessible only to authorized personnel?	✓
Is there a robust policy for archiving and retaining examination records in compliance with regulatory requirements?	✓



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Are measures in place to prevent unauthorized access, tampering, or loss of records?	✓
Continuous Improvement and Best Practices:	
Are regular feedback surveys conducted among students and faculty to identify areas for enhancement?	✓
Is there a systematic approach for analyzing feedback and implementing changes to optimize exam processes?	✓
Are periodic internal audits conducted to assess the effectiveness of exam-related procedures and adherence to best practices?	✓

List of Documents Maintained

The following documents, registers and files are maintained.

1. Examination Manual
2. University Circulars
3. List of Programmes
4. Syllabi
5. Notifications File
6. Exam cells meetings & Minutes
7. Examination Time Table Records
8. Semester and Annual Examination Conduction Records
9. Invigilation and Paper Assessment records
10. Unfair Means & Flying Squad Records
11. Files regarding Registration of students and issue of hall tickets
12. Inward/ Outward Registers
13. Stock Register
14. Tabulation record and Results
15. Coding and decoding record, observation record, review record



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Digital Evaluation System

1. Online Examination Form Submission and Fee Payment
2. Efficient Roll List Generation
3. Admit Card Generation and Web-Based Downloading
4. Streamlined Logistics and Attendance Management
5. Preparation of OMR-Based Barcoded Answer Booklets
6. Effortless Scanning of OMR Answer Sheets
7. Automated Marks Calculation and Result Generation
8. User-Friendly Interface and Support and Web-Based Result Access

Mita
Dr. Mita Darbari
Controller of Examination
St. Aloysius College (Auto.)
Jabalpur (M.P.)

Seal & Signature of Controller of Examination



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Sports and fitness center

Staff Profile

S. No	Name	Post
1.	Ms. Rohela Pillay	Sports Officer
2.	Mr. Harish Dubey	Asst. Prof.

Committee

S. No	Name	Position
1.	Dr. Sunil Tiwari	Member

Infrastructure

1. We have a Basketball Court
2. Volleyball Court
3. Badminton Hall
4. Kabaddi Hall
5. Football Ground
6. Handball court
7. Multi Station Gym for boys
8. Girls fitness Room which contains 2 Treadmill, 1 Cross Trainer, Massager, Twister, 3 Cycles and 4 sets of Dumbles for girls.

Achievements

S. No	Student's Name	Event	Description	Achievement
1	Rubina Francis M. Com I Semester	Shooting	Asian Para Games 2023-24, Hangzhou , China.	Bronze Medal
2	Mehak Jaiswal Ba IV Semester	Due Ball	1st Asian Dueball Championship 2023-24 Mumbai.	Silver Medal
3	Aarti Tiwari Ba II Semester	Karate	13th Silent Knight Karate Cup From 8th -10th March 2024, Malaysia	2 Bronze Medal
			South West Zone Interuniversity 15th-20th June 2024	Silver Medal
			All India University 1st-3rd February 2024 Chandigarh.	6th Position



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4	Sapna Pandey Ba II Semester	Karate	13th Silent Knight Karate Cup From 8th -10th March 2024, Malaysia	2 Bronze Medal
5	Tanya Jatav B.Com IV Semester	Wushu	1. 11th Aisan Junior Wushu Championship From 17-20th August 2023 Macao, China. 2. Khelo India Junior National 26th-31th March 2024 Bhagwati Nagar Jammu. 3. All India University 13-17th February At University Of Jammu 2023-24.	5th Position Gold Medal 2 Gold Medal
6	Vanshika Namdeo B. Com IV Sem	Wushu	1. National Games, 26th-9th November Goa 2023-24 2. Khelo India Senior Wushu Championship 23th-28th February Rachi, Jharkhand 3. All India University 13-17th February At University Of Jammu 2023-24.	Gold Medal Bronze Medal Gold Medals
7	Chirag Vidhyarthi B. Com III Year	Archery	1. National Games, 26th-9th November Goa 2023-24 2. South West Zone Interuniversity Bhatinda University 2023-24 3. All India University Patiala 2023-24 4. Khelo India University , Shillong Meghalaya 2023-24.	Gold Medal 1 Silver And 1 Bronze Medal Gold Medal Gold Medal
8	Amit Kumar	Archery	1. Khelo India University , Shillong Meghalaya 2023-24. 2. South West Zone Interuniversity Bhatinda University 2023-24	Gold Medal Gold Medal
9	Kratika Bichpuriya	Archery	1. Khelo India University , Shillong Meghalaya 2023-24. 2. South West Zone Interuniversity Bhatinda University 2023-24	Gold Medal 2 Gold Medal
10.	Amey Rai	Archery	1. Khelo India University , Shillong Meghalaya 2023-24.	Gold Medal

Any other details: NA

Seal & Signature of Sports Officer

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College Central Library

Library Staff Profile

Sr. No.	Name	Post	Qualification	Experience
1.	Dr. Archana Dubey	Librarian	M.Lib Isc.,MA (Political Science & Economics) PGDCA	19 Years
2.	Mrs. Sonam Yadav	Assistant Librarian	M.Lib Isc.,MA Economics	01 Year
3.	Ms. Kalpana Vishwakarma	Assistant Librarian	M.Lib Isc.,M.Com, PGDCA	01 Year

Library Committee

S. No	Name of the Teacher	Position
1.	Dr. Tuhina Johri	Library In-charge
2.	Fr. Pradeep	Member
3.	Dr. Zareen Baksh	Member
4.	Dr. Harbaksh Moolchandani	Member
5.	Mr. Prakash Kumar Langhe	Member
6.	Mr. Nitin Swami	Member
7.	Dr. Nidhi Khurana	Member
8.	Ms. Ambiya Khanam	Member
9.	Dr. Amita Chatri	Reading Room Incharge
10.	Dr. Dilip Kosta	Member
11.	Dr. Megha Tiwari	Member
12.	Ms. Bhawana Tekam	Member
13.	Ms. J.K Jenifer	Member (Student)
14.	Ms. Astha Shrivastava	Member (Student)
15.	Ms. Rishika Jha	Member (Student)
16.	Ms. Rusaina Sultana	Member (Student)

Library Collections:

1.	Total volume of books:	87274
2.	Total titles of books:	66489
3.	Total (Book Bank) books:	3351
4.	Journals & magazines:	123
5.	E- Books: (Through E-Resources DELNET, INFLIBNET)	264254
6.	E-Journal: (Through E-Resources DELNET, INFLIBNET)	13116
7.	Total No. of CD, DVD etc:	802



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8.	Back Volumes (BVJ):	2375
9.	Newspapers:	17
10.	Any other:	EPWRF India Time Series Database

E-Libraries details:

E-Library	Subject Area/URL
INFLIBNET	https://inlibnet.ac.in/
DELNET	https://delnet.in/
Drill Bit Plagiarism Software	https://www.drillbitplagiarism.com/
NDLI	https://ndli.iitkgp.ac.in/
LIBRARY OPAC	http://lectures.staloyuscollege.ac.in/login/index.php
EPWRF	https://epwrfits.in/index.aspx

Library working hours: 7:45 am to 5:15pm

Library Services:

- Current Awareness Services (CAS)
- Selective Dissemination of Information (SDI)
- New arrivals services
- Newspaper clipping 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 (OPAC)
- Automated Library with Bar-coding
- Digital Library with 30 PC
- Issue-Return
- Book Bank for SC/ST & under Privileged
- Printing
- Reprography
- Reference services
- Reading Hall
- Wi-Fi connectivity
- Question paper service.(Physical & Online)
- Reading Room With 6 PC



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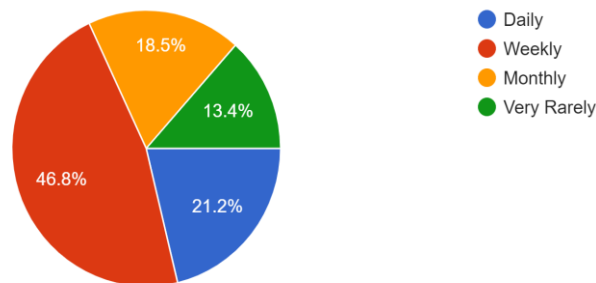
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ACADEMIC & ADMINISTRATIVE AUDIT

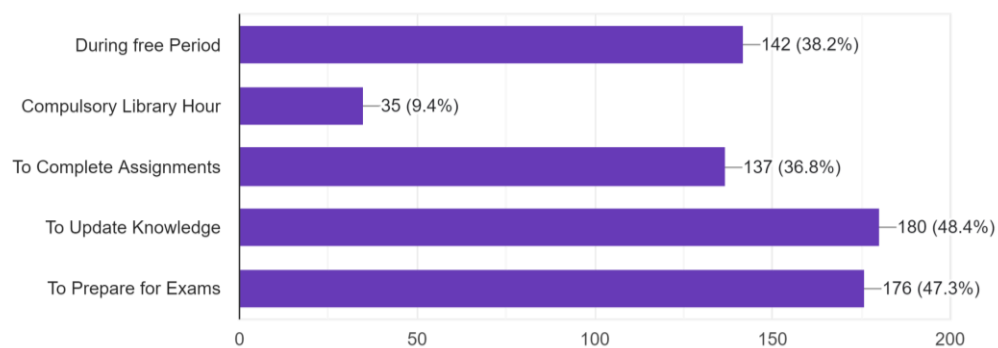
Year 2023-24

Students' Satisfaction

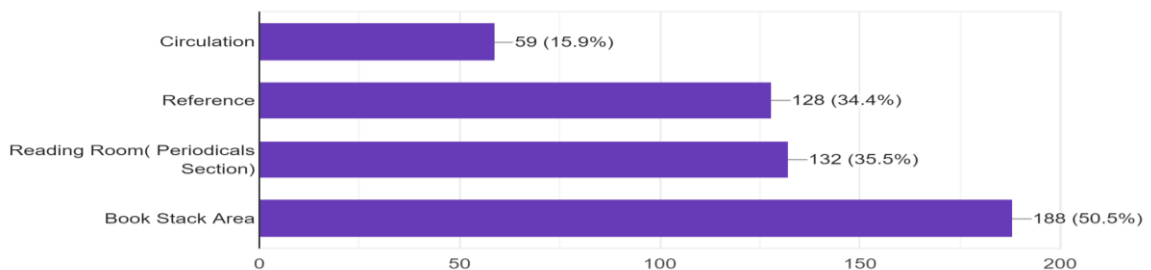
1. Frequency of the Library Visit



2. Purpose for visiting the Library



3. Section of the Library you visit regularly



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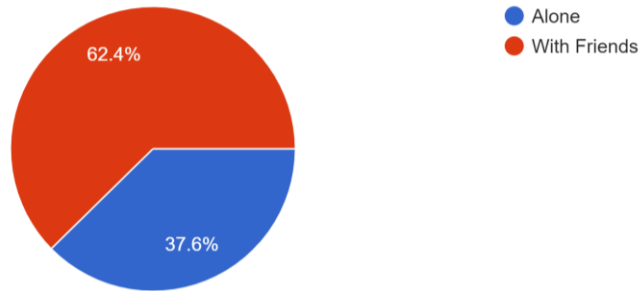
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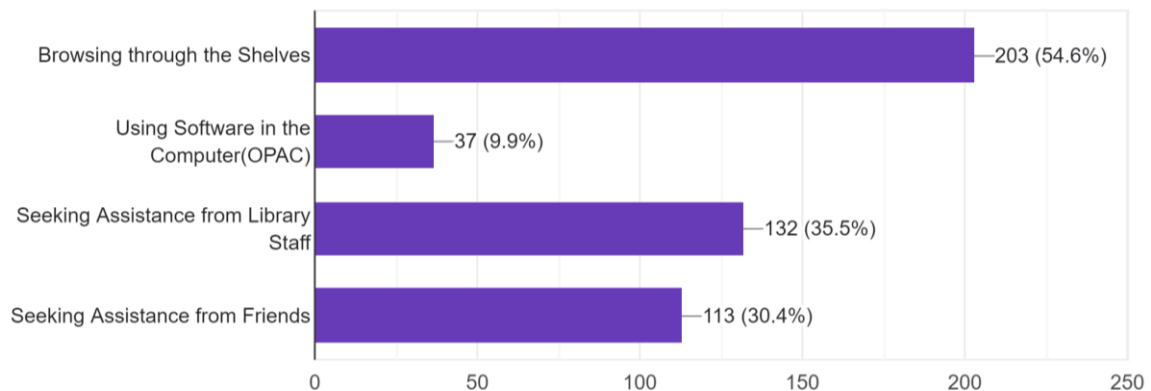
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ACADEMIC & ADMINISTRATIVE AUDIT
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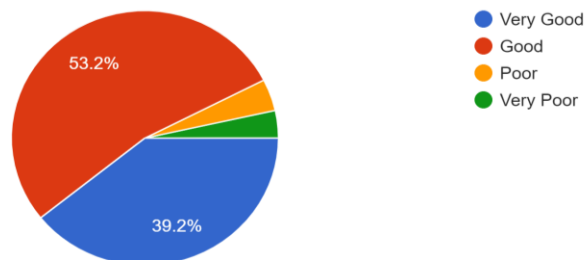
4. Preference to go to Library



5. Mode of locating materials in the library



6. Orientation about library



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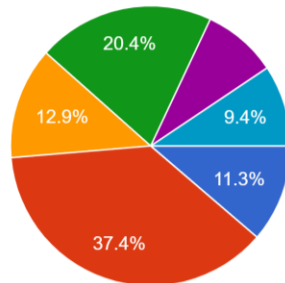
College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT.

ACADEMIC & ADMINISTRATIVE AUDIT

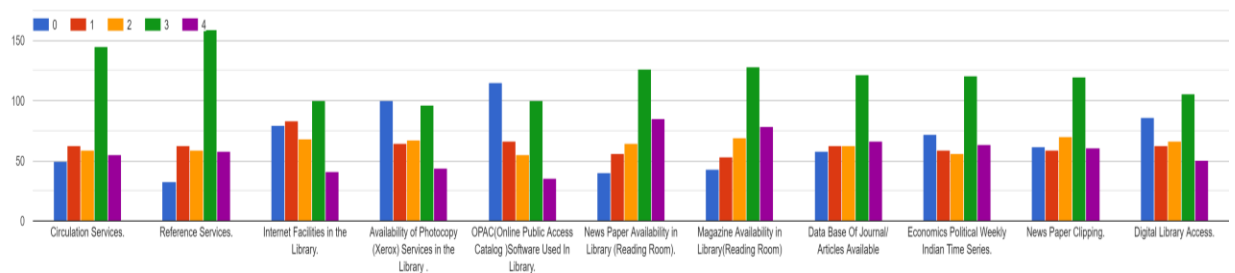
Year 2023-24

7. Reasons for not utilizing Library



- I do not know how to use to use Library
- I prefer to read in my Internet
- I don't get Library related Assignments from my Teachers
- There are not enough recent Books to read
- Poor e-Library facilities
- Because my friends do not prefer to go to Library

8. Satisfaction towards Library services



9. Least in the Satisfaction level.

Internet Facilities in the Library.

10. Students have less knowledge about the facility in the library

Availability of Photocopy (Xerox) Services in the Library

11. Overall satisfaction rate of the students.

1. Circulation Services.
2. Reference Services.



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12. Recommendations of the students for improvement

1. Tell the student to do not hide the books in the library
2. Improvement in accessing digital library easily and there should be more updates of last year question papers in it . Teachers should be more helpful in acknowledging the students about the better use of Library facilities in better ways.



Librarian
St. Aloysius College
Jabalpur (M.P.)

Seal & Signature of Chief Librarian



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2023-24

Number of Academic Support Staff (technical) and Administrative Staff sanctioned, filled and vacant:

S. No	Name of Staff	Designation	Qualification	Pay Scale
1	Mr. Saji Xavier	L.D.C.	M.Com. M.A. B. Lib.	28700-91300
2	Mr. Tejrao Soni	Book Lifter	B.Com.	19500-62000
3	Mrs. Jagrati Tiwari	Off. Asst.	M.COM	5200-20200
4	Mr. Santosh Chamkel	Off. Asst.	M.COM	5200-20200
5	Mr. Johan Lal Yadav	Lab. Tech.	BCA	5200-20200
6	Mr. Yusuf Khan	Off. Asst.	M.COM	5200-20200
7	Mrs. Mary Indra Norbert	Off. Asst.	MA.	5200-20200
8	Mr. Brian Clayton	Asst. Account.	BSC	5200-20200
9	Mrs. Martha Mathew	Off. Asst.	BA	5200-20200
10	Mr. Basant Namdeo	Off. Asst.	BA	5200-20200
11	Mr. Gagandeep S. Saggu	Off. Asst.	BCOM(CA)	5200-20200
12	Mr. Mohit Raxe	Off. Asst.	BCA	5200-20200
13	Mr. Vineeth M Menon	Off. Asst.	BA, DTS	5200-20200
14	Mr. Shiv Prasad Pandey	Lab. Att.	BA II YEAR	5200-20200
15	Mr. Rajendra Prasad	Lab. Att.	BA ITI	5200-20200
16	Mr. Anil Rajak	Peon	10th Pass	5200-20200
17	Mrs. Krishana Bai	Farrash	6th Pass	5200-20200
18	Mr. Mukesh Kumar	Lab. Att.	10th Pass	5200-20200
19	Mr. Suresh Kumar	Farrash	10th Pass	5200-20200
20	Mr. James. Joseph	Lab. Att.	10th Pass	5200-20200
21	Mr. Raju Fernandes	Peon	8th Pass	5200-20200
22	Mr. Jitendra Charles	Lab. Att.	8th Pass	5200-20200
23	Mr. Rajesh Khanojia	Lab. Att.	12th Pass	5200-20200
24	Mr. Abdul Anwar	Peon	12th Pass	5200-20200
25	Mr. Sandeep Jhariya	Driver	10th Pass	5200-20200
26	Mr. Jitendra Parihar	Peon	5th Pass	5200-20200
27	Mr. Sudesh Parwar	Lab. Att.	8th Pass	5200-20200
28	Mr. Chanda Bai	Farrash	5th Pass	5200-20200
29	Mr. Ashish Naigam	Peon	8th Pass	5200-20200
30	Mr. Pappu	Farrash	5th Pass	5200-20200
31	Mr. Manish Yadav	Lab. Att.	10th Pass	5200-20200
32	Mr. Ritesh Kumar	Peon	10th Pass	5200-20200
33	Mr. Manoj Sahu	Peon	10th Pass	5200-20200



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Year 2023-24

34	Mrs. Sharmila Lakra	Lab. Peon	B.A	5200-20200
35	Mrs. Rajeshwari	Gen. Main	12th pass	5200-20200
36	Mrs. Pooja	Maintenance	9th Pass	5200-20200
37	Mrs. Arti Matel	Maintenance	6th Pass	5200-20200
38	Mrs. Radha Gautam	Maintenance	7th Pass	5200-20200
40	Mrs. Alice D'Cruz	Lab Tec.	BA Pass	5200-20200
41	Mr. Sanjay Maravi	Exam Cell Peon	8 th Pass	5200-20200
42	Mr. Pascal Kujur	Lab Attn.	10 th Pass	5200-20200


Finance/Accounts Officer
St. Aloysius College (Auto.)
Jabalpur (M.P.) 482001

Seal & Signature

Date: 30/07/24



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