

ST. ALOYSIUS COLLEGE IQAC

ACADEMIC & ADMINISTRATIVE AUDIT REPORT



2022-23

"If four things are followed - having a great aim, acquiring knowledge, hard work, perseverance - and then anything can be achieved."

A P J Abdul Kalam



ST. ALOYSIUS COLLEGE
Jabalpur

ACADEMIC AND ADMINISTRATIVE AUDIT

1. Dr. Fr. Davis George (Chairman)
Director
St. Aloysius Institute of Technology
Jabalpur
2. Prof. Pendse
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Jabalpur
3. Dr. Smita Shrivastava
Principal
St. Aloysius Institute of Technology
Jabalpur

2022-23



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 10/11/2023.

The Audit Team comprised of the following external members:

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

Overall Assessment and Comments

Prior to the visit, the college submitted self-evaluative reports of each department which the audit team analyzed. The audit team visited the departments and interacted with faculty members. The academic and administrative audit report demonstrates the progressive trend of the college.

About the college

St. Aloysius' College, Jabalpur, is dedicated to maintaining its high academic standards. The college has updated its curriculum to align with the National Education Policy (NEP) 2020, focusing on skill development and hands-on learning. Faculty members are actively involved in research, publishing papers, and attending conferences. The college supports students with various programs, including scholarships and counseling. Beyond academics, the college excels in sports, NCC, NSS, and cultural events, winning many accolades. Additionally, the college is committed to social responsibility organizing various community service programs to help those in need.

Comments:

- St. Aloysius' College has showcased a commendable commitment to academic excellence, as reflected in their impressive pass percentages across both undergraduate and postgraduate programs.
- The college's alignment with the National Education Policy (NEP) 2020 and the revamping of the curriculum to fit the semester-based and annual implementation models is noteworthy.
- The emphasis on skill acquisition, vocational training, and the integration of elective courses in the academic programs is a forward-thinking approach.
- The establishment of a digital repository for seamless access to academic resources is a significant step towards modernizing the teaching-learning process.
- The college's dedication to faculty development, as evidenced by their participation in international conferences, research publications, and specialized training, is commendable.
- The institution's holistic approach to student development, encompassing academic, co-curricular, and extracurricular activities, is impressive.
- The college's endeavors in research, entrepreneurship, and social responsibilities highlight its commitment to innovation, community engagement, and societal impact.

Recommendations:

- The college could consider expanding its digital repository to include interactive learning modules and virtual labs to further enhance the online learning experience.
- Collaborative endeavors with international institutions could be increased to provide students and faculty with global exposure and opportunities for cross-cultural learning.
- The college might benefit from establishing a dedicated innovation and entrepreneurship cell to mentor and support budding entrepreneurs among the students.
- Given the emphasis on skill acquisition, the institution could consider partnering with industry experts to offer specialized workshops and training sessions in emerging fields.
- The college could explore opportunities to integrate technology and artificial intelligence into its pedagogical practices, assessment methodologies, and administrative processes for increased efficiency and effectiveness.

Academic and Administrative Audit of Department of Botany and Microbiology

The Department of Botany and Microbiology offers a range of courses focusing on employability, entrepreneurship, and skill development, including Applied Botany, Basic Botany, and Industrial Botany for B.Sc., and Biomolecules, Bioenergetics, Microbial Metabolism, Medical Microbiology, and Bioprocess Engineering for M.Sc. Microbiology. The department conducts various student enrichment programs such as workshops, special lectures, and hands-on training sessions on topics like fungal identification, vegetative propagation, and ethics for botanists. Teaching and learning reforms include the introduction of the NEP syllabus with innovative practical projects and internships under the DBT Star Scheme. Value-added courses such as Water Quality Monitoring and Mushroom Cultivation further enhance student skills. The department has established functional MoUs with Narmada Gelatin Factory and Jawaharlal Krishi Vishwavidyalaya. Research grants and projects include a DST STUTI-funded project on Analytical Techniques amounting to INR 4.41 lakhs. Faculty members have published their research in journals indexed in Scopus and Web of Science. Although there are no consultancy services reported, faculty members have participated in national seminars and workshops, served on various committees at university and state levels, and reviewed for international journals. Faculty achievements include receiving prizes for research paper presentations. Students have also received awards in various competitions and projects. The department organized workshops and seminars, including a week-long workshop on Analytical Techniques, and maintains a well-equipped departmental library with relevant books and journals.

Commendations

- Offers diverse courses focused on employability, entrepreneurship, and skill development.
- Conducts various student enrichment programs such as workshops and hands-on training sessions.
- Implements teaching and learning reforms, including the introduction of the NEP syllabus.
- Established functional MoUs with notable organizations.
- Successfully secured research grants and faculty have published in reputed journals.
- Organized well-received workshops and seminars.

Recommendations

- Expand consultancy services to leverage faculty expertise.
- Increase the number of international collaborations to enhance research opportunities.
- Introduce more interdisciplinary courses and programs.

Department of Political Science

The Department of Political Science emphasizes employability, entrepreneurship, and skill development through courses like Political Theory, Indian Constitution, Human Rights, and Research Methodology. Student enrichment programs feature guest lectures on Fundamental Rights, Human Rights, and Civil Society. Teaching and learning reforms involve case studies, micro-teaching, literature review, and interdisciplinary activities. Value-added courses include Human Rights and Right to Information. A functional MoU with Jesus & Mary College, New Delhi, facilitates online guest lectures. The examination system includes a Semester system for B.A. I Sem, Annual system for B.A. II and III years, and CBCS for M.A. Faculty members have published in UGC Care List journals and served as reviewers for international journals. Awards for teachers include cash prizes from the National Human Rights Commission. Students have been recognized with certificates and cash prizes in various competitions. The department organized a national seminar on the National Education Policy 2020, funded by ICSSR, and maintains a departmental library well-equipped with relevant books and journals.

Commendations

- Emphasizes employability, entrepreneurship, and skill development through diverse courses.
- Hosts guest lectures and interdisciplinary activities for student enrichment.
- Provides value-added courses with substantial student enrollment.
- Established MoUs for collaborative learning.
- Faculty achievements include publications and national recognitions.
- Organized a national seminar funded by ICSSR.

Recommendations

- Enhance digital resources and online learning modules.
- Increase engagement with policy-making bodies and NGOs for practical exposure.
- Develop more interdisciplinary courses involving law, economics, and sociology.

Department of Biotechnology

The Department of Biotechnology offers certificate courses in DNA Barcoding and Medical Diagnostics focusing on employability, entrepreneurship, and skill development. Student enrichment programs include expert talks and workshops on the genomic epidemiology of Monkeypox virus and bioinformatics. Teaching and learning reforms involve using a departmental blog for e-content and project-based learning. The department has established functional MoUs with ICAR - Directorate of Weed Research and Agadyati Herbs & Food Pvt. Ltd. Faculty members have published research in peer-reviewed journals and filed a patent. Consultancy services, such as training and mini-projects, generated INR 24,000. Faculty members have participated in national and international seminars and workshops and contributed to book chapters and edited volumes. Students have received awards in various competitions and projects. The department organized industrial visits and workshops for student training and maintains a well-equipped departmental library with relevant books and journals.

Commendations

- Offers certificate courses that enhance employability and skill development.
- Conducts expert talks and workshops on contemporary topics.
- Integrates ICT in teaching and project-based learning.
- Secured functional MoUs and filed a patent.
- Faculty and students have received numerous awards and recognitions.

Recommendations

- Expand industry collaborations for student internships and projects.
- Introduce more specialized courses in emerging fields of biotechnology.
- Encourage faculty to secure more research grants and publish in high-impact journals.

Department of Computer Science

The Department of Computer Science offers courses designed to enhance technical skills and employability, including courses in programming, data structures, and software development. Student enrichment programs include hackathons, coding competitions, and guest lectures on emerging technologies like AI and blockchain. Teaching and learning reforms include flipped classrooms and project-based learning. The department has established functional MoUs with IT

companies for internships and projects. Consultancy services have been provided to local businesses. Faculty members have participated in national and international conferences and served on technical committees and advisory boards. Students have won prizes in national coding competitions. The department has organized national-level coding bootcamps and workshops and maintains an extensive collection of computer science books and journals.

Commendations

- Provides courses enhancing technical skills and employability.
- Conducts enrichment programs like hackathons and coding competitions.
- Uses flipped classrooms and project-based learning.
- Established MoUs with IT companies for internships and projects.
- Faculty have published in high-impact journals and filed patents.

Recommendations

- Strengthen industry-academic partnerships to keep the curriculum up-to-date.
- Increase focus on emerging technologies like AI, ML, and cybersecurity.
- Enhance infrastructure with more advanced computing resources.

Department of Commerce

The Department of Commerce focuses on employability, entrepreneurship, and skill development through courses in Business Economics, Banking & Insurance, Data Processing Software, and Advertisement & Sales Promotion. Student enrichment programs include guest lectures, workshops, and seminars on various commerce-related topics. Teaching and learning reforms include the use of ICT-enabled pedagogy and experiential learning through projects and internships. Value-added courses include Certificate Programmes in Tourism and Travel Management, CPT-CA, GST, and Capital Market Investments. The department has functional MoUs with various industries and institutions for student internships and projects. Faculty members have published research in national and international journals, and the department maintains a well-equipped library with relevant books and journals.

Commendations

- Focuses on employability, entrepreneurship, and skill development through relevant courses.
- Organizes guest lectures, workshops, and seminars.

- Implements ICT-enabled pedagogy and experiential learning.
- Offers value-added courses and established MoUs for internships and projects.
- Faculty contributions include publications in national and international journals.

Recommendations

- Develop more industry-specific courses and certifications.
- Strengthen alumni networks to provide mentorship and career guidance.
- Introduce more experiential learning opportunities like live projects and simulations.

Department of History

The Department of History at St. Aloysius College, established in 1951, offers a range of courses focusing on employability, entrepreneurship, and skill development. These include "Idea of Bharat," "History of Ancient India from Early to 1205 AD," and "History of Modern India (from 1740 to 1947)" for undergraduate students. The curriculum incorporates field project work, internships, and community-based services, particularly for second-year B.A. students. Feedback from stakeholders is integrated into curriculum development, leading to the inclusion of relevant topics such as "Raj Shekhar and his Achievements" and "Contributions of Seth Govind Das in National Freedom Struggle Movement." The department emphasizes a structured academic approach with one teacher preparing and following the academic teaching plan. Bridge and remedial courses were offered. Value-added courses, such as "Indian History Chronology from Ancient India to Medieval India," have been introduced to further enhance student learning. Additionally, the department organizes enrichment programs like guest lectures, workshops, and seminars on historical topics, fostering a deeper understanding of the subject matter.

Commendations

- Offers courses focusing on employability and skill development.
- Incorporates field project work, internships, and community-based services.
- Actively integrates feedback into curriculum development.
- Organizes enrichment programs like guest lectures and seminars.
- Provides value-added courses to enhance student learning.

Recommendations

- Increase the use of digital archives and online resources.
- Encourage more student participation in historical research projects.

- Develop partnerships with museums and historical societies for practical exposure.

Department of Management

The Department of Management offers courses aimed at enhancing employability, entrepreneurship, and skill development. The curriculum includes subjects like Business Economics, Organizational Behavior, Marketing Management, and Financial Management. The department organizes various student enrichment programs such as guest lectures, workshops, and industry visits to provide practical exposure. Teaching and learning reforms include the use of ICT-enabled pedagogy and experiential learning through projects and internships. Value-added courses, such as Certificate Programmes in Tourism and Travel Management, CPT-CA, GST, and Capital Market Investments, are offered to equip students with additional skills. The department has established functional MoUs with various industries and institutions to facilitate student internships and projects. Faculty members are actively involved in research, publishing their work in national and international journals. The department maintains a well-equipped library with relevant books and journals, supporting the academic and research needs of students and faculty.

Commendations

- Offers a curriculum aimed at enhancing employability and skill development.
- Conducts student enrichment programs like industry visits and workshops.
- Uses ICT-enabled pedagogy and experiential learning.
- Established functional MoUs for internships and projects.
- Faculty actively engage in research and publish in reputed journals.

Recommendations

- Introduce more international case studies and global business perspectives in the curriculum.
- Enhance collaborations with business schools and industry leaders.
- Develop a robust system for tracking alumni success and leveraging it for current students.

Department of Mathematics

The Department of Mathematics, established in 1951, offers courses focused on employability, entrepreneurship, and skill development. The curriculum includes subjects such as Algebra, Calculus, Differential Equations, Advanced Calculus, Partial Differential Equations, Statistical

Methods, and Discrete Mathematics at the undergraduate level, and Functional Analysis, Number Theory, Topology, Programming in C and C++, and Mathematical Modeling at the postgraduate level. The department organizes various enrichment programs, including guest lectures, workshops, and seminars to provide students with practical exposure and a deeper understanding of mathematical concepts. Teaching and learning reforms include the use of ICT-enabled pedagogy and project-based learning. Faculty members are actively involved in research, publishing their work in national and international journals, and contributing to the academic community through participation in conferences and seminars.

Commendations:

- Conducts various enrichment programs including guest lectures, workshops, and seminars.
- Implements teaching and learning reforms with ICT-enabled pedagogy and project-based learning.
- Faculty actively participate in research and publish in national and international journals.

Recommendations:

- Expand the integration of advanced mathematical software and tools in the curriculum.
- Foster more interdisciplinary research and collaborations with other departments.
- Enhance the use of real-world applications and case studies in teaching.

Department of Physics

The Department of Physics, established in 1953, offers courses that enhance technical skills and employability, including subjects such as Mechanics, Electromagnetism, Optics, Thermodynamics, Quantum Mechanics, and Solid-State Physics. Student enrichment programs include guest lectures, workshops, and hands-on training sessions in advanced topics like Nanotechnology and Renewable Energy. Teaching and learning reforms include the introduction of laboratory experiments that complement theoretical knowledge and the integration of ICT tools in teaching. The department has established functional MoUs with institutions and industries for student internships and collaborative projects. Faculty members are engaged in research, and participate in national and international conferences. The departmental library is well-equipped with books, journals, and online resources, providing comprehensive support for academic and research activities.

Commendations:

- Provides courses that enhance technical skills and employability, including advanced topics like Nanotechnology and Renewable Energy.
- Conducts student enrichment programs such as guest lectures and hands-on training sessions.
- Integrates laboratory experiments that complement theoretical knowledge and ICT tools in teaching.
- Faculty engage in cutting-edge research and have filed several patents.

Recommendations:

- Strengthen industry collaborations for internships and research projects.
- Introduce more specialized courses in emerging fields of physics.
- Enhance infrastructure with more advanced laboratory equipment and resources.

Department of Chemistry

The Department of Chemistry, established in 1950, offers courses designed to develop skills in analytical and industrial chemistry, including Organic Chemistry, Inorganic Chemistry, Physical Chemistry, Environmental Chemistry, and Industrial Chemistry. Student enrichment programs feature guest lectures, workshops, and seminars on contemporary chemical research and industry practices. Teaching and learning reforms include the implementation of advanced laboratory techniques and ICT-enabled teaching methods. The department has functional MoUs with chemical industries and research labs, facilitating internships and collaborative research projects for students. The department has filed patents on innovative chemical processes and products, and faculty members offer consultancy services to local industries.

Commendations:

- Offers courses designed to develop skills in analytical and industrial chemistry.
- Conducts student enrichment programs featuring guest lectures and workshops.
- Implements advanced laboratory techniques and ICT-enabled teaching methods.
- Faculty contribute significantly to research and have filed patents on innovative chemical processes.

Recommendations:

- Increase industry partnerships for internships and collaborative research projects.
- Expand the curriculum to include more interdisciplinary courses.

- Enhance the digital resources and virtual lab facilities for chemistry students.

Department of Zoology

The Department of Zoology, established in 1998, offers undergraduate and postgraduate programs designed to enhance employability, entrepreneurship, and skill development. Notable courses include Human Diseases, Bee Keeping, Nutrition & Health, Wonders of Animal Diversity, Wild Life Conservation, Entomology, Applied Entomology, Environment & Biodiversity Conservation, Sericulture, Animal Biotechnology, and Pure and Applied Fisheries. The department emphasizes practical learning through activities such as guest lectures, workshops, and field visits. Students participated in a guest lecture on "Modern Trends of Animal Taxonomy" and a workshop on "Sericulture as Self Employment." Teaching and learning reforms include the integration of ICT-enabled pedagogy and experiential learning methods. The department also maintains a well-equipped library and laboratory facilities to support academic and research activities.

Commendations:

- Provides a variety of courses that enhance employability, entrepreneurship, and skill development.
- Emphasizes practical learning through activities such as guest lectures, workshops, and field visits.
- Faculty publish in high-impact journals and engage in various research projects.
- Maintains a well-equipped library and laboratory facilities.

Recommendations:

- Develop more specialized programs in emerging fields of zoology.
- Increase international collaborations for research and student exchange programs.
- Enhance the use of modern technology and tools in teaching and research.

Department of Hindi

The Department of Hindi offers courses that focus on enhancing language skills and literary appreciation. Key courses include Hindi Literature, Modern Hindi Poetry, and Prose. The department conducts various student enrichment programs such as literary workshops, seminars, and guest lectures to provide a comprehensive understanding of Hindi literature and language. The department has established functional MoUs with institutions for collaborative projects. The

department also organizes cultural and literary events to promote the Hindi language and literature among students.

Commendations:

- Offers courses that focus on enhancing language skills and literary appreciation.
- Conducts literary workshops, seminars, and guest lectures.
- Uses ICT tools and project-based learning to make the learning process engaging.
- Faculty actively publish research and contribute to national and international journals.

Recommendations:

- Expand digital resources for Hindi literature and language learning.
- Develop more interdisciplinary courses involving other languages and cultural studies.
- Increase collaborations with literary institutions and organizations for practical exposure.

Department of English

The Department of English, established in 1951, offers undergraduate and postgraduate programs with a strong emphasis on employability, entrepreneurship, and skill development. Prominent courses include American Literature, Indian Writings in English, Fundamentals of Communication, and Trends and Techniques of Effective Communication. The department organizes various student enrichment programs such as workshops on editing and proofreading, guest lectures by eminent scholars, and public speaking sessions. Teaching and learning reforms include the use of ICT-enabled pedagogy, project-based learning, and experiential learning methods. The department has established functional MoUs with Digvijay Singh College for collaborative activities. The department maintains a well-equipped library and language lab to support academic and research activities.

Commendations:

- Offers undergraduate and postgraduate programs with a strong emphasis on employability and skill development.
- Conducts workshops on editing and proofreading, guest lectures, and public speaking sessions.
- Implements ICT-enabled pedagogy, project-based learning, and experiential learning methods.
- Faculty engage in research, publish in reputable journals, and participate in conferences.

Recommendations:

- Expand the curriculum to include more contemporary and global literary studies.
- Increase industry partnerships for internships and practical training.
- Enhance the digital resources and online learning modules for English literature and language.

Department of Economics

The Department of Economics, established in 1951, offers courses aimed at developing analytical and research skills, including Microeconomics, Indian Economy, Money Banking and Public Finance, Agricultural Economics, and Rural Development. The department emphasizes practical learning through fieldwork, internships, and community services like, B.A. students engage in field surveys and project work as part of their curriculum. Teaching and learning reforms include the integration of ICT tools and experiential learning methods. The department offers value-added courses such as a Certificate Program in Export Import Management and Statistical Inferences and Research Methodology for M.A. students. The department maintains a strong focus on employability and skill development, preparing students for various competitive exams and higher studies.

Commendations:

- Offers courses aimed at developing analytical and research skills.
- Emphasizes practical learning through fieldwork, internships, and community services.
- Integrates ICT tools and experiential learning methods in teaching.
- Faculty contribute to research and publish in national and international journals.

Recommendations:

- Expand industry and governmental collaborations for practical exposure and research projects.
- Introduce more specialized courses in emerging economic fields.
- Enhance the use of data analytics and econometric tools in the curriculum.

Examination Cell Report

The Examination Cell at St. Aloysius College conducts a comprehensive audit of examination processes to ensure transparency, fairness, and adherence to best practices. The audit encompasses

all aspects of examination management, including planning, scheduling, question paper setting, conduct, evaluation, result publication, record-keeping, and continuous improvement measures. The staff profile includes a Controller of Examination, Deputy Controller of Examination, office assistants, and maintenance staff. The exam cell comprises are equipped with computers, printers, duplicators, Xerox machines, and examination software.

Statutory examination bodies involved include the Academic Council, Board of Studies, Exam Committee, Moderation Committee, Result Committee, Committee for Review of Answer Books, UFM Committee, and Degree Committee. The examination pattern varies across programs, with a semester system and grading system for undergraduate programs and a yearly marking system for postgraduate programs. Examination reforms include the implementation of a semester pattern for U.G. NEP and registration in NAD Digi Locker for uploading student mark sheets.

Key audit criteria include well-structured examination planning and scheduling, question paper setting and moderation by subject experts, strict confidentiality policies, robust examination conduct and security measures, standardized evaluation and grading systems, timely result publication and feedback mechanisms, grievance redressal and appeals processes, secure record-keeping and data security, and continuous improvement through feedback and internal audits.

Commendations:

- Demonstrates a commendable commitment to ensuring transparency, fairness, and adherence to best practices in all examination processes.
- Comprehensive infrastructure and well-defined roles within the cell facilitate smooth functioning and maintain high standards.
- Successful implementation of a semester pattern for U.G. NEP and registration in NAD Digi Locker for uploading student mark sheets.

Recommendations:

- Integrate advanced technology, such as AI for exam proctoring, to further enhance the fairness and efficiency of the examination process.
- Establish a robust question bank for each department, updated annually, to support continuous improvement in the examination process.
- Encourage faculty to participate in professional development programs related to examination management to strengthen the cell's capabilities.

Sports and Fitness Center Report

The Sports and Fitness Center at St. Aloysius College is managed by a dedicated Sports Officer and an Assistant Professor, supported by a sports committee. The infrastructure includes separate gym facilities for men and women, equipped with multi-gym stations, treadmills, cycles, twisters, dumbbells, barbells, and massagers. The center also features a basketball court, football ground, volleyball ground, handball court, table tennis hall, badminton hall, track and field facilities, and a kabaddi ground.

Students have achieved significant success in sports, with notable achievements such as Muskan Kirar winning a gold medal in the Taipei Archery Open Tournament and other students excelling in various national and international competitions. The college teams have also performed commendably in intercollegiate tournaments, reflecting the institution's commitment to promoting sports and physical fitness.

Commendations:

- Offers extensive facilities, including separate gyms for men and women, and various courts and fields for multiple sports.
- Significant student achievements in national and international sports competitions reflect the institution's commitment to promoting physical fitness.
- The sports infrastructure and dedicated management enhance the overall sports culture at the college.

Recommendations:

- Expand the range of fitness programs to include more modern and diverse activities, such as yoga, pilates, and Zumba.
- Establish partnerships with local sports clubs and organizations to provide students with additional opportunities for training and competition.
- Increase the availability of sports scholarships to further incentivize student athletes and enhance the college's sports culture.

Library Report

The College Central Library at St. Aloysius College is staffed by a qualified librarian and an assistant librarian, supported by a library committee. The library boasts a collection of 84,648 volumes of books, 32,448 titles, 3,339 book bank books, 121 journals and magazines, 264,254 e-

books through resources like INFLIBNET and DELNET, 802 CDs and DVDs, 2,346 back volumes, and 17 newspapers.

The library services include new arrivals display, newspaper clipping, print journal service, orientation programs for students and staff, technical sessions, open access to the stack area, online public access catalog, automated library with bar-coding, digital library with 36 PCs, issue-return (circulation service), book bank for SC/ST and underprivileged students, scanning, printing, reprography, reference services, reading hall, Wi-Fi connectivity, and question paper services.

Student satisfaction surveys indicate high overall satisfaction with library services, though recommendations for improvement include arranging fans in the stack area and providing separate seating for girls and boys.

Commendations:

- Well-equipped with a vast collection of books, journals, e-books, and other resources.
- Comprehensive services such as new arrivals display, online public access catalog, digital library, and automated library system enhance the user experience.
- High overall satisfaction from students, indicating effective library management and services.

Recommendations:

- Expand the digital repository to include interactive learning modules and virtual labs to further enhance the online learning experience for students.
- Introduce RFID technology in the library to streamline book borrowing and returning processes, improving overall efficiency.
- Regularly update the collection with the latest books and standard journals, especially in emerging fields, to ensure access to current and relevant information.

Design and Innovation Center Report

The Design and Innovation Center at St. Aloysius College focuses on fostering creativity and innovation among students and faculty. It provides state-of-the-art facilities and resources for designing, prototyping, and testing new ideas and projects. The center offers various programs and workshops on design thinking, innovation management, and entrepreneurship, encouraging participants to develop innovative solutions to real-world problems.

The center has established collaborations with industry partners and research institutions to facilitate knowledge exchange and practical experience. It also supports student-led projects and startups through mentorship, funding, and access to advanced tools and technologies. The center's activities are aligned with the institution's mission to promote interdisciplinary learning and prepare students for future challenges in their professional careers.

Commendations:

- Fosters creativity and innovation among students and faculty with state-of-the-art facilities and resources.
- Offers programs and workshops on design thinking, innovation management, and entrepreneurship.
- Established collaborations with industry partners and research institutions facilitate knowledge exchange and practical experience.

Recommendations:

- Establish a dedicated innovation and entrepreneurship cell within the center to provide more structured support for budding entrepreneurs among the students.
- Increase collaborative endeavors with international institutions to offer students and faculty global exposure and opportunities for cross-cultural learning.
- Integrate technology and artificial intelligence into the center's practices, including virtual prototyping and simulation, to further enhance the center's capabilities and impact.

Academic and Administrative Audit

St. Aloysius ' (Autonomous) College, Jabalpur, remains steadfast in its commitment to uphold its distinguished legacy of academic excellence. This commitment is manifested through the meticulous integration of quality -driven initiatives spanning curriculum design, innovative pedagogical practices, an enriched learning ecosystem, and rigorous assessment methodologies. The academic calendar commenced with the initiation of UG II and III year, along with PG III semester classes on July 11th, followed by the launch of UG I semester and PG I semester classes on August 1st. The academic rigor and dedication were reflected in the outstanding results announced in July. The Undergraduate programs, including B. A, B.Sc., B.C.A, B.B.A, B.Com, and B.Com (Hons.), reported impressive pass percentages of 98.75%, 90.02%, 95.83%, 96.24%, 98.15%, and 96% respectively . Similarly, the Postgraduate programs, encompassing M.A, M.Sc., and M.Com IV semester, achieved a commendable pass rate of 98.13%.

- **Curricular Adaptations and Enhancements:** In alignment with the National Education Policy (NEP) 2020, the curriculum for the first and second semesters has been meticulously revamped to adhere to the semester-based implementation model. Concurrently, the second-year programs have been tailored to fit NEP 2020's annual implementation paradigm. Each academic program is enriched with a diverse array of elective courses, emphasizing skill acquisition and vocational training. Collaborative endeavors, as evidenced by numerous MoUs with organizations, bolster internship and project opportunities. The curriculum is intricately woven with multifaceted activities aimed at bolstering employability, fostering entrepreneurial spirit, and honing skills.
- **Pedagogical Innovations and Assessment:** The teaching-learning process is infused with skill-centric and hands-on experiential activities. A digital repository, housing learning materials and lecture videos, ensures seamless access to academic resources. The evaluation mechanisms have been refined in congruence with the directives of NEP 2020.
- **Holistic Student Support Mechanisms:** The institution prioritizes a conducive academic ambiance. Initiatives include bridge courses for seamless academic integration of newcomers, targeted remedial sessions, and enriched tasks for advanced learners. Personalized counseling ensures students' well-being, while the placement cell and research-focused central instrumentation center further their academic and career prospects. The Value-Added Center enhances linguistic, analytical, and presentation skills. Demonstrating commitment to inclusivity, 773 students were beneficiaries of state-sponsored scholarships, while an additional 163 students were supported through the Aloysius Student Aid Fund and 2 two are recipients of


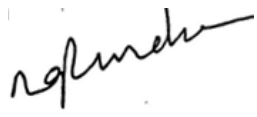

international scholarships.

- **Faculty Advancement Initiatives:** This academic session, St. Aloysius College prioritized faculty development, with members attending 39 international and 45 national conferences, and presenting 45 research papers. Their scholarly output was commendable, with publications in Scopus Index, UGC Care List, and refereed journals, along with 65 book chapters. Fourteen Faculty Development Programmes were attended. 3 faculty members completed a certificate course on "Adaptive Design for Learning" at Ateneo SALT Institute, Philippines. Additionally, faculty undertook specialized training: a course on "Service-Learning in Asia" focusing on SDG 6, a fellowship at Sophia University, Tokyo, and a management training at Ateneo De Davao University, Philippines, reflecting the college's commitment to global academic excellence.
- **Academic Seminars and Workshops:** The institution consistently facilitates seminars and conferences to foster faculty development. In November 2022, the Botany Department held a week-long workshop on Analytical Techniques, partnering with IIT Gandhinagar and funded by DST's STUTI scheme. The Zoology Department, in January 2023, conducted a workshop emphasizing 'Sericulture as Self-employment', collaborating with Madhya Pradesh's rural industries department. Concurrently, the Political Science Department hosted a seminar on the transformative potential of the "National Education Policy 2020", sponsored by ICSSR. Additionally, the Hindi Department organized a seminar in March 2023, delving into literary themes, also backed by ICSSR.
- **Sports, NCC, NSS, and Cultural Excellence:** St. Aloysius College has consistently showcased excellence not only academically but also in diverse arenas such as sports, NCC, NSS, and cultural activities. Falguni Ghansela's triumph in the National Level Youth Festival 2023 and Ishita Vishwakarma's Lata Mangeshkar Memorial Award are testaments to our students' unparalleled talents. In the NCC domain, five cadets marked their presence at the RDC Camp 2023, with Senior Cadet Captain Ishika Gurjar clinching the 3rd position in the All India Best Cadet Competition. Our sports representatives, including Muskan Kirar and Ragini Marko, have shone on international platforms, while others have made their mark in national competitions. Furthermore, our college teams have displayed commendable performances in intercollegiate tournaments. On the cultural front, our students have secured top positions in various university-organized events, reflecting the holistic development the college promotes.
- **Co-Curricular Festivities:** A spectrum of co-curricular fests was designed to foster diverse learning and engagement among students. "Vigyanam Garjana," initiated by the Biotechnology Department, sparked scientific curiosity. The Commerce Department insightfully navigated

through varied Indian business paradigms during the "Bharat Business Conclave." "Meraki," orchestrated by the Management and Computer Science Departments, offered a vibrant array of events, from "Quizzard" to "Snap My Life." Commemorating Netaji Subhas Chandra Bose's 127th birth anniversary, an enlightening Intercollegiate Bharat Quiz was conducted. Furthermore, March 2023 witnessed the Computer Science Department championing technological innovation through the National Software Development Championship.

- **College's Endeavors in Research and Entrepreneurship:** Our College has been active in research, with faculty publishing several research papers and six notable books this year. The faculty members are recipient of major and minor research projects sponsored by ICSSR. To foster entrepreneurship, the institution held workshops on product development and business pitching the collaboration with MSME offered students insights into sustainable practices and available funding opportunities. This emphasis on innovation led to the creation of two startups, DropX Alliance and Booksreviewer.in, and the development of innovative products like a CPU cooling fan and a sugar-free alternative named INJIYA.
- **Institutional social responsibilities:** The College has been at the forefront to extend a helping hand to the needy and marginalized. The College organized programmes like thalassemia, health & hygiene, sanitization and environmental awareness, e-waste management, educational programme on vedic maths, helmet awareness drive, nukkad natika, plantation drive, celebration of social justice day etc.

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 / 11 / 2023

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



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



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2022-23

ACADEMIC AUDIT

- 1. Name of the Department:** Department of 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.	I Semester	Applied Botany
B.Sc.	II Semester	Basic Botany
B.Sc.	II year	Industrial Botany
M.Sc. Microbiology	I Semester	<ul style="list-style-type: none">• Biomolecules• Bioenergetics and Intermediary Metabolism
M.Sc. Microbiology	II Semester	<ul style="list-style-type: none">• Biology of The Immune System• Microbial Metabolism
M.Sc. Microbiology	III Semester	<ul style="list-style-type: none">• Bioprocess Engineering and Technology• Biotechnology

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

Program	Year /sem	Course	Activity
M.Sc.	I Sem	Bacteriology	Practical- Crowded plate technique to check antibiotic potential of action my cetes. (Skill Development)
M.Sc.	I Sem	Virology	Practical: Candling technique to visualize fertilized egg. (Skill Development)
M.Sc.	I Sem	Mycology	Unit 5: Significant Fungal Metabolites - Practical: Preparation and study of slide culture of fungi Practical: Collection and study of fungal infected plant parts (Skill Development)
M.Sc.	I Sem	Biomolecules	Practical: Demonstration of Gel electrophoresis. (Skill Development)
M.Sc.	II Sem	Biostatistics	Practical: Application of one way ANOVA on percentage seed germination in laboratory (Skill Development)
M.Sc.	II Sem	Microbial Metabolism	Practical: Bacterial growth curve. Practical: Isolation of prototrophs Practical: Optimization of carbon source for growth of selected microbe (Skill Development)
M.Sc.	III Sem	Medical Microbiology	Practical: To prepare haemin crystals (Skill Development)
M.Sc.	III Sem	Bioprocess	Unit 2: Lyophilization, Sonication -



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		Engineering and Technology	Practical : Comparative study of growth of microbial cultures in defined media and raw material containing fermentation media (Skill Development)
B.Sc.	I Semester	IMB Major 1	Practical: Demonstration of Motic software for microscope
B.Sc.	II Semester	IMB Major 2	Practical: Measurement of fungal growth
B.Sc.	III Year	IMB I	Solid State Fermentation for production of fungal isolates (Employability) – Activity:
B.Sc.	III Year	Botany I	Practical: Development of Hydroponic system (Entrepreneurship)
B.Sc.	III Year	Botany II	Practical: Microscopic studies under fluorescent microscope (Skill Development)

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

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

1. Feedback report: YES

Suggestions were given by the subject experts and industrialist according to which the topics of recent interests like industrially important algae, Recent tools in Microbiology, Applications of Fermentation technology etc. were proposed for theory syllabus as well as practical.

2. Action Taken report: YES

As per the suggestions of experts following additions were done in the theory syllabi: Eminent women microbiologists, Genetically Modified Organisms, Agroforestry, Blue Green Algae etc. and innovations in practical were also included as follows Solid State Fermentation for production of fungal isolates, Demonstration of Motic software for microscope, Demonstration of Gel electrophoresis. Demonstration of anaerobic fermentation from waste material etc.

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

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

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
B.Sc. I Sem	IMB Major/ Minor/ Elective	IMB	Mrs. Roshni Choubey Topic- Reference books, Scope and importance of Microbiology Dr. Femina Sobin Topic – Introduction to Micro organisms	15
	Botany	Botany	Dr. Sonali Nigam Topic- Ethnobotany and Applications of Plants Dr. Mamta Gokhale Topic- Microscopy, Fungi	25



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M.Sc. I Sem	Virology	Microbiology	Dr. Femina Sobin Topic – A Brief Introduction to Viruses and Virology	11
	Bacteriology	Microbiology	Mrs. Roshni Choubey Topic – Introduction to 'Journals and reference books	11
	Mycology	Microbiology	Dr. Mamta Gokhale Topic – Lab Instruments	11
	Biomolecules	Microbiology	Dr. Durga Ray Topic – Use of softwares in Microbiology	11

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
B.Sc	I / II sem	Tools and techniques in Industrial Microbiology	IMB	Mrs. Roshni Choubey	4
	II Year	Industrial Microbiology Paper 1	Industrial Microbiology	Dr. Femina Sobin	6
	II year	Botany Industrial Botany	Botany	Dr. Zareen Baksh	8
M.Sc.	I sem	Virology	Microbiology	Dr. Femina Sobin	7
	II sem	Molecular Biology and rDNA Technology	Microbiology	Dr. Femina Sobin	6
	III sem	Medical Microbiology	Microbiology	Dr. Femina Sobin	8

f. List the methods for conducting Internal evaluation?

Midterm examination, Assignment, Quiz, Report writing, Power point presentation, field work, charts 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
Workshop: Vegetative Propagation Lecture (Day 1)	Dr. Reena Nair, Assistant Professor, Department of Horticulture, Jawaharlal Nehru Krishi Vishwavidyalaya.	23/ 02/ 23	38 students and 3
Visit to Jawaharlal Nehru Krishi Vishwavidyalaya (Day 2)	Dr. Anita Babbar, Head, Department of Plant Breeding and Genetics	24/02/23	
	Dr. Jyoti Kujur, Senior Research Fellow, Jawaharlal Nehru	24/02/23	



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	Krishi Vishwavidyalaya.		teachers
	Dr. Rehan Azmi, Research Fellow, Jawaharlal Nehru Krishi Vishwavidyalaya.	24/02/23	
Guest Lecture: Ethics for Botanists and Microbiologists	Dr. Sapna Rai, Assistant. Professor, Department of Botany, Government College Harrai, Chhindwara (M.P.)	10/09/22	47
Hands on training on fungal identification	Dr. Rohit Sharma, SAGE University, Bhopal	30/01/23	80

h. Teaching and learning reforms:

NEP syllabus was introduced in B.Sc. III and IV sem and III year Botany and Industrial Microbiology. Innovative practical, Projects and Internships were conducted. Under DBT Star Scheme. Innovative practical and projects were also incorporated in the syllabi of B.Sc. I / II sem, III / IV sem and III year in subjects Botany and Industrial Microbiology.

i. Internal Assessment reforms:

CCE modes like quiz, assignment, mind mapping and preparation of roller charts, Report writing, field work.

j. Best practices in Teaching and learning:

Student centric approach like group discussions, Think-Pair-Share (TPS), Resource unit method, Visits to industries, organizations, etc., Expert lectures.

k. Details of Value added courses:

S.no	Name of the course	Frequency	No. of students admitted	No. of students completed successfully
1	Water Quality Monitoring	01	22	22
2	Mushroom Cultivation	01	18	15

k. Details of Functional MoUs'

S. No	Name of the Institution	Activities organized	No. of students participated
1	Narmada Gelatin Factory	Internship	4
		Industrial visit	38
2	Jawaharlal Krishi Vishwavidyalaya, Jabalpur	Workshop: Vegetative Propagation	
		Industrial visit	38
		Guest lecture	38



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

Number of Teachers	Sanctioned	Filled
06	06	06

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

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

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
B.Sc. II year	Narmada Gelatin Factory	Internship
B.Sc. Industrial Microbiology	Jawaharlal Nehru Krishi Vishwavidyalaya,	Industrial visit
M.Sc. - Microbiology	Mukund Biotech Pvt. Ltd.	
Certificate course in Water Quality Monitoring	Narmada Gelatin Factory	Industrial visit
M.Sc. IV sem Dissertation	RDVV, JBP; AKS univ. Satna, BHU, Varanasi, NCL, Lucknow	Research work

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

Programme	Examination System
B.Sc. III year	Annual system
B.Sc. II year	Annual system NEP
B.Sc. I-II semester	Semester system NEP / Choice Based Credit System
M.Sc. I-IV semester	Choice Based Credit System



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

S. No	Name of the Principle Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
1	Dr. Sonali Nigam	National workshop on Analytical Techniques	DST STUTI	Rs. 4.41	Target was faculty of higher education institution as well as the research scholars throughout the country for utilizing DST FIST instruments

9. Research Publications

Name of Teacher	Details of Papers published in peer reviewed journals (UGC / Scopus)
Dr. Sonali Nigam	Synthesis of Chitosan-based Nanoparticles from Plant Extract of Clitoria ternatea and Study of their Antibacterial Activity. Int. J. Pharm. Sci. Rev. Res.2022, 0976 – 044X https://globalresearchonline.net/journalcontents/v73-2/28.pdf
Dr. Femina Sobin	COVID-19: Challenges and Management, Fighting COVID: Post COVID care strategies, 20,Shree Vinayak Publication, Agra, PP:271-278
Dr.Mamta Gokhale	<ul style="list-style-type: none"> Mamta Gokhale, Rumana Faraz, Isha Deshpande, Ashish Garg (2022) Isolation of Bio-molecule Baicalein (5,6, 7- Trihydroxyflavone) from root of Oroxyllum indicum L. Vent & its prospective interaction with COVID-19 Viral S- Protein Receptor Binding Domain. Res J Pharm Tech (Scopus Index) 15(11): 5050-6. Khanna A. Mukharjee M, Kachi M., Gautam D.S., Gokhale M., Aglave V., Prajapati A. (2022) Toxicity of Imidacloprid on peripheral blood lymphocyte by MTT assay and the ameliorative effect of extract of Tinospora cordifolia (Giloy) extract. International J Ayurvedic Medicine 13(2): 451-56. (Web of Science, 1.56) Faraz R, Gokhale M, Gothwal R (2023) Enhancement in production of baicalein,through transformation of Oroxyllum indicum (L) Vent by Rhizobium rhizogenes. Vegetos, Springer
Dr. Zareen Baksh	<ul style="list-style-type: none"> A Case Study of Medicinal Plant Conservation in the Jabalpur District, India. J. Plantarum, 4(2): 26-36 Baksh Zareen, Ansari Mohd Kafeel Ahmad,2022. Influence and Relationship of Peer Pressure with Meta-Cognition. "Gradiva Review Journal" An UGC-CARE Approved Group-II Journal ISSN No:0363-8057,Paper Id: GRJ/4572,pp 107-115, Vol 9, Issue 1, January 2023. Effect of Hybrid Learning Model on Academic Achievement Of Students. Strad Research, An UGC-CARE and Web of Science Journal, ISSN NO: 0039-2049,Scientific Journal Impact Factor – 6.1 Paper ID SR-4661,pp 270-281,VOLUME 10, ISSUE 2, Feb 2023.
Dr. Durga Ray	<ol style="list-style-type: none"> Durga Ray, Uttpal Anand, Niraj Kumar Jha, Ewa Korzeniewska, Elza Bontempi, Jaraslaw Prockow and Abhijit Dey. The soil bacterium, Corynebacterium glutamicum, from biosynthesis of value-added products to bioremediation: A master of many trades. Environmental Research. 13; 113622. https://doi.org/10.1016/j.envres.2022.113622 Samapika Nandy, Saynati Mandal, Santosh Kumar Gupta, Uttpal Anand, Mimosa Ghorai, Puja Ray, Sicon Mitra, Durga Ray et al. Role of Polyamines in Molecular Regulation and Cross-Talks Against Drought Tolerance in Plants. J Plant Growth Regul (2022). https://doi.org/10.1007/s00344-022-10802-2 .



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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
	SCOPUS -05	53.6%	3%	1.56-10.10

11. Chapter in Books

Author Name	Name of Book	ISBN
Choubey Roshni and Dhakore Ruchira (2022), Herbal immunity booster: Positive and Negative aspects, In: 30, PP:394- 419.	COVID-19: Challenges and Management, Shree Vinayak Publication	978-93-91267-59-9.
Mamta Gokhale & Isha Deshpande. Oroxyllum Indicum: from Utilization & Exploitation to Preservation. IN: Pages: 28-41,	Biodiversity and Sustainable Resource Management (Basic to Research) Ed: Dr. Debabrata Das (2022) Bharat Publications, New Delhi (India),	ISBN: 978-93-91681-28-9.
Gokhale M, Faraz R and Koul G. Biofertilizers for sustainable Agriculture In:	Fundamentals of Agriculture and crop production (Research and Applied)	ISBN:978-93-94779-73-0 (2022).
Sobin, Femina, Fighting COVID: Post COVID care strategies, 20,	COVID-19: Challenges and Management, Fighting COVID: Post COVID care strategies, 20,Shree Vinayak Publication, Agra, PP:271-278	ISBN:978-93-91267-59-10

12. Edited Books

Author Name	Name of Book	ISBN
-	-	-

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
-	-	-	-



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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. Sonali Nigam	<ul style="list-style-type: none">National seminar on "National Education Policy, 2020 and its implementation vision and Challenges Tagore Government Arts and Science College, Puducherry, Organized by ICSSR, 17.03.23- 18.03.23.National Workshop on Analytical Techniques, DST STUTI, 21-27th November 2022
2	Dr. Femina Sobin	National Workshop on Analytical Techniques, DST STUTI, 21-27th November 2022
3	Mrs Roshni Choubey	

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

Activity (please mention the number only)	National	International
Refresher	1	-
Orientation	-	-
Seminar/Conference	14	7
Workshop/FDP/Training Programme	5	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)

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

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. Sonali Nigam	-	Reviewer in International Journal of Plant and soil science
Mrs. Roshni Choubey	Certificate of Excellence	International (03) <ul style="list-style-type: none">"Certificate of Excellence" for paper reviewer by International Journal of Pathogen Research (Certificate no. Certificate No: SDI/HQ/PR/Cert/94567/ROS).



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		<ul style="list-style-type: none">“Certificate of Excellence” for paper reviewer by International Journal of Plant and Soil Science (Certificate no. SDI/HQ/PR/Cert/90712/ROS).“Certificate of Excellence” for paper reviewer by International Journal of Plant and Soil Science (Certificate no. SDI/HQ/PR/Cert/89045/ROS).
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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
Mrs. Roshni Choubey	First prize in Research paper (Poster) presentation.	National workshop on basic techniques in Medical Mycology: Tools and Techniques organized on 05-09 Dec 2022 by Govt. Model Science College 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	Anushka Mishra (B.Sc III year IMB)	First prize in Poster presentation	Govt. Model Science College Jabalpur.
2	Harsh wardhan Singh (B.Sc III year IMB)	Cash prize (Rs. 1000) and Certificate of appreciation for less water agriculture project	Aventura Technologies LLP Mumbai
3	Anushka Mishra (B.Sc III year IMB)	Cash prize (Rs. 1000) and Certificate of appreciation for less water agriculture project	Aventura Technologies LLP Mumbai
4	Anushka Mishra (B.Sc III year IMB)	Star student of the week	Global Education Society, SCITECH training centre , PUNE

Co-curricular:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies
1.	<ul style="list-style-type: none">Anam FatimaCindrella Samson	Painting (Science in 2047)	Jigyasa (National workshop for Science awareness)

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	Seven days conference on analytical techniques	DST STUTI	31	National	21-27 Nov. 2022



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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	IMB	20	12	08	-	66.66 %

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	IMB	14	13	1	-	92.30

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	IMB	26	25	1	-	96.15%

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Microbiology	12	11	1	-	91.6 %

PG Second semester

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

PG Third semester

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

PG Fourth semester



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

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

Plan	Implementation
To Strengthen the teaching learning practice	Different Innovative teaching methods ,Think Pair Share, resource unit, Seminar, Heuristic method
To Upgrade the quality of teaching	Certificate courses on recent trends : Water Quality monitoring Mushroom Cultivation
	Regular revision in the existing courses (Capsule courses) In the month of November for semester and February for annual scheme during which the difficult topics were taught as well as the queries were resolved.
	Innovations in practical Demonstration of Motoc software for microscope , Measurement of fungal growth, Microscopic studies under fluorescent microscope, Collection and study of fungal infected plant parts, Optimization of carbon source for growth of selected microbe etc.
	Student centric projects: Lignocellulosic waste management for biofuel production. Preparation of Fermented food (kimichi, Pickled Vegetables, Fermented Juice), Generation DNA barcodes for Medicinal plants, Screening of novel probiotic microorganism from various dairy products, Study and isolation of pseudomonas from fields.etc.
	Feedback and upgrading syllabi: Report mentioned above
	Faculty's participation and presentation in national, international seminar, webinar, conferences etc. Total 34
To promote industry-institution collaboration	Internships and projects undertaken by UG students for industrial exposure: Narmada Gelatine factory, Jai Ma Durga enterprises Cocacola Pvt. Ltd., Malti Ice cream industries.
To Expand departmental research collaboration with national organizations	PG Dissertations at National Institutes like ICMR, NCL, NEERI, BHU.



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Faculty and student publication in reputed journals / Books

Book chapters as well as papers published
Synthesis of Chitosan-based Nanoparticles from Plant Extract of *Clitoria ternatea* and Study of their Antibacterial Activity. *Int. J. Pharm. Sci. Rev. Res.*2022,0976 – 044X

COVID-19: Challenges and Management, Fighting COVID: Post COVID care strategies, 20, Shree Vinayak Publication, Agra, PP:271-278

Mamta Gokhale, Rumana Faraz, Isha Deshpande, Ashish Garg (2022) Isolation of Bio-molecule Baicalein (5,6, 7- Trihydroxyflavone) from root of *Oroxylum indicum* L. Vent & its prospective interaction with COVID-19 Viral S- Protein Receptor Binding Domain. *Res J Pharm Tech (Scopus Index)* 15(11): 5050-6.

Khanna A. Mukharjee M, Kachi M., Gautam D.S., Gokhale M., Aglave V., Prajapati A. (2022) Toxicity of Imidacloprid on peripheral blood lymphocyte by MTT assay and the ameliorative effect of extract of *Tinospora cordifolia* (Giloy) extract. *International J Ayurvedic Medicine* 13(2): 451-56. (Web of Science, 1.56)

Faraz R, Gokhale M, Gothwal R (2023) Enhancement in production of baicalein, through transformation of *Oroxylum indicum* (L) Vent by *Rhizobium rhizogenes*. *Vegetos, Springer*

A Case Study of Medicinal Plant Conservation in the Jabalpur District, India. *J. Plantarum*, 4(2): 26-36
Baksh Zareen, Ansari Mohd Kafeel Ahmad, 2022.

Influence and Relationship of Peer Pressure with Meta-Cognition. "Gradiva Review Journal" An UGC-CARE Approved Group-II Journal ISSN No:0363-8057, Paper Id: GRJ/4572, pp 107-115, Vol 9, Issue 1, January 2023.

Effect of Hybrid Learning Model on Academic Achievement Of Students. *Strad Research, An UGC-CARE and Web of Science Journal*, ISSN NO: 0039-2049, Scientific Journal Impact Factor – 6.1 Paper ID SR-4661, pp 270-281, VOLUME 10, ISSUE 2, Feb 2023.

Durga Ray, Uttpal Anand, Niraj Kumar Jha, Ewa



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	<p>Korzeniewska, Elza Bontempi, Jaraslaw Prockow and Abhijit Dey. The soil bacterium, <i>Corynebacterium glutamicum</i>, from biosynthesis of value-added products to bioremediation: A master of many trades. <i>Environmental Research</i>. 13; 113622. https://doi.org/10.1016/j.envres.2022.113622</p> <p>Samapika Nandy, Saynati Mandal, Santosh Kumar Gupta, Utpal Anand, Mimosa Ghorai, Puja Ray, Sicon Mitra, Durga Ray et al. Role of Polyamines in Molecular Regulation and Cross-Talks Against Drought Tolerance in Plants. <i>J Plant Growth Regul</i> (2022). https://doi.org/10.1007/s00344-022-10802-2.</p>
Social responsibility	Outreach and co-curricular activities, Plantation Science day celebration, Earth day celebration,

26. SWOC Analysis:

STRENGTH	<ul style="list-style-type: none"> • Research Publication with UG/PG students • Faculty as research co-guide. • Well-equipped lab with internet facility • Experienced faculty • Departmental library • In-house PG dissertations
WEAKNESS	<ul style="list-style-type: none"> • Placement ratio • Research projects
OPPORTUNITY	<ul style="list-style-type: none"> • MOUs to be made more functional • More linkages to be established. • More inter-institutional activities.
THREATS/ CHALLENGES	<ul style="list-style-type: none"> • Publications in journals with good impact factors • MRP

27. Future Plan:

- Minor/major research project proposal to be applied by the faculty.
- Proposal for department to be a research center.



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Year 2022-23

ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 1:20

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

Designation	Sanctioned	Filled
06	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	18 years	Confirmed
Dr. Femina Sobin		M.Sc., State Eligibility Test (SET-CG), Ph.D.	14 years	
Dr. Mamta Gokhale		M.Sc , Ph.D,	15 years	
Mrs. Roshni Choubey		M.Sc.	13 years	
Dr. Zareen Baksh		M.Sc., PGDCA, B.Ed., M.Ed., Ph.D.,	16 years	
Dr. Durga Ray		D.Sc., NET M.Sc., MBA	2 years	Probationary

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
5	-	-	1

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

Post	Sanctioned	Filled	Actual
2	2	2	2

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

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
B.Sc IMB	27	23	45	03	20	23
M.Sc. Microbiology	19	15	25	02	13	15



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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	-	-	-	-
M.Sc Microbiology	75%	25%	-	-

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

Programme	% proceeded for higher studies	% of students placed
B.Sc. IMB	50%	-
M.Sc. Microbiology	4.5%	9 %

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

- Central Library Books and Journals, etc., relevant to Department 76 new books added
Online (books, journals etc.) are Subscribed: Through e-resources (INFLIBNET, DELNET, Economic Political Weekly Database)
- 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 softwares, e-podium, collar mike, speakers.

10. Laboratory Facilities

Items Procured- 2022-23

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



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Year 2022-23

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

Signature St. Aloysius College, (Autonomous)

JABALPUR (M.P.)

Name: Dr. Sonali Nigam

Date: 11/10/ 2023



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ACADEMIC AUDIT

1. Name of the Department: **POLITICAL SCIENCE**

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
B.A.	I SEM	<ul style="list-style-type: none">Political TheoryIndia National Movement
	II Sem	<ul style="list-style-type: none">Indian ConstitutionIndian Political System
	II Year	<ul style="list-style-type: none">Indian Political ThinkersHuman RightsUnderstanding Gandhi & Ambedkar
M.A.	III Sem	Core Elective: <ol style="list-style-type: none">Local GovernmentWomen and Political RepresentationComparative Politics Open Elective: <ol style="list-style-type: none">Political Economy of IndiaCitizen and Civic AwarenessEnvironmental EconomicsFundamental of Communication
	IV Sem	Core Elective: <ol style="list-style-type: none">Political LeadershipMedia and PoliticsElectoral Politics in India Open Elective: <ol style="list-style-type: none">Human RightsEconomics of Gender and DevelopmentTrends and Techniques of Effective Communication

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

Program	Year /sem	Course	Activity
	I Sem	Indian Government and Politics	Panel Discussion, Debate
	II Sem	Research Methodology	Research Paper Presentation in



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M.A			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.

The feedback on curriculum was taken from all stakeholders i.e. students, teachers, alumni, parents and industrialists. The analysis for each question has been considered. The course content and its depth, coverage, applicability, learning value, clarity and relevance are all thus evaluated. The feedback has been positive with all stakeholders expressing satisfaction with the outcomes. A feedback analysis report has thus been prepared. The relevant and specific suggestions were discussed.

- Focus on More Interdisciplinary activities.
- More emphasis on Gender Awareness and Gender Sensitization.

Action Taken report: On the basis of Feedback Action Taken:

1. Department organized Interdisciplinary Quiz Competition "Bharat Quiz- 2023" in Collaboration with Department of Biotechnology.
2. Department organized lecture on 'fun with Mathematics' in collaboration with department of Management.
3. Department has given the topics for project related to Gender i.e Mahila Sashaktikaran me Sarkari Yojanao ka Yogdaan, Bharat me Mahila Adhikaron ki sthiti ka Adhayan, A Role of Women Political Participation in Madhya Pradesh, Study of Women Political Participation in Silua/ Pipariya Khurd Gram Panchayat.

d. Number of teachers preparing & following Academic Teaching plan: 03

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

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
UG	B.A.I Sem	Political Science	Dr. Tuhina Johri (Major- Pol.Sc.)	85
			Dr. Vishwas Patel (Minor, Elective)	120

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
	I Sem		Political Science (Minor/ Elective)	Dr. Vishwas Patel	40



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UG	II Yr	B.A.	Political Science (Major)	Dr. Tuhina Johri	35
			Political Science	Dr. Tuhina Johri (Major -2/ Minor/ Elective)	40
	Ms. Bhawna Tekam (Major-1)			30	
	III Yr		Dr. Vishwas Patel	30	
			Ms. Bhawna Tekam	30	

f. List the methods for conducting Internal evaluation?

Quarterly & Half Yearly Examination, PPT presentation, Assignments, Unit Test, Article Review, Editorial Review, Literature Review, Poster Presentation, Research Paper 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
Lecture on "Fun with Mathematics"	Ms. Swati	16 July 2022	120
Guest Lecture entitled "Fundamental Rights and Duties"	Shri C.M. Tiwari Advocate MP High Court Jabalpur	26 November 2022	90
Guest Lecture entitled "Human Rights and Civil Society"	Dr. Sushila Ramaswamy Professor Department of Political Science Jesus & Mary College, New Delhi	10 December 2022	150

h. Teaching and learning reforms: Case studies, Micro Teaching

i. Internal Assessment reforms: In BA I Semester-Internal assessment is done through conducting two tests and presentation in each Semester. Average - best of two IA is considered for finalizing the marks. Literature Review, Book Review

j. Best practices in Teaching and learning: ICT, Field Survey, Research Paper Presentation

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	115	115
2.	Certificate course in Right to Information and Filing RTI	Once in a year	106	106



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I. Details of Functional MoUs'

S.No	Name of the Institution	Activities organized	No. of students participated
1	Jesus & Mary College, New Delhi	Online Guest Lecture	150

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

Number of Teachers	Sanctioned	Filled
04	04	04

4. 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
<ul style="list-style-type: none"> 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

5. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
B.A. II Year	AMRC Jabalpur	Internship

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

Programme	Examination System
B.A. I Sem	Semester (NEP)
B.A. II Year	Annual (NEP)
B.A. III Year	Annual (Old Scheme)
M.A.	CBCS

7. 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 anction	Amount (in Lakh)	Remarks if any
	-				

8. Research Publications



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Name of Teacher	Details of Papers published in peer reviewed journals (UGC / Scopus)
Dr. Vishwas Patel	1. Mahila Taskari aur Manvadhikar: Samasyaein aur Samadhan” in Manava Adhikar: Nai Dishayein A Journal Published by National Human Rights Commission, New Delhi, Voll.19 (2022) pp: 122-127 (UGC Care List). 2. “Disability and Human Rights : An Indian Perspective” published in <i>Journal of Human Rights Law and Practice</i> Vol. 05 Issue 2 (2022). (UGC Care List)
Dr. Tuhina Johri	1. Mahila Taskari aur Manvadhikar: Samasyaein aur Samadhan” in Manava Adhikar: Nai Dishayein A Journal Published by National Human Rights Commission, New Delhi, Voll.19 (2022) pp: 122-127 (UGC Care List). 2. “Disability and Human Rights : An Indian Perspective” published in <i>Journal of Human Rights Law and Practice</i> Vol. 05 Issue 2 (2022). (UGC Care List)

9. Number of publications

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

10. Chapter in Books

Author Name	Name of Book	ISBN
Dr. Tuhina Johri	Right to Information Act 2005: Theory & Practice	978-93-5570-606-5
Dr. Vishwas Patel		

11. Edited Books

Author Name	Name of Book	ISBN
Dr. Vishwas Patel	Right to Information Act 2005: Theory and Practice	978-93-5570-606-5
Dr. Tuhina Johri		

12. Self-Authored Book

Author Name	Name of Book	ISBN
-	-	-

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

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

14. Consultancy services provided:

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



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15. 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
	-	-

16. 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	02	-
Seminar/Conference	06	-
Workshop/FDP/Training Programme	05	03
Paper presentation	04	-

17. 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. Vishwas Patel	<ul style="list-style-type: none"> Member of Examination Committee, Govt Mahakoshal Arts and Commerce (Auto) College, JBP.

18. 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	International Journal of Research and Innovation in Social Science (IJRISS).	Reviewer in the International Journal of Research and Innovation in Social Science (IJRISS)

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

Name of Faculty	Awards/Recognition received	Recognition Bodies
Dr. Vishwas Patel & Dr. Tuhina Johri	Cash Prize	National Human Rights Commission, New Delhi
Ms. Bhawna Tekam	Certificate	District Collectorate, Jabalpur



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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
1	Ashutosh Singh	Certificate	RDVV, JBP
2	Geetika	Secured II Position (Role Play)	District Collectorate , Jabalpur
3	Aashi Singh	Secured II Position (Role Play)	District Collectorate , Jabalpur

Co-curricular:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies
1	Ishika Gurjar	NCC Cadet Cash Prize of 20,000, 20,000, 7,000, 30000	Chief Minister, NCC Directorate, Director General NCC, The Governor of Madhya Pradesh

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
1	National Seminar on National Education Policy 2020: A Powerful Tool to Re-establish Bharat as a Vishwa Guru	ICSSR	110	National	27-28 January 2023

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

23. Subject-wise Results

UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.A. I Semester Major	80	80	-	-	100
2	Minor	71	71	-	-	100
3	Elective	38	38	-	-	100
	TOTAL	189	189			
4	B.A. II Semester Major	76	75	-	01	99
5	Minor	71	71			100
	Elective	40	40			100
	TOTAL----->	187	186		01	



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UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Major	92	92			100
2	Minor	57	57			100
3	Elective	27	27			100
TOTAL ----->		176	176			

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.A.	211	211	-	-	100%
TOTAL ----->		211	211			

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.A.	21	21			100

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.A.	20	20			100

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.A.	24	24			100

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.A.	22	22			100



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

23 July 2022	Guest lecture
1 August 2022	Release Newsletter 'Pravah'
3 September 2022	Group Discussion on Emerging Trends of Foreign Policy
15 October 2022	Field Survey for PG Students
26 November 2022	Constitutional Day Celebration
10 December 2022	Human Rights Day Celebration
25 January 2022	Voter's Day Celebration
1 March 2023	Release Newsletter 'Pravah'
25 March 2023	Workshop on Research Methodology

4. SWOC Analysis:

STRENGTH

- Academic excellence – Consistently good academic result.
- Faculties are actively involved in research activity.
- Strong teacher- student relationship.
- ICT enabled learner-centered teaching mode.
- Enhancement of knowledge levels of students through add on certificate courses.
- Cordial relationship of faculty with parents through regular parent teacher meeting.
- Study the parliamentary process through visit to Loksabha/Vidhan Sabha
- Develop leadership skill and political awareness about Parliamentary Democracy among students conducted Youth Parliament.
- Participation of PG students in International/National Seminars/conferences and workshops.
- Punctuality in completing syllabus.
- A large Numbers of students opting political Science will help them fight UPSC and State PSC.

WEAKNESS

- MOUs and Linkages

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.
- Potentialities of Consultancy services.
- Interdisciplinary research projects.

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.

5. 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	04	04

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

Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
Dr. Tuhina Johri	Assist.Prof.	M.A., Ph.D	14 yrs	Permanent
Dr. Vishwas Patel		M.A., M.Phil, Ph.D	23 Yrs	
Dr. Rev. Fr. Ben Anton Rose		M.A. Ph.D	8 Yrs	
Ms. Bhawna Tekam		M.A., NET	3 Yrs	

4. Diversity of Faculty

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

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

Post	Sanctioned	Filled	Actual
-	-	-	-

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

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
UG	102	85	0	34	51	85
PG	30	25	0	9	16	25

7. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.A.		100%	--	-



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Year 2022-23

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

Programme	% proceeded for higher studies	% of students placed
M.A.	13%	8.69%

9. 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, PDFCHM.NET, NDLI, The American Library
- 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:

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

Dept. of Political Science
St. Aloysius' College
Jabalpur M.P.

Name: Dr. Tuhina Johari

Date: 10/10/2023



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Year 2022-23

ACADEMIC AUDIT

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

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

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

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

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

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

Feedback report: Department had taken feedback from its various stakeholder i.e Students, Teachers, Employers and Alumni. Mr Ambika Prashad patel give the feedback on the industrial visit of the students. He suggested department should have tie ups with local industries and research institute. Dr S.S. Sandhu has suggested adding few specific practical's related to molecular biology.

Action Taken report: After going critically through their feedbacks the following changes has been incorporated in the syllabus and curriculum:

- Department had signed two MOUs one with industry and another with research institute partner. So students can get exposure to local industry as well as research lab of national repute.



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- Addition of topics like Interaction between cell and their environment: ECM, Integrins, Focal adhesions, Selectins, IgSF, Cadherins, Tight and Gap Junction in cell biology paper of B.Sc Ist semester.
- Addition of practical's like Isolation of genomic DNA from Fungus, Cloning of green fluorescent gene in bacteria, Preparation of blood smear, Preparation of Buccal Smear for identification of Barr body, Isolation of cell organelle - Mitochondria from tissue.

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	Microbiology and Immunology	Biotechnology	Dr. Laxmi Kant Pandey	62
	Cell Biology and Biochemistry		Mr Enosh Phillips	60
	Molecular Biology		Mr Nitin Swamy	56
	Agriculture Biotechnology		Dr Rumana Faraz	61
	Industrial Biotechnology		Dr Anisha Rupashree	54

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
B.Sc	Ist Semester	Cell Biology and Biochemistry	Biotechnology	Mr Enosh Phillips	31
	II nd Semester	Microbiology and Immunology		Dr. Laxmi Kant Pandey	12
	III rd Semester	Basic Molecular Biology		Dr Anisha Rupashree	16
	IV th Semester	Recombinant DNA Technology		Dr. Rumana Faraz	18
	3rd year	Applied Biotechnology		Dr. Laxmi Kant Pandey	08
	3rd year	Molecular Biology		Mr. Nitin Swamy	21

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

- a. Research project
- b. Written examination
- c. Power point presentation
- d. Quiz
- e. Case study



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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
Expert talk on "The Genomic epidemiology of Monkeypox virus: A Global Concern"	Dr. Abhinendra Kuma Research Scientist-V from National Institute of Virology Indian Council of Medical Research, Pune.	20th August 2022 from 12:30 PM	82
Expert talk on Bioinformatics	Ms. K.Srividya, Project Research scholar, CSIR, CCMB, Hyderabad.	27-28 Feb from 7:00pm- 8:00pm.	50

- h. Teaching and learning reforms:**

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

- i. Internal Assessment reforms:**

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

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

1. Off campus teaching by using departmental blog
2. Project Based learning

- k. Details of Value added courses:**

S.no	Name of the course	Frequency	No. of students admitted	No. of students completed successfully
01	Medical Diagnostics	Once in a year	12	12
02	Certificate Course on DNA Barcoding: From Sequence to species	Once in a year	18	18



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k. Details of Functional MoUs'

S.No	Name of the Institution	Activities organized	No. of students participated
01	ICAR - Directorate of Weed Research (DWR) Maharajpur, Jabalpur - 482004, (MP), India 2022-23	Students Training (02 students went for 06 months training)	02
02	Agadyati Herbs & Food Pvt. Ltd Indraprastha, Near Narayan Dham Mandir, Village Hinauta, Block Kundam, Jabalpur, MP.	Industrial visit (Total number of 32 students and 05 faculty members)	37

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

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
Industrial Visit	Agadyati Herbs and Food Private Kundam, Jabalpur, M.P.	Department of Biotechnology, St Aloysius College, Jabalpur organized a trip to 'Agadyati Herbs and Food Private Limited' is a registered startup located at Kundam, Jabalpur, M.P. on 17 September 2022, for PG students to create awareness regarding organic farming and establishment of a start-up to a commercial level. About 21 students and departmental faculty members participated in the trip.
Industrial Visit	Shivshakti Biotechnologies Ltd Gosalpur, Jabalpur (MP)	The Department of biotechnology organized an industrial visit to "Shivshakti Biotechnologies Ltd", a plant tissue culture industry at Gosalpur on 4 th February 2023. Students of BSc 3 rd year and M.Sc along with faculty members Mr. Nitin Swamy, Mr.Enosh Phillips & Dr. Anisha Rupashree visited the industry.

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

Programme	Examination System
B.Sc	Annual/Semester
M.Sc	CBCS



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

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

9. Research Publications

Name of Teacher	Details of Papers published in peer reviewed journals (UGC / Scopus)
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 ISSN: 2319-7706 Volume 12 Number 4 (2023).
Dr Rumana Faraz	Biofertilizers for sustainable Agriculture. Fundamentals of Agriculture and crop production (Research and Applied). 2023
Dr Rumana Faraz	Enhancement in production of baicalein, through transformation of <i>Oroxylum indicum</i> (L) Vent by <i>Rhizobium rhizogenes</i> . Vegetos, Springer 2023
Mr Nitin Swamy	Ursolic acid: a pentacyclic triterpenoid that exhibits anticancer therapeutic potential by modulating multiple oncogenic targets; Biotechnology and Genetic Engineering Reviews, T&F, Volume 0, Year 2023, Pages 1-31
Mr Nitin Swamy	Myricetin: a potential plant-derived anticancer bioactive compound—an updated overview; Naunyn-Schmiedeberg's Archives of Pharmacology, Year 2023.
Dr Anisha Rupashree	Prevalence of migraine in systemic lupus erythematosus: A meta-analysis. Lupus 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
-	-	-	-	-

11. Chapter in Books

Author Name	Name of Book	ISBN
Dr Laxmi Kant Pandey	Post-Traumatic Stress Disorder After Covid Recovery, The Covid-19 Psychological Wellbeing Study, Shreevinayak publication	ISBN No. 9789391267599. 2022.
Mr Enosh Phillips	Phillips, E. (2022). Nanotechnological interventions in biofuel production. Handbook of Biofuels, 593–604.	https://doi.org/10.1016/b978-0-12-822810-4.00031-2 .
Dr. Rumana Faraz	Gokhale M, Faraz R and Koul G (2023) Biofertilizers for sustainable Agriculture. IN: Fundamentals of Agriculture and crop production (Research and Applied). Ed: Dr. Debabrata Das, Bharat Publications, New Delhi (India), Pages:56-72,	ISBN:978-93-94779-73-0.



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Mr. Nitin Swamy	Role of Traditional Medicine in Covid-19; Harshita Rajput, Shrutika Kumari, Yati Iyer, Nitin Swamy Covid-19 Challenges and Management, Volume Volume 1, Year 2022, Pages Pg 45-51	ISBN No. 9789391267599. 2022.
Mr. Nitin Swamy	A Scientific Comparison of Covid-19 and Spanish Influenza Pandemic Affecting the Human Race a Century Apart; Dr. Sutapa Roy, Nitin Swamy Covid-19 Challenges and Management, Volume Volume 1, Year 2022, Pages 386-393	ISBN No. 9789391267599. 2022.
Mr. Nitin Swamy	Eminence of Genome Sequencing in Covid-19 Management; Palak Khare, Nitin Swamy Covid-19 Challenges and Management, Volume Volume 1, Year 2022, Pages 153-162	ISBN No. 9789391267599. 2022.

12. Edited Books

Author Name	Name of Book	ISBN
-	-	-

13. Self-Authored Book

Author Name	Name of Book	ISBN
Dr. Laxmikant Pandey, Dr. Zareen Baksh, Mr. Enosh Phillip and Mr. Nitin Swamy,	'Environmental Education', edited by Dr. Laxmikant Pandey, Dr. Zareen Baksh, Mr. Enosh Phillip and Mr. Nitin Swamy, The New Generation Publisher, Jabalpur, 2023.	ISBN No. 978-93-5570-606-5
Dr Laxmi Kant Pandey, Riya Ishwar Roy, Dr Ranjan Singh.	Laurus Nobilis: A magical plants	ISBN: 978620151546-4. Lambert Academic Publishing, 2022

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

Name of the Teacher	Date of Applied/Sanctioned	Topic	Revenue generated
Dr Rumana Faraz	22-08-2022	A medium for isolation of an endophytic fungus of genes Colletotrichum from the plant	

15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated
01	Dr. Laxmikant Pandey, Mr. Enosh Phillip, Mr. Nitin Swamy, Dr Rumana Faraz, Dr Anisha Rupashree	Training given to 48 students of Gov. Home Science College Jabalpur (MP)	48@500= 24000/-



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02	Mr. Enosh Phillips	07 days mini project work done by Mehak Bharadwaj student from Amity university Raipur.	500/-
03	Dr. Laxmi Kant Pandey	07 days mini project work done by Deepa Mishra student from RDVV, Jabalpur.	800/-
04	Dr Laxmi Kant Pandey	Dissertation	10000
05	Mr Nitin swamy	Dissertation	10000
06	Mr Enosh Phillips	Dissertation	10000
07	Dr Rumana Faraz	Dissertation	10000
08	Dr Anisha Rupashree	Dissertation	5000
	Total		70300/-

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 Laxmi kant Pandey	Served as the resource person for a DBT-STAR college scheme funded faculty development program on "Project-based learning" for faculty members on 03-03-2023 through Google meet platform. CMS COLLEGE OF SCIENCE & COMMERCE Chinnavedampatti, Coimbatore - 641 049, Tamil Nadu, India.
		Delivered a talk as a Resource Person for 07 days workshop on Analytical Techniques from 21 st – 27 th November 2022.
		Delivered a talk as a Resource Person national science day on the theme of "Global Science for Global Wellbeing" at Amar Veerangana Rani Durgavati Shaskiya Mahavidyalaya, Tendukheda, Damoh, MP during February 27 th - March 1 st , 2023.
		Invited Lecture on Hepatitis at department of Biotechnology and Zoology, Home Science College Jabalpur (MP) India.
		Invited Lecture on Tuberculosis at department of Biotechnology and Zoology, Home Science College Jabalpur (MP) India.
2	Dr. Rumana Faraz	Resource person in the workshop on Analytical Techniques organized by St Aloysius College (Auto.) Jabalpur, M.P. in association with IIT Gandhinagar on 24 Nov 2022.
		Resource person in the demonstration of "FTIR technique" under STUTI, at St Aloysius College (Auto.) Jabalpur, M.P., on 25Nov2022
3	Mr. Nitin Swamy	Invited Lecture on Covid-19 at department of Biotechnology and Zoology, Home Science College Jabalpur (MP) India.
		Inviter Lecture on Cancer at department of Biotechnology and Zoology, Home Science College Jabalpur (MP) India.



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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	05	01
Orientation		
Seminar/Conference	06	02
Workshop/FDP/Training Programme	06	01
Paper presentation	03	

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

S.No.	Name of the Faculty	Members of committees

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
1	Dr Laxmi Kant Pandey	Member of editorial board International Journal of Technology Research and Management ISSN (Online): 2348-9006 (International Journal)
2	Mr. Enosh Phillips	Reviewer in Biomass Conversion and Biorefinery Processing of Biogenic Material for Energy and Chemistry
3	Dr Laxmi Kant Pandey	Reviewer in Journal of Ecophysiology and Occupational Health.

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

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



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

Curricular activities:

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

Co-curricular:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies
01	Harshal Pathania	Secured silver medal in Khelo India Women's League (10 meter air rifle junior)	Madhya Pradesh State Rifle Association
02	Vaishnavi Sharma	Secured silver medal in Khelo India Women's League (10 meter air pistol)	

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

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

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

24. Subject-wise Results

UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Microbiology and Immunology	49	49	00	00	100
2	Cell Biology and Biochemistry	49	49	00	00	100
TOTAL ----->						

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Molecular Biology	43	43	00	00	100



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2	Recombinant DNA Technology	43	43	00	00	100
TOTAL ----->						

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Molecular Biology and Genetic Engineering	50	50	00	00	100
2	Applied Biotechnology	50	50	00	00	100
TOTAL ----->						

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
17	17	17	00	00	100

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
17	17	17	04	00	100

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
29	29	29	02	00	100

PG Fourth semester

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



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Year 2022-23

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
- **Weakness:** No Research project
- **Opportunities:** Students publication in reputed journals
- **Challenges:** Students with diverse background with diverse needs

27. Future Plan:

- To organize an international seminar.



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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	14	Confirmed
Mr. Enosh Phillips		M.Sc	09	
Mr. Nitin Swamy			09	
Dr. Rumana Faraz		PhD	02	
Dr. Anisha Rupashree			01	

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
UG	78	54	-	20	34	54
PG	21	18	30	9	9	18



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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	00	90	10	0
PG	80	10	10	0

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

Programme	% proceeded for higher studies	% of students placed
UG	82	2
PG	7	14

9. 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: 02
- Research laboratories: 01
- Any other facility: Plant Tissue Culture Facility.

10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
200000	00	177948	177948

11. Laboratory Facilities

Items Procured- 2022-23

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



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Year 2022-23

Declaration by the Head of the Department

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

Signature

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

Name Dr Laxmi Kant Pandey

Date: 21/09/2023



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2022-23

ACADEMIC AUDIT

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

2. Year of establishment: **1951**

3. Curricular Aspects:

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

Program	Semester / year	Electives
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
	MSc IV semester	4.MSc IV: One out of two Departmental electives-Environmental Chemistry and Chemistry of Materials 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	Application of Chemistry in Everyday Life "Instrumentation and analytical techniques"

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



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1. 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.

2. Action Taken report:

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

b. Number of teachers preparing & following Academic Teaching plan: 6

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

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
BSc I year	Bridge classes	Chemistry	Dr. Anjali Dsouza- Physical Chemistry	80
			Dr. Sutapa Roy- Inorganic Chemistry	85
			Dr. Smarika Lawrance- Organic Chemistry	78

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
BSc Chemistry	II Year	Transition element Chemi-energetic Phase equilibria	Chemistry- Minor/ Elective	Dr Smarika Lawrance Dr Sutapa Roy	35
BSc Chemistry	II Year	Paper- 1 Reaction Reagent and Mechanism in Organic Chemistry	Chemistry- Major	Dr Manju Gupta	10
BSc	III Year	Inorganic Chemistry	Chemistry	Dr Shweta Likhitkar	55
BSc	III Year	Organic Chemistry	Chemistry	Dr Amita Chhatri	50

d. List the methods for conducting internal evaluation?

- Static/Working Model
- Community based Societal Oriented Project
- Objective Test



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- Subjective test
 - Presentation
 - Class Teaching
 - Report writing
 - Assignment
 - Case Study
 - Important Question Answer writing
 - Practical Demonstrations
 - Poster
 - Library Survey
 - Project Report writing
 - Medicinal Structure Extempore
- e. 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
Seminar for Chemistry Students\ Topic- New Avenues for Employment in Chemistry (UG Chemistry and PG Chemistry)	Theme:- Application of Chemistry in Pharmaceutical Industry Speaker : Dr. Washid Khan Theme:-Entrepreneurship Skills through Chemistry Speaker: Mr. Ankit Rajak Soap, Floor Cleaner, Liquid Hand Wash, Lipstick and Sanitizer Making Dr. S. N. Shukla- Topic- Group theory	30th Sept and 1st Oct, 2022	78 Students



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Training Program	Dr K. L. Dubey Topic- Water Analysis and Testing Coca Cola, Jabali Paper Limited and Steelace Industries Pesticides Residue Analysis Laboratory in ICAR, Directorate of Weed Science, Jabalpur Debate, Awareness poster, Quiz, Rangoli, Chemical Toran, Scientific model and Imagery writing competitions	6 th and 7 th September, 2022 and 29 th and 30 th March, 2023	124 students
Guest lecture-		17 th -20 th October, 2023	
Guest Lecture		4 th February, 2023	25 Students
Industrial Visit		21 st January, 2023	60 students



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Lab Visit		2 nd February, 2023	51 students
Rasayanika-		2 nd -14 th October, 2022	30 students
			250 students

f. Teaching and learning reforms:

- 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
- Multifarious modes of CCE were used for enhancement of teaching and learning.
- Students of BSc II year were sent for Internship at Excellent Bioresearch Limited, Jabalpur for hands on training 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.
- Industrial Visit to Coca Cola, Jabali paper limited and Steelac industries was conducted to emphasize the importance of entrepreneurship through Chemistry.
- Lectures on some relevant topics line Group theory and Water Analysis and Testing were conducted for UG and PG students by experts.
- Training Program on Soap, Floor Cleaner, Liquid Hand Wash, Lipstick and Sanitizer Making was used to generate scientific temper and curiosity among students and orient them towards entrepreneurship.
- Students of UG and PG Chemistry attended and presented Papers at two International Conferences held in Jabalpur and Bhopal.



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- 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.

g. 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 year- Subjective and Objective test, Report writing, Classroom teaching, assignment and poster
- Internal assessment mode at BSc II year- Static/Working Model, Subjective test, Poster presentation, Assignment
- Internal assessment mode at BSc III year- Community based Societal Project Work, Important Question Answer, Subjective Test
- Internal assessment mode at MSc I and II sem- Important Question Answer Writing, Paper Solving, Assignment writing.
- Internal assessment mode at MSc III and IV sem- One page write-up, Case study Project Report writing Medicinal Structure Extempore, Presentation, Practical Demonstration.

h. Best practices in Teaching and learning:

- 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 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.
- Multifarious CCE are given to students at PG level viz. Case study, Note Making, Awareness Poster, Herbal Workshop, Review Paper and others to enhance teaching and learning.



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i. Details of Value added courses:

S.no	Name of the course	Frequency	No. of students admitted	No. of students completed successfully
1.	“Application of Chemistry in Daily Life” 20 th February to 3rd March 2022.	1	28	28
2.	“Instrumentation and Analytical Techniques”	1	35	35

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	International Conference Attended and Paper presented	8 students and 5 faculty members

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 Vaidic Vishwavidyalaya

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
BSc II Year/ MSc IV Sem	Excellent Bioreserach Pvt	Internship



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	Limited, Jabalpur	
BSc / MSc	1. Udaipur Beverages, Richai, Jabalpur, 2. Jabali paper limited, Richai, Jabalpur 3. Steelac industries, Richai, Jabalpur,	Industrial Visit
BSc /MSc	Pesticides Residue Analysis Laboratory in ICAR, Directorate of Weed Research, Jabalpur, Madhya Pradesh	Educational Trip

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

Programme	Examination System
BSc II & III Year	Annual System (NEP)
BSc I	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	Star Collge Scheme	Department of Biotechnology	Rs 68 Lakhs	2020-2023
		Creative Approaches to Peace for Whole Person Education	United Board For Christian Higher Education	Sanctioned- 12080USD (Granted 4060 USD)	2023-2025



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9. Research Publications

Name of Teacher	Details of Papers published in peer reviewed journals (UGC / Scopus)
Dr. Anjali Dsouza Dr. Sweta Likhitar	Controlled Releases of Paclitaxel Drug investigation and Impact Analysis from Casein, European Journal of Chemistry, ISSN 2063-5346
Dr. Anjali Dsouza Dr. Smarika Lawrance Dr. Amita Chhatri	Aloe Vera Loaded (Polyvinyl Alcohol) Cryogel: Potential Wound Healer, Asian Journal of Chemistry, ISSN: 0970-7077
Dr Manju Gupta	A rapid and green GC-MS method for the sampling of volatile organic compounds in spices and flowers by concurrent headspace single-drop micro extraction and solid-phase micro extraction, Analytical methods, 12, 2023 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, Micro chemical Journal, 189, 2023, 108573

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
4	Scopus	-	3 to 11	0.5 to 5.2

11. Chapter in Books

Author Name	Name of Book	ISBN
Dr. Smarika Lawrance	Covid-19; Challenges and Management	978-93-91267-59-10
Dr Anjali Dsouza	Covid-19; Challenges and Management	
Dr. Sutapa Roy	Covid-19; Challenges and Management	
	Challenges and solutions dimensions of innovation integrartion in teaching	
	Environmental Management	
Dr. Manju Gupta	Covid-19; Challenges and Management	978-93-91267-59-10
Dr. Amita Chhatri	Covid-19; Challenges and Management	

12. Edited Books

Author Name	Name of Book	ISBN
Dr Anjali Dsouza	Covid-19; Challenges and Management	978-93-91267-59-10
Dr Manju Gupta		



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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
1	Dr. Smarika Lawrence	Sampling with Tensile Tester	Rs. 125
2	Dr Manju Gupta	UV-Vis and FT-IR spectrophotometer	Rs. 6900

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. Anjali Dsouza	Session on "Flame photometer" DST funded training workshop under STUTI (Synergistic Training Program Utilizing the Scientific and technical infrastructure), 21 st -27 th November 2022
2.	Dr. Sutapa Roy	Session on "COD and BOD" DST funded training workshop under STUTI (Synergistic Training Program Utilizing the Scientific and technical infrastructure), 21 st -27 th November 2022
3.	Dr. Manju Gupta	Session on "FT-IR DST funded training workshop under STUTI (Synergistic Training Program Utilizing the Scientific and technical infrastructure), 21 st -27 th November 2022 Spectrophotometer" DST funded training workshop under STUTI (Synergistic Training Program Utilizing the Scientific and technical infrastructure), 21 st -27 th November 2022
4.	Dr. Manju Gupta	Session on "Research Tools and Techniques" on 5 th July 22 under the Summer school organized by Sage University, Indore
5.	Dr. Shweta Likhitar	"Chromatography and its Application" on 9 th and 10 th December, 2022 at Government Arts and Commerce College, Kannod, Dewas as part of Lecture Series for Academic Excellence under the agencies of MPHEQIP/World Bank Project



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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	---	10
Workshop/FDP/Training Programme	6	---
Paper presentation	---	7

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

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

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

Name of Faculty	Recognition received	Professional bodies and agencies National and International
Dr. Amita Chhatri	Reviewer	2, International (Iranian Journal of Chemical Sciences and Malaysian Journal of Chemistry)
Dr. Manju Gupta	Reviewer	4, (Journal of food Composition and Analysis, Food Chemistry and Journal of Hazardous Chemistry)
Dr Sweta Likhitkar	Reviewer	1 (Materials Today)

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

Name of Faculty	Awards/Recognition received	Recognition Bodies
Dr Sweta Likhitkar	Certificate of Appreciation Matdata Jagrukta Abhiyan	Electoral Literacy Club Government of 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	Ms. Disha Bhagtani MSc III Sem Chemistry	Best paper presentation	International Conference on Multidisciplinary Research Perspectives organized by BSSS Bhopal on 16 th -17 th February, 2023
2	MS Anam Fatima, Ms Anjali Patel, Mr Abin Thomas and Mr, Chetan Bhatia BSc II sem Major Chemistry	2 nd prize in Poster Presentation.	International Conference on Plastics held on 25 th -26 th February, 2023 at Hitkarni Women College, Jabalpur, MP

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 year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Chemistry Major/Minor/Elective	103	92	4	7	89.3



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UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Chemistry Major	10	10	-	-	100%
2	Chemistry Major/Minor/Elective	95	95	13	-	100%
TOTAL ----- >						

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BTZ	48	48	1	0	100%
2	IMB	26	26	0	0	100%
3	CBZ	39	39	0	0	100%
4	PCM	36	36	0	0	100%
TOTAL ----- >						

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
CHEMISTRY	14	13	2	1	93%

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
CHEMISTRY	13	13	4	0	100%

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
CHEMISTRY	15	14	0	1	93%

PG Fourth semester

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



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

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
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.
- 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 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.



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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. Organizing National level workshops and seminars
3. Conducting tours to chemical industries
4. 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	Asst. Professor	M.Sc., Ph.D.	34 years/ 19 years	Confirmed
Dr. Smarika Lawrance		B.Ed., M.Sc.,Ph.D.	18 years/ 16 years	Confirmed
Dr. Sutapa Roy		B.Ed. M.Sc.,Ph.D.	20 years/ 20 years	Confirmed
Dr. Shweta Likhitar		B.Ed., M.Sc.,Ph.D.	14 years/ 15 years	Confirmed
Dr. Amita Chhatri		M.Sc., Ph.D.	11 years/ 16 years	Confirmed
Dr. Manju Gupta		B.Ed., M.Sc.,Ph.D.	20 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



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Year 2022-23

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

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
UG	16	9		3	6	9
PG	17	15	30	3	12	15

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

Programme	% proceeded for higher studies	% of students placed
BSc	70%	30%

9. 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 NDL E-books- 4769 & E- Journal- 540
- Computers and Internet facilities for staff:** Computers- 01 / Laptops: 02 / Wi-Fi Facility
- Total number of class rooms:** 04
- Class rooms with ICT facility:** 04
- Students' laboratory:** 03
- Research laboratories:** 01
- Any other facility**

10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
200,000/-	10,000/-	190,000/-	190,544/-



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11. Laboratory Facilities

Items Procured- 2022-23

S. No	Name of Item	Configuration	Quantity
1.	Magnetic Stirrer with Hot plate	-	8024/-
2.	Chemicals & Glassware	-	1,82,520/-

Declaration by the Head of the Department

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

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

Name: Dr. Smarika Lawrence

Date: 26/10/2023



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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 6. NCC
B.Com.	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 6. NCC
B.Com.	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
M. Com.	II Sem.	<u>Finance</u> 1. Investment Management 2. Project Planning & Management <u>Marketing</u> 1. Consumer Behaviour 2. Strategic Marketing
		<u>Finance</u> 1. Portfolio Management <u>Marketing</u> 1. Service Marketing Management



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M.Com.	III Sem.	<u>Open Elective</u> 1. Citizen and Civic Awareness 2. Human Resource Management 3. Web Designing and Networking 4. Fundamentals of Communication
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

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

Program	Year /sem	Course	Activity
M.Com.	I Sem.	Skill Development	Computer Awareness
M.Com.	II Sem.	Skill Development	Spoken English
M.Com.	III Sem.	Skill Development	Personal Personnel Productivity Program
M.Com.	IV Sem.	Skill Development	Personality Development
Add on Course	Open for All	Tally with GST	Internship in GST Tally
Add on Course	Open for All	Income tax Return Filling & Filing	Online ITR
Add on Course	Open for All	GST Return Filling & Filing	Online ITR
Add on Course	Open for All	CPBFI	HR Workshop
Add on Course	Open for All	USCMA	Participated and won International Case study competition
Add on Course	Open for All	Finance for Non financial	Preparation of Balance Sheet of different companies
Add on Course	Open for All	Taxation for Beginners	Online Return Filing
Vocational Course	Open for All	Finance, Banking & Insurance	Webinar on Internet Banking
Vocational Course	Open for All	E-Accounting & Taxation With GST	Offline Return Filing
Vocational Course	Open for All	Accounting with Tally	Guest Lecture by Meghna Kataria (Advocate & Tax Consultant at Kataria Consultancies) on Utilities of Tally in Market"

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/1B0m0nytWZ8_9U3fGFaqUBttiiGU7wqiT/yiew?usp=sharing



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2. Action Taken report:

https://drive.google.com/file/d/1BOm0nytWZ8_9U3fGFaqUBttiiGU7wqiT/vi?usp=sharing

- d. Number of teachers preparing & following Academic Teaching plan: 22
e. Do you offer Bridge/Remedial courses? If yes, Give details. Yes

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
B.Com I Sem	Data Processing	Final Accounts	Dr. Yogesh Ashar	62
B.com II Year	FMO	Listing of Securities	Dr. Priya Sahni	85
B.com I Sem	Business Maths	Logrithum & Antilogrithum	Dr. Surbhi Jain	42
B.com II Year	App. Eco. & Corporate Law	Journal, Ledger & Trial Balance	Dr. Sanjay Rajak	23
B.com II Year	App. Eco.	Economic	Dr. Komal Rawat	54

Remedial Course

Program	Year / Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
B.com	I Sem	Banking & Insurance	Financial Accounting	Dr. Yogesh Ashar	30
		Advertisement & Maths	Financial Accounting	Ms. Nidhi rajak	22
		Banking & Insurance	Business Organization Communication	Dr. Ashu Jain	25
		Business Economics	Financial Accounting	Dr. Sanjay Rajak	20
		Banking & Insurance	Banking	Dr. Komal Rawat	27
		Advertisement & Maths	Business Maths	Dr. Surbhi Jain	15
		App. Eco.	Management Economics	Dr. Rupali Ahluwalia	22
	II Sem	Banking & Insurance	Business Organization	Dr. Nidhi Khurana	20
	II Sem	Advertisement & Maths	Sales Promotion	Dr. Ekta Mukar	20
	II Year	FMO	Cost Accounting	Dr. Sunil Tiwari	23
	II Year	App. Eco. & Corporate Law	Principles of Statistics	Dr. Preeti Jain	18
	II Sem	Business Economics	Business Regulatory Framework	Dr. Sarita Goel	15
	II Sem	Advertisement & Maths	Business Law	Dr. Pooja Gupta	16



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II Sem	App. Eco.	Macro Economics	Dr. Komal Rawat	15
II Year	FMO	FMO	Dr. Priya Sahni	26
II Year	PMO	Corporate A/c	Dr. Harbaksh Moolchandani	30
II Year	Applied Economics	Corporate accounting	Dr. Sanjay Rajak	18
II Year	POM	Principles of Statistics	Dr. Dilip Kosta	22
II Year	FMO	Corporate accounting	Dr. Sonal Rai	25
II Year	Tax	Cost A/c	Dr. Kusdshiya Raza	15
III Year	Applied Economics	Auditing	Dr. Pooja Gupta	24
III Year	Tax	Management A/c	Dr. Kushshiya Raza	20
III Year	Tax	Income Tax	Dr. Dilip Koshta	30
III Year	Tax	Income Tax	Dr. Harbaksh Moolchandani	27
III Year	Applied Economics	Income Tax	Dr. Yogesh Ashar	25
III Year	Finance	Financial Management	Dr. Tarvinder Kaur	15
III Year	Tax	GST	Mr. Jatin Anand	22
III Year	Finance	Public Finance	Dr. Ekta Mukar	15
III Year	Applied Economics	Auditing	Dr. Pooja Gupta	20

f. List the methods for conducting Internal evaluation?

The various methods for evaluation patterns of 1st Sem, 2nd Year and 3rd Year which were adopted are as follows:-

- Unit wise Written tests
- Assignments
- PPT Presentations
- Group Discussion Activity
- Case Study
- Quiz
- Debate
- Extempo

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
USCMA	Mrs. Anagha Prabhu	25/03/2023	35
National Statistical Office cum Quiz Competition	1. Mr. R.K.Choubey 2. Mr. Prabjeet Dey 3. Mr. Srimant Kumar	16/03/2023	100
National Webinar	Dr. CA Deepali Gupta	06/02/2023	60
TIME (Solving business Case Studies)	Mr. Abhishek Agrawal	16/07/2022	150
Bajaj Finserv	Orientation on Career Prospects in	30/09/2022	70



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	Banking and Finance - Mr Sushant Parekh		
Online Trading Session of EPWRF	Mr. Bipin	24/02/2023	50

h. Teaching and learning reforms:

- Video Lecture Recordings.
- Internal Assessment reforms: E-Assignments, Case Studies, E-Quiz based upon Google forms.

i. Best practices in Teaching and learning:

- Using Blooms Taxonomy for the preparation of PO, PSO and CO
- Use of LMS and DMS for updating and completing syllabus

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	38	Ongoing
2	CPBFI Bajaj Finserv	05	51	32
3	Global Business with ECU	03	25	25
4	Finance or Non Financials	02	35	20
5	Taxation for Beginners	02	88	88

k. Details of Functional MoUs'

S. No	Name of the Institution	Activities organized	No. of students participated
1	US Miles	Session by expert speaker	68
2	Bajaj Finserv	Mock Interview	51
3	East Carolina University	Collaborative Projects	25
4	AIFMB	Virtual Sessions & Boot Camp	150

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 year	Semester
B.Com. II & III Year	Yearly
M.Com.	Semester

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, ration & date of anction	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	Prospects of Machine Learning for Decision Making, High Technology Letters, Vol.29,Issue-5, ISSN no. 1006- 6748
Dr Tarvinder Kaur	Prospects of Machine Learning for Decision Making.High Technology Letters, Vol.29,Issue-5, ISSN no. 1006- 6748
Dr. Sanjay Kumar Rajak	Making India A Global Education Hub Opportunities and Challenges. UGC Care Group Journal Juni Khyat, ISSN: 2278-4632
Dr. Pooja Gupta	Antecedents of Pharmaceutical Digital Marketing Challenges and Opportunities: A Descriptive Research Design. Journal of Pharmaceutical Negative Results, ISSN- 0976-9234, E-ISSN- 2229-7723
Dr. Kudshiya Raza	Antecedents of Pharmaceutical Digital Marketing Challenges and Opportunities: A Descriptive Research Design. Journal of Pharmaceutical Negative Results,ISSN- 0976-



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	9234, E-ISSN- 2229-7723
Dr. Sarita Goel	“डिजिटल अर्थव्यवस्था में महिला सशक्तिकरण की प्रगति का समीक्षात्मक अध्ययन” Vol.13, Issue 4, No. 03.UGC Care List Juni Khyat Journal, ISSN: 2278-4632.
Dr. Komal Rawat	Conjoint Analysis of Buyers” Behaviour towards Instant Food Products. Journal of Marketing and Sales Management, ISSN No. 2457-0095.
Dr.Surbhi Jain	“A comparative Study on Factors affecting Employability of graduates in rural and urban areas of Jabalpur district.”Volume-XIII Issue-III, No.4.The UGC Care group Ijournal „Juni Khyat“, ISSN: 2278-4632
Ms.Nidhi Rajak	A study on mentoring of undergraduate student:A Pragmatic Approach Education Journal Volume 11, Issue 5, September 2022, Pages: 254-258, SciencePG Education Journal
Ms.Nidhi Rajak	“A comparative Study on Factors affecting Employability of graduates in rural and urban areas of Jabalpur district.”Volume-XIII Issue-III, No.4.the UGC Care group Ijournal „Juni Khyat“, ISSN: 2278-4632
Dr. Priya Sahani	Recent Changes in employees expectations with reference to Quality of Work Life ..EPRA International Journal of Economics ,Business and Management Studies (EBMS), ISSN 2347-4378,Impact Factor 8.048 .
Mr. Jatin Anand	An Analytical Study To Determine The Factors Affecting Perception Of LOHAS Consumers, UGC Care group I journal „Juni Khyat“, ISSN: 2278-4632

10. Number of publications

Papers published in peer reviewed journals	SCOPUS, Web of Science Indexing Papers	Citations	h-index	Impact factor range/Average Impact factor
12		02		01

11. Chapter in Books

Author Name	Name of Book	ISBN
Dr. Sonal Rai	“Reskilling and Upskilling for Future Industry and Business.”	978-93-91267-01-8
Dr. Rupali Ahluwalia	“Reskilling and Upskilling for Future Industry and Business.”	978-93-91267-01-8
Dr Tarvinder Kaur	“Reskilling and Upskilling for Future Industry and Business.”	978-93-91267-01-8
Dr. Sanjay Kumar Rajak	“Reskilling and Upskilling for Future Industry and Business.”	978-93-91267-01-8



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Dr. Ashu Jain	“Reskilling and Upskilling for Future Industry and Business.” Impact of NEP 2020 on Higher Education	978-93-91267-01-8
Dr. Dilip Koshta	भारिय अर्थव्यवस्ा भडवष्य, अवसर एवं चुनोडिया राष्ट्रीय डशक्षा नीडि - 2020 “Reskilling and Up-skilling for Future Industry and Business.” ISBN 978-93-91267-01-8	978-93-91267-01-8
Dr. Sunil Kumar Tiwari	राष्ट्रीय डशक्षा नीडि - 2020 भारिय अर्थव्यवस्ा भडवष्य, अवसर एवं चुनोडिया	
Dr. Pooja Gupta	“Reskilling and Upskilling for Future Industry and Business.”	978-93-91267-01-8
Dr. Yogesh Ashar	“Reskilling and Upskilling for Future Industry and Business.” राष्ट्रीय डशक्षा नीडि - 2020	978-93-91267-01-8
Dr. Kudshiya Raza	“Reskilling and Upskilling for Future Industry and Business.”	978-93-91267-01-8
Dr. .Nidhi Khurana	“Reskilling and Upskilling for Future Industry and Business.” Sustaianble Business Practices in VUCA World	978-93-91267-01-8
Dr. Komal Rawat	“Reskilling and Upskilling for Future Industry and Business.”	978-93-91267-01-8
Dr. Sarita Goel	“Reskilling and Upskilling for Future Industry and Business.” Impact of NEP 2020 on Higher Education. Role of MSME in Sustainable Development. Impact of NEP 2020 on Higher Education	978-93-91267-01-8
Dr. Ekta Mukar	Role of MSME In Sustainable Development	
Ms. Nidhi Rajak	Innovation in present scenario	
Mr. Jatin Anand	Role of MSME In Sustainable Development	

12. Edited Books

Author Name	Name of Book	ISBN
-	-	-



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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
Dr. Rupali Ahluwalia	29/12/2022	"Customer Requirement Detecting Device for Shopping Mall". Application No.- 362145-001	Nil
Dr. Tarvinder Kaur			

15. Consultancy services provided:

S. No	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. 2000
3	Dr Rupali Ahluwalia	IOT Academy	Rs. 3000
4	Dr. Tarvinder Kaur	IOT Academy	Rs. 2000
5	Dr. Ashu Jain	IOT Academy	Rs. 1000
6	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. Rupali Ahluwalia	Delivered lectures as a resource person in Miles Education
		Delivered lectures as a resource person in 6th Faculty Induction Programme on 09/04/2022 UGC-Human Resource Development Centre, Sant Gadge Baba Amravati University Served as resource person for the 7 Days National Level Faculty Development Program on "The Art of Teaching" and delivered a special lecture on Effective Teaching Techniques
		Delivered lecture entitled, Joyful Learning Methods and Strategies on 27 June 2022 in the Inter/Multi-Disciplinary Refresher Course on Teaching-learning and Assessment in Higher Education (21 June 04 July, 2022) organized by the UGC-Human Resource Development Centre, Doctor Harisingh Gour Vishwavidyalaya, Sagar (MP).
		Delivered session on 15 October 2022 in UGC sponsored Webinar on National Education Policy (NEP)-2020 organized by UGC-Human Resource Development Centre, Sant Gadge Baba Amravati University, CUET – Common University



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		Entrance Test
		Delivered session as a Resource Person in the One Day Virtual Conference on OUTCOME-BASED EDUCATION organized by the Internal Quality Assistance Cell (IQAC) of MES College Valanchery Kerela.
		Delivered lecture entitled UGC- Effective Teaching Techniques; on 18-02-2023 in the 14 th Faculty Induction Programme (14 February 14 March, 2023) organized by the UGC-Human Resource Development Centre, Doctor Harisingh Gour Vishwavidyalaya, Sagar (MP).
		Served as Resource person in the 10 Days National Level FRP on Teaching, Learning and Research in HEI Organized from 3rd to 13th January, 2023. Date: 3rd January, 2023. Topic : Innovative Teaching Methodologies
2	Dr. Tarvinder Kaur	Delivered lecture as a resource person in 13th Faculty Induction Programme on 07/01/2023 UGC-Human Resource Development Centre, Dr. Harisingh Gaur Central University Sagar M.P.

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

Activity (please mention the number only)	National	International
Refresher		
Orientation		
Seminar/Conference	19	02
Workshop/FDP/Training Programme	20	01
Paper presentation	08	-

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



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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

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

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

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

Name of Faculty	Awards/Recognition received	Recognition Bodies
Dr. Rupali Ahluwalia	Excellence Teaching Award by Global Peace	EDVISHAN
	Certificate of Appreciation by IMA India Student Case Competition	US CMA
Dr. Tarvinder Kaur	Excellence Teaching Award by Global Peace	EDVISHAN
Dr. Ashu Jain	Best Teacher Award	Antara Shabd Shakti Prakashan
	Global Peace Award	EDVISHAN

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	Madhavi Lalwani	1 in Poster	College Level
2	Shreya Mishra	2 in Poster	College Level
3	Injala Khan	3 in speech	College Level

Co-curricular:

S. No	Name of Student	Awards/Recognition received	Recognition Bodies
1	Vanshika Namdeo	International & National level Wushu Champion	Khelo India
2	Tanya Jatav	National level Wushu Champion	Khelo India
3	Yashika Sharma	Powerlifting	International level & All India University level



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

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

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.Com Ist Sem (Business Economics)	88	80	8	-	91
2	B.Com I st Sem (Banking & Insurance)	215	182	25	08	84.65
3	B.Com Ist Sem (Advertisement & Maths)	151	106	21	24	70.6
4	B.Com Ist Sem (Data Processing)	350	265	69	16	75.7
5	B.Com Ist Sem (NCC)	28	28	-	-	100
TOTAL ----- >		832	661	123	48	79.4

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.Com IInd Year (Applied Economics)	91	74	17	-	81.31
2	B.Com IInd Year (Corporate Law)	40	40	-	-	100
3	B.Com IInd Year (FMO)	101	95	6	-	94
4	B.Com IInd Year (POM)	434	424	6	4	97.6
5	B.Com IInd Year (NCC)	32	30	-	2	93.75
6	ASP.net	218	191	23	4	87.6
TOTAL ----- >						93.3



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UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.Com IIIrd Year (Honrs.)	117	116	1	-	99.15
2	B.Com IIIrd Year (Computer Application)	232	229	02	01	98.7
3	B.Com IIIrd Year (Tax)	289	286	01	02	98.96
4	B.Com IIIrd Year (Applied Economics)	254	251	02	01	98.81
TOTAL ----->						

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.Com. I Sem.	59	58	-	1	98.31

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.Com. II Sem.	40	40	-	-	100

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.Com. III Sem.	51	51	-	-	100

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.Com. IV Sem.	48	45	3	-	93.75



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

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. Make one of the B. Com sections to a professional section.
5. 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 2023,
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 .
5. Entrepreneurship Development to be focused on.
6. Consultancy through revenue-sharing mechanism to be encouraged.
7. Increase the number of functional MoUs.

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.



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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 20 members out of which 17 are PhD holders, 1 is net qualified and 2 are registered for PhD.
2. Huge demand for the Commerce and Add on courses offered by the department more than any other faculty.
3. The Department is involved in linkages with Industries and outside institutes to bridge the gap between academia and industry.
4. Different vertical choices are offered to students as per NEP. (Banking, Advertising , Data Processing and Management)
5. Add-on courses / certificate courses in Taxation and GST
6. The Department is focused towards excelling the skills and capacity in international and national levels.
7. The dropout rate is very less as compared to other streams and faculties.
8. During pandemic, to ease in learning, the Department had recorded and uploaded more than 800 lectures on college website.
9. The Department has the advantage of technology integrated in the classrooms for instruction and it also maintains departmental library for under privileged students.
10. Mentoring and guiding students for further career opportunities.

WEAKNESS

1. Less research and publication on International and Scopus indexed journals.
2. Opportunities of campus placements are less.
3. The Department is not having much Alumni contribution.
4. Fewer Industries available in Local Area for Industrial exposure of students.

OPPORTUNITIES

1. To apply for more research grants for projects/ seminars.



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

CHALLENGES

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

26. Future Plan:

Short Term Plan (12 Months)

1. To establish Research Center of Commerce.
2. Industrial MoUs for students internship and project as per NEP.
3. Faculty Development Program on Academic Leadership.
4. International Seminar on Sustainable and winning Business Practices in VUCA World.
5. Student Workshop on Financial Literacy.
6. 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.
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: 1:50
2. Number of teaching posts sanctioned, filled and vacant:

Designation	Sanctioned	Filled
Assistant Professor	22	22

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

Name	Designation	Qualifications	eaching/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. Ashu Jain	Coordinator (Elective Subject)	M.Com., M.B.A., PhD	15	Confirmed
Dr. Preeti Jain	Assistant professor	M.Com., NET, PhD	17	Confirmed
Dr. Sanjay Rajak	Coordinator (Major Subject)	M.Com., PhD	17	Confirmed
Dr. Sunil Tiwari	Assistant professor	M.Com., PhD	16	Confirmed
Dr. Dileep Koshta	Coordinator (Minor Subject)	M.Com., SLET, PhD	12	Confirmed
Dr. Pooja Gupta	Assistant Professor	M.B.A., M.Com., PhD	13	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
Dr. Surbhi Jain	Assistant professor	M.Com., Ph.D.	7	Confirmed
Dr. Ekta Mukar	Assistant professor	M.Com., MBA, Ph.D.	15	
Dr. Priya Sahni	Assistant professor	M.Com., M.A., NET, Ph.D.	10	



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Ms Nidhi Rajak	Assistant professor	M.Com., MBA, PGDIBO, Ph.D.	02	Confirmed
Mr. Jatin Anand	Assistant professor	M.Com	01	
Mr. Manish John Bara	Assistant professor	M.Com., NET	01	

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
25	01	01	-

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	1033	895	0	445	450	895
PG	61	49	0	15	34	49

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.	98	02	-	Nil
M.COM	100	-	-	Nil

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

Programme	% proceeded for higher studies	% of students placed
B.COM.	68	8
M.COM	10	25

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

- Central Library Books and Journals, etc., relevant to Department** - (total- 18331+ 825) for this year
- Online (books, journals etc.) Subscribed** - Inlibnet, Delnet, American Library, PDFchm.net, NDLI.
- Computers and Internet facilities for staff** -06 Desktops, 14 laptops
- Total number of class rooms**- 20
- Class rooms with ICT facility** - 20
- Students' laboratory** -02 (for Computer Application Students)



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g) Research laboratories- EPWRF

h) Any other facility-

ACADEMIC & ADMINISTRATIVE AUDIT

Year 2022-23

10. Laboratory Facilities

Items Procured- 2022-23

S. No	Name of Item	Configuration	Quantity
	Nil		

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

Signature St. Aloysius' College

Jabalpur

Name - Dr. Rupali Ahluwalia

Date:13/10/2023



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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 and II Semester	1. Data Processing Software 2. Basics of Programming methodology and database 3 MS Office 4 Computer Fundamentals
B.Com	I and II Semester	1. Data Processing Software 2. Basics of Programming methodology and Database
B.Sc (CS)	I and II Semester	1. Computer System Architecture 2. Programming in C++ and Data Structure 3. MS Office 4. Computer Fundamentals
B.Sc (CA)	I and II Semester	1. Programming in C 2. Data Processing Software 3. MS Office 4. Computer Fundamentals
B.Sc II yr		1. Web designing 2. Programming in C 3. Computer networks and trouble shooting
BCA II yr		1. IoT 2. E-Commerce 3. Organizational Behaviour. 4. Operations Research
M.Sc III		1. Artificial Intelligence 2. Cyber Security 3. Digital Marketing
M.Sc IV		1. Software Project Management 2. TCP/IP 3. Data Science and Machine Learning
BA/B.Com II year		1. Introduction of ASP.Net and C#



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

Program	Year /sem	Course	Activity
BCA	I Sem	Data Visualization using Spreadsheet	Designed a Spreadsheet for Literacy rate in India and visualize the result for further data analysis
BCA	III Sem	Internet of Things	Lecture on "IoT cloud based service" and "Network function visualization".
BCA	III year	Cloud Computing	Expert talk on "Cloud Analytics".
BCom	II 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	Case study on "Security policies in Jabalpur Region"
	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.

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

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. Arifa Anjum	15
B.Com I and B.Com II Semester		1.Data Processing Software 2.Basics of Programming methodology and database	Mrs. Shradha Soni Ms. Arifa Anjum	85 80
			Mrs. Kajal Mahawar	50
B.Sc (CS) I Sem and II			Ms Mala Das	40
BCA I sem and	Computer Science	Basics of Computer	Ms. Mala Das	33



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II Sem				
M.Sc (CS) I Sem		Java and web technology	Mrs. Khushbu Gupta	14

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	30
B.Com	I and II Sem		1. Data Processing Software	1. Mrs. Shradha Soni	90
			2. Basics of programming methodology and Data	Mrs. Kajal Mahawar	85
B.Com	II	Computer Application	Introduction to ASP.Net and C#	Mrs. Arifa Anjum	75
B.Com	III		PHP	Mrs. Sukhvinder Kaur Walia	50
B.Sc (CS)	I and II Sem	Computer Science	Computer System Architecure	Ms. Mala Das	30
B.Sc (CS)	II				
BA	I and II Sem	Computer Application	1. Data Processing Software 2. Basics of Programming Methodology and Database	Mrs. Arifa Anjum	20
BA	II		Introduction to ASP.Net and C#	Mrs. Kajal Mahawar	6
BA	III		Database Management System	Mr. Amit Kumar Yadav	5

a. **What is the method for conducting internal evaluation?**

Offline Mode:- Written Test, Practical Test, Practical Viva, Mini Projects, Major Projects, 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:**



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Title of Programme (Guest Lecture/ Seminar /Workshop)	Expert Person	Date	Number of Participants
5 Days IOT Workshop	Vivek Singh, Director, Eagle Foundation Logical Lab Private Limited, Jabalpur, MP.	3 rd to 10 th January, 2023	50
Workshop on Developing Games using Python	Vivek Singh, Director, Eagle Foundation Logical Lab Private Limited, Jabalpur, MP.	17 th December, 2022	105
Hands on training on Digital Marketing	Mr. Gyanendra Singh, Cognic System Private Limited, Jabalpur	15 th Feb to 5 th March, 2023	35
Skill Enhancement Programme Hands on training on Python	1. Mr. Ankur Srivastava, web developer and Robotics expert at Redevelopers Automate solution Pvt. Ltd. & 2. Ms. Poorvi Gupta, Technology Analyst at Infosys	22 nd August to 26 th August 2022	60

f. Teaching and learning reforms:

- Mind Mapping
- Brain Storming
- Explanation method
- Lecture Cum Demonstration
- Assignment Method
- Group Discussion
- Explanatory
- Just in time teaching
- Experiential learning

g. Internal Assessment reforms:

- Skill assessment Practical Test
- Major/field Project follow up
- Debugging Exercise
- Technical Presentation
- Peer Learning and evaluation
- Internship follow-up

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

Number of Teachers	Sanctioned	Filled
15	01	01



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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. 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)
Red Hat Certified System Administrator	Rostris Infotech Private Limited, Bangalore, India	Expert talk on career prospects in Linux
B.Sc (CS) –I Year	Dawe Brothers	Internship on Internet of Things
Hands on training on digital marketing	Cognic System Private Limited, Jabalpur.	Internship on Digital Marketing.

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

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

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, ration & date of anction	Amount (in Lakh)	Remarks if any
-	-	-	-	-	-

9. Research Publications

Name of Teacher	Papers published in peer reviewed journals
Ms. Kajal Mahawar	A Comparative Study on Student Academic Performance Prediction Using AI for Estimating Student's Success Rate in International Journal of Food and Nutritional Sciences, December, 2022, ISSN -2319 1775 https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList

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
-	-	-	-	-



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11. Chapter in Books

Author Name	Name of Book
Dr. Siby Samuel	"Artificial Intelligence in Disaster Prediction and Risk Reduction", Applied Intelligence in Human-Computer Interaction, CRC Press, pp 83- 96, ISBN 9781032392769

12. Edited Books

Author Name	Book Titled
-	-

13. Self-Authored Book

Author Name	Book Titled
-	-

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

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

15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated
1.	Mr. Amit Kumar Yadav	Diploma course in Computer Application	2,20,000/-
2	Dr. Siby Samuel	Seminar Expert St. Francis De Sales College, Nagpur	3000
3.	Mr. Rejeshwar Rao	Internship for Home Science College Jabalpur students	30,000/-
4.	Mr. Swapnil Justin	Workshop on Internet of things	9000/-
5	Ms. Arifa Anjum	Internship on Digital Marketing	27,500/-

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

S.No	Name of the teacher	Programme
1.	Dr. Siby Samuel	https://drive.google.com/file/d/1tv1rid24x-ae9JCF2LiF-WtIIQB04M00/view?usp=sharing

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	4	15
Workshop/FDP/Training Programme	10	Nil
Paper presentation	2	



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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.	Siby Samuel	Member of Observation team of Self Study Report and its Result at St. Francis De Sale College, Nagpur. https://drive.google.com/file/d/13MDLRgaKbwcpihR2h3IHmZRET9DvwemY/view?usp=sharing

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
-	-	-

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	Ms. Falguni	Participated in solo singing competition organized by the Madhya Pradesh Inter University State Level youth festival organized from 16 th -18 th and secured the first position.	Barkatullah University, Bhopal, M.P
2	Ms. Kritika Bichpuriya	Participated in 19 th Junior State Archery Association Jabalpur and secured 2 nd position.	Madhya Pradesh Amateur Archery Association

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

S. No	Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	State/National/ International	Dates
1	Advancement in Physical, Mathematical and Computation Sciences	Self	136	International	24th -25th June
2.	Workshop on Internet of Things	Self	70	Local	3 rd -10 th Jan,2023



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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	BCA I and II Sem	60	56	2	4	96%
2	B. Sc(CS)I and II Sem	40	37	4	3	97%
3	B.Com (CA)I and II Sem	350	342	28	8	94%
4	BA I and II Sem	33	30	3	3	97%
5	B.Sc (CA)	N/A	N/A	N/A	N/A	N/A
TOTAL ----- >		483	465	37	18	96%

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BCA	58	55	2	01	99%
2	B.Sc (CS)	65	62	9	3	97%
3	B.Sc(CA)	N/A	N/A	N/A	N/A	N/A
4	B.Com	220	217	14	3	96%
5	BA	22	18	4	4	93%
TOTAL ----- >		365	352	29	11	96%

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BCA	57	57	Nil	Nil	100%
2	BCom	225	223	6	2	98%
3	B.Sc(CS)	97	93	7	4	96%
4	BA	20	18	3	2	98%
5	B.Sc(CA)	N/A	N/A	N/A	N/A	N/A
TOTAL ----- >		399	391	16	8	98%

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.Sc (CS)	20	20	Nil	Nil	100%



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PG Second semester

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Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.Sc (CS)	20	20	Nil	Nil	100%

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.Sc (CS)	20	20	Nil	Nil	100%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
M.Sc (CS)	20	20	Nil	Nil	100%

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

S. No	Proposed Activity	Proposed Date	Teacher In charge	Meets with criteria
1	Bridge classes	4 th July to 20 th July	All subject teachers	Criteria II and V
2	Board of study meeting	28 th July 2022	Mr. J.RajeshwarRao	Criteria I
3	Guest Lecture on "Artificial Intelligence and Machine Learning Career Prospects"	2 nd August 2022	Mr. Jitendra Jain	Employability skills(criteria I)
4	Five days training program on "IoT and Machine Learning: tools and techniques"	23 rd August to 27 th August 2022	Mr. Swapnil Justin	Entrepreneurships skills
5	Hands on Training for "Basics of python"	17 th September 2022	Ms. Mala Das	Skill enhancement (School students)
6	Commencement of Diploma courses	15 th September	Mr. Amit Yadav	Add on course
7	Two days' workshop on "Securing data from cybercrimes integrating human values " only for girls students	23 rd and 24 th of September	Mrs. Arifa Anjum	Gender equity and professional ethics(Criteria III)
8	Remedial Classes	Second week of Feb	Mrs. Khushboo Gupta	Criteria II and V
9	Two days expert talk on "Research Methodology in Computer Science" for PG students	24 th Feb 2023 and 25 th Feb 2023	Mrs. Khushboo Gupta	Criteria VI Research awareness program S
10	Expert talk on "Waste Management" in collaboration with Smart City. (in schools)	28 th Feb 2023	Mr. Swapnil Justin	Outreach program in collaboration with industry "tools and technology"



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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	15	15

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

Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
Dr. Siby Samuel	Assistant Professor	MCA, MPHIL, Ph.D	18	Permanent
Mrs. Sukvinder Walia		M.Sc, M.Phil	18	
Mrs. Khushbu Gupta		M.Phil	15	
Mr. J. Rajeshwar Rao		MCA	12	
Mr. Amit K. Yadav		MCA,M.Tech.	12	
Mr. Ankit Dubey		Ph.D	12	
Ms. Mala Das		M.Sc, MPhil	12	
Mrs. ShradhaSoni		MCA,UGC-Net	11	
Mrs. SarojJunghare		MSc(CS),M.Phil(CS)	10	
Mr. Prakash Lange		M.Sc(CS)	9	
Mrs. Arifa Anjum		M.Sc(CS)	8	
Mr. Swapnil Justin		M.Phil,M.Sc(CS)	7	
Ms. Anjali Jagwani		M.Sc(CS)	4	
Mr. Jitendra Jain		M.Sc(CS)	4	
Ms. Kajal Mahawar		M.Sc(CS)	1	

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
Dr. 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)	Mr. Ankit Dubey (RGPV,Bhopal)		
Ms. Mala Das (RDVV)			
Mr. Prakash Kumar Lange (RDVV)			
Ms. Arifa Anjum (RDVV)			
Mr. Swapnil Justin (RDVV)			



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Ms. Anjali Jagwani (RDVV)			
Mrs. Kajal Mahawar (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	83	63	60	38	25	63
B.Sc I Sem	36	32	60	18	14	32
M.Sc (CS) I Sem	31	25	30	12	13	25

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		92	08	Nil
B.Sc (CS)I Year		96	04	Nil
M.Sc (CS) I Year	95	5	Nil	Nil

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

Programme	%proceeded for higher studies	%of students placed
B.Com III Year	69	14
BCA III Year	35	7
B.SC(CS) III Year	24	6

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

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

Books:- 5701

Journal-4

E-Books:-23120

E-Jouranl-701

Magazine-3

b) Online (books, journals etc.) Subscribed-04

c) Computers and Internet facilities for staff -Comp-06 with Wi-Fi facility, Laptops, Document Camera , Handfree, Bluetooth , Printer

d) Total number of classrooms 6

e) Classrooms with ICT facility 6

f) Students' laboratory -04

g) Research laboratories -01

h) Any other facility -: Electronic Podium, Touchpad, Projector

9. Department-wise Purchase Budget and expenditure details:

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



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**ACADEMIC & ADMINISTRATIVE AUDIT
Year 2022-23**

& Star College Scheme by DBT

**10. Laboratory Facilities
Items Procured- 2022-23**

S. No	Name of Item	Configuration	Quantity
1	Laptop connectors		5

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

2. Weakness

- Involving under graduate students in research.Lack of collaborative research/projects among the faculty member.
- Lack of activities between faculty, students and industry
- Sponsored/non-sponsored research projects
- Research infrastructure

3. Opportunities

- Starting new courses B.Sc (AI)

4. Challenges

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

27. Future Plan:

- International conference on “Recent trends in Data Mining”
- National Workshop on “IoT and Machine Learning”.

Declaration by the Head of the Department

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

Signature

Name: S. K. Walia

Date: 25/10/23

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ACADEMIC AUDIT

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

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

Program	Semester / year		Electives
	Semester	Paper	Paper
MA Economics	BA I & II Sem.	II Major/Minor/Electives	1. Micro Economics 2. Indian Economy
	BA II Year	II Major/Minor/Electives	Money Banking and Public Finance
	All Streams	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)
	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)

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

Program	Year /sem	Course	Activity
BA	II Year (Major)	Macro Economics	Field work/Internship/Community Services
BA/BBA/B.Sc., B.Com.	II Year	Vocational Course on "Export Import Management"	Field Work/Project Work
MA	II Semester	Statistical Inferences and Research	Field Survey



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		Methodology	
MA	IV Semester	Rural Development	Project Work/Internship/Field Survey

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, they were asked to suggest some new topics of future importance.

Alumni:

- The alumni suggested that adding the current economic issues on the current curriculum.

Parents & Employers:

- It was suggested in the feedback that some more practical aspects of various papers should be included.

2. Action Taken report:

Students:

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

Alumni:

- Review and follow-up action is taken. Under which added some current economic issues on the current syllabus.

Parents & Employers:

- Incorporated changes in the curriculum at the Board of studies. Included various topics related to entrepreneurship and employability skills development.

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	Economics Paper I (Major/Minor/Electives)	Dr. Reeta Chouhan	112

Remedial Course

Program	Year / Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
Arts/ Science	I Yr.	BA I Year (Major/Minor/Elective)	Economics	Dr. Reeta Chouhan	27
	II Yr.	BA/BSC II	Economics	Dr. Anthonima K. Robin	31
	III Yr.	BA/BSC III	Economics	Dr. Renu Markande	37



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f. List the methods for conducting internal evaluation?

1. Writing and Publication of Research Paper
2. Case Study
3. Class Seminars
4. Tutorials,
5. Class Tests,
6. Power Point Presentation on current economic issues,
7. Poster Presentations,
8. Role Play
9. Publication of News Letter
10. 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	Ms. Poonam Garg	1/10/2022	35

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.

i. Internal Assessment reforms:

Case Study, Class tests, Assignments, Projects, Field Survey, Internship, Community Services, Tutorial, Editorial and Research Paper Review, Writing and Publication of Research Paper, Poster Presentation, Open ended questionnaire etc.

j. Best practices in Teaching and learning:

- Development of E-content
- Power Point Presentations
- Use of Educational Videos



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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	Advertisement and Sales Promotion	01	35	35

l. Details of Functional MoUs'

S. No.	Name of the Institution	Activities organized	No. of students participated
1	Kadam Institute, Jabalpur	Environmental celebration on 'No Gender Only Human'	26
2	Hope Faith (Samridhi Mitra)	Field Survey	31

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. 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.

6. Courses conducted in collaboration with Industries and Institutions:

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

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

Programme	Examination System
UG (BA I & II Sem.)	CBCS
UG (BA II & III year)	Annual
PG (MA Economics)	CBCS



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

S. No	Name of the Principle Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
1	Dr. Reeta Chouhan	"Role of Rural Livelihood Diversification To Reduce Farm Distress: A Case Study Of Madhya Pradesh"	ICSSR 30/12/2019 (2 Years extension period due to Covid-19)	Rs. 6,90,000 /-	Ongoing

9. Research Publications

Name of Teacher	Details of Papers published in peer reviewed journals (UGC / Scopus)
Dr. Reeta Chouhan & Ms. Deeksha Jain	1. "Make in India in Current Economic Scenario", Published in 'International Journal of Research and Analytical Reviews', E-ISSN: 2348-1269, P-ISSN: 2349-5138, Vol.- 10, Issue-1, January, 2023. 2. Priority Areas of India at G20 Presidency: An Overview" Published in 'Pune Research World: An International Journal of Multidisciplinary Studies', ISSN: 2455-359X, Vol.8, Issue-1, March-May, 2023.
Dr. Anthonima K. Robin & Dr. Renu Markande	1. Research Paper published entitled "Role Of Industries In The Livelihood of Surrounding Rural Areas: An Overview", in International Multidisciplinary Journal, ISSN: 2455-314X, Volume 9, Issue 1, February to March, 2023. 2. Research Paper published entitled "Role Of Aatmanirbhar Bharat for Enhancement of Small Scale Industries:- An Overview", in Juni Khyat Journal, ISSN: 2278-4632, Volume 13, Issue 15, No 1, May, 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
-	-	-	-	-

11. Chapter in Books

Author Name	Name of Book	ISBN
Dr. Reeta Chouhan	▪ "Labour Rights of Migrant Labours in India: An Overview" in 'Migrant Labour: Issues and Challenges', (Edited by Dr. Fr. Valan Arasu and Dr. Elena Philip), ISBN: 978-93-92367-33-9, Shree Vinayak Publication, Agra, 2022.	ISBN: 978-93-92367-33-9
Dr. Anthonima Robin	▪ "Impact of National Education Policy 2020 on Higher Education", National Education Policy (NEP) 2020, SRF Research Journal & Book Publication House, Issue 1, Page No. 86-92, 2023.	ISBN: 978-93-92079-25-2



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Dr. Renu Markande	<ul style="list-style-type: none"> “Role of National Education Policy in Fostering Skill Development And Vocational Training” in the National Education Policy 2020, SRF Research Journal & Book Publication House, 20 Seva Pathh Sanjeeni Nagar Graha Jabalpur M.P., Pg. No 111-115, 2023. 	ISBN-.978-93-92079-2
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12. Edited Books

Author Name	Name of Book	ISBN
Dr. Fr. J. G. Vazhan Arasu	“Reskilling and Upskilling for Future Industry and Business”,	978-93-91267-01-8
	“Kavya Rishi dwara Sandeep or Neeraj ki Rachnao me Rastravad avam Samajik Sarokar”	978-93-92850- 8-4
	“Covid 19 Challenges and Management”.	978-93-91267-59-9

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. Reeta Chouhan	<ol style="list-style-type: none"> Served as Resource Person for the seven days National level FDP on “NAAC Assessment and Accreditation” organized by IOT Academy, Coimbatore, Tamilnadu and delivered a session on the topic ‘Teaching-Learning and Evaluation’ on 22nd June 2022. Delivered a lecture on “Reflective Teaching” in the Inter/ Multi-Disciplinary refresher course on ‘ Teaching- Learning and Assessment in Higher Education’ organized by UGC- Human Resource Development Centre, Doctor Harisingh Gaur Vishwavidyalaya, Sagar (MP) on 28st June 2022. Delivered a lecture on “Chi Square Test” in a Five Days National Workshop on ‘Research Methodologies in Social Sciences’, organized by Govt. Mahakoushal Arts and Commerce College, Jabalpur from 13th -17th February, 2023.



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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	<ol style="list-style-type: none">1. National webinar on the topic "New Dimensions of Indian Economy"; organised by Department of Economics, S.S.L.N Govt. Penchvalley P.G. College Parasia, Chhindwara M.P. (INDIA) held on 13th February, 2023.2. "Kavi Neeraj ki Kavita mei Bhartiya Samaaj mei Vyaapt Aarthik Asamaantao ka Vishleshan", in the two day National seminar on "Kaavya Rishi Dway Pradeep aur Neeraj Ki Rachnao mei Raashtrawaad evam Saamajik Sarokaar", sponsored by ICSSR, New Delhi, organized by Department of Hindi, St. Aloysius College (Autonomous), Jabalpur on 17th & 18th March, 2023.	
Workshop/FDP/Training Programme		
Paper presentation	<ol style="list-style-type: none">1 "National Education Policy: A tool to enhance Skill and Employability", in the two day National seminar on "New Education Policy 2020: A Powerful Tool to Re-establish Bharat as Vishwa Guru", sponsored by ICSSR, New Delhi, organized by Department of Political Science, St. Aloysius College (Autonomous), Jabalpur on 27th & 28th January, 2023.2 Presented Research Paper in National Seminar "New Educational Policy 2020: A Powerful Tool to Re-Establish Bharat as Vishwa Guru", organized by IQAC & Department of Political Science, St. Aloysius College (Autonomous), Jabalpur, M.P. 27th & 28th January, 2023.3. Presented Research Paper in National Conference on "Skill Development and Role of Vocational Training for the future Growth of College students" organized by ICSSR & Department of Political Science, St. Aloysius College (Autonomous), Jabalpur, M.P. 16th -17th January, 20234. Presented Research Paper in National Conference on "New Education Policy 2020: A Powerful Tool to Re-establish Bharat as Vishwa Guru" organized by ICSSR & Department of Political Science, St. Aloysius College (Autonomous), Jabalpur, M.P. 16th -17th January, 2023.	

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	<ol style="list-style-type: none">1. Member, XAVIER Board2. Vice-President, AIACHE3. Member in MP Higher Education, Bhopal
2	Dr. Reeta Chouhan	<ol style="list-style-type: none">1. Member of MPEA



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

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

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

Name of Faculty	Awards/Recognition received	Recognition Bodies
Dr. Fr. J. G. Vazhan Arasu	For Contribution in Environmental Celebrations	Kadam Foundation, Jabalpur
Dr. Reeta Chouhan		
Dr. Anthonima Robin		
Dr. Renu markande		
Ms. Deeksha Jain		

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

Curricular activities:

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

Co-curricular:

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

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

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

23. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D. Lit: No

24. Subject-wise Results:

UG First year/Semester



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S.NO	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BA I & II Sem. Major	109	108	01	-	99.09%
TOTAL----->						

UG Second year

S.NO	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BA II Economics Major	111	110	01	-	99.09%
TOTAL----- >						

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BA III Economics	132	131	-	01	99.09%
TOTAL ----->						

PG First semester

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

PG Second semester

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

PG Third semester

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

PG Fourth semester



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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 Diagnostic Test Academic
August, 2023	Environmental Awareness Programme with Kadam Institution
	MOU with Event Management
	Project preparation
September, 2023	Guest Lecture
	Add on Course "Advertisement And Sales Promotion"
October, 2023	Research paper Review by PG students
	Field Survey & Case Study
November, 2023	Internship program
	Presentation on Noble Prize in Economic Sciences
December, 2023	Quiz Competition
	Publication of Departmental News Letter
	Economics Awareness Program
January, 2024	Joy of giving week celebration
	Swami Vivekananda Jayanti celebration
	Industrial Visits
	BOS Meeting
February, 2024	Guest Lecture
	Competitive Exam Class by Gautam Academy
	Discussion on Economics Survey
	Annual Budget Analysis



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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	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
Rev. Dr. G. Vazhan Arasu	Principal	M.A., MBA, M. Phil., B. Th., Ph.D	22 Years	Principal
Dr. Reeta Chouhan	HoD	M.A., B.Ed., M.Phil., Ph.D	19Years	Assistant Professor
Dr. Anthonima K. Robin	Asst. Professor	M.A., M.Phil., Ph.D	16 Years	Assistant Professor
Dr. Renu Markande	Asst. Professor	M.A., M.Ed., NET, Ph.D	16 Years	Assistant Professor
Ms. Deeksha Jain	Asst. Professor	M.A., NET,	01 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	-	-	-

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

Post	Sanctioned	Filled	Actual
NA	NA	NA	NA

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



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UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
UG	69	59	60	16	43	59
P.G	41	30	30	03	27	30

7. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG	NA	NA	98%	2%
PG	94%	6%	NA	NA

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

Programme	% proceeded for higher studies	% of students placed
PG	20	30

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

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

Item	Number	Cost
Text Books	38	15518/-
Reference Books	9	7190/-

b) Online (books, journals etc.) Subscribed

Journals available (Physically): 20

e-Journals through e-resources: 1470

e-books through e-resources: 25560

c) Computers and Internet facilities for staff - 3 Laptops and 1 PC

d) Total number of class rooms - 05

e) Class rooms with ICT facility- 05

f) Students' laboratory- NA

g) Research laboratories- NA

h) Any other facility- SPSS

10. Laboratory Facilities



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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.

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

Signature:

Date: 05/10/2023

Name: Dr. Reeta Chouhan



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ACADEMIC AUDIT

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

2. Year of establishment: **1951**

3. Curricular Aspects:

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

Program	Semester / year	Electives
MA	III & IV SEMESTER	<p>Core Electives:</p> <ol style="list-style-type: none">1. American Literature2. Indian Writings in English <p>Open Electives:</p> <ol style="list-style-type: none">1. Fundamentals of Communication (MA III Sem.)2. Trends and Techniques of Effective Communication (MA IV Sem.)

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

Program	Year /Sem.	Course	Activity
MA	III Sem.	English Literature	Projects/ Internships/ community services/ Skill Development Course
FE	II/III Year	Functional English	Practicals / Practice sessions on LSRW/SPEECH SKILLS/Courses run on Spoken English for students of All Streams

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:

- Students requested for conducting FC classes bilingually which was accommodated
- Poems by regional writers were included as suggested by students
- To cater to the needs of improving editing and proofreading skills a workshop was arranged.
- Phonetics training for PG students in language lab



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

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

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
BBA	PAPER: FC-II	ENGLISH	DR NEELANJANA PATHAK	100
BA	ELECTIVE	FUNCTIONAL ENGLISH		11
		FUNCTIONAL ENGLISH		11
		FUNCTIONAL ENGLISH		12
		FUNCTIONAL ENGLISH		70
MA	PAPER I	POETRY		11
		POETRY		16
		POETRY		15
		POETRY		16
	PAPER I,II,III &IV	POETRY/DRAMA/ FICTION/PROSE		13
		POETRY/DRAMA/ FICTION/PROSE	14	
	PAPER II	FICTION	DR SOMA GUHA DAS	16
				18
				16
				18
PAPER IV	PROSE	DR NIHARIKA SINGH	9	
			10	
			12	
			14	
			10	
			10	



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Remedial Course

Program	Year/Sem.	Course	Subject	Teacher In-charge	No. of Students benefitted
BA	II YR	Elective	Functional English	Dr Neelanjana Pathak	12/25
					16/25
					11/25
					12/25
					13/25
					11/25
					16/25
BA	I SEM	Minor/Elective	Functional English	Dr Niharika Singh	11/27
					12/27
					10/27
					9/27
					10/31
					22/31
					22/31
BA	II YR		PROSE	Dr Niharika Singh	17/36
					10/36
					09/36
					27/36
BA	III YR	Functional English	Writing Skills	Dr Soma Guha Das	16/20
					17/20
					13/20
					14/20
					16/20
BA	III YR	English Literature	Paper Ii-Poetry	Mr Viraj Singh Yadav	23/110
					21/110
					28/110
B.Com	I SEM	Foundation Course	Paper Ii-English Language & Indian Culture	Mr Viraj Singh Yadav	55
					49
					50



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f. List the methods for conducting Internal evaluation?

Internal evaluation in MA was conducted by the teacher in-charges of papers. The teachers used various modes like written test, PowerPoint presentations and submissions, blackboard teaching, role play, assignment submissions etc.

Internal Evaluation in undergraduate classes was conducted thrice in BA I (Semester I, II) via MCQ based assignment and centralised test; in BA II Year internal evaluation was done four times via written test, review writing, PPT presentation and oral presentations. In BA III year internals are conducted at two levels- quarterly and half yearly. In the final year (English Literature) the subject evaluation was done via assignment submissions, written test and short role play videos. In the final year (Functional English) group discussions, micro teaching and PPT submissions were conducted for assessment.

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 Student's Cultural Exchange Programme	Mr. Drew Brandon, Project Manager, Edlink Bhopal	12 JULY 2022	56
Guest Lecture on "A Career in Journalism: The What, Why and How"	Mr. Sapnil Joglekar, Chief Copy Editor, Business Standard, New Delhi	4 AUGUST 2022	105
Guest Lecture on Indian Writings in English	Prof Shibani Basu Dubey, Head, Dept. of English, BSSS College, BHOPAL.	26 AUGUST 2022	23
Guest Lecture on "Literature & Life"	Dr. Supriya Mandloi, Faculty, Dept. of English, BSSS College, BHOPAL	14 OCTOBER 2022	56
Workshop on "Strategies for Editing and Proofreading"	Mrs Chanella Cubbins, Faculty Dept. of English	4 FEBRUARY 2023	47

h. Teaching and learning reforms: NIL

i. Internal Assessment reforms: NIL

j. Best practices in Teaching and learning:

- The department regularly conducts bridge classes for BA I semester and MA I year.
- Orientation about the relevance of English and its role in the modern scenario is conducted by the department for the entire college.



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- CCEs are conducted using different modes to make them creative and interactive in Functional English, English Literature and Foundation Course. The focus is to bridge the divide between advance and weak learners and cater to the needs of heterogeneous groups.
- Guest Lectures were delivered by Mr. Drew Brandon, Prof Shibani Basu Dubey, and Dr. Supriya Mandloi and Alumnus Mr. Sarnil Joglekar to provide students the extra winning edge.
- An intercollegiate Workshop on Editing and Proofreading was organised for students on 4 February 2023. Ms. Chanella Cubbins was the facilitator for the same.

k. Details of Value added courses:

S.no	Name of the course	Frequency	No. of students admitted	No. of students completed successfully
1.	"Towards Better Communication: Honing LSRW Skills in English"	1	76	76

k. Details of Functional MoUs'

S. No	Name of the Institution	Activities organized	No. of students participated
1	Digvijay Singh College, Rajnandgaon, Chhattisgarh	Students joined Certificate course on "Towards Better Communication: Honing LSRW Skills in English"	08

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. Niharika Singh	Member, Board of Studies, RD University

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
M.A/M.Sc./M.Com IV SEMESTER	Ardent Knowledge	Skill Development Course- PG IV semester



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

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

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

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

9. Research Publications

Name of Teacher	Details of Papers published in peer reviewed journals (UGC / Scopus)
Dr. Neelanjana Pathak	<ul style="list-style-type: none"> Published a joint paper titled “ Breaking New Ground: Emerging Trends in Postcolonial Indian Poetry in English”, <i>International Research Journal of Management Sociology and Humanities</i>(An Internationally Indexed Peer Reviewed & Refereed Journal) ISSN 2277-9909(0)2348-9359(P)Vol.14, Issue 6 June, 2023 (Impact Factor: 7.8012(UGC Care List) Published a joint paper titled “Language and Rituals as Transcultural Motifs” <i>Poetcrit: Abstracted and Indexed in EBSCO Host, USA. Vol.35 No.2</i> (ISSN:0970-2830) July -Dec, 2022, Print Publications Pvt Ltd. New Delhi: (17-24). Published a review article titled “Verity and Versatility of Verse: Deliberations on Khandelwal’s<i>Dwelling With Denial</i>”. <i>Journal of Literature, Culture & Media Studies: Special Issue on Rajiv Khandelwal</i>, Vol.XV Issue 27,2022 ISSN-0974-7192 ed.,N.D.R.Chandra&Sangeeta G. Avachar (161-170). Published a review article titled “Verity and Versatility of Verse: Deliberations on Khandelwal’s<i>Dwelling With Denial</i>” <i>Poetcrit: Abstracted and Indexed in EBSCO Host, USA. Vol.35 No.1</i> (ISSN:0970-2830) January-June, 2022, Print Publications Pvt Ltd. New Delhi: (108-113)



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Dr. Niharika Singh	✓ Published an article on "Caste and Gender: Study in the Select Short Stories of Mahasweta Devi in UGC CARE listed Journal of <i>International Journal of Management Sociology and Humanities</i> Vol. 14, Issue -6 June 2023.(Impact Factor: 7.8012, DOI:HTTP://DOI.ORG/10.32804/IRJMSH.(UGC CARE LIST)
Dr. Soma Guha Das	• Published a joint paper titled " Breaking New Ground: Emerging Trends in Postcolonial Indian Poetry in English", <i>International Research Journal of Management Sociology and Humanities</i> (An Internationally Indexed Peer Reviewed & Refereed Journal) ISSN 2277-9909(0)2348-9359(P)Vol.14, Issue 6 June, 2023 (Impact Factor: 7.8012(UGC Care List)

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. Edited Books

Author Name	Name of Book	ISBN
Dr. Neelanjana Pathak	Published an article titled "Covid 19 Impact on Teaching Learning: Challenges and Directions", <i>SANDESHHARIKA:Prophetess 'Voice</i> ed. Rosy Baroi. Vol.7&8, April 2022-23, Women's Department Leonard Theological College, Jabalpur (M.P)	

12. Self-Authored Book

Author Name	Name of Book	ISBN
-	-	-

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

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



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14. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated
1	DR SOMA GUHA DAS	CERTIFICATE COURSE	13500/-

15. 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. Neelanjana Pathak	<p>Delivered lecture on "Stereotypes and Prejudices" on Global Education Partnership Program organized by St Aloysius College, Jabalpur, MP on 6th March, 2023 on virtual platform.</p> <p>Delivered an Invited Talk on " Interpretation of Poetry" organized by Dept. of English, under RUSA Mahakoshal Arts & Commerce College, Jabalpur, MP on Participated as moderator of International Webinar on "Literature, Culture and Society" (Sponsored by RUSA) on 6th - 7th February, 2023 organized by Mahakoshal Arts & Commerce College (Autonomous), Jabalpur, M.P.</p> <p>Delivered a virtual lecture on " Interpretation of Poetry" organized by KristuJayanti College, Bangaluru on 27th January, 2023</p> <p>Delivered Expert Talk on titled "Exploring Shades of Myriad Flavours: Discovering Dhvani and Rasas in The Hymns of Himalayas" on 6 - 8 Jan. 2023 organized by Brahmrisi Mission, Jabalpur under joint Auspices of Ministry of Culture, Govt. of India & Govt. of M.P. in collaboration with ICCR, New Delhi, IGNSA, New Delhi, World Association for Vedic Studies, Texas, USA, Municipal Corporation of Jabalpur, Ayodhya Shodh Sansthan</p>
2	Dr.Niharika Singh	<p>Invited Talk on "IC Analysis" in Govt. Mahakaushal College, Jabalpur under RUSA Mahakaushal College.</p> <p>Invited Talk on "Communication Skills" delivered at Mankuwar Bai College of Arts & Commerce, Jabalpur</p>
3	Dr. Soma Guha Das	Delivered Expert Talk on titled "Exploring Shades of Myriad Flavours:



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	Discovering Dhvani and Rasas in The Hymns of Himalayas” on 6 - 8 Jan, 2023 organized by Brahmishi Mission, Jabalpur under joint Auspices of Ministry of Culture, Govt. of India & Govt. of M.P. in collaboration with ICCR, New Delhi, IGNC, New Delhi, World Association for Vedic Studies, Texas, USA, Municipal Corporation of Jabalpur, Ayodhya Shodh Sansthan
--	--

16. 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	3	NIL
Workshop/FDP/Training Programme	1	1
Paper presentation	3	NIL

17. 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
	NIL	NIL

18. 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	Editorial Board/	<i>Contemporary Vibes</i> (International)
	Chairperson/Co-editor	3 rd Wrlld Ramayana Conference Souvenir(International)
Dr. Soma Guha Das	Editorial Board/	3 rd World Ramayana Conference Souvenir(International)



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

Name of Faculty	ards/Recognition received	Recognition Bodies
Dr. NeelanjanaPathak	"Fellow Membership"(F.H.O.L.I.)	THE HOME OF LETTERS, Bhubaneshwar,(India)2023.

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	SHARAD JAISWAL	FIRST IN DISTRICT DEBATE COMPETITION	INTER UNIVERSITIES of Madhya Pradesh

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
-	-	-	-	-	-

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

23. Subject-wise Results

UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	English Literature Sem I	72	57	15	0	79
2	Functional English Sem 1	29	22	6	1	75
3	English Literature Sem II	69	60	9	0	86
4	Functional English Sem 1	29	22	7	0	75
TOTAL ----->						



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UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	English Literature	79	75	4	0	94
2	Functional English	22	22	0	0	100
TOTAL ----->						

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	English Literature	107	107	0	0	100
2	Functional English	30	30	0	0	100
TOTAL ----->						

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
MA- ENGLISH LITERATURE	27	24	2	1	96.29

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
MA- ENGLISH LITERATURE	22	21	1	1	95.45

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
MA- ENGLISH LITERATURE	24	24	Nil	Nil	100%

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
MA- ENGLISH LITERATURE	24	24	Nil	Nil	100%



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

- ✓ Initiate a virtual course for aspiring TOFEL aspirants
- ✓ Annual leadership training program to be organised 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
- ✓ Undertaking collaborative efforts with other languages in India and abroad
- ✓ Starting a National research Journal – Whisperings.
- ✓ Organising Lit fest
- ✓ Interactive Lectures with students of different institution.
- ✓ 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

25. SWOC Analysis:

The SWOC analysis of the Department of English is as follows:

STRENGTHS

- The Department organized a Workshop on Editing and Proofreading
- Public speaking and writing skills are polished through various literary activities organized by the department.
- Effective use of ICT in the teaching-learning process.
- Student-centric functioning with mentoring, counseling through teachers, and Effective academic monitoring.
- Used Language Lab as a useful teaching tool to cater to language learners across the board
- The students are encouraged to explore beyond their prescribed curriculum by exposing them to various webinars, extension talks, guest lectures, etc., which are a regular feature of the department.
- The department is committed to providing varied exposure to students and encourages them to participate in various competitions at the district, state, and national levels.



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- 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
- 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



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- 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

26. Future Plan:

DEPARTMENT OF ENGLISH- STRATEGIC PLAN:2022-23

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 more use of English Language Lab for up skilling linguistic proficiencies of First Year students of all streams.

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



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 53:1

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

Designation	Sanctioned	Filled
ASSISTANT PROFESSOR	06	06

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

Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
Dr. Neelanjana Patil	Head	NET, Ph.D	Teaching- 37 years Research -21 years	Confirmed
Dr. Niharika Singh	Assistant Professor	MA, DCA, M.PHIL, Ph.D	Teaching-14 years Research -12 years	
Dr. Soma Guha Das		MA, M.PHIL, Ph.D	Teaching-11 years Research - 11 years	
Ms. Neha Mahawar		BE, MA, PGDSLM	Teaching- 1 year	Contractual
Ms Saumya Gupta		MA, PGDBA	Teaching- 1 year	
Mr Viraj Singh Yadav		MA	Fresher	
Ms. Chanella Cubbins		MA	Teaching- 5 years	

4. Diversity of Faculty

From the same university	From other universities within 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
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
UG	279	27	50	9	18	27



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Year 2022-23

PG	34	31	31	08	23	31
----	----	----	----	----	----	----

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	97%	NIL	3%	NIL

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

Programme	% proceeded for higher studies	% of students placed
MA	20%	45%

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

- Central Library Books and Journals, etc., relevant to Department: 4927
- Online (books, journals etc.) Subscribed for E-Resources, Inlibnet, Delnet
- Computers and Internet facilities for staff: Inlibnet, Wi-Fi Facility, Laptops
- Total number of classrooms: 1 Classroom and 1 Language Lab
- Classrooms with ICT facility: 14
- Students' laboratory: 01
- Research laboratories: NIL
- Any other facility: ETNL software

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 *Neelanjana*

Date: 20/10/2023

Name: Dr. Neelanjana Pathak

Dr. Neelanjana Pathak

Head

Department of English

St. Aloysius (Auto.) College

Jabalpur (M.P.)



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ACADEMIC & ADMINISTRATIVE AUDIT

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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
UG B.A.	BA First Semester BA Second semester BA Second year	1. Idea of Bharat 2. History of Ancient India from Early to 1205 AD 3. History of Modern India (from 1740 to 1947)

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

Program	Year /sem	Course	Activity
B.A.	Second Year	History	Field Project work/Internship/Community Based Services

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

1. Feedback report:

Students:

Majority students agree that the certificate course offered by the department is relevant.

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

Action Taken report: After the feedback analysis two topics related with local history added.

1. *Raj Shekhar and his Achievements* Second semester paper unit iv
2. *Contributions of Seth Govind Das in National freedom struggle Movement in IV Semester Paper HISTORY OF MODERN INDIA (from 1740 to 1947)*



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2022-23

- d. Number of teachers preparing & following Academic Teaching plan: 01
- 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	History	Dr. Manju Maria Solomon	51
		History	Dr. Manju Maria Solomon	122

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
B.A.	BA Sem	BA I Year (Major/Minor/Elective)	History	Dr. Manju Maria Solomon	41
	II Yr.	BA	History	Dr. Manju Maria Solomon	35
	III Yr.	BA	History	Dr. Manju Maria Solomon	40

- f. List the methods for conducting Internal evaluation?
Surprise test, Power Point Presentation, Quiz, Assignments
- g. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.: NIL

Title of Programme (Guest Lecture /Seminar/Workshop)	Expert Person	Date	Number of Participants

- h. **Teaching and learning reforms:** Students with short attendance and inadequate academic performance are counselled by faculty.
- i. **Internal Assessment reforms:** Discussions
- j. **Best practices in Teaching and learning:** on physical and mental well-being of students .
Peer mentorship is also encouraged to supplement teaching learning.
- k. **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	38	37



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k. Details of Functional MoUs'

S.No	Name of the Institution	Activities organized	No. of students participated
1	Aadhya NGO	Internship	16

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

Number of Teachers	Sanctioned	Filled
01	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)
B A	Aadhya (NGO)	Internship/Community service

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

Programme	Examination System
BA (UG)	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. Manju Maria Solomon	"Impact of Development Intervention of Socio –Cultural life of Tribal people of Madhya Pradesh And Ecotourism : A study	One Year ICSSR 28/03/2022	Rs. 3,00,000 /-	April 2023 Completed



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9. Research Publications

Name of Teacher	Details of Papers published in peer reviewed journals (UGC / Scopus)
Dr. Manju Maria Solomon	<ol style="list-style-type: none">1. Research paper published in an International Journal and Analytical Reviews IJRAR, Paper entitled "Growth and development of tribal people of Madhya Pradesh: Issues and Challenges. ISSN:2348-1269, P-ISSN2349-5138, January 20232. Research paper published in AGPE Research Journal entitled, "Virangna Rani Avanti Bai aur Mandala Shetra me Swantrta Sngam". Vol.-4. Issue-01, January 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

11. Chapter in Books

Author Name	Name of Book	ISBN
-	-	-

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
-	-	-	-



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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
-	-	-

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		1
Workshop/FDP/Training Programme		
Paper presentation		2

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
Nil		

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

Name of Faculty	Recognition received	Professional bodies and agencies National and International
Dr. Manju Maria Solomon	Member of Editorial Board	Agpe The Royal Gondwana Research Journal Maharashtra

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

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



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

Curricular activities:

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

Co-curricular:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies
1	Saloni Kirar	Archary Gold Medal	National Level Khelo India University Archery Championship
2	Amit Kumar	Archary Gold Medal	National Level

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	The department of History organized Two day National E-Conference ,with collaboration of Hind department, entitled "Bhatiyata ke Sajag Prahri Seth Govind das."28-29 June 2022	Self	92	National	28-29/06/22

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

24. Subject-wise Results

UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	BA I (Major/Minor/Elective) History	156	156	-	NIL	100%
TOTAL ----- >						



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UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	History	163	163	NIL	NIL	100%
TOTAL ----->						

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	History	211	211	NIL	NIL	100%
TOTAL ----->						

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
-					

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
-					

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
-					



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

- Gandhi Jayanti Celebrated
- Excursion (Visit to Museum)
- 3. Online Certificate course Conducted
- Workshop for Students organized -Ancient Indian Knowledge in Science
- International Conference -Attended and presented a paper

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:

- Multiple career opportunities for the students with their graduation in History as their special subject, viz. Competitive exams, Archeology and media, Social work and teaching Learning and research opportunities
- History subject offers good opportunities to prepare for UPSC, MPSC & other competitive and Entrance examination.

Challenges:

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

Future Plan:

1. To start PG Course
2. Publication of 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
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 of History	M.A., B.Ed., M.Phil., Ph.D.	19 Years	Asst. Professor

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
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
BA	279	242	258	105	137	242

7. Diversity of Students:

Name of the Programme	% of students from the same university	% of students from other universities with in the State	% of students from universities outside the State	% of students from other countries
BA			06	-



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

Programme	% proceeded for higher studies	% of students placed
-	-	-

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

- Central Library Books and Journals, etc., relevant to Department
Online (books, journals etc.) Subscribed -37 (13.904 rs.)
- Computers and Internet facilities for staff -01 Laptop
- Total number of class rooms -03
- Class rooms with ICT facility -03
- Students' laboratory -NA
- Research laboratories -yes
- Any other facility -free Internet

10. Laboratory Facilities

Items Procured- 2022-23

S. No	Name of Item	Configuration	Quantity
NA			



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2022-23

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: 15/9/2023

Name- Dr. Manju Maria Solomon



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ACADEMIC AUDIT

1. Name of the Department: Management

2. Year of establishment: 2006

3. Curricular Aspects:

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

Program	Semester / year	Electives	
BBA	I Sem	<ul style="list-style-type: none">• Communication Skills• Business Statistics• Business Mathematics	
	II Sem	<ul style="list-style-type: none">• Financial Accounting• Micro Economics• Business Management	
	II Year	<ul style="list-style-type: none">• Financial Market and Financial Services• Marketing Research• Organizational Behavior	
	III Year	Elective A: Marketing	<ul style="list-style-type: none">• Paper XVII Consumer Behavior• Paper XVIII Advertisement Management & Sales Promotion• Paper XIX Service and Digital Marketing
		Elective B: Finance	<ul style="list-style-type: none">• Paper XVII Working Capital Management• Paper XVIII Corporate Taxation• Paper XIX Security & Portfolio Management
		Elective C: HRM	<ul style="list-style-type: none">• Paper XVII Human Resource Development• Paper XVIII Wages and Salary Administration• Paper XIX Organizational Change and Organizational Development



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

Program	Year /sem	Course	Activity
Diploma	I Year (Two Semester)	Diploma in International Business	Case Studies Analysis and presentations , micro and major Projects and Surveys, Industrial Trips etc.
BBA	I	Communication Skills	Skill Enhancement Programmes- Personality Development, Communication Skills, CV Preparation, Job Application, Corporate Etiquettes, Report writing,
BBA	I Sem	Financial Accounting	Preparing preliminary Accounts, Preparing Accounts on Tally and clouds. Calculation of Net Profit and Financial Position of Business.
BBA	II	Marketing Research	Market Analysis and Survey Conduction, Undertaking Market Research, Product Research, and Customer Research. Customer Satisfaction Survey.
BBA	III	Entrepreneurship Development	Projects on Start-up, Financing of Project. Government Schemes for Young Entrepreneur.
BBA	III	Corporate Taxation	Filling of Returns, Calculation of Income Tax and Corporate Tax.

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

Students, Alumni, Parents, Employers; brief the analytical 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's are taken.

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

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

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

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



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Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
BBA	BBA I Semester	Financial Accounting	Dr. Shraddha Shrivastava	20
BBA	BBA II Semester	Financial Accounting	Dr. Shraddha Shrivastava	50

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	No. of Students benefitted
BBA	1st Year	BBA I sem	Financial Accounting	Dr. Shraddha Shrivastava	40
BBA	1st year	BBA II Sem	Financial Accounting	Mrs. Mahak Suri	75
BBA	II Year	BBA II Year	Financial Management	Dr. Shraddha Shrivastava	38

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.

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
One day Workshop on FUN With NUMBERS	Mrs. Swati Agrawal	16th July 2022	150
Two days workshop on Data Analysis in Collaboration with St.Claret	Mrs. Aparna Dhingra	6th & 22nd August 2022	110
Webinar on Digital Marketing	Dr. Anup Gore	20th August 2022	150
3 days workshop on Financial Reporting and Tax Filling	Mr. Raunak Agrawal CEO Lawgical Startup	24th September, 1st & 8th October 2022	200
Guest Lecture on "Linkedin Profile Management and Development"	Dr. Pooja Kushwaha	26th November 2022	100
Guest Lecture of "Scope of Financial Management"	Apex Capital	25th of February 2023,	150
One day Workshop on "Role Statistics in conducting various surveys"	National Statistical Office	16th March 2023	120
Session on "building a profile "	Mrs. Swati Agrawal	18th March 2023	100
Guest Lecture on "Research As A Career"	Dr. Zameer Pasha	20th May 2023	



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- h. **Teaching and learning reforms:** Nil
- i. **Internal Assessment reforms:** BBA being a professional degree the curriculum incorporates, quarterly exams, case study reviews, article reviews, library assignments, micro presentations on current trends corporate concepts and surveys, PPT presentations, book reviews, group assignments, practical assignments as various modes of internal evaluation.
- j. **Best practices in Teaching and learning:**

Collaborative Learning Technique:-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.

- 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 year (two semester course)	13	13
2.	Diploma in Business Analytics	Once in year (two semester course)	11	11

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

S. No	Name of the Institution	Activities organized	No. of students participated
1.	Pune Institute of Business Management, Pune	Guest Lecture- National Webinar on " Corporate World in the New Normal"	150
2	St. Clarets College Bengaluru	The 2-day research workshop Vyakarana 2022 on data analysis	120
3	St. Clarets College Bengaluru	Guest Lecture on Research as Career.	180
4	Near East University Nicosia North Cyprus	A two days International Faculty Enrichment Programme was organized by Department of Management under the Aegis of Internal Quality Assurance Cell (IQAC),	140
5	Holy Cross College	Certificate Course in Business Analytics	23



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

Number of Teachers	Sanctioned	Filled
8	8	8

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

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

6. Courses conducted in collaboration with Industries and Institutions:

Programme/Course	Industry/Institution	Activity (internship / project/field work / any other)
BBA III 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, Adhyagati Organic Farms	Major Project
	Tubelight Foundation	Internship/field Project / Community Service
	Aashmaa Foundation	
	IFMC	
	Narbada Valley Green Pvt.Ltd	
	Cad Desk	
	KBO Architect	
	Hero Agency	
	Jan Kalyan multipurpose Education Service	
	M.G Agro, Jabalpur	
	White Force Group Jabalpur	
Interpret Media		



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Simmi Foundation
Shine Projects
Team Everest
Mavask.com Web Development`
Arun Grover & Associates
Logical Startup
Fashion Designing academy JBP
SPARKS FOUNDATION
Beta Blue foundation

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

Programme	Examination System
BBA III Year	Annual System
BBA II Year	Annual System
BBA I & II Sem	Semester (Choice Bases Credit System)

7. 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 anction	Amount (in Lakh)	Remarks if any
	NIL				

8. Research Publications

Name of Teacher	Details of Papers published in peer reviewed journals (UGC / Scopus)
Dr. Rashmi Singh	A STUDY OF FACTORS AFFECTING INTERNATIONAL TRADE DURING PANDEMIC, Vidyabharati International Interdisciplinary Research Journal (Special Issue) ISSN 2319-4979

9. 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				

10. Chapter in Books

Author Name	Name of Book	ISBN
Dr. Rashmi Patras	Reskilling and Upskilling for Future Industry and Business	978-9391267-01-8
Dr. Shradha Shrivastava	Reskilling and Upskilling for Future Industry and Business	978-9391267-01-8



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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

11. Edited Books

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

12. Self-Authored Book

Author Name	Name of Book	ISBN

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

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

14. Consultancy services provided:

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

15. 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 Richa Dixit Bajpai	10 days' Workshop on Research Methodology in SPSS at Maulana Azad National Institute of Technology, Bhopal (11-12 Dec, 2022)

16. 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	6	8
Workshop/FDP/Training Programme	10	6
Paper presentation	5	1



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17. 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

18. 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

19. 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	Sajal Agrawal	1st Prize in Intercollegiate Badminton Competition (Men)	RDVV
2	Pranjal Paroha	1st prize in Intercollegiate Badminton Competition (Men)	RDVV
3	Narendra Singh Rajpoot	1st Prize in Intercollegiate Badminton Competition (Men)	RDVV
4	Purvi Golcha	1st Prize in Intercollegiate Badminton Competition (Women)	RDVV
5	Nitin Singh Tomar	Best Cadet NCC (Army Wing)	NCC
6	Palak Gupta	Certificate of appreciation For teaching Drama And Theaters	Humanity Organization Jabalpur



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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
	NIL				

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

23. Subject-wise Results

UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
BBA I Sem 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	226	221	8	5	97.78%
2	Micro Economics	226	221	8	5	97.78%
3	Financial Accounting	226	221	13	5	97.78%
	Total	226	221	29	5	97.78%
FINANCE GROUP						
1	Business Mathematics	99	97	1	2	97.97%
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



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UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Human Resource Management	128	128	4	Nil	100%
2	Organizational Behaviour	248	248	4	NIL	100%
3	Marketing Management	49	48	1	1	97.95%
4	Marketing Research	248	248	3	NIL	100%
5	Financial Management	71	71	2	NIL	100%
6	Financial Markets & Financial Services	48	48	2	NIL	100%
TOTAL ----- >		248	247	16	1	99.59%

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Entrepreneurship Development	197	197	NIL	NIL	100%
2	Management Information System	197	197	1	NIL	100%
3	Business Environment	197	197	NIL	NIL	100%
4	Business Law	197	197	NIL	NIL	100%
5	Consumer Behaviour	112	112	NIL	NIL	100%
6	Human Resource Development	33	33	NIL	NIL	100%
7	Working Capital Management	46	45	1	1	97.82%
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

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

Plan

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

Implementation

- Starting of Diploma in business Analytics from Sept 2022
- Rural Emersion Program for 60 students conducted, resourced by XIDAS, Jabalpur of 1 week.
- Conduction of Knowledge – Techno Fest in Collaboration with Department of Computer Science

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.



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Weakness

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

Opportunities

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

Challenges

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

25. Future Plan:

- Major /Minor Research Projects
- New Value Added Courses in collaboration with other Institutes.
- Bachelors in Hotel Management.
- Diploma in “ AI In Business “



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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	7	7

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

Name	Designation	Qualification	Teaching/Research Experience	Nature of Post
Dr. Rashmi Patras	Assistant Professor	MBA, B.ED, Ph.d	15Yrs	Confirmed
Dr. Shraddha Shrivastava	Assistant Professor	M.Com, PGDCA, Ph.d	15Yrs	Confirmed
Dr. Rashmi Singh	Assistant Professor	MHRA, Ph.d	5yrs	Confirmed
Dr. Chitranshi Verma	Assistant Professor	MBA, NET ,Ph.d	4yrs	Confirmed
Dr. Richa Dixit	Assistant Professor	MBA, Ph.d	2Yr	Probation
Mrs. Aparna Dhingra	Assistant Professor	M.Sc, MBA	2Yr	Probation
Mrs .Mahak Suri	Assistant Professors	MBA, Ph.d	1yr	Probation

4. Diversity of Faculty

From the same university	From other universities with in the State	From other States	From outside the country
4	1	2	NIL

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

Post	Sanctioned	Filled	Actual
NIL			

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

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
UG	510	350	350	221	129	350



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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	313	21	16	0

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

Programme	% proceeded for higher studies	% of students placed
BBA	77%	12%

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

- Central Library Books and Journals, Books- 4127 Journal -03, along (Inflibnet, Delnet)
- Online (books, journals etc.) Subscribed - 03
- Computers and Internet facilities for staff- Laptop -05 Desktop -01
- Total number of class rooms- 10
- Class rooms with ICT facility- 10
- Students' laboratory -
- Research laboratories -
- Any other facility -

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: 18/10/23



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ACADEMIC AUDIT

1. Name of the Department: Mathematics

2. Year of establishment: 1951

3. Curricular Aspects:

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

Program	Semester / year	Electives
B.Sc.	I Semester	Algebra, Vector Analysis and Geometry
	II Semester	Calculus and Differential Equations
	II Year	Advanced Calculus and Partial Differential Equations
	III Year	Paper III <ul style="list-style-type: none">• Statistical Methods,• Discrete Mathematics
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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b. Course having focus on employability / entrepreneurship / skill development

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

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

Feedback report: Yes

Feedback was taken from all stakeholders regarding the syllabi. With the advent of NEP 2020 in the educational system and semester wise education in the institution the syllabus does not require major changes. The remark of the subject experts were Major (Mathematics) B.Sc. I semester and B.Sc. II year syllabus of NEP 2020 is exhaustive and precise for the student community and needs to be approved as such.

Action taken report:

A comprehensive study of the feedback was done and requisite action was taken.

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

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

Bridge courses

Program	Course	Subject	Teacher In-charge	Topic	No. of Students benefitted
BCA I Year	Discrete Mathematics & Algebra	Mathematics	Dr. Mandira Kar	Set	57
BSc. I Year	Algebra & Trigonometry			Function	71
	Vector Analysis & Geometry			Relation	71
BCA I Year	Discrete Mathematics & Algebra		Dr. Archana Pasari	Relation	32
B.Sc. I Year	Algebra & Trigonometry		Set	60	

Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	Topic	No. of Students benefitted
B.Sc.	I Year	Algebra & Trigonometry	Mathematics	Dr. Mandira Kar	Cone	19
M.Sc.	IV Sem.	Operation Research -II	Mathematics	Dr. Mandira Kar	Linear Programming	10



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M.Sc.	IV Sem.	Mathematical Modeling	Mathematics	Dr. Mandira Kar	Numerical Problem	13
BCA	I Year	Discrete Mathematics & Algebra	Mathematics	Dr. Archana Pasari	Relation	13
B.Sc.	III Year	Discrete Mathematics	Mathematics	Dr. Archana Pasari	Graph	24
M.Sc.	IV Sem.	Numerical Methods	Mathematics	Dr. Archana Pasari	Interpolation	5
M.Sc.	II Sem.	Complex Analysis II	Mathematics	Dr. Archana Pasari	Complex function	15
M.Sc.	II Sem.	Ordinary & Partial Differential Equation	Mathematics	Mr. Satyendra Jain	Laplace Transformation	13
M.Sc.	IV Sem.	Mathematical Modeling	Mathematics	Mr. Satyendra Jain	Numerical Problem	12

f. List the methods for conducting Internal evaluation?

- Online Test
- Quiz
- Assignment
- PPT Presentation

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

Title of Programme (Guest Lecture /Seminar/Workshop)	Expert Person	Date	Number of Participants
History and Recent Trends in Mathematics	Dr. Mandira Kar and Ms. Alka Kumari	22-Dec-22	111
Mathematical Modeling and its application	Dr. Kallol Das	15-Mar-23	25

- h. Teaching and learning reforms: NA
- i. Internal Assessment reforms: Test every unit completion
- j. Best practices in Teaching and learning: Topic taught with real examples
- k. Details of Value added courses:

S.no	Name of the course	Frequency	No. of students admitted	No. of students completed successfully
1	Vedic Mathematics	01	17	17



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I. 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."	111

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 & Computer Science, R.D.V.V. Jabalpur 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)
-	-	-

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 anction	Amount (in Lakh)	Remarks if any
-	-	-	-	-	-

9. Research Publications

Name of Teacher	Details of Papers published in peer reviewed journals (UGC / Scopus)
Dr. Mandira Kar	Quasi Semi-Pre Local Functions In Ideal Bitopological Spaces , Published in Mathematical Sciences International Research Journal, Vol. 12 Issue 1 pp. 40-45, ISSN: 2278-8697
Dr. S. Jain	Coupled fixed point results and application to integral equations, Punjab university journal of Mathematics, May, 2023, 1016-2526.



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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	8	2	1

11. Chapter in Books

Author Name	Name of Book	ISBN
Dr. Mita Darbari	Cogitations on Advances in Physical and Mathematical Sciences	978-93-91267-45-2
Dr. Akhilesh Pathak		
Dr. Pratibha Richhariya		
Dr. Archana Pasari		
Dr. Satyendra Jain		

12. Edited Books

Author Name	Name of Book	ISBN
Dr. Mita Darbari	Cogitations on Advances in Physical and Mathematical Sciences	978-93-91267-45-2

13. Self-Authored Book

Author Name	Name of Book	ISBN
Dr. Akhilesh Pathak	Fixed Point Theorems with respect to different Contraction Maps	978-620-6-17877-4

14. Details of patents filed & granted and revenue income generated. : None

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

15. Consultancy services provided: None

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. Archana Pasari	Delivered lectures on "Vedic Mathematics" in Mata Gujri Mahila Mahavidyalaya on 3/02/2023 and 4/02/2023



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2	Dr. Archana Pasari	Delivered lectures on "Vedic Mathematics" in Govt. Swami Vivekanand PG College, Narsinghpur, MP
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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	03	01
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)

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

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

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



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20. Awards / Prizes and recognitions received by teachers at university, state, national and international level: None

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

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

Curricular activities: None

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

Co-curricular: None

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: None

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

23. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D. Lit: None

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	7	6	-	1	85%
2	B.Sc. I Semester Minor Mathematics	23	15	7	1	96%
3	B.Sc. I Semester Elective Mathematics	14	11	3	-	100%



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	Total	44	32	10	02	95%
4	B.Sc. II Semester Major Mathematics	6	6	-	-	100%
5	B.Sc. II Semester Minor Mathematics	22	18	4	-	100%
6	B.Sc. II Semester Elective Mathematics	14	12	2	-	100%
TOTAL ----- >		42	36	6	-	100%

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.Sc. Major Mathematics	13	9	4	Nil	100%
2	B.Sc. Minor Mathematics	58	31	27	Nil	100%
TOTAL ----- >		71	40	31	-	100%

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.Sc. CS	67	58	5	4	94%
2	PCM	35	34	1	-	100%
3	CA	7	6	-	1	86%
4	ECO	21	19	2	-	100%
TOTAL ----->		130	117	8	5	96%

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Mathematics	11	10	-	1	91%

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Mathematics	10	9	-	1	90%

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Mathematics	18	17	-	1	94%



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PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Mathematics	17	15	2	-	100%

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

S.N	Month	Activity	
1	July	Bridge Classes	15 July to 20 July
2	August	Certificate Course –I	
		VEDIC MATHEMATICS	Interdisciplinary Certificate Course titled 'Vedic Mathematics' was held from 28th Sept. to 18 Nov. '2022. The introductory class was taken by Dr. Mandira Kar the coordinator. Dr. Archana Pasari & Dr. Akhilesh Pathak were the resource persons. Twenty-one students from different disciplines benefitted.
3	December	Co-Curricular Activities	
		Celebration of National Mathematics Day on 22 Dec 2023.	The students & faculty of the Department of Mathematics St. Aloysius College (Autonomous) Jabalpur celebrated the National Mathematics Day with great zeal & enthusiasm. The winners of the Power Point competition held earlier on 'Legacy of Indian Mathematics and Latest Trends in Mathematics' were declared. A National Webinar 'History & Recent Trends of Mathematics' was also organized in collaboration with Patna Women's College, Patna to mark the auspicious day.
4	January	Guest Lecture	Department of Mathematics organized a guest lecture on 15th March 2023. Resource Person Dr. K. Das, Vice principal, St. Aloysius College Jabalpur, shared her insights on the topic Application of Mathematical Modelling on differential equation
5	March	Remedial Classes	05 March to 22 March

26. SWOC Analysis::

Strength: The department boasts of 100% Ph.D. faculty. Number of publications is high. 3 out of 6 are Research Guides.

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

Opportunities: Having young qualified energetic faculty who shall bring research project and publish in Scopus in near future.

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

27. Future Plan:

1. Four research paper shall be published during a year in reputed Journals.
2. One research Project shall be applied during a 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
6	6	6

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

Name	Designation	Qualification	Teaching/Research Experience	Nature of Post
Dr. Mandira Kar	Assistant Professor	Ph.D.	36	Confirmed
Dr. Mita Darbari	Assistant Professor		36	
Dr. Akhilesh Pathak	Assistant Professor		10	
Dr. Archana Pasari	Assistant Professor		10	
Dr. SatyendraJain	Assistant Professor		09	
Dr. Preeti Nagar	Assistant Professor		07	

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
-	-	-	-

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

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total
UG	15	07		5	2	17
PG	15	10	30	2	8	10

7. **Diversity of Students:**



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

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

Programme	% proceeded for higher studies	% of students placed
M.Sc.	2%	70%

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

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

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

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

b) Online (books, journals etc.) subscribed

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: Mathematics Lab

g) Research laboratories: None

h) Any other facility: Departmental Room

10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total

11. 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.

Dr. Mandira Kar

H.O.D.

Deptt. of Maths

St. Aloysius (Auto) College
Jabalpur

Signature

Name: Dr. Mandira Kar

Date: 20/10/23



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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:

Program	Semester / year	Electives
M.Sc.	III Sem	2 special papers with 3 elective options in M.Sc. III Sem : SPECIAL PAPER (a) CONDENSED MATTER PHYSICS – I SPECIAL PAPER (b) A Course In COMPUTATIONAL PHYSICS USING MATHEMATICA– I SPECIAL PAPER (c) ELECTRONICS – I
M.Sc.	IV Sem	1 paper with 3 elective options in M.Sc. IV Sem. ELECTIVE PAPER (a): CONCISE STUDY OF NON-LINEAR SYSTEMS ELECTIVE PAPER (b): PHYSICS OF LASERS AND ITS APPLICATIONS ELECTIVE PAPER (c) PHYSICS OF NANOMATERIAL SPECIAL PAPER (a) CONDENSED MATTER PHYSICS – II SPECIAL PAPER (b) : A Course In COMPUTATIONAL PHYSICS USING MATHEMATICA– II SPECIAL PAPER (b) ELECTROINCS – II

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

Program	Year /sem	Course	Activity
M.Sc.	III & IV Sem	A Course In COMPUTATIONAL PHYSICS USING MATHEMATICA–I, II	Coding in Mathematica to solve real time problems
UG	II Year	Vocational Course (Electrical Technology)	Fault finding repairing, and maintenance of various



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			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 and Action Taken report: Feedback on all facets of the program and the curriculum is gathered by the department from alumni, professors, students, and their parents. Faculty members talk among themselves at department meetings to examine the feedback. Faculty from the department examine the feedback in light of the input's relevancy, utility, development of skills, employability, and current global demands. Suggestions were consolidated in light of the discussion. The Board of Study meets to examine the combined comments, and with their consent, steps are then made to alter and enhance the curriculum and teaching-learning process.e.g. Students desired to learn polarization through experimentation, therefore one practical (Faradey Law) has been included in response to their comments.

- d. **Number of teachers preparing & following Academic Teaching plan: 05**
- e. **Do you offer Bridge/Remedial courses? If yes, Give details. YES**

Bridge courses

Program	Course	Subject	Teacher In-charge	No. of Students benefitted
B.Sc I Year	Theory/Lab Course	Physics	Dr. Poonam Pendke	20
B.Sc II Year			Dr. Nisha Pandey	30
B.Sc III Year			Dr. Pramod Chaitanya	80

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	10
	II Sem	Thermo dyanamic & Statistical Physics		Dr.Pramod Chaitanya	10
	II Year	Waves & Optics		Dr. Nisha Pandey	1
	II Year	Electricity magnetism & Electromagnetic Theory		Dr. Poonam Pendke	23
	III Year	Paper I(Quantum Mechanics & Spectroscopy)		Dr.Pramod Chaitanya	20



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	III Year	Paper II(Solid state Physics & Devices		Dr.Pramod Chaitanya	20
--	----------	--	--	---------------------	----

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:

Title of Programme (Guest Lecture /Seminar/Workshop)	Expert Person	Date	Number of Participants
Guest Lecture	Dr. Vinamra Chaturvedi	18/1/23	32
Guest Lecture	Dr. Meera Ramrakhiani	18/4/23	15
Crafts man of future	Mr. Siddharth Dhawale, Executive Director, light guide Optics Pvt., Ltd., Indore	27/8/22	45

a. Teaching and learning reforms: As per the demand -

- Hybrid mode classes were arranged.
- Internal exam (CCE) was conducted in diversified mode.
- Various research Projects were accomplished by M.Sc. students, under the guidance of departmental faculty, to provide exposure to research.
- Lectures on some relevant topics were conducted for UG/PG students by experts.
- Outreach activity

b. 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 II year- 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.

c. Best practices in Teaching and learning:

- Use of ICT Tools
- Discussion with Eminent Scientist and industrialist
- Field Visit



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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 On Characterization Techniques in Materials Science	Once in a year	07	07

k. Details of Functional MoUs'

S.No	Name of the Institution	Activities organized	No. of students participated
1	S Uniteck	Internship	4

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	1. 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. II Year	S D Integrated systems Pvt. Ltd.	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 & III Year	Annual
M.Sc.	Semester, Choice Based Credit System



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

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. Nisha Pandey	"Structural and Optical Ni doped PVA nanocomposites" high technology letters, May-23, 1006-6748

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

Author Name	Name of Book	ISBN
Dr. Nisha Pandey, Dr. Poonam Pendke	Cogitations on Advances in Physical and Mathematical Sciences	978-93-91267-45-2

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
Dr. Pramod Chaitanya	(Application No. : 202321022453) Publication Date 28/04/2023.	Implementing Smart Process in the Physics of the Schottky Barrier Height	--



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15. Consultancy services provided:

S. No	Name of the teacher	Nature of consultancy	Funds generated
1	Dr. Pramod Chaitanya	Characterization of sample	6750/-
2	Dr. Nisha Pandey		
3	Dr. Poonam Pendke		

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. Pramod Chaitanya	Delivered Lecture on Optical Microscopy in National workshop on analytical techniques under STUTI program organized by Dept. of Botany, St. Aloysius College Jabalpur dated 23/11/22
2	Dr. Nisha Pandey	Delivered Lecture on Reflectometer in National workshop on analytical techniques under STUTI program organized by Dept. of Botany, St. Aloysius College Jabalpur dated 22/11/22

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		3
Workshop/FDP/Training Programme		
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): NIL

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



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

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

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

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

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

Curricular activities:

S. No	Name of Student	Awards/Recognition Received	Recognition Bodies
1	Ms. Shivani Kanoujiya & Vandana Rai	1st rank in the Poster presentation	St. Aloysius' Institute of Technology, Jabalpur.

Co-curricular:

S. No	Name of Student	Awards/Recognition received	Recognition Bodies
1	Divyam Singh and Abin Thomas	First rank in working model competition	National Science Day organized by RDVV, Jabalpur
2	Anshika Pandey	Second rank in essay writing competition	National workshop for popularization of Science organized by Mahakoushal Vigyan Parishad, 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: NA



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24. Subject-wise Results

UG First Semester

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Physics	24	24	--	---	100%
TOTAL ----->						

UG Second Semester

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Physics	24	22	2	--	91.67
TOTAL ----->						

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Physics	42	42	---	---	100 %
TOTAL----->						

UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Cs-Phy	67	60	7	-	90%
2	PCM	36	36	-	-	100 %
3	CA	7	5	2	-	71.4 %
TOTAL ----->						

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
PHYSICS	9	7	2	NIL	78 %

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
PHYSICS	9	5	4	NIL	56 %



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PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
PHYSICS	13	10	3	NIL	77 %

PG Fourth semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
PHYSICS	11	11	NIL	NIL	100 %

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

- Bridge Classes & Remedial Classes
- Industry visit /Internship
- Guest Lecture / Webinar
- Certificate Course on “Characterization Techniques in Material Science”
- Conduction of National Graduate Physics Examination (NGPE)
- Science Club Activities : Book Exhibition on Sir C V Raman’s discovery, Open house for School students by UG and PG students, National Science Day Celebration

Implementation

- All these activities were conducted by the department

26. SWOC Analysis:

Strength:

- All the Faculty members are Ph.D.
- Well establish Research Laboratory

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 planning to start New Subject Nano Science / Nanotechnology (as Major) in UG.



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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
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,	M. Sc., M. Phil, Ph. D, D.H.M.S.	35 Yrs	Permanent
Dr. Pramod Chaitanya		M.Sc, NET, JEST, Ph.D	17 Yrs	
Dr. Nisha Pandey		M.Sc, Ph.D	15 Yrs	
Dr. Poonam Pendke		M.Sc, Ph.D	12 Yrs	

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	8	6		4	2	6
PG	7	7	30	3	4	7



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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.	95%	-	5%	
M.Sc.	77%		23%	

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

Programme	% proceeded for higher studies	% of students placed
-	-	-

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

- Central Library Books and Journals, etc., relevant to Department Online (books, journals etc.)** Subscribed: Through various e resources like Inflibnet, etc
- Computers and Internet facilities for staff:** 5 PC + 3 laptop with Wi-Fi facility
- Total number of class rooms:** 04
- Class rooms with ICT facility:** 04
- Students' laboratory:** 01
- Research laboratories :**
- Any other facility:** Department has well established infrastructure for research (XRD, AFM, FTIR etc.)

10. Laboratory Facilities Added :NIL

Items Procured- 2022-23: NIL

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

Date:5/10/23

Name : Dr. Pramod Chaitanya



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ACADEMIC AUDIT

1. Name of the Department: Zoology

2. Year of establishment: 1998

3. Curricular Aspects:

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

Yes

Program	Semester / year	Electives
B.Sc	I Sem	Human Diseases
	I Sem	Bee Keeping
	II Year	<ul style="list-style-type: none">Nutrition & HealthWonders of Animal Diversity
M.Sc	I Sem	<ul style="list-style-type: none">Wild life ConservationEntomology
	II Sem	<ul style="list-style-type: none">Applied EntomologyEnvironment & Biodiversity Conservation
	III Sem	<ul style="list-style-type: none">SericultureAnimal Biotechnology
	IV Sem	Pure and Applied fisheries

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

Program	Year /sem	Course	Activity
B.Sc	II Year	Diversity of Chordates and Comparative Anatomy	Guest lecture on "Modern Trends of Animal Taxonomy"
	II Year	Vocational Course (Vermicomposting)	Preparation of organic compost with the help of earthworm (<i>Eisenia foetida</i>) in college campus.
	III Year	Applied Ecology	Workshop in Sericulture (Lecture and Visit to Sericulture Unit, Department of Cottage and Rural Industries, M.P, Mulberry Seed Production Centre Devari Kalan District Narshingpur (M.P.))
M.Sc	I Sem	Wild life Conservation	Wild life Week celebration
	II Sem	Environment & Biodiversity Conservation	A visit to Dumna Nature Reserve, Jabalpur. Awareness programme on Life Style for Environment (Energy Conservation) was conducted by Zoological Survey of India, Jabalpur.

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

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



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S. No.	Name of Course/Program	Feedback Report	Action Taken Report
1.	B.Sc & MSc Zoology	Feedback are received from Stake holder from the 2022-23 passing out students which were collected during April - May 2023, Online feedback received in a structured format in the Institution website.	The exit feedback analysis clearly indicates that more than 90% of students are very much satisfied with attainment of programme outcomes, flexibility on curriculum, teaching-learning process, provision for self-study, courses emphasizing on skill development, design & problem-solving skills, teaching infrastructure, library facilities, Internet facilities etc. offered by the Institution. Therefore, does not warrant any action taken measures. III. Online student feedback analysis revealed that more than 70% of the students satisfied with attainment of programme outcomes, course outcomes, quality of teaching learning process, laboratory facilities, industrial visits / field trips, students support mechanism etc. offered by the Institution.
		Few Alumni suggested Soft skill computer-based Course should be Added in curricula	Suggestions taken from different stakeholders are discussed in the departmental meeting as well as in Board of Studies meeting and decided to add one certificate course on computer-based Skill in their curricula.

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	Topic	No. of Students benefitted
UG	B.Sc I Sem	Zoology	Dr. Priyanka Sinha	Classification of phylum Porifera and coelenterata	40
			Dr. Runa Paul	Classification of phylum Protozoa	34
			Dr. Daya Shankar Gautam	Classification of phylum plathyhelminthes and Ascahelminthes	43
			Dr. Manju Dixit	Classification of phylum Mollusca and Echinodermata	38
			Dr. Megha Tiwari	Classification of phylum Annelida and Arthropoda	40



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Remedial Course

Program	Year/Sem	Course	Subject	Teacher In-charge	Topic	No. of Students benefitted	
UG	I Sem	B.Sc	Zoology	Dr. Priyanka Sinha	Life cycle of Obelia (2-3-23)	24	
				Dr. Runa Paul	Mitosis and Meiosis	29	
	II Sem			Dr. Runa Paul	Parthenogenesis (3-3-23)	17	
				Dr. Runa Paul	Chordates-Evolution of Hearts	20	
	II Year			Dr. Daya Shankar Gautam	Glycolysis (20-20-2023)	20	
				Dr. Daya Shankar Gautam	Osmoregulation (21-02-2023)	23	
	III Year				Dr. Daya Shankar Gautam	erve impulse Conduction (22-02-2023)	32
					Dr. Daya Shankar Gautam	MCQ Practices	37
					Dr. Daya Shankar Gautam	Operon model (21-02-23)	30
					Dr. Megha Tiwari	Sericulture (17-02-23)	22
		Dr. Priyanka Sinha	Ecosystem –Biotic and Abiotic component (23-02-2023)	24			

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 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
Guest lecture on “Modern Trends of Animal Taxonomy	Dr. Saipari Sailo Scientist D, Zoological Survey of India, CZRC Jabalpur	17 th September 2022	100
Workshop on “Sericulture as Self Employment, Attitude and Behaviour”	Dr. Reeta Bhandari (Subject Expert) Prof & Head, Department of Zoology, Govt. of OFK	20 th & 21 st Jan 2023	52



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	College, Khamaria, Jabalpur Sericulture Unit, Rajpoot Sericulture (Field Officer) Govt. of M.P. & Jeetendra Mewade, Sericulture Inspector, Govt. of M.P. Department of Cottage and Rural Industries, M.P		
A Guest lecture by Alumni on the topic -"Taxonomy & Scope in Zoology"	Mr. Akhil Nair Lab Assistant, Zoological Survey of India, CZRC Jabalpur	20 th March 2023	56

h. Teaching and learning reforms: Dissection video prepared by the faculty members

i. 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

j. 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

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	58	51
2.	Innovative Zoological Practices	Once in a Year	41	37

l. Details of Functional MoUs'

S. No	Name of the Institution	Activities organized	No. of students participated
1	Phoenix poultry Farm, Jabalpur	A visit to phoenix poultry farm Gosalpur, Jabalpur On 4 th March 2023	35
2	Ideal Fertility Centre	Virtual Visit on 27 September 2022	55
3	Sophiya Girls College Ajmer	Online National Level Inter Collegiate Quiz & Poster Competition was organized on the occasion of World Health Day on 7 April 2023	110

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. Priyanka Sinha	<ul style="list-style-type: none">Member of Board of Studies of Zoology at Rani Durgawati Vishwavidyalaya, JabalpurMember 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)
B.Sc II Year	Zoological Survey of India, Regional Centre Jabalpur	Internship - Taxonomical Studies
MSc IV SEM	Pheonix poultry Farm, Jabalpur	A visit to pheonix poultry farm Gosalpur, Jabalpur

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

Programme	Examination System
B.Sc I & III Sem	Semester System/ Credit and Grading system
B.Sc II Year & 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 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. Priyanka Sinha	<p>Analysis of the effectiveness of cow dung ash in the purification of water International Journal of Science and Research, Volume12, Issue 4, March - April 2023 ISSN:2319-7064 Priyanka Sinha and Bhakti Patel</p> <p>Journal of Advance in Bioresearch Online ISSN 2277-1573 Print ISSN 0976-4585 Impact Factor: 0.971 [UIF, Germany] GIF: 0.56 [Global Impact Factor, Australia] ICV 2018: 100.00 NLM/PUBMED ID:101595648 (UGC & Web of Science) Title – To study the effect of aqueous leaf extract of Phyllanthus emblica on biochemical parameters of catfish, Clarias batrachus Runa Paul 1 , Asha Khanna 2 ,</p>



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	Daya Shankar Gautam* 1 , Priyanka Sinha 1 , Manju Dixit 1
Dr. Runa Paul	Journal of Advance in Bioresearch Online ISSN 2277-1573 Print ISSN 0976-4585 Impact Factor: 0.971 [UIF, Germany] GIF: 0.56 [Global Impact Factor, Australia] ICV 2018: 100.00 NLM/PUBMED ID: 101595648 (UGC & Web of Science) Title – To study the effect of aqueous leaf extract of Phyllanthus emblica on biochemical parameters of catfish, Clarias batrachus Runa Paul 1 , Asha Khanna 2 , Daya Shankar Gautam* 1 , Priyanka Sinha 1 , Manju Dixit 1
Dr. Daya Shankar Gautam	Journal of Advance in Bioresearch Online ISSN 2277-1573 Print ISSN 0976-4585 Impact Factor: 0.971 [UIF, Germany] GIF: 0.56 [Global Impact Factor, Australia] ICV 2018: 100.00 NLM/PUBMED ID: 101595648 (UGC & Web of Science) Title – To study the effect of aqueous leaf extract of Phyllanthus emblica on biochemical parameters of catfish, Clarias batrachus Runa Paul 1 , Asha Khanna 2 , Daya Shankar Gautam* 1 , Priyanka Sinha 1 , Manju Dixit 1
Dr. Manju Dixit	1., "Effect of Some leaf Extract of Tobacco (Nicotiana tabacum), Lantana camara, Tridax procumbens and Murraya koenigii against Mosquito larva , International journal of all research Education and scientific Methods (IJARESM), ISSN; 2455-6211, Volume 11, issue 1, January 23, Impact Factor; 7.429 2. Comparative Study Of Health of Marble Rock Worker & Cement Workers in Jabalpur, International journal of creative research Thoughts (IJCRT), Volume 11 , Issue 2 February, ISSN; 2320-2882

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
4	1			

11. Chapter in Books

Author Name	Name of Book	ISBN
Dr Priyanka Sinha	COVID 19 Challenges & Management -	ISBN: 978-93-91267-59-9
Dr. Runa Paul		
Dr. Dyashankar Gautam		

12. Edited Books

Author Name	Name of Book	ISBN
Dr. Dayashankar Gautam	Title of the book: COVID-19: Challenges & Management	ISBN: 978-93-91267-33-9 Date of Publication: 14th November 2022 Latest Edition: 2022 Code : R0183 Publisher: SHREE VINAYAK PUBLICATION



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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
Dr. Daya Shankar Gautam	Application No. 202021011849 Application Filing Date: 19/03/2020 Publication Number: 35/2021 Publication Date: 27/08/2021 Date of Grant 21/09/22 Patent No.: 407201 Field of Invention: BIOTECHNOLOGY	A multipurpose herbal composition and method for producing the same	-

15. Consultancy services provided:

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

1. 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	As a resource person of two days Intercollegiate work Shop on Vermicomposting and Vermiculture organized by Department of Zoology and IQAC of Government O F K College on 12th and 13th January 2023.

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

Activity (please mention the number only)	National	International
Refresher	1	
Orientation		
Seminar/Conference	12	01
Workshop/FDP/Training Programme	14	01
Paper presentation	10	



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3. 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	Society of Life Science, Satna (MP)
2.	Dr. Daya Shankar Gautam	<p>I. Permanent member of reviewing panel of Biosciences Biotechnology Research Asia Journal (Web of science Indexed) Print ISSN: 0973-1245, Online ISSN: 2456-2602</p> <p>II. Reviewer - Biomedical & Pharmacology Journal (Scopus & Web of science Indexed) ISSN: 0974-6242, e- ISSN: 2456-2610</p> <p>III. Reviewer - Current World Environment (ISSN:0973-4929, Online ISSN:2320-8031). The Journal is indexed in Web of Science, UGC CARE. http://www.cwejournal.org/</p>

4. 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. Daya Shankar Gautam	<p>Certificate of recognition for Excellent contribution as a Reviewer for year 2022</p> <p>“Best Reviewer of the month” on 7th February 2023: -</p>	<p>Awarded a Certificate of recognition for Excellent contribution to Current World Environment Journal (ISSN:0973-4929, Online ISSN:2320-8031) as a reviewer for the year 2022 on 26th September 2022. The Journal is indexed in Web of Science, UGC CARE. http://www.cwejournal.org/</p> <p>Recognition for the outstanding contribution as the “Reviewer of the month” for Biosciences Biotechnology Research Asia, an international, open access, peer-reviewed research journal on 7th February 2023. (Biosciences Biotechnology Research Asia is a Web of Science indexed and UGC care approved Journal, Print ISSN: 0973-1245, Online ISSN: 2456-2602)</p> <p>Facebook: https://www.facebook.com/photo/?fbid=566742095472463&set=a.432895835523757&</p> <p>LinkedIn: https://www.linkedin.com/feed/update/urn:li:activity:7028663120390758400</p> <p>Twitter: https://twitter.com/biotech_asia/status/1622898680721448962</p>



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	<p>“Outstanding contribution as a reviewer award” on 20th February 2023: -</p> <p>Recognition as “Reviewer of the Month June 2023” of Current Word Environment Journal</p> <p>Outstanding contribution as a reviewer award</p>	<p>Received Outstanding contribution as a reviewer award from Biosciences Biotechnology Research Asia, an international, open access, peer-reviewed research journal on 20th February 2023. (Biosciences Biotechnology Research Asia is a Web of Science indexed and UGC care approved Journal, Print ISSN: 0973-1245, Online ISSN: 2456-2602)</p> <p>Received recognition as “Reviewer of the Month June 2023” of Current Word Environment (ISSN:0973-4929, Online ISSN:2320-8031) on 19th June 2023 through social media channels of the Journal. The Journal is indexed in UC CARE and Web of Science, UGC CARE. http://www.cwejournal.org/ Facebook link: https://m.facebook.com/story.php?story_fbid=pfbid02PKm5pJwGN4Jfok375CLdu9poKFqjAdVG5rFfYuUkfJ7qtjkXQ1q79Me1Rrjx15eHl&id=100058721786200&sfsn=wiwspm o&mibextid=6aamW6 LinkedIn Link: https://www.linkedin.com/posts/current-world-environment_publishing-peerreview-ethics-activity-7076523145934848001-HirC</p> <p>Outstanding contribution as a reviewer of Current World Environment Journal (ISSN:0973-4929, Online ISSN:2320-8031) award was received on 27 June 2023. The Journal is indexed in UC CARE and Web of Science, UGC CARE. http://www.cwejournal.org/</p>
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5. Awards / Prizes and recognitions received by teachers at university, state, national and international level:

Name of Faculty	Awards/Recognition received	Recognition Bodies
Dr. Priyanka Sinha	SLS Recognition Award	Society of Life science Satna on 8 th February 2023

6. 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	Kanishka Kukul	secured 3 rd prize in Poster Competition	National Workshop organised Govt. Model Science College; Jabalpur held on 5 th -9 th Dec 2022



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2	Hridya.V& Gayathri Kumar (B.Sc III Year)	won 1st prize in oral paper presentation	National workshop Govt. Model Science College, Jabalpur held on 5 th -9 th Dec 2022
3	Pragati Pathak of M.Sc IV Sem at	secured 3 rd position in oral presentation (Science field)	International Conference on role of science, education and technology in making india self - reliant and globally competent (ICR -SET - 2023) at St. Aloysius" Institute of Technology, Jabalpur

Co-curricular:

S.No	Name of Student	Awards/Recognition received	Recognition Bodies
1.	Mansi Kapoor	Second position	Jigyasa State level Work shop

7. 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
-	-	-	-	-	-

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

9. Subject-wise Results

UG First year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.Sc I Sem Zoology	78	72	06	01	92.30%
2	B.Sc II Sem Zoology	70	69	-	01	98.57%
TOTAL ----->						

UG Second year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	B.Sc II Year Zoology (Major Zoology)	20	20	Nil	Nil	100%
2	B.Sc II Year Zoology (Minor & Elective Zoology)	68	68	Nil	Nil	100%
TOTAL ----->						



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UG Third year

S.NO.	GROUP/Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
1	Zoology	87	83	03	01	98.85%
TOTAL ----->						

PG First semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Zoology	23	18	04	01	95.65%

PG Second semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Zoology	22	20	02	Nil	100%

PG Third semester

Subject	STUDENTS APPEARED	PASS	ATKT	FAIL	PERCENTAGE OF RESULT
Zoology	21	18	02	01	95.20%

PG Fourth semester

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

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

Month: July 2022

Dates	Activities	Implementation
11 th -23 rd July 2022	Bridge Classes for B. Sc. I Year	Completed
Third week of July	Inaugural Session of "Aloysian Zoological Society", Guest lecture on Zoonotic Diseases	Completed
29 th July 2022	T-shirt Painting Competition to Celebrate International Tiger Day under AZS	Completed



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Year 2022-23

Month: August 2022

Dates	Activities	Implementation
16 th August to 16 th September 2022	Commencement of one-month Certificate course in "Microtomy" to Enhance skill in the students	Completed
18 th August 2022	Visit to ICMR Research Institute to celebrate World Mosquito Day 2022	
27 August 2022	Extension Activity : Visit to fish farm/Pisciculture unit to aware fish farmer about composite fish culture	Completed

Month: September 2022

Dates	Activities	Implementation
5 th September 2022	Field visit: Survey by P.G students on the taxonomy and biodiversity of the species of Dumna Nature Reserve, Jabalpur	Completed
Third week of September 2022	Guest lecture on In Vitro Fertilization understand the Assisted Reproductive technique (ART)	Completed
Fourth week of September 2022	PG Seminar	Completed

Month: October 2022

Dates	Activities	Implementation
First week of October 2022	Wild Life Week Celebration	Completed
14 th & 15 th October 2022	Workshop on "Current trends in Zoology"	Completed
Fourth week of October 2022	Excursion for UG Students	Completed

Month: November 2022

Dates	Activities	Implementation
2 nd week of November 2022	Guest lecture on Taxonomy by Alumnus	Completed
Third week of November 2022	Quiz competition in Advanced Zoology for Advance Learner	Completed
Last week of November 2022	Advanced Instrumentation training for school students to enhance skill in the students	



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Year 2022-23

Month: December 2022

Dates	Activities	Implementation
1 st December 2022	Celebration of World AIDS Day	Completed
Second week of Dec 2022	Health Awareness Program for girls Students in school AZS under Health and Hygiene	Completed

Month: January 2023

Dates	Activities	Implementation
9 th Jan -23 rd January 2023	Certificate course in "Innovative Zoological Practices" for UG Students to enhance skill in the students	Completed
20 th January 2023	Commencement of Internship Project on Vermicomposting for M.Sc IV Sem students" Solid waste management & Waste recycling system	Completed

Month: February 2023

Dates	Activities	Implementation
Third week of February 2023	PG Seminar/Field Survey	Completed
28 th February 2023	Zoomania Under the banner of Srijan celebration of National Science Day	Completed

Month: March 2023

Dates	Activities	Implementation
2 nd March 2023	Release of Newsletter- "Zoohunt" under AZS	Completed
First week of March	Remedial classes for Slow learners	Completed
Third week of March 2023	Guest lecture on Vermicomposting: One step towards entrepreneur.	Completed

11. SWOC Analysis:

Strengths:

- 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.



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- Guest lectures are arranged.
- Quality contribution college administrative work
- Need Based Courses

Weakness:

- Research activity should be increased
- Difficulty In Tracking Alumni
- **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
- STRENGTHEN INTERDISCIPLINARY RESEARCH ACTIVITIES
- They can start small scale industries such as Poultryies , 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
- Placement

12. Future Plan:

Short Term Plans (within 12 months)

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

Mid Term Plans (1-3 years)

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

Long Term Plans (5 years and above)

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



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ADMINISTRATIVE AUDIT

1. **Department-wise Student Teacher Ratio:** 1:20

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

Designation	Sanctioned	Filled
Assistant Professor	05	05

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

Name	Designation	Qualifications	Teaching/Research Experience	Nature of Post
Dr. Priyanka Sinha	Head & Assistant Professor	M.Sc, Ph.D	12 Years	Confirmed
Dr. Runa Paul	Assistant Professor	M.Sc, Ph.D	20 years	Confirmed
Dr. Daya Shankar Gautam		M.Sc, Ph.D	12 years	Confirmed
Dr. Manju Dixit		M.Sc, Ph.D	18 years	Confirmed
Dr Megha Tiwari		M.Sc, Ph.D	2 Years	Confirmed

4. **Diversity of Faculty**

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

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
PG	28	25	25	03	22	25
UG	39	33	70	07	26	32



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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 I Sem	22	00	01	Nil
M.Sc III Sem	25	00	00	Nil
BSc I Year (Zoology)		29	04	Nil

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

Programme	% proceeded for higher studies	% of students placed
B.Sc III Year (CBZGroup)	65 %	-
M.Sc IV Sem	60%	20%

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

- Central Library Books and Journals, etc, relevant to Department-**2990 Books and 05 Journals
- Online (books, journals etc.) Subscribed-** Inflibnet, 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
- 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



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- Vortex Mixer
- Refractometer
- Water Bath
- Biochemical Analyser
- Homogenizer
- Bacteriological Colony Counter

10. Department-wise Purchase Budget and expenditure details:

Estimate Budget (Rs.)	Non-Recurring	Consumable	Total
1,80,0000	00000	1,60,000/-	1,60,000/

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.)

Name Dr. Priyanka Sinha

Date: 20 September 2023



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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	Mr. Sandeep Jhariya	Maintenance Staff
7	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, confidential area having Computer Unit equipped PCS, printers, duplicator, Xerox machine and software for examination purpose.

Statutory Examination Bodies

- Academic council
- Board of Studies
- Exam Committee
- Moderation committee
- Result committee
- Committee for Review of Answer books
- UFM Committee
- Degree Committee



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2022-23

Examination Pattern

S.No	Programme	Subjects	Examination	Marks
1	BA/BBA/BCA/ BSC/BCOM-I- VI-Sem.	F.C, Major, Minor, Elective, Vocational, Int/Field Project/Community Service/Resource Project	Semester	Grading System
2	BA/BBA/BCA/ BSC/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.Lt./Maths/Physics/Chemistry/Mi crobiology/Biotechnology/Comper 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:	
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?	✓



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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?	✓
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?	✓



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
List of Document Maintained (please add more if any other files are 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

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


Dr. MITA DARBAKI
Dean, Physical Sciences,
St. Aloysius College (Autonomous)
Jabalpur (M.P.)

Seal & Signature of Controller of Examination



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2022-23

Central Instrumentation Lab

Audit Objective: To evaluate the efficiency, compliance, and overall functionality of the Central Instrumentation Lab to support research, teaching, and experimentation needs.

Audit Scope: The audit will encompass all aspects related to the operation, maintenance, safety, utilization, and management of instruments, equipment, and facilities within the Central Instrumentation Lab.

Staff Profile

S. No	Name	Posts	Experience
1	Dr. Manju Gupta	Assistant Professor	20 Years
2	Dr. Mamta Gokhale	Assistant Professor	23 Years

Infrastructure Facilities (procured 2022-23)

Item	Configuration	Cost
-	-	-

Projects Undertaken: NA

S. No	Name of the Faculty	Name of the Project

Consultancy generated

Laboratory audit checklist preparation		Tick whichever is applicable
1.	Receiving test samples	✓
2.	Classification of test samples	✓
3.	Preparation for testing (conditioning, apparatus preparation or other pre-requisites)	✓
4.	Performing test analysis	✓
5.	Generation of test reports	✓
Details of the Test		
Name of the Sample	Beneficiary	Amount generated (Rs.)
Safiya Jahan Ansari	St. Aloysius College, Jabalpur	800
Dr. Jyoti Choubey	RDVV, Jabalpur	500
Yash Agrawal	Shri Ram College of Science & Technology	250
Abhay Kumar Patel	Shri Ram College of Science & Technology	250
Aawesh Kumar Singh	IIIT-DM	800
Aawesh Kumar Singh	IIIT-DM	1600



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Arun kumar Sharma	JEC Jabalpur	500
Aawesh Kumar Singh	IIIT-DM	1000
Sonal Dhuriya	Govt. Model Science College	1200
Activities conducted and Students' Involvement: 1 National Webinar on "Cognizance of Intellectual Property rights for Aspiring minds" on 31st March 2023, No of student participants= 150 2. Orientation of PG Students on Research culture 3. PG Students Research Presentation conducted in February 2023, No of student participants= 25		
Number of students benefitted :		
Names of the prototypes generated 1. Rosera Wipes , By Shivani Verma , B.Sc. III Year (Biotech) 2. Tamocum, By Deeprabha, B.Sc. III Year (Biotech)		
Patent details: 1. "A medium for isolation of an endophytic fungus of genes Colletotrichum from the plant" under the process of examination, date of filing: 22/08/22, Application Number: 202221047768		
Startups and funding details: NA		

Mupke

Seal & Signature of CIL In-charge



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Year 2022-23

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. Rachna Damle	Assistant Librarian	M.Lib Isc.,PGDCA	16 Years

Library Committee

S. No	Name of the Teacher	Position
1.	Dr. Tuhina Johri	Library In charge
2.	Dr Zareen Baksh	Member
3.	Dr. Harbaksh Moolchandani	Member
4.	Mr. Prakash Kumar Langhe	Member
5.	Mr. Nitin Swami	Member
6.	Dr Nidhi Khurana	Member
7.	Ms AMBIYA KHANAM	Member
8.	Dr. Amita Chatri	Reading Room In charge
9.	Dr. Dilip Kosta	Member
10.	Dr. Megha Tiwari	Member
11.	Ms Bhawana Tekam	Member

Library Collections:

1.	Total volume of books:	84648
2.	Total titles of books:	32448
3.	Total(Book Bank) books:	3339
4.	Journals & magazines:	121
5.	E- Books:	264254 (Through E- Resources Infflibnet & Delnet)
6.	Total No. of CD, DVD etc:	802
7.	Back Volumes (BVJ):	2346
8.	Newspapers:	17
9.	Any other:	EPWRF India Time Series Database

E-Libraries details:

E-Library	Subject Area/URL
INFLIBNET	https://infflibnet.ac.in/
DELNET	https://delnet.in/
LIBRARY OPAC	http://electures.staloysiuscollege.ac.in/login/index.php
EPWRF ITS	www.epwrfits.in
E-Lectures	http://electures.staloysiuscollege.ac.in/login/index.php
National Digital Library of India (NDLI)	https://ndli.iitkgp.ac.in/



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Year 2022-23

Library working hours: 7:45 am to 5:15pm

Library Services:

- New arrivals display services
- Newspaper clipping
- Print Journal service
- Library Orientation program for Student and staff
- Technical sessions for students and Staff
- Open Access to stack area for staff & student
- Online Public Access Catalogue through LAN
- Automated Library with Bar-coding
- Digital Library with 36 PC
- Issue-Return (Circulation Service)
- Book Bank for SC/ST & under Privileged Students
- Scanning
- Printing
- Reprography
- Reference services
- Reading Hall
- Wi-Fi Connectivity
- Question paper service.(On-line and Print)

Students' Satisfaction

1. Frequency of the Library Visit
2. Purpose for visiting the Library
3. Section of the Library you visit regularly
4. Preference to go to Library
5. Mode of locating materials in the library
6. Orientation about library
7. Reasons for not utilizing Library
8. Satisfaction towards Library services
9. Least in the Satisfaction level
10. Students have less knowledge about the facility in the library
11. Overall satisfaction rate of the students
12. Recommendations of the students for improvement



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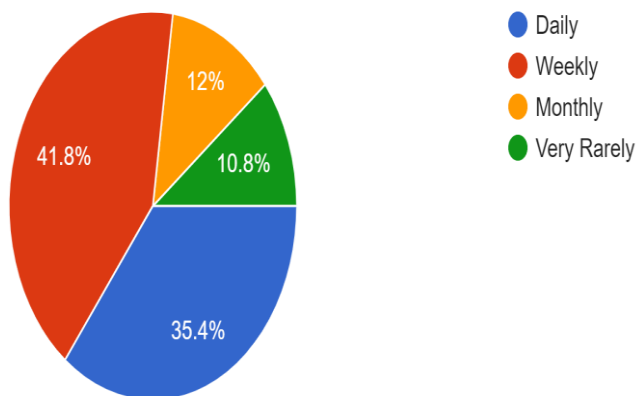
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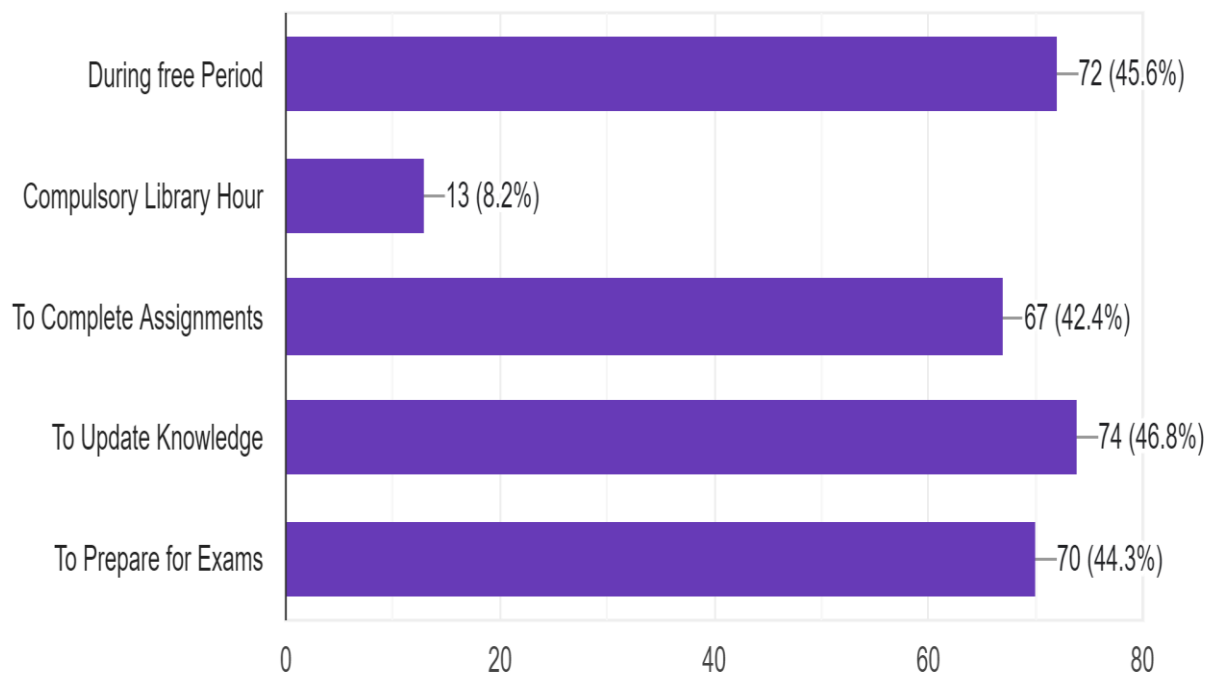
ACADEMIC & ADMINISTRATIVE AUDIT

Year 2022-23

1. Frequency of the Library Visit



2. Purpose for visiting the Library



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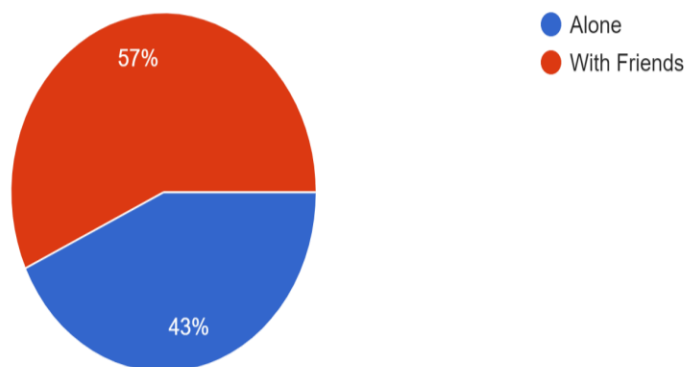
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3. Section of the Library you visit regularly



4. Preference to go to Library



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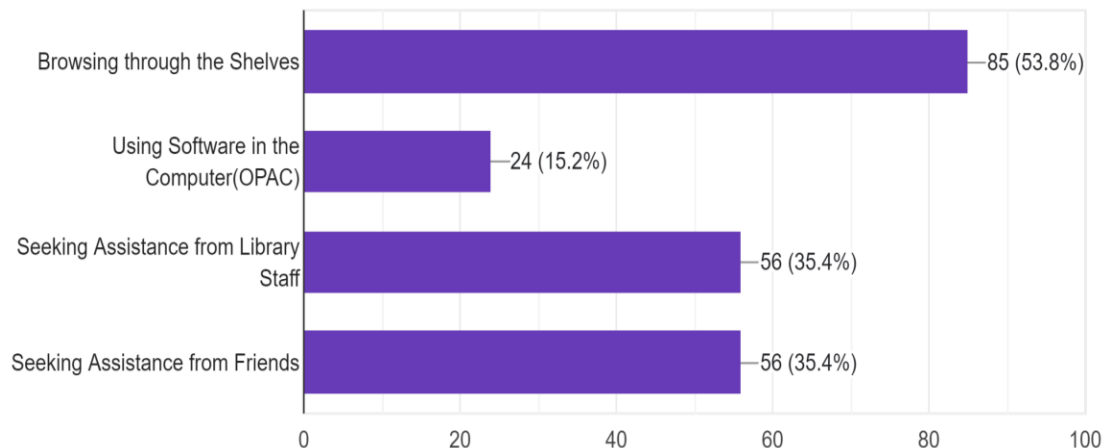
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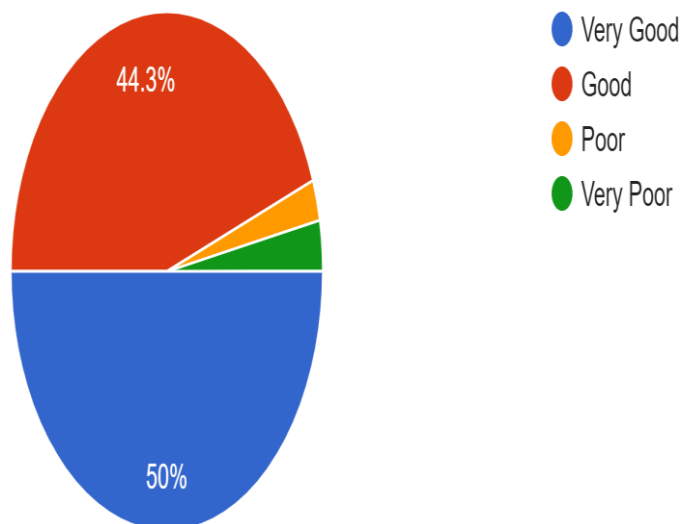
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Year 2022-23

5. Mode of locating materials in the library



6. Orientation about library



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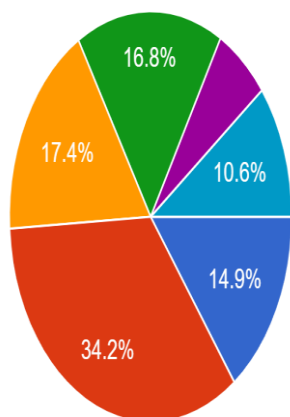
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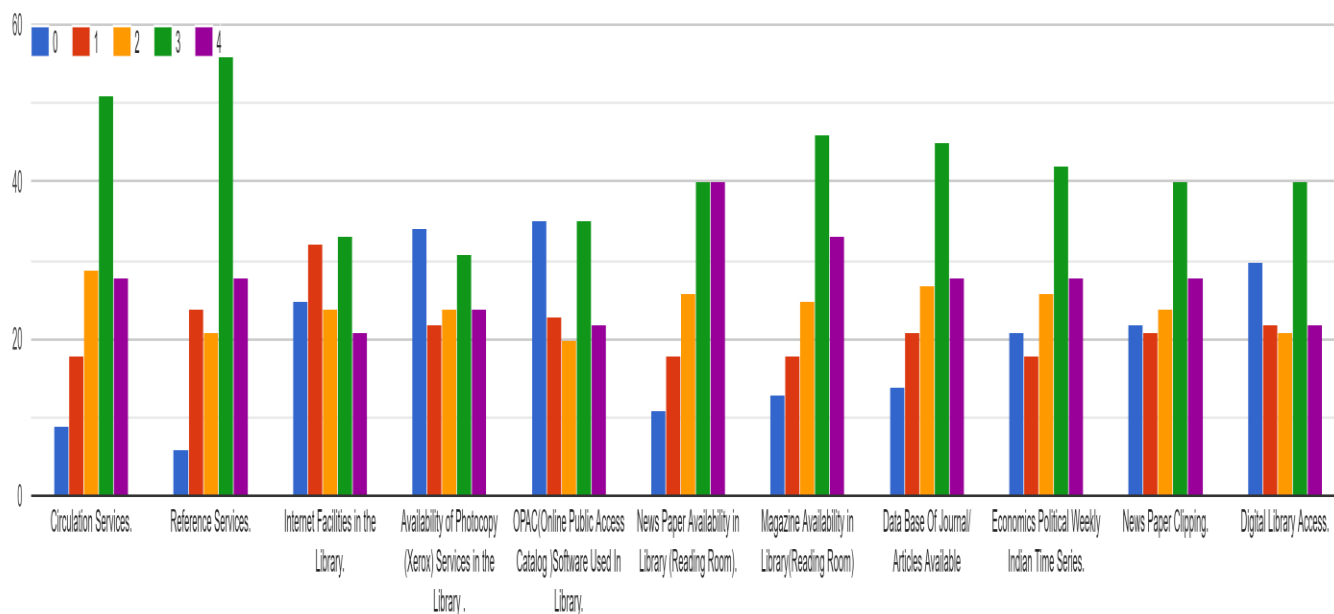
Year 2022-23

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



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Year 2022-23

9. Least in the Satisfaction level

Availability of Photocopy(Xerox) Services 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

- Circulation Services.
- Reference Services.

12. Recommendations of the students for improvement

- Please arrange fan in the stack area
- Girls and boys should sit separately


LIBRARIAN
St. Aloysius College
Jabalpur (M.P.)

Seal & Signature of Chief Librarian



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ACADEMIC & ADMINISTRATIVE AUDIT

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Number of Academic Support Staff (technical) and Administrative Staff sanctioned, filled and vacant:

S. No	Name of Staff	Designation	Qualification	Pay Scale
1	Mr. Prakash D. Parwar	L.D.C.	B.Com	32800-103800
2	Mr. Anto J. Thatill	Lab Tech.	B.SC	42700-135100
3	Mr. Saji Xavier	L.D.C.	M.Com. M.A. B. Lib.	28700-91300
4	Mr. Tejrao Soni	Book Lifter	B.Com.	19500-62000
5	Mrs. Jagrati Tiwari	Off. Asst.	M.COM	5200-20200
6	Mr. Santosh Chamkel	Off. Asst.	M.COM	5200-20200
7	Mr. Johan Lal Yadav	Lab. Tech.	BCA	5200-20200
8	Mr. Yusuf Khan	Off. Asst.	M.COM	5200-20200
9	Mrs. Mary Indra Norbert	Off. Asst.	MA.	5200-20200
10	Mr. Brian Clayton	Asst. Account.	BSC	5200-20200
11	Mrs. Martha Mathew	Off. Asst.	BA	5200-20200
12	Mr. Basant Namdeo	Off. Asst.	BA	5200-20200
13	Mr. Gagandeep S. Saggi	Off. Asst.	BCOM(CA)	5200-20200
14	Mr. Mohit Raxe	Off. Asst.	BCA	5200-20200
15	Mr. Vineeth M Menon	Off. Asst.	BA, DTS	5200-20200
16	Mr. Shiv Prasad Pandey	Lab. Att.	BA II YEAR	5200-20200
17	Mr. Rajendra Prasad	Lab. Att.	BA ITI	5200-20200
18	Mr. Anil Rajak	Peon	10th Pass	5200-20200
19	Mrs. Krishana Bai	Farrash	6th Pass	5200-20200
20	Mr. Mukesh Kumar	Lab. Att.	10th Pass	5200-20200
21	Mr. Suresh Kumar	Farrash	10th Pass	5200-20200
22	Mr. James. Joseph	Lab. Att.	10th Pass	5200-20200
23	Mr. Raju Fernandes	Peon	8th Pass	5200-20200
24	Mr. Jitendra Charles	Lab. Att.	8th Pass	5200-20200
25	Mr. Rajesh Khanojia	Lab. Att.	12th Pass	5200-20200
26	Mr. Abdul Anwar	Peon	12th Pass	5200-20200
27	Mr. Sandeep Jhariya	Driver	10th Pass	5200-20200
28	Mr. Jitendra Parihar	Peon	5th Pass	5200-20200
29	Mr. Sudesh Parwar	Lab. Att.	8th Pass	5200-20200
30	Mr. Chanda Bai	Farrash	5th Pass	5200-20200
31	Mr. Ashish Naigam	Peon	8th Pass	5200-20200
32	Mr. Bharat Prajapati	Peon	8th Pass	5200-20200



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ACADEMIC & ADMINISTRATIVE AUDIT
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& Star College Scheme by DBT

33	Mr. Manish Yadav	Lab. Att.	10th Pass	5200-20200
34	Mr. Ritesh Kumar	Peon	10th Pass	5200-20200
35	Mr. Manoj Sahu	Peon	10th Pass	5200-20200
36	Mrs. Sharmila Lakra	Lab. Peon	B.A	5200-20200
37	Mrs. Rajeshwari	Gen. Main	12th pass	5200-20200
38	Mrs. Rupa Bichhail	Maintenance	9th Pass	5200-20200
39	Mrs. Arti Matel	Maintenance	6th Pass	5200-20200
40	Mrs. Radha Gautam	Maintenance	7th Pass	5200-20200

Seal & Signature

Date: 10/10/23



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Sports and fitness center

Staff Profile

S. No	Name	Post
1.	MS. ROHELA PILLAY	Sports Officer
2.	MR. HARISH KUMAR DUBEY	Asst. Prof.

Committee

S. No	Name	Position
1.	DR. SUNIL TIWARI	Member

Infrastructure

S.NO.	Ground and Equipment's
1.	Gym- Men and Women (Separate) For Men - 24 Station Multi Gym, a Cycle, 2 Manual Treadmill, a Twister, 5 Sets of Dumbles, and 2 Sets of Barbells. For Women - 2 Treadmills, a Cross Trainer, 3 Cycles, 1 Twister, 5 Sets of Dumbles, and a Massager.
2.	Basketball Court
3.	Football Ground
4.	Volleyball Ground
5.	Handball Court
6.	Table Tennis Hall
7.	Badminton Hall
8.	Track and Field
9.	Kabaddi Ground



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Achievements

S. No	Student's Name	Event	Description	Achievement
1	Muskan Kirar Ma (Political Science) Iii Sem	Archery	1. Taipei Archery Open Tournament 10-11 December 2022 (Taiwan) 2. 18th Senior National Archery Championship 2023 from 15th - 18th March ,Gujarat. 3. National ranking Archery Tournament held at Shillong from 25th- 27th March 4. All India University 2022-23	Gold Medal Gold Medal Bronze Medal Gold , 4 silver 1 bronze medal In different Events
2	Raginee Marko Ma (Economics) Iii Sem	Archery	1. Asian Cup World Ranking Archery Tournament Stag-2 Tashkent (UZB) May 2022 2. 18th Senior National Archery Championship 2023 from 15th - 18th March ,Gujrat 3. All India University 2022-23	2 Gold Medal Gold Medal 1 Gold Medal
3	Vanshika Namdeo Bcom III Sem	Wushu	1. 8 th World Junior Wushu Championship 3 rd to 11 th December 2022 (Indonesia) 2. Khelo India Junior Wushu 2nd to 6th February Championship 2023 3. 6th federation Cup Wushu Championship (Men/Women) 2023 from 20th to 24th March 2023. 4. All India University 2022-23	10 th position 1 Gold Medal 1 Gold and 1 Silver Medal. 1 Gold Medal, 1 Silver and 1 Bronze medal
4	Yashika Sharma Mcom III Sem	Power lifting	Common Wealth Power Lifting Championship 24 th to 4 th December 2022 (New zealand)	Participation
5	Taniya Jatav Bcom Iii Sem	Wushu	1. Khelo India Junior Wushu	1 Gold and 1 Bronze



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			Championship 2022-23 2. 21st Junior/ Youth National Wushu Championship 2022 from 1st to 6th September 2022. 3. All India University 2022-23	Medal in different events. Gold and 3 silver medal in different events. 1 Gold and 1 Bronze Medal
6	Chirag Vidhyarthi Bcom Iii Year	Archery	1. NTPC SENIOR NATIONAL ARCHERY CHAMPIONSHIP GUJARAT in Mix Team Event held from 9-18 March 2023. 2. 2ND JUNIOR NATIONAL RANKING ARCHERY TOURNAMENT SHILLONG held from 25th - 27th March 2023. 3. All India University 2022-23.	GOLD Medal FIRST POSITION Bronze Medal
7	Amit Kumar Ba Iii Sem	Archery	2nd NTPC National Ranking Archery Tournament 2023 Shillong, Meghalaya 19th to 28th March, 2023	Bronze medal.
8	Saloni Kirar Ba Iii Sem	Archery	1. Open Sub-Junior & Senior National Archery Championship 16th To 22nd September, 2022 Haridwar, Uttarakhand 2. 2nd NTPC National Ranking Archery Tournament 2023 Shillong, Meghalaya 19th to 28th March, 2023	Gold medal Silver Medal
9	Mahak Jaiswal BA III sem	Handball & Gatka	1. 44 th Junior Girls National Handball Championship 11th to 15 th January 2023 2. 1 st Gatka federation cup Chandigarh 21th to 23 rd April 2023	3 rd Position 3 rd position
10	Aditya Lilani	Body Building	National Amateur Body Building & Fitness Championship 25 th to 26 th June 2022	3 rd Position



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11	Kanishka Pillay Bcom Iii Sem	Ball Badminton	Central Zone Ball Badminton Championship 28th to 30th November 2022-23	2 nd position
12	Nararyan Dev Warkade Ba Iii Yr	Handball	44th Junior Boys National Handball Championship 26th to 30th January 2023	1 st Position
13	Mitali Yadav Bba Iii Year	Taekwondo	5th Open National Taekwondo Championship 29th To 31st December 2022	Silver Medal
14	Yashwardhan Swamy Bcom III sem	Tennikoit	22 nd West Zone National Tennikoit Championship 23th to 25 th December 2022	2 nd Position.
15	Kartik Banskar Bcom Iii	Ball Badminton	NMDC Central Zone Ball Badminton Championship 28 th to 30 th November 2022	3 rd Position
16.	Prajwal Gupta	Karate	All India University 2022-23	1 Bronze medal
17.	Karan Singh	Karate	All India University 2022-23	1 Bronze medal
18.	Shristi Singh	Archery	All India University 2022-23	1 Gold Medal
19	Harshal Pathani	Rifle Shooting	Khelo india Womern's League 15 th -23 rd March 2023.	Silver Medal

Any other details:

Seal & Signature of Sports Officer

SPORTS OFFICER
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