IQAC Report

(2022-23)

The Internal Quality Assurance Cell (IQAC) of St. Aloysius College has consistently been at the forefront of ensuring academic excellence and holistic development within the institution. This report encapsulates the myriad initiatives, evaluations, and enhancements undertaken by departments, clubs and societies during the academic year. As a pivotal component of the college's commitment to continuous quality improvement, the IQAC has played an instrumental role in fostering a culture of quality in both academic and administrative activities. Through its systematic and meticulous approach, the IQAC has fostered the college's vision of delivering education while upholding its cherished values and traditions.

A comprehensive breakdown of activities by the departments are detailed below:

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- 1. The **Department of English** has showcased commendable quality initiatives and achievements in the academic year 2022-23. Emphasizing research and publication, the department presented 07 research papers, with 04 being published. Faculty members were actively involved in delivering lectures at esteemed institutions and conferences, highlighting their expertise and the department's reputation. The introduction of certificate courses aimed at enhancing communication skills witnessed significant participation, ensuring quality education. The Talent Fest 2023 and other competitions fostered creativity and critical thinking among students. Collaborative efforts were evident with the National Online Lecture Series, engaging students with diverse literary topics. The department's commitment to holistic development was further reflected in extension activities, movie screenings, and observance of significant days like World Poetry Day, ensuring a blend of academic rigor and cultural enrichment.
- 2. The Hindi Department organized an online certificate course with 21 participants and celebrated the "Indian Language Festival" in December 2022. Special classes were held for non-Hindi speakers in February 2022. A computer proficiency workshop in Hindi benefited 26 students in March 2022. The department also hosted a two-day national seminar on poets Pradeep and Neeraj. Research contributions included 1 journal publication, 2 book chapters, 9 seminar participations, and various other academic involvements, highlighting the department's academic and cultural endeavors.
- 3. The **Department of Economics**, committed to "Quality Teaching and Research," has made significant strides this academic year. The faculty has been proactive in research, with 08 research papers published in national and international journals, 03 chapters in edited books, and three books edited by Rev. Dr. G. Vazhan Arasu. Additionally, two monographs were published, and an ICSSR-sponsored major research project is ongoing. The department boasts of guiding 03 Ph.D. scholars. Key events included an industrial visit to "Perfect Firebricks Private Limited," a certificate course on "Advertisement and Sales Promotion,"

1, AHILYA BAI MARG, PENTINAKA CHOWK, SADAR, CANTT, JABALPUR, MADHYA PRADESH, INDIA 482001 +917612620738 info@staloysiuscollege.ac.in



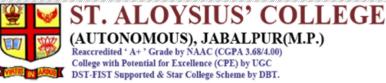
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INTERNAL QUALITY ASSURANCE CELL

and a student exchange program from North America. The department also organized various discussions, workshops, and awareness programs, including a panel discussion on the "Economic Survey 2022-23" and a workshop in collaboration with the National Statistical Office. The "Aloysian Economic Times" newsletter was released, and an MOU was signed with Manglayatan University, Jabalpur, emphasizing the department's dedication to academic excellence.

- 4. The Department of Political Science, committed to fostering democracy and empowerment, has achieved significant milestones in the academic year 2022-23. A notable accomplishment was the organization of a National Seminar on the National Education Policy 2020. The department's research contributions include four papers published in UGC Care List Journals, two chapters in an edited book, and an edited book on the 'Right to Information Act 2005'. Faculty engagement was evident with participation in three FDPs, a workshop, a national conference, and two webinars. Student achievements were highlighted with five PG students presenting papers at national seminars, three qualifying NET-2023, and various selections in esteemed institutions. The department also launched two certificate courses and released the "Pravah" newsletter twice. Several events, including panel discussions, guest lectures, competitions, and collaborations with other institutions, were organized, emphasizing the department's dedication to holistic education.
- 5. The **Department of History** showcased commendable achievements in 2022-23. Dr. Manju Maria Solomon completed a research project sponsored by ICSSR and published two research papers in esteemed journals, including IJRAR and AGPE Research Journal. The department actively engaged students through various initiatives, such as the "Azadi ka Amrit Mahotsav" poster competition, elections of the History Forum, educational trips to historical sites, and a visit to an orphanage. Additionally, an online certificate course on "Indian History Chronology" was conducted, and the departmental newsletter "VIRAASAT" was published. The celebration of "Parakram Diwas" and participation in an international conference further highlighted the department's dedication to holistic academic growth.
- 6. The **Department of Computer Science**, dedicated to 'Educating for a better tomorrow', launched several pivotal initiatives this year. A five-day skill enhancement program on "Hands on Training with Python" was organized, benefiting sixty students with insights from industry experts like Ms. Poorvi Gupta and Mr. Ankur Srivastava. In September, the department introduced a Diploma course in computer application (DCA), attracting forty-five diverse students. A workshop titled "Gaming through Python" drew participation from 128 school students. The grand "Meraki: A knowledge fest 2023" saw participation from 150 school teams and 450 college students, offering a plethora of activities. On Subhash Chandra Bose Jayanti, a group discussion was held for BCA 3rd year students. A comprehensive workshop on IoT, led by Mr. Vivek Singh, engaged 120 students. The highlight was the National Software Development Championship in March with 32 teams, where "The Vision"

 1, AHILYA BAI MARG, PENTINAKA CHOWK, SADAR, CANTT, JABALPUR, MADHYA PRADESH, INDIA 482001
+917612620738
info@staloysiuscollege.ac.in



team emerged victorious. The department also organized a Digital Marketing training session, benefiting 38 B.Com (CA) students.

- 7. The Department of Mathematics, committed to fostering mathematical insight and analytical prowess, undertook several notable initiatives. An interdisciplinary certificate course, 'Vedic Mathematics', was conducted from 28th Sept. to 28 Oct. 2022. On 22nd Dec.'22, an online National webinar titled 'History and Recent Trends of Mathematics' was co-hosted with Patna Women's College. National Mathematics Day witnessed the release of the Mathematical Society newsletter and the announcement of PowerPoint competition winners. Dr. Mandira Kar guided three postgraduate students in presenting research at an International Conference, culminating in a published paper. Faculty members, including Dr. Kar, Dr. Darbari, and Dr. Pathak, contributed video lectures to the M.P. PG Higher Education portal. The department published nine research paper, with two in Scopus/UGC/peer-reviewed journals.
- 8. The Department of Chemistry, in alignment with the National Education Policy, undertook significant quality initiatives. Under the DBT STAR scheme, practical sessions beyond the standard syllabus were conducted for BSC students. The department organized a Chemistry Seminar titled "New Avenues for Employment in Chemistry", attended by 74 students. Two DBT sponsored certificate courses were introduced, benefiting 72 students. An industrial visit was organized for 51 students covering three prominent industries. The department's event, Rasaynika, saw participation from nearly 250 students. Faculty members actively engaged in international conferences, with students receiving accolades. The departmental newsletter, DISHA, was released, highlighting the department's achievements. A special certificate course under the Peace Project was attended by 32 students, emphasizing peace and holistic development.
- 9. The Department of Zoology undertook several quality initiatives during the session. A quiz competition on International Tiger Day saw participation from 35 UG and PG students. An extempore program on "Health and Hygiene" had 45 participants. A significant lecture on "Modern Trends in Animal Taxonomy" benefited 100 students. The department introduced a certificate course in "Microtomy" with 18 registered students and another in "Innovative Zoological Practices" with 15 UG students. A workshop on 'Sericulture: Self-Employment' was organized, and an internship on "Vermicomposting" saw 20 M.Sc students enroll. Visits to Dumana Nature Park, a sericulture unit, and a poultry farm were organized. Additionally, awareness programs, guest lectures, and competitions were held, cumulatively benefiting hundreds of students.
- 10. The **Department of Botany and Microbiology** showcased commendable initiatives this session. A career guidance talk by an alumnus and a Bonsai Training programme were organized to enhance students' skills. The department hosted school students from multiple institutions for lab visits. Certificate courses in Mushroom cultivation and water quality

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monitoring were introduced. Several guest lectures on diverse topics, ranging from 'Ethics for Botanists and Microbiologists' to 'Hydroponics', were conducted. Collaborative activities under MoUs, hands-on training on 'Fungal Identification', and internships on instrumentation were facilitated. The department organized a national workshop on Analytical Techniques and celebrated 'Ecofest 2023' and 'International Microorganisms' Day. Industrial visits to prominent local industries and National Science Day celebrations further enriched the students' learning experience.

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- 11. The **Department of Biotechnology** showcased significant initiatives this session. An online expert talk on "The Genomic epidemiology of Monkey Pox Virus" was conducted with Dr. Abhinendra Kumar from the National Institute of Virology. The department organized a trip to Agadyati for UG students, emphasizing organic farming and start-up commercialization. This was further strengthened by signing an MOU with 'Agadyati Herbs and Food Private Limited'. The Aloysian Biotech Society hosted 'Vigyanam Garjana', a significant interschool event. A comprehensive 10-day internship was provided to 58 students from Home Science College, Jabalpur. An industrial visit to "Shivshakti plant tissue culture industry" was organized. The department celebrated Science Day with 'AVINYA', hosting various competitions, and concluded with a two-day online expert talk on Bioinformatics, attended by 50 students.
- 12. The **Department of Management** showcased commendable initiatives this academic session. A series of guest lectures were organized, including a notable session on digital marketing attended by 150 students and another on "LinkedIn Profile Management and Development" benefiting 300 students. A workshop on "Financial Reporting and Tax Fillings" was conducted, emphasizing real-time financial practices. The department also organized an industrial visit to Agadyati Herbs & Food Pvt. Ltd., providing students with practical business insights. The departmental newsletter, "AMA Review", saw two releases, highlighting contemporary business themes. Social responsibility was emphasized through a collaboration with the Rotaract Club, focusing on the importance of education. The annual fest, "AMA Meraki 2023", was a grand event with various competitions, fostering leadership and team-building skills. Faculty development was prioritized, with members engaging in research, publications, and international courses, ensuring holistic growth for both students and staff.
- 13. The **Department of Commerce**, in alignment with the National Education Policy, introduced major, minor, and elective courses, enhancing the skill disciplines of commerce. Several add-on courses were initiated, including B.Com. with US CMA, Finance for Non-Finance Professionals, and Taxation for Beginners, sharpening students' managerial and accounting expertise. An international collaboration was fostered through an online certificate course in GLOBAL BUSINESS with La Salle University, Columbia. The "Commerce Fest-Bharat Business Conclave" was organized, promoting diverse business

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+917612620738
info@staloysiuscollege.ac.in

College with Potential for Excellence (CPE) by UGC DST-FIST Supported & Star College Scheme by DBT. models. Faculty achievements included the publication of an edited book, a design patent, and over twenty research papers. Faculty recognitions included the Edvishan-Global peace

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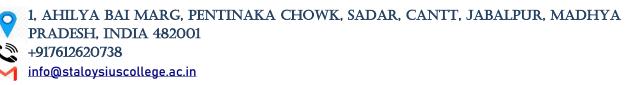
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and over twenty research papers. Faculty recognitions included the Edvishan-Global peace award and Naari Shakti Samman. Students excelled with placements in top companies like TCS and Amazon, and sports achievements in Wushu Championships.

14. The **Department of Education** showcased significant achievements during the 2022-2023 session. A faculty member was conferred with a Ph.D., while another was recognized by the PDS education society for her contributions to education. The department published seven research papers, with notable inclusions in Scopus and the UGC care list. Faculty engagement was robust with 41 participations in international and national conferences, seminars, and workshops. The "Pragya" magazine was launched, emphasizing modern educational themes. A series of guest lectures enriched the learning environment, and the department organized value-added courses, including a certificate course in music. A three-month internship program trained B.Ed students in practical teaching aspects. Additionally, the department organized an "EDUFEST", promoting cultural activities, and conducted campus selections with 12 students securing positions as PGT & TGT in renowned schools.

A detailed overview of the activities conducted by the clubs, societies, and cells:

- 1. The **Cultural Club** organized the Tiranga Rally on 13 August 2022, led by Cantt. MLA Ashok Rohani. On 13 September 2022, the Talent Fest was held, on 28 January 2023. The club participated in the Inter College Youth Festival on 10 November 2022, securing first positions in Debate, Speech, Cartoon making, and Solo Sugam. State Level competitions at Barkatulla University, Bhopal, saw first positions in Western Solo song and Solo Classical Dance. Ishita Vishwakarma of B.A. III year was awarded the Nayakia Samman on 13 April 2023.
- 2. The Nature Club, undertook significant environmental initiatives. On 6 August 2022, a "Disease Awareness" program was conducted. A collage competition themed "Only One Earth" was held on 8 October 2022. The club organized a Rose plantation drive on 18 October 2022, adding 180 rose plants to the campus. An awareness program on water pollution was executed on 3 December 2022 at Gwarighat, Narmada River. The club also emphasized sustainable farming practices on 18 January 2023 and conducted a workshop on 'Vegetative Propagation' from 23-24 February 2023. Through diverse programs, they emphasized disease awareness, sustainable farming, and environmental preservation.
- 3. The **Jabalpur Interreligious Forum** (**JIRF**) actively promoted communal harmony and national unity through diverse events. They organized competitions on National Unity Day, observed the Communal Harmony Campaign Week with painting and essay contests, and celebrated major Indian festivals like Deepawali, Guruparv, and Christmas. These events, emphasizing unity in diversity, were graced by eminent personalities and aimed to foster interfaith understanding and universal brotherhood among students.





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- 4. The **National Service Scheme** (**NSS**) **Unit**, Key achievements include Soumya Patel and Shivek Singh receiving the Best Volunteer Awards. Activities spanned from tree plantations on Environmental Day to yoga sessions and a Covid Vaccination Camp. Notably, Simran Chakravarti and Shruti Jain represented the college at national events in Mcloadganj and Delhi respectively. The unit also organized awareness programs, special camps in Jamuniya and Bhitoli villages, and ensured active student participation in events like Republic Day Camp Parade and National Adventure Camp.
- 5. The **Women Cell**, established in 1997, aims to foster development and societal contributions among its members. The cell organized various programs, including a vaccination camp, an educational session on Vedic Mathematics, and awareness initiatives on women's societal challenges, sanitization, and environmental issues. They also celebrated International Women's Day with a speech competition and conducted a two-day training on website design. These activities emphasized empowerment, health, and skill development, aligning with the cell's vision of responsible and value-oriented leadership among women students.
- 6. The National Cadet Corps (NCC) both Army and Naval wings, consistently producing emerging leaders. The notable achievements include participation of five cadets in the Republic Day Camp, with accolades in the All India Best Cadet Competition. Cadets received significant cash rewards for their exemplary performance. They also engaged in various camps, including Nau Sainik, Service Selection Board, and Rock Climbing. International Yoga Day saw 82 cadets practicing yoga. The unit commemorated Kargil Vijay Diwas, participated in a ship attachment camp, and won a gold medal in the All India Nau Sainik Camp. Additionally, they organized a blood donation drive, tree plantation, and other awareness activities.
- 7. **Samarpan Club** is dedicated to community welfare, especially for the underprivileged. In 2022, they visited a government school in Mehgava, Jabalpur, promoting health and sanitation, and distributed stationery and food, benefiting 75 children. On July 23, they organized a "Helmet Awareness Campaign" with 89 students participating in a poster-making competition. From October 5-12, they held driving classes for 25 female students. The club also visited "Little Sisters of the Poor, Rimjha" old age home, providing essentials and celebrating Christmas with the residents. These activities aim to shape students into responsible and compassionate future citizens.
- 8. The **Electoral Literacy Club** actively promotes voting awareness. On October 15, 2022, they organized a voter ID camp and poster competition, with involvement from Ms. Archana Dubey and Dr. Durga Ray. Subsequent events included a college and district-level quiz competition, Nukkad natak, and role play, with participants achieving notable ranks. On January 25, 2023, Voter's Day, all students took a pledge, participated in a street show, and essay competition. All activities aimed to emphasize the importance of voting in a democracy, echoing Abraham Lincoln's sentiment about the power of the ballot.



- 9. The **Red Ribbon Club**, in collaboration with the Department of Zoology, held multiple events in 2022-23. On July 30, an Extempore Competition on "Health and Hygiene" saw 45 participants. December 30 marked a Poster and Slogan competition on AIDS. World AIDS Day on December 1st featured a roadshow for AIDS awareness. Lastly, on February 27, 2023, a Health Awareness Programme targeted girl students and female staff. Their initiatives, ranging from competitions to roadshows, reflect a commitment to educating and promoting well-being within the community.
- 10. The **Sports cell** has had a remarkable year, with students excelling in various sports activities across multiple levels. From basketball to archery, our students have showcased their talent and dedication. Notably, the college teams have secured top positions in numerous intercollegiate tournaments, with several students being selected for district, state, and university levels. Our representation at the All India University level has been commendable, with students bringing home gold, silver, and bronze medals. The Annual Sports Meet was a highlight, celebrating athletic prowess. In total, 80 students were selected at the district level, 68 at the state, 41 for the university, 27 for All India University, 43 for national, 3 for Khelo India Games, and 3 for international events. This year's achievements underscore the dedication, hard work, and sportsmanship of our students and the supportive environment fostered by the institution.
- 11. The **Placement Cell** has been actively engaged in a plethora of activities for the academic year, ensuring students are well-prepared for their future careers. Initiatives began with the two-day UDAAN Session in July, focusing on transitioning from campus to corporate, benefiting around 500 students. Subsequent events included a 50-hour training program, orientation sessions, and various campus drives by renowned companies like UPES Dehradun, Awas 24, Jaro Education, TCS, and SBI. Workshops on resume writing, digital marketing, capital market awareness, and interpersonal skills were also organized. Special sessions on entrepreneurial skills, startup campaigns, and industry 4.0 were conducted, emphasizing the importance of adaptability in the ever-evolving corporate world. The year concluded with TCS's Youth Employability Program and a virtual campus drive by British Telecom. Overall, the Placement Cell's endeavors have been instrumental in equipping students with the necessary skills and knowledge for their professional journeys.

Placement Report: St. Aloysius College's placement cell successfully facilitated job opportunities for students across various streams. A total of 80 placements were recorded. Notable companies included No Broker, Byjus, TCS, Hexaware, and Amazon. The highest package offered was 10 LPA by Byjus, while the average package ranged around 3-4 LPA. Students from diverse courses like BBA, BCom, BSc, and BA secured positions, with BCom students being the most placed. Roles varied from Sales Executive to specialized domains like Digital Marketing. The report underscores the college's commitment to ensuring its students' employability.

1, AHILYA BAI MARG, PENTINAKA CHOWK, SADAR, CANTT, JABALPUR, MADHYA
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info@staloysiuscollege.ac.in

Laurels: This academic session the college garnered significant national recognition. According to the India Today magazine's 2022 rankings of premier colleges in India, the institution achieved the 72nd position in the Arts discipline, 84th in Commerce, 106th in Science, 104th in Business Administration (BBA), and 125th in Computer Applications (BCA). Additionally, the college was distinguished with a 74th rank at the national level and an impressive 26th rank at the zonal level in the Internshala Annual Rankings 2022.

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Academic Performance: The academic performance for this year, as declared in July, was also exemplary. The undergraduate programs showcased high pass percentages with B.A at 98.75%, B.Sc. at 90.02%, B.C.A at 95.83%, B.B.A at 96.24%, B.Com at 98.15%, and B.Com (Hons.) at 96%. The postgraduate programs, including M.A, M.Sc., and M.Com IV semester, reported a commendable pass percentage of 98.13%.

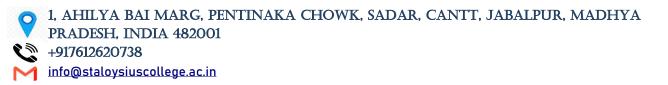
Faculty Development: International Exposure and Enrichment Programs

The college has always emphasized the continuous professional development of both its teaching and non-teaching staff. In line with this commitment, several enrichment programs were undertaken in the past year. Three of our esteemed teachers successfully completed a 3-month professional certificate course on Adaptive Designer Learning. This course, organized by Ateneo SALT Institute University and sponsored by the United Board, took place from 4th July to 30th September 2022. Additionally, one faculty member delved deep into the realm of Service-Learning in Asia through a four-month course offered by the NGEE ANN Polytechnic Institute in Singapore. Spanning from 1st April to 1st August 2023, this course, also sponsored by the United Board, allowed the faculty to focus on SDG 6 - Clean Water and Sanitation. This led to the initiation of a project targeting clean water challenges in the slums of Jabalpur district.

Furthermore, another faculty member had the privilege of participating in the United Board Fellows program at Sophia University, Tokyo, Japan, from April 17 to May 31, 2023. This 45-day placement provided invaluable international exposure. In another significant development, a faculty member underwent a 15-day Campus Management Training program at Ateneo De Davao University in Davao, Philippines, a program sponsored by the United Board for Christian Higher Education in Asia.

Holistic Development through Peace Education and Global Understanding

• **Peace Education for Holistic Development:** The institution embarked on an enlightening journey with the introduction of the "Creative Approaches to Peace for Character Formation and Holistic Development" project. Sponsored by the United Board, this initiative delves deep into the multifaceted origins of conflict, encompassing cultural, religious, social, economic, and psychological dimensions. The primary objective is to





elucidate the fundamental prerequisites for peace and reconciliation, thereby nurturing a knowledgeable and harmonious student community.

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• Global Education for comprehensive Intercultural Insight: The college has pioneered the "Global Education for Global Understanding Project," aiming to enhance intercultural dialogue and instill a broad global perspective among students. This innovative program offers online certificates centered on Global Understanding, encompassing pivotal subjects such as cultural exchanges, global politics, economy, and environmental studies.

As we conclude, it is evident that the institution has made significant strides in various domains, reflecting our commitment to excellence in education and holistic development. The initiatives and achievements highlighted in the report underscore our dedication to fostering a conducive learning environment, enriching faculty experiences, and nurturing globally-aware students. In the words of Nelson Mandela, "Education is the most powerful weapon which you can use to change the world." With this guiding principle, we remain steadfast in our mission to empower our students and faculty, ensuring that they are equipped to make meaningful contributions to society and the world at large. We look forward to another year of growth, innovation, and impactful change.

Dr. Siby Samuel IQAC Coordinator IQAC Coordinator St. Aloysius College (Autonomous) JABALPUR-482001 (M.P.) INDIA

Dr.Fr. Vazhan Arasu Chairman & Principal PRINCIPAL St. Aloyslus College (Autonomous) JABALPUR- 482001 (M.P.) INDIA

