



**ACADEMIC
&
ADMINISTRATIVE AUDIT
2020-2021**



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 **20th August 2021.**

The Audit Team comprised of the following external members:

1. Dr. Fr. Davis George (Chairman)

Director

St. Aloysius Institute of Technology

Jabalpur

2. Prof. T. R. Naidu

Department of English

Govt. Mankunwar Bai Arts & Commerce college

Jabalpur

3. Dr. Smita Shrivastava

Principal

St. Aloysius Institute of Technology

Jabalpur

The Process

The softcopy report of the Academic and Administrative Audit was submitted to the team. Then video conferencing meet was organized with the members of the team, Principal, IQAC coordinator and the heads of various departments. The Heads of the departments gave a brief input on the various activities undertaken by their department. The team had a thorough discussion with the Principal, IQAC Coordinator and faculty members. Dr. Siby Samuel, Coordinator IQAC, coordinated the Audit process.

About College

During the pandemic, the college enabled uninterrupted teaching and learning by transforming every classroom into video conference classrooms and conducting classes using the Google Meet platform. The examinations of UG & PG final year were conducted through Open Book Examination as per the order issued by the Department of Higher Education, Bhopal and declared the results timely.

The faculties published 02 monographs, 04 edited books, 01 self-authored book, 23 International and 39 National research papers/articles and 47 chapters in edited book. Two patents filed in this session.

Achievements: The college has secured rankings in India today survey and obtained ranks in all the streams viz., 66th rank in Arts stream; 79th rank in Commerce; 118th position in Science; 108th position in BBA; and 121st position in BCA.

One student awarded the Best Speaker in Inter College National Level Debate Competition organized by U.S. Consulate, Mumbai, three students were awarded USD 3000 in global IMA Student Case study Competition. Two students were awarded the prestigious Eklavya Award in sports by Madhya Pradesh Government. One student represented Madhya Pradesh and Chhattisgarh Directorate in the Republic Day Camp at New Delhi. One student won a Gold Medal in International event in Taekwondo, two students won Silver and Bronze medals in National Wushu Competition respectively, and two students won Gold and bronze medals respectively in National Strength Lifting. Organized five days International Student Faculty Exchange program. Under the Paramarsh scheme the college has guided nine colleges aspiring to proceed for NAAC accreditation

Observations

The team highlighted the college's strengths and issues as follows, based on the data provided by the college and extensive virtual discussions with the teachers and authorities of the college:

Curriculum and syllabi: All departments offer the programs with sufficient no. of elective options and the courses have focus on employability, entrepreneurship, and skill development.

Teaching Learning and evaluation: Due to pandemic, various digital tools and technologies were incorporated in teaching, learning and assessment. The classrooms were facilitated to online teaching classrooms, students and teachers were digitally updated, around 4000 e-

Lectures were recorded and stored in cloud repository, organized many webinars, online tests and supporting online research and projects.

Student Support: Along with the curriculum teaching and learning, students were given academic skills to help them enhance their language, writing, problem-solving, and presenting skills. Also, the college has assisted financially challenged students, with 131 students receiving college level scholarships and 815 students receiving state government scholarships this year.

In-house Staff Training program: In-house trainings are held on a regular basis to help employees work together more effectively, personalize teaching and learning to the organization's needs, and standardize processes. The college hosted the 03 Faculty Development Program and time to time the staffs are appraised with campus automation software.

Campus eco-friendly: The college carry out environmentally friendly education and operations in order to establish a sustainable eco-friendly environment. The activities undertaken were regular plantation campaigns, a road show for waste management and zero pollution awareness among students and the general public, students were educated on proper lab waste disposal, certain reagents have been replaced with eco-friendly and green compounds, the concept of green

chemistry, managing the hazardous chemicals, strictly prohibiting polythene in campus. The campus is 100% using e-governance, therefore reduced paper and stationary waste.

Design & Innovation and Entrepreneurship: Under design and innovation center, a scheme under MHRD, five companies have been registered and two prototypes received funding from the government agency. Also, the ED Cell of the college focuses on comprehensive learning management for student entrepreneurs to establish values and cognitive systems to enhance their perceptions on innovation. The students were motivated through various programs organized namely, Entrepreneurship Awareness Program and Best Innovative Business Idea Competition, Training Program on Empowering Entrepreneurship- Best out of Waste, YESS- Young Entrepreneurs to Start-up Stars (A Beginning) etc.

Gender sensitization programmes: The college is committed to gender equality and gender sensitization, and many programs have been arranged to promote these goals, namely courses on Vedic mathematics, drawing and painting and hardware management, awareness on decoding mind-body connection, zero tolerance for female genital

mutilation, entrepreneurship and various competitions were also conducted among girl students

Concerns

- Departments should have more collaboration with Industries and Universities of repute
- More Major Research Projects should be acquired to sustain its growth and development.
- Providing corporate consultancy




Suggestions

- To apply for funded research projects and fellowships
- To apply for patents.
- MoUs' for internship with industries.
- Publications in SCOPUS, Web of Science Indexing

Acknowledgement

The Team expressed their sincere thanks to Dr. Fr. Vazhan Arasu, Principal and appreciated his dedication and the work done by all the faculty members. We thank all the faculty of the Institution for sharing information and views about the activities of their department. We are also thankful to Dr. Siby Samuel, IQAC coordinator for effectively facilitating the activities to the Team virtually.


Signature of Audit Team Members:

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

Date of Audit

20th August 2021

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


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



ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR (M.P.)

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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT

ACADEMIC & ADMINISTRATIVE AUDIT

Year 2020-21

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 |
|--------------------|-----------------|--|
| M.Sc. Microbiology | I | Biomolecules |
| | | Bioenergetics and intermediary metabolites |
| | II | Microbial metabolism |
| | | Biology of the Immune System |
| | III | Bioprocess engineering and Technology |
| | | Biotechnology |

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

| Program | Year /sem | Course | Activity |
|---------|-----------|--------|--------------------------|
| B.Sc. | III | IMB | Mushroom cultivation |
| B.Sc. | II | Botany | Water Quality Monitoring |

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

Students, Alumni, Parents, Employers: Yes

d. **Number of teachers preparing & following Academic Teaching plan:100%**

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. | IMB | IMB | Mrs. Roshni Choubey | 15 |
| B.Sc. | Botany | Botany | Dr. Mamta Gokhale | 40 |

Remedial Course

| Program | Year / Sem | Course | Subject | Teacher In-charge | No. of Students benefitted |
|---------|------------|--------|---------|---|----------------------------|
| B.Sc. | I | IMB | IMB | Mrs. Roshni Choubey, Dr. Mamta Gokhale Dr. Femina Sobin | 7 |
| B.Sc. | I | IMB | IMB | Dr. Femina Sobin | 6 |
| B.Sc. | III | IMB | IMB | Mrs. Roshni Choubey | 6 |
| B.Sc. | I | Botany | Botany | Dr. Sonali Nigam Dr. Shikha Bansal | 12 |
| B.Sc. | II | Botany | Botany | Dr. Shikha Bansal | 8 |



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| | | | | | |
|-------|-----|--------|--------|--|---|
| | | | | Dr. Mamta Gokhale | |
| B.Sc. | III | Botany | Botany | Dr. Shikha Bansal Dr. Mamta Gokhale | 3 |

f. What is the method for conducting internal evaluation?

Centralized Written examination for UG and midterm Written exam for PG.

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

| Title of Programme (Guest Lecture /Seminar/Workshop) | Expert Person | Date | Number of Participants |
|--|---|---|------------------------|
| International webinar on 'Invisible Living World: Challenges and Opportunities' on | Dr. Shikha Bansal, Dr. Femina Sobin, Dr. Mamta Gokhale, and Dr. Juhi Sharma | 29 th July 2021 | 300 |
| Guest lecture on 'Environmental Pollution'. | Dr. Sunil Kumar Khare, senior scientist R.O. M.P. Pollution Control Board, Jabalpur | 16 th January 2021 | 24 |
| Guest lecture on 'Microbial Warfare on Plants', 'Microbial Role In Production Of Condensed and Dairy Milk', 'Indian fermented food'. | Dr. Sapna Rai, Government College, Harrai, Chhindwara | 30 th January, 5 th February and 13 th February 2021 | 24 |
| Guest lecture on 'Techniques of Cultivation' and Cultivation Management of Mushrooms' | Dr. Rohit Sharma, scientist, National Centre for Microbial Resource, Pune | 16 th - 17 th February 2021 | 23 |
| National Webinar on 'Plant Tissue Culture: Techniques and Application' | Dr. Manisha Vyas, Dr Mamta Gokhale, Dr Matthew Chako and Miss Isha Deshpande. | 15 th may 2020 | 240 |

h. Teaching and learning reforms:

- Virtual demonstrations of experiments during practicals.
- Online conduct of certificate courses.
- E-Practical protocols to PG students.
- Online feedbacks on teaching learning.
- E-lecture recordings for UG students

i. Internal Assessment reforms:

Upon completion of units continuous evaluation of students was carried out by individual subject teacher in-charges in the form of class test (written and oral), online quizzes, tutorials and microteaching, Written examination were conducted via open book mode for UG and PG as final assessment.



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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.

| Name of the teachers | Participation in Curriculum Development |
|----------------------|---|
| Dr. Shikha Bansal | BOS member RDVV |
| Dr. Sonali Nigam | BOS Member RDVV |
| Mrs. Roshni Choubey | BOS member RDVV |

6. Courses conducted in collaboration with Industries and Institutions:

| Programme/Course | Industry/Institution | Activity (internship / project/field work / any other) |
|--------------------|--|--|
| M.Sc. Microbiology | CSIR-Lucknow ICAR- Indore AKS University Satna Excellent Bio research pvt. Ltd. | Dissertation |

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

| Programme | Examination System |
|-----------|--------------------|
| B.Sc. | Annual |
| M.Sc. | CBCS Semester |

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

| S. No | Name of the principal investigator | Title of the project | Funding agency, duration and date of sanction | Amount (in lakhs) | Remarks, if any |
|-------|------------------------------------|----------------------|---|-------------------|-----------------|
| - | - | - | - | - | - |

9. Research Publications

| Name of Teacher | Papers published in peer reviewed journals |
|-------------------|---|
| Dr. Shikha Bansal | 2020, Antibacterial activity of <i>Hemidesmus indicus</i> (L) roots used by tribes of Kundam block, District Jabalpur, Madhya Pradesh (India); <i>International J. Pharma & Bioscience</i> ; 11(1); 84-89 (SJIF7.446) 2020, <i>Fumaria indica</i> (L) a famous medicinal herb of tribal regions of Jabalpur, Madhya Pradesh. Broad spectrum antibacterial and phytochemical profiling against some pathogenic microorganisms, <i>Pharmacognosy Journal</i> ; 12(3); 619-623 2021. Thermostable tyrosinase purified from <i>Pleurotus djambor</i> grown in biomimetic calcium carbonate: A biological strategy to industrial |



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| | |
|-------------------|---|
| | waste remediation, <i>Env. Tech. and Innovation</i> ;21 |
| Dr. Femina Sobin | 2021. Corona Virus (COVID-19) Symptoms Prevention and Treatment: A Short Review. <i>Journal of Drug Delivery & Therapeutics</i> . 11(2-s):118-120. |
| Dr. Mamta Gokhale | 1. 2021 Development, optimization and application of corn cobs as effective matrix for immobilization of fungal strains <i>Pacilomycessinensis</i> & <i>Geotrichumpseudocandidum</i> J <i>Scientific Res</i> 65 (1):120-128 (NAAS Rating 5.79) 2. 2020 Antibacterial and Antioxidant Activity of Biomolecules Extracted from <i>Paecilomycessinensis</i> – An Endophyte of (<i>L.</i>) <i>Oroxylum indicum</i> Vent. <i>J Mycol Pl Pathol</i> , 50 (1): 57-66 – NAAS Rating- 5.79 |
| Dr. Juhi Sharma | 1. Sharma D, Sharma S, Sharma J. (2020) Potential strategies for management of drug resistant tuberculosis, <i>Journal of Global Antimicrobial Resistance</i> 2. Juhi Sharma, Divakar Sharma Vaishali vishwakarma, Anshul Dubey and Himeshn amdeo Anjana Sharma. The contribution of Microbial Biotechnology for achieving sustainable development (2020) ed. <i>Microbial Biotechnology; basic research and application</i> . Springer nature Singapore Pvt. Ltd. 3. Role of Lactobacilli as probiotic in human health benefits current status and future projects (2020) Mithilesh Jaiswal, Rohit Sharma, Vibhuti Mishra Juhi Sharma and Prakash Singh. <i>Journal of Biotechnology and Biochemistry</i> vol 6 issue 5. 4. Sharma Juhi, Bansal S., Namdeo H., Dubey A., Viswakarma V., (2020). Carbon di oxide sequestration discernment: endeavoring biomimetic calcium carbonate for production of tyrosinase and laccase with evaluation of enzyme synergy for efficient humification. <i>Frontiers Journal of Renewable Energy</i> , 1(1), 1-8. 5. Characterization of Bacterial Consortium for Bio fertilizer Potential Enhancement of Biogas Plant Waste, <i>Dogo Rangsang Research Journal</i> , UGC Care Group I Journal ISSN : 2347-7180 Vol-10 Issue-07 No. 13 July 2020. |

10. Number of publications

| Name of Faculty | Papers published in peer reviewed journals | SCOPUS, Web of Science Indexing Papers | Citations (Ac Scopus) | h-index (Ac to Scopus) | Impact factor range/Average Impact factor |
|---------------------|--|--|-----------------------|------------------------|---|
| Dr. Shikha Bansal | 3 | - | 11 | 2 | 1.0 |
| Dr. Sonali Nigam | 2 | - | - | - | - |
| Dr. Mamta Gokhale | 3 | - | 48 | 4 | 1.4 |
| Dr. Femina Sobin | 1 | - | - | - | - |
| Mrs. Roshni Choubey | 1 | - | - | - | - |
| Dr. Juhi Sharma | 5 | - | - | - | - |



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11. Chapter in Books

| Author Name | Name of Book |
|--|--|
| Radhika Khatri, Himesh Namdeo and Shikha Bansal. | "Bio-Cosmetics" in book entitled 'Health and Hygiene during COVID- 19' |
| Mamta Gokhale and Isha Deshpande. | (2021) Therapeutic Potential and Nature Savior Attributes of Chrysin. IN: Plant Secondary Metabolites for Human Health. Eds: Dr. M.M. Abid Ali Khan; MurtazaAbid and Dr. S. RaisHaider. Edn(2021) Discovery Publishing House Pvt. Ltd., New Delhi (India), Pages: 38-52, ISBN: 978-93-88854- |
| Roshni Choubey, Radha Gupta and Rashmi Thakur | (2020) Vital Nutrients for women health: A study relating science and religion, In Health and Hygiene: COVID-19 Pandemic, Shree Vinayak Publication, Agra,(ISBN: 978-93-87899-07-0),PP:86-92. |
| Dr. Juhi Sharma | (2020) Preparation of biodegradable sanitary napkins; -forging segment of women health and hygiene, In Health and Hygiene: COVID-19 Pandemic, Shree Vinayak Publication, Agra, (ISBN: 978-93-87899-07-0),PP:81-85. |

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 |
|---------------------|--|---|-------------------|
| Dr. Mamta Gokhale | 202021011849 dt 19.03.2020 Filed the early publication and expedite examination request dt. 13 .08.21 | "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 | Dr. Mamta Gokhale | Research Guidance to Mrs. Shweta Jaiswal (For her Ph.D. work) | Rs. 20,000/- |



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

| S. No | Name of the teacher | Programme |
|-------|---------------------|--|
| 1 | Dr. Shikha Bansal | International Webinar "Invisible Living World: Challenges and Opportunity" – Topic "Coaxial Living with Microorganisms" (29/7/2020) International Student Faculty Exchange Programme – Topic "Microbes and Life" |
| 2 | Dr. Sonali Nigam | International webinar on 21 st Centurey, Research innovation in Life Sciences in relation to human welfare on 21 st July 2020. Resource person under Paramarsh scheme for NAAC. |
| 3 | Dr. Femina Sobin | International Webinar "Invisible Living World: Challenges and Opportunity" – Topic "Microbes-Myth To Reality" (29/7/2020) |
| 4 | Dr. Mamta Gokhale | Nominated external mentor and expert competing authority of University - Orientation – PRERNA 2.0 and Incubation – SAAKAR 2.0, Jawahar R-ABI, IABM, JNKVV, Jabalpur (19/10-17/12/2020). Two months agripreneurship orientation - Guest Lecture on 'DIC, SAC Introduction and Innovative products of startup promoted at DIC, SAC', PRERNA 2.0 and incubation programme SAAKAR 2.0, Jawahar R-ABI, RVKYRAFTAAR Agribusiness Incubator, IABM, JNKVV, Jabalpur (09/11/2020). |
| 5 | Dr. Juhi Sharma | International Webinar "Invisible Living World: Challenges and Opportunity" |

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 | 19 | 4 |
| Workshop/FDP/Training Programme | 21 | 1 |
| Paper presentation | 1 | - |

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

| S. No. | Name of the Faculty | Members of committees |
|--------|---------------------|--|
| 1. | Dr. Shikha Bansal | Board of Studies Microbiology, RDVV, Jabalpur (M. P.) Member, Green Audit Committee, Govt. M. H. College of H.Sc. & Science, Jabalpur |
| 2. | Dr. Sonali Nigam | Board of Studies, Microbiology, RDVV, Jabalpur (M. P.) |
| 3. | Dr. Mamta Gokhale | Coordinator, Bio design innovation center, SAC In charge, Incubation Center (NIRMAN), SAC |
| 4. | Mrs. Roshni Choubey | Board of Studies, Microbiology, RDVV, Jabalpur (M. P.) |

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

| Name of Faculty | Recognition received | Professional bodies and agencies National and International |
|------------------|--|---|
| Dr. Sonali Nigam | Certificate of Excellence in reviewing | Journal of pharmaceutical research International |



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

| Name of Faculty | Awards/Recognition received | Recognition Bodies |
|-------------------|--|---|
| Dr. Mamta Gokhale | Certificate of appreciation for "Assessment of the Government of India's Gender Main Streaming Programme For Women in Science" (31/07/ 2021) | CHORD- National Science & Technology Management Information System (NSTMIS), DST, New Delhi |

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

Curricular activities: NA

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

Co-curricular:

| S. No | Name of Student | Awards/Recognition received | Recognition Bodies |
|-------|---|---|--|
| 1 | Isha Deshpande, M.Sc. Microbiology | Startup grant - amount of rupees 5 lakhs | Jawahar R-ABI RVKY RAFTAAR Agribusiness Incubator, IABM, JNKVV, Jabalpur affiliated with ICAR, new Delhi |
| 2 | Vaishali Vishwakarma and Ankita Shrivastava, M.Sc. II Semester (Microbiology) | 2 nd prize for research paper presentation in International Conference on 'The 2nd HeriCure-UKZN:A Hybrid' | Heri Cure Healthcare 15-16/ 05/2021 |
| 3 | Manashvi Sharnagat, B.Sc. II year, IMB group | 2nd and in 'Kavya Path' during National Science Competition | DIC, RDVV, Jabalpur on 28/02/2021 |
| 4 | Manashvi Sharnagat, B.Sc. II year, IMB group | 3rd prize in 'Innovative Idea' during National Science Competition | DIC, RDVV, Jabalpur on 28/02/2021 |

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

| S. No | Name of Conference/ Seminars / Workshops/FDP | Funding agency | No. of Participants | State/National/ International | Dates |
|-------|---|----------------|---------------------|-------------------------------|-------------|
| 1 | "Invisible Living World: Challenges and Opportunities" organized by Dept. of Botany & Microbiology, SAC | Nil | 300 | International webinar | 29/7/2020 |
| 2 | There is Can in Cancer | Nil | 112 | National webinar | 03/02 /2021 |
| 3 | "Plant Tissue Culture: Techniques and Applications" organized by Dept. of Botany & Microbiology, SAC in collaboration with Dept. of Botany, Shivaji College, Nagpur-Maharashtra | Nil | 150 | National webinar | 15/05/ 2021 |



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

24. Subject-wise Results

UG First year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------|--------------------|-------------------|------|------|------|----------------------|
| 1 | B.SC I year IMB | 26 | 26 | NIL | NIL | 100% |
| 2 | B.Sc I year Botany | 69 | 69 | NIL | NIL | 100% |

UG Second year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------|---------------------|-------------------|------|------|------|----------------------|
| 1 | B.Sc II year IMB | 30 | 30 | NIL | NIL | 100% |
| 2 | B.Sc II year Botany | 93 | 93 | NIL | NIL | 100% |

UG Third year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------|----------------------|-------------------|------|------|------|----------------------|
| 1 | B.Sc III Year IMB | 24 | 24 | NIL | NIL | 100% |
| 2 | B.Sc III year Botany | 89 | 89 | NIL | NIL | 100% |

PG First semester

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

PG Second semester

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

PG Third semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|--------------|-------------------|------|------|------|----------------------|
| Microbiology | 14 | 14 | Nil | Nil | 100% |



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PG Fourth semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|--------------|-------------------|------|------|------|----------------------|
| Microbiology | 14 | 14 | NIL | NIL | 100% |



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 1:26

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

| Designation | Sanctioned | Filled |
|---------------------|------------|--------|
| Assistant Professor | 06 | 06 |

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

| Name | Designation | Qualifications | Teaching/Research Experience | Nature of Post |
|---------------------|---------------------|---------------------|------------------------------|----------------|
| Dr. Shikha Bansal | Assistant Professor | M.Sc, Ph.d | 30 Years | Confirmed |
| Dr. Sonali Nigam | Assistant Professor | M.Sc, Ph.d | 16 Years | Confirmed |
| Dr. Femina Sobin | Assistant Professor | M.Sc, Ph.d, SET | 15 years | Confirmed |
| Dr. Mamta Gokhale | Assistant Professor | M.Sc, M.Phil, Ph.d, | 13 years | Confirmed |
| Mrs. Roshni Choubey | Assistant Professor | M.Sc, | 11 Years | Confirmed |
| Dr. Juhi Sharma | Assistant Professor | M.Sc, Ph.d | 3.5 Years | Probation |

4. Diversity of Faculty

| From the same university | From other universities with in the State | From other States | From outside the country |
|--------------------------|---|-------------------|--------------------------|
| 3 | 1 | 2 | - |

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

| Post | Sanctioned | Filled | Actual |
|--------------------|------------|--------|--------|
| 2 (Lab Attendants) | 2 | 2 | 2 |

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

| UG/PG | Applications Received | No. of students Admitted | Seats Available | Male | Female | Total |
|--------|-----------------------|--------------------------|-----------------|------|--------|-------|
| UG IMB | 95 | 55 | 45 | 21 | 24 | 45 |
| PG | 49 | 23 | 25 | 5 | 18 | 23 |

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 |
|-----------------------|--|--|---|------------------------------------|
| B.Sc IMB | - | 93.10% | 6.89% | - |
| M. Sc Microbiology | 91.3 % | 4.34 % | 4.34 % | - |

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

| Programme | %proceeded for higher studies | %of students placed |
|-----------|-------------------------------|---------------------|
| B.Sc IMB | 65% | - |
| B.Sc CBZ | 41.17% | - |

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

- Central Library Books and Journals, etc, relevant to Department** : 33,990/-
- Online (books, journals etc.) Subscribed:** Through e-resources (INFLIBNET, DELNET, THE AMERICAN LIBRARY AND PDFCHM.NET)
- Computers and Internet facilities for staff** : 8 desktop, 2 laptop and 24X7 Internet facility available (Wi-Fi and LAN).
- Total number of classrooms** : 03 classrooms for (UG) and 01 (PG)
- Classrooms with ICT facility:** 100 %
- Students' laboratory:** 01(UG) and 01 (PG)
- Research laboratories:** 01 (research)
- Any other facility:** Well-equipped labs with sophisticated instruments and educational software's, e-podium, collar mike, speakers,

10. Department-wise Purchase Budget and expenditure details:

| Estimate Budget (Rs.) | Non-Recurring | Consumable | Total |
|-----------------------|--------------------|-------------------|-------------------|
| 10,00,000/- | 1,000,758/-(spent) | 1,86,017/-(spent) | 1186775/- (spent) |

11. Laboratory Facilities

Items Procured- 2020-21

| S. No | Name of Item | Configuration | Quantity |
|-------|--|------------------------|----------|
| 1 | Horizontal electrophoresis with digital power supply for HZ/VT electrophoresis | Biolink: MODEL-BL 300C | 01 |
| 2 | Digital biological microscope with LCD screen and 2 MP HD camera and software with anti-fungal 4X, 10X, 40X and 100 X with CCD and Motic image plus 3.0 software | Motic BA210 | 01 |
| 3 | Orbital cooling shaker with digital temperature controller with clamps size 18"X18" | Remi CIS 24 plus | 01 |
| 4 | Vertical electrophoresis with universal power supply for HZ/VT electrophoresis | Biolink: MODEL-BL300C | 01 |



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Declaration by the Head of the Department

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



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

Signature

Date: 30.10.2021

Name: Dr. Shikha Bansal



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



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ACADEMIC AUDIT

1. **Name of the Department:** Department of Computer Science and Application

2. **Year of establishment:** 1991

3. **Curricular Aspects:**

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

| Program | Semester / year | Electives |
|---------|-----------------|--|
| MSC CS | III Semester | 1. Artificial Intelligence 2. Big Data Analytics 3. Macro-Economic Analysis 4. Management Concepts and Organizational Behavior 5. Digital Marketing 6. Cyber Security |
| | IV Semester | 1. Cloud Computing 2. TCP/IP Concepts 3. Indian Economy 4. Citizen and Civic Awareness 5. Economics of Gender and Development 6. Data Science with Python |

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

| Program | Year /sem | Course | Activity |
|---------|-----------|--|-------------------------|
| MSc. | I Sem | Skill Development Programme | Training and Assignment |
| BSC/BCA | All | One Day Webinar on "Ascend your learning curve" REDHAT | Training and Assignment |
| BSC/BCA | All | Computer Literacy program as value added course | Hands-on Practice |
| MSc | I/II | One Day Webinar on "career prospects in Computer Science" | Alumni Interaction |
| BSC/BCA | ALL | 5 Days Workshop on "Data Science and Machine Learning concepts " | Hands on Practice |

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



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d. **Number of teachers preparing & following Academic Teaching plan: 15**

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

Bridge courses

| Program | Course | Subject | Teacher In-charge | No. of Students benefited |
|------------------|----------------------|-----------------------|-----------------------|---------------------------|
| B.Com I Year | Computer Application | Computer Fundamentals | Mrs. S. K. Walia, | 156 |
| B.Sc. I year | Computer Science | Computer Fundamentals | Mr. Ankit Dubey | 90 |
| M.Sc. I Semester | Computer Science | Basics of programming | Mrs. K. Gupta | 14 |
| BCA I | BCA | Computer Fundamentals | Ms Abhilasha Sankari | 48 |
| BA I year | Computer Application | Computer Fundamentals | Amit sir /Arifa Anjum | 21 |

Remedial Course

| Program | Year / Sem | Course | Subject | Teacher In-charge | No. of Students benefitted |
|--------------|------------|----------------------|--|---------------------------|----------------------------|
| BCA | III Year | BCA | MS Office | Ms. Mala Das | 16 |
| BCA | II Year | BCA | Computer Oriented Numerical Methods | Ms. Prabhjyot kaur Haryal | 30 |
| B.Sc. | II Year | Computer Science | interface, package | Mrs. Khushbu Gupta | 24 |
| BCA | I Year | BCA | Basics of C Programming | Dr. Siby Samuel | 22 |
| B.Sc. | I Year | Computer Science | C Data Type | Ankit Kumar Dubey | 41 |
| BA | II Year | Computer Application | OOPS & OS | Prabhjyot kaur Haryal | 4 |
| BCOM | III Year | Computer Application | Cyber Security and Software Engineering | Prabhjyot kaur Haryal | 36 |
| BCA | III Year | Computer Application | Computer Graphics | Saroj Junghare | 5 |
| BCA | III Year | Computer Application | Computer Graphics | Mrs. Saroj Junghare | 7 |
| BCOM(C A) | II Year | Computer Application | Computer Networks and RDBMS(Unit-I and Unit-II) | Mrs. Shradha Soni | 20 |
| BA I YEAR CA | I YEAR | Computer Application | block diagram of computer , basic input output devices computer , basic input output devices | Amit Kumar Yadav | 7 |
| BCOM(C A) | II YEAR | Computer Application | programming basics, class, object inheritance. | Mr. Jitendra Jain | 8 |

f. **What is the method for conducting internal evaluation?** Quiz using Kahoot, e-Assignments, viva etc.



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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 |
|--|----------------------------|---------------------|-------------------------------|
| Cyber Security | Mr. Ajeet Singh | 20-dec-2021 | 38 |
| One Day Webinar on "Ascend your learning curve" | Mr. Chandra shekhar shukla | 6 Nov 2020 | 10 |
| Computer Literacy program as value added course | Ms. Arifa anjum | 21 May- 28 May 2021 | 118 |
| One Day Webinar on "career prospects in Computer Science" | Ms. Saroj Junghare | 29 May 2021 | 457 |
| 5 Days Workshop on "Data Science and Machine Learning concepts " | Ms. Khushbu Gupta | 1 June- 5 June 2021 | 350 |

- h. **Teaching and learning reforms:** Kalhoot Quiz

- i. **Internal Assessment reforms:** using Mentimeter

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

| Number of Teachers | Sanctioned | Filled |
|---------------------------|-------------------|---------------|
| 15 | 15 | 15 |

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

| Name of the teachers | Participation in Curriculum Development |
|-----------------------------|--|
| Dr. Siby Samuel | BOS, Rani Durgavati University, Jabalpur |
| Mrs. Sukhvinder Kaur | BOS (Maharishi Mahesh Vedic University) |

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 | <ul style="list-style-type: none">• Installation and configuration of software components and services.• Establishment of network connection.• Controlling Firewall.• Troubleshoot problems & Analysis of system with RedHat sites |



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

| Programme | Examination System |
|-----------|---|
| MSC CS | Semester and Choice Based Credit System |
| BCA | Annual |
| BSC CS | Annual |
| BA CA | Annual |
| BSC CA | Annual |
| BCOM CA | 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, Duration & date of sanction | Amount (in Lakh) | Remarks if any |
|-------|------------------------------------|----------------------|---|------------------|----------------|
| - | - | - | - | - | - |

9. Research Publications

| Name of Teacher | Papers published in peer reviewed journals |
|-----------------------|--|
| Prabhjyot kaur Haryal | Improving software economics of different organizations using Scrum methodology in life cycle phases of iterative project development in software project management” published in Sam Bodhi (UGC Care Journal) Vol-43, No.-03 (IV) November-December (2020) ISSN: 2249-6661 |
| Saroj Junghare | “Information security Using Cloud Computing”,9754520,Kala Sarovar, UGC Care G-1,23 No.02(II), 2021-01-21 |
| Swapnil Justin | Digital Impact on Education and Learning,9754520,Kala Sarovar, UGC Care G-1,23 No.02(II), 2021-01-21 |
| Dr. Siby Samuel | “A Heuristic Method for One Dimensional Cutting Stock Problem (1D-CSP) with Variable Sustainable Trim Loss” <i>Journal of Critical Reviews</i> . 2020; 7(13): 2573-2580. |

10. Number of publications

| Papers published in peer reviewed journals | SCOPUS, Web of Science Indexing Papers | Citations | h-index | Impact factor range/Average Impact factor |
|--|--|-----------|---------|---|
| 1 | | 8 | 2 | |



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11. Chapter in Books: 02

| Author Name | Name of Book |
|---------------------------|--|
| Mrs. S.K.Walia | "Challenges & opportunities for Higher Education in India" in COVID 19 Online Printingz.com, Tamil Nadu, ISBN: 978-93-5419-610-2 Invisible Enemy or Eye Opener Opportunities and challenges, |
| Ms. Prabhjyot kaur Haryal | "Impact & Role of Mass media during Pandemic" published in 2020 in the book titled COVID-19 Invisible Enemy or Eye Opener Opportunities and Challenges, OnlinePrintingz.com, Tamil Nadu, ISBN: 978-93-5419-610-2 |

12. Edited Books

| Author Name | Book Titled |
|-----------------|---|
| Dr. Siby Samuel | Effective Strategies for Teaching and Learning, Publisher, APH Publishing Corporation, ISBN 9789389875744 |

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 | Dr. Siby Samuel | Resource person | Rs. 10500/- |

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 | Resource person in Faculty Induction Programme organized by UGC- Human Resource Development Centre, RDVV, 16 th , 17 th December 2020 |
| | | Resource person in Faculty Induction Programme organized by UGC- Human Resource Development Centre, RDVV, 29 th , 30 th January 2021 |
| | | Resource person in Five Day Online Faculty Development Programme on 'Creating a Positive Work Culture: Strategy for Quality and |



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| | | |
|--|--|--|
| | | Excellence' on 26 th June 2021 |
| | | Resource person in Govt. Indira Gandhi Home Science Girls PG College, Shadol, MP. On 20 th March 2021 |
| | | Resource person in Webinar on Accreditation by NAAC, organized by State Level NAAC Cell, Department of Higher Education, Govt. of MP., on 21 st & 22 nd December, 2020 |
| | | Resource person in International Student-Faculty Exchange Program on 22 nd September 2020 |

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 | 02 | 15 |
| Workshop/FDP/Training Programme | 30 | - |
| 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. (give details)

| S.No. | Name of the Faculty | Members of committees |
|-------|---------------------|--|
| 01 | Dr. Siby Samuel | <ul style="list-style-type: none"> Member of International Association of Computer Science and Information Technology, Member No.: 80348140 Member of International Association of Engineers, Member No.: 138445 |

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

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

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

| Name of Faculty | Awards/Recognition received | Recognition Bodies |
|-----------------|-----------------------------|--------------------|
| Dr. Siby Samuel | Best Resource Person | Confluence 2020 |



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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 |
|------|-----------------|-----------------------------|--------------------|
| - | - | - | - |

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. | Five days online National workshop on "Data Science & Machine Learning Concept" | Self | 300 | State | 1st June to 5th June |
| 2. | Two days International conference on Advancement in Physical, Mathematical and Computational Sciences | Self | 250 | International | 23-24 July 2020-21 |
| 3. | One day webinar on "Career Prospects on Computer Science and Application" | Self | 150 | Local | 29 May 2021 |
| 4. | Ten days training program on "Web development using Word press" | Self | 56 | National | 25 May-3 June 2021 |

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

24. Subject-wise Results

UG First year

| S.NO. | GROUP /Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------|----------------|-------------------|------|------|------|----------------------|
| 1 | BCA I Year | 49 | 49 | - | - | 100% |
| 2 | B.Sc CS I Year | 96 | 96 | - | - | 100% |



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| | | | | | | |
|-----------------------|----------------|------------|------------|----------|----------|-------------|
| 3 | BCom CA I year | 257 | 257 | - | - | 100% |
| 4 | BA CA | 23 | 29 | - | - | 100% |
| 5 | BSc CA | 7 | 7 | - | - | 100% |
| TOTAL-----> | | 434 | 434 | - | - | 100% |

UG Second year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-----------------------|------------------|-------------------|------------|------|------|----------------------|
| 1 | BCA II Year | 48 | 48 | - | - | 100% |
| 2 | B.Sc CS II Year | 111 | 111 | - | - | 100% |
| 3 | B Com CA II year | 228 | 228 | - | - | 100% |
| 4 | BA CA II | 14 | 14 | - | - | 100% |
| 5 | BSc CA | 24 | 24 | - | - | 100% |
| TOTAL-----> | | 401 | 401 | | | 100% |

UG Third year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-----------------------|------------------|-------------------|------------|------|------|----------------------|
| 1 | BCA III YEAR | 60 | 60 | - | - | 100% |
| 2 | BCOM CA III YEAR | 228 | 228 | - | - | 100% |
| 3 | BSC III YEAR CS | 170 | 170 | - | - | 100% |
| 4 | BA CA | 10 | 10 | - | - | 100% |
| 5 | BSc CA | 25 | 25 | - | - | 100% |
| TOTAL-----> | | 468 | 468 | | | 100% |

PG First semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|------------------|-------------------|------|------|------|----------------------|
| Computer Science | 23 | 23 | - | - | 100 |

PG Second semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|---------|-------------------|------|------|------|----------------------|
|---------|-------------------|------|------|------|----------------------|



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| | | | | | |
|------------------|----|----|---|---|-----|
| Computer Science | 23 | 23 | - | - | 100 |
|------------------|----|----|---|---|-----|

PG Third semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|------------------|-------------------|------|------|------|----------------------|
| Computer Science | 14 | 14 | - | - | 100 |

PG Fourth semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|------------------|-------------------|------|------|------|----------------------|
| Computer Science | 14 | 14 | - | - | 100 |



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ADMINISTRATIVE AUDIT

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

| Designation | Sanctioned | Filled |
|-------------|------------|--------|
| 15 | 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 Samual | Asst. Professor | Phd | 18 Years | confirmed |
| Mrs. Sukhvinder Kaur Walia | Asst. Professor | M.Sc. , M.Phil | 17 Years | confirmed |
| Mrs. Khushbu Gupta | Assistant Professor | M.Phil. | 13 Years | confirmed |
| Ms. Prabhjyot kaur Haryal | Assistant Professor | MCA | 11 years | confirmed |
| Mr. J Rajeshwar Rao | Assistant Professor | MCA | 11 years | confirmed |
| Mr. Amit Kumar Yadav | Assistant Professor | MCA, M.Tech. | 12 years | confirmed |
| Mr. Ankit Dubey | Assistant Professor | MCA | 11 years | confirmed |
| Ms. Mala Das | Assistant Professor | M.Sc. , M.Phil | 11 years | confirmed |
| Mrs. Shradha Soni | Assistant Professor | MCA,UGC-NET | 10 years | confirmed |
| Mrs. Saroj Junghare | Assistant Professor | MSc(CS) MPhil(CS) | 9 Years | confirmed |
| Mr. Prakash Kumar Lange | Assistant Professor | MSc(CS) | 8 Years | confirmed |
| Ms. Arifa Anjum | Assistant Professor | M.Sc (CS) | 7 Years | confirmed |
| Mr. Swapnil Justin | Assistant Professor | MPhil, MSc(CS) | 6 Years | confirmed |
| Ms. Anjali Jagwani | Assistant Professor | MSc(CS) | 3 Years | confirmed |
| Mr. Jitendra Jain | Assistant Professor | MSc(CS) | 5 Years | confirmed |

4. Diversity of Faculty

| From the same university | From other universities with in the State | From other States | From outside the country |
|--------------------------|---|-------------------|--------------------------|
| 9 | 4 | 1 | 0 |



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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 |
|---------|-----------------------|--------------------------|-----------------|------|--------|-------|
| UG | | | | | | |
| BSc CS | 333 | 176 | 370 | 102 | 74 | 176 |
| BSc CA | 21 | 10 | 60 | 6 | 4 | 10 |
| BCA | 119 | 56 | 60 | 38 | 18 | 56 |
| BA CA | 62 | 24 | 90 | 10 | 14 | 24 |
| BCom CA | 450 | 254 | 250 | 139 | 115 | 254 |
| PG | 35 | 24 | 60 | 13 | 11 | 24 |

7. Diversity of Students:

| Name of the Programme | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|-----------------------|--|--|---|------------------------------------|
| M.Sc. CS | 95.8 | 4.2 | 0 | 0 |
| BSC CS | 93.3 | 6.79 | 0 | 0 |
| BSC CA | 100 | 0 | 0 | 0 |
| BA CA | 100 | 0 | 0 | 0 |
| BCOM CA | 96.1 | 3.9 | 0 | 0 |
| BCA | 90.4 | 9.6 | 0 | 0 |

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

| Programme | % proceeded for higher studies | % of students placed |
|-----------------|--------------------------------|----------------------|
| BSC CS III YEAR | 35% | 10% |
| BCA | 55% | 10% |
| M.Sc. CS | 10% | 12% |



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

1. **Central Library Books and Journals, etc., relevant to Department:** Books: 5496, Journals: 04
2. **Online (books, journals etc.) Subscribed:** through INFLIBNET, DELNET, PDFCHM
3. **Computers and Internet facilities for staff:** PC-06, Laptop-21, Wi-Fi-01
4. **Total number of classrooms** 12
5. **Class rooms with ICT facility:** 12
6. **Students' laboratory:** 04
7. **Research laboratories:** 01
8. **Any other facility:** Electronic Podium, Projector, Document Camera, Webcam, Headphones, licensed software, servers

9. Department-wise Purchase Budget and expenditure details:

| Estimate Budget (Rs.) | Non-Recurring | Consumable | Total |
|-----------------------|---------------|------------|--------|
| 3,50000 | 164000 | 9550 | 173550 |

10. Laboratory Facilities

Items Procured- 2020-21

| S. No | Name of Item | Configuration | Quantity |
|-------|--------------------|---|----------|
| 1 | keyboard | USB | 5 |
| 2 | Mouse | USB | 20 |
| 3 | HDMI-VGA Converter | HDMI | 5 |
| 4 | Laptop | i3,10th generation, 8GB,256 SSD,1TB HDD | 3 |
| 5 | Laptop | i5,10th generation, 8GB,256 SSD,1TB HDD | 1 |



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Declaration by the Head of the Department

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


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

Signature:

Date:26.10.2021

Name: Dr. Siby Samuel


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



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ACADEMIC AUDIT

1. Name of the Department: CHEMISTRY

2. Year of establishment: 1951

3. Curricular Aspects:

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

| Program | Semester / year | Electives |
|---------------|------------------|--|
| MSc Chemistry | MSc I Semester | <ul style="list-style-type: none">➤ Maths for Chemist with Computers➤ Biology for Chemist with Computers |
| | MSc II Semester | <ul style="list-style-type: none">➤ Analytical Chemistry➤ Photochemistry |
| | MSc III Semester | <ul style="list-style-type: none">➤ Medicinal Chemistry➤ Chemistry of Natural Products➤ Polymer Chemistry |
| | MSc IV Semester | <ul style="list-style-type: none">➤ Environmental Chemistry➤ Chemistry of Materials➤ Biochemistry➤ Bioorganic Chemistry |

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

| Program | Year /sem | Course | Activity |
|-----------|-----------|---|--|
| UG and PG | All Year | <ul style="list-style-type: none">➤ Application of Chemistry in Everyday Life➤ Chemistry of Food: Analysis and Estimation Course | <ul style="list-style-type: none">➤ Hands on experience by practical➤ Assessment through exam |

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

Students, Alumni, Parents, Employers: Yes

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

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

Bridge courses

| Program | Course | Subject | Teacher In-charge | No. of Students benefitted |
|------------|----------------|---------------------|----------------------|----------------------------|
| BSc I Year | Bridge classes | Physical Chemistry | Dr. Anjali Dsouza | 122 |
| | | Inorganic Chemistry | Dr. Sutapa Roy | 135 |
| | | Organic Chemistry | Dr. Smarika Lawrance | 127 |
| MSc I Sem | Bridge classes | Physical Chemistry | Dr. Anjali Dsouza | 24 |
| | | Inorganic Chemistry | Dr. Sutapa Roy | 24 |
| | | Organic Chemistry | Dr. Smarika Lawrance | 24 |



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Remedial Course

| Program | Year/ Sem | Course | Subject | Teacher In-charge | No. of Students benefitted |
|---------|--------------|----------|---------------------|----------------------|-------------------------------|
| BSC | I year | Remedial | Physical Chemistry | Dr. Anjali Dsouza | 40 |
| | | | Inorganic Chemistry | Dr. Sutapa Roy | 47 |
| | | | Organic Chemistry | Dr. Smarika Lawrance | 48 |
| BSc | II Year | Remedial | Physical Chemistry | Dr. Smarika Lawrance | 48 |
| | | | | Dr. Sutapa Roy | 16 |
| | | | Inorganic Chemistry | Dr. Shweta Likhitkar | 9 |
| | | | | Dr. Amita Chhatri | 16 |
| | | | Organic Chemistry | Dr. Manju Gupta | 12 |
| | | | | Dr. Smarika Lawrance | 10 |
| BSc | III | Remedial | Physical Chemistry | Dr. Shweta Likhitkar | 12 |
| | | | Inorganic Chemistry | Dr. Amita Chhatri | 13 |
| | | | Organic Chemistry | Dr. Manju Gupta | 40 |
| BSc | III | Remedial | Physical Chemistry | Dr. Smarika lawrance | 37 |
| | | | Inorganic Chemistry | Dr. Shweta Likhitkar | 42 |
| | | | Organic Chemistry | Dr. Amita Chhatri | 42 |

f. **What is the method for conducting internal evaluation?** Open Book Exam and various modes of CCE

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 |
|---|--|-----------------------------|------------------------|
| A Webinar (Online Seminar) on "Building Impactful Career in Chemistry" | Mr. Suraj Sahoo Ms. Pragati Sahu Ms. Kekhkashan Siddique | 12 th June, 2021 | 84 |

h. **Teaching and learning reforms:**

- 1) To cater to online teaching faculty prepared PowerPoint presentation for simple topics in chemistry
- 2) To ensure that students are attentive in class regular assessments were carried in different modes e.g. Short surprise tests during the classes.
- 3) Advanced learners were attached in the same group as weak learners for project work and practical
- 4) Conceptual learning was promoted rather than rote memorization

i. **Internal Assessment reforms:**

1. Internal Assessment was done via online mode
2. CCE submission and evaluation was done using the Google Classroom.
3. Students Seminar were conducted in Zoom/Google Meet



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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.

| Name of the teachers | Participation in Curriculum Development |
|----------------------|---|
| - | - |

6. Courses conducted in collaboration with Industries and Institutions:

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

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

| Programme | Examination System |
|-----------|----------------------------|
| B. Sc | Annual |
| M. Sc | Choice Based Credit System |

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

| S. No | Name of the Principle Investigator | Title of the Project | Funding Agency, Duration & date of sanction | Amount (in Lakh) | Remarks if any |
|-------|------------------------------------|--|---|------------------|----------------|
| 1 | Dr. Manju Gupta | Fourier Transform-Infrared Spectroscopy as non-destructive and rapid method for residual emerging contaminants in treated water. | Department of Science & Technology, New Delhi April 2019-31 March 2020 | Rs. 27,15,000/- | - |
| 2 | Dr. Smarika Lawrance | Under Star College Scheme | DBT, Ministry of Higher Education New Delhi | Rs 13.6 Lakh | For 3 years |

9. Research Publications

| Name of Teacher | Papers published in peer reviewed journals |
|--|---|
| Dr. Anjali D'Souza & Dr. Manju Gupta | Salting-out homogeneous liquid-liquid microextraction for the spectrophotometric determination of iodate in food grade salts. <i>J Food Comp & Anal</i> , Volume-87 (2020) 103396 |



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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 |
|--|--|-----------|---------|---|
| Dr. Anjali D'souza | - | 39 | 4 | - |
| Dr. Smarika Lawrance | - | 3 | 2 | - |
| Dr. Sutapa Roy | - | 9 | 4 | - |
| Dr. Shweta Likhitkar | - | 27 | 3 | - |
| Dr. Amita Chhatri | - | 31 | 2 | - |
| Dr. Manju Gupta | - | 43 | 5 | - |

11. Chapter in Books

| Author Name | Name of Book |
|----------------------|---|
| Dr. Anjali Dsouza | 1. "Quantitative and Qualitative Indicators: Fostering Quality Teaching and Learning in Higher education" Book "Effective Strategies for teaching and learning" 291-299 A.P.H. Publishing Corporation, ISBN No 9789389875-74-7, 2021 2. "A fruit Remedy : For Urinary Tract Infection" Book "Health and Hygiene During Covid-19 Pandemic" Pg 13-18 Shree Vinayak Publications ISBN No 978-93-87899-07-0 2021 |
| Dr. Smarika Lawrance | "Bio-pesticides as a potential alternative for pesticides: A review" Book "Health and Hygiene During Covid-19 Pandemic" Pg 170-183 Shree Vinayak Publications ISBN No 978-93-87899-07-0 2021 |
| Dr. Sutapa Roy | 1. "Pollution of drinking water and its effects on health: A Review" Book "Health and Hygiene During Covid-19 Pandemic" Pg 184-207 Shree Vinayak Publications ISBN No 978-93-87899-07-0 2021 2. "Voyage of Chemistry: From a destroyer to a Redeemer of Environment" Book "Environmental issues: A multidisciplinary Approach" , ABS Books, ISBN no 978-81-951369-6-4(Delhi, China, Kirgizstan) |
| Dr. Shweta likhitkar | "Determination of Carbohydrate and Sugar contained analysis of vegetables and fruits" Book "Health and Hygiene During Covid-19 Pandemic" Pg 45-49 Shree Vinayak Publications ISBN No 978-93-87899-07-0 2021 |
| Dr. Amita Chattri | "Obesity in Children: An alarming health issue" Book "Health and Hygiene During Covid-19 Pandemic" Pg 50-64 Shree Vinayak Publications ISBN No 978-93-87899-07-0 2021 |
| Dr. Manju Gupta | "Iodine, a critically important nutrient in daily diet" Book "Health and Hygiene During Covid-19 Pandemic" Pg 213-228 Shree Vinayak Publications ISBN No 978-93-87899-07-0 2021 |

12. Edited Books

| Author Name | Book Titled |
|--------------------|---|
| Dr. Anjali D'souza | "Health and Hygiene During Covid-19 Pandemic" Shree Vinayak Publications ISBN No 978-93-87899-07-0 2021 |

13. Self-Authored Book



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| 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 |
|-------|---------------------|--|-----------------|
| 01 | Dr. Manju Gupta | Sample Analysis through UV-Vis and FT-IR spectrophotometer | Rs. 6,200 |

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. Anjali Dsouza | Five days International FDP "Developing the next Gen teachers" 11-15 Aug 2020. Day 1, session 2 "Strategies for dealing with challenging behavior of students in the classroom" organized by Dhruv Academy Invited Lecture on "Corporate Etiquette" 14 June 2021 Organized by Management Department St. Aloysius College Jabalpur |
| 2. | Dr. Shweta Likhitkar | An invited talk on " Spectrophotometric validation of Beers Lambert Law " and "Study of Jobs method of continuous variation by UV spectrophotometer "organized by Government Arts and Commerce College, Kannod, Dewas on 2 nd - 3 rd Feb, 2021 as a part of Lecture Series for Academic Excellence under the agencies of MPHEQIP/World Bank Project. |
| 3. | Dr. Sutapa Roy | An invited talk on the topic "Motivational context of successful entrepreneurs" organized by Government College, Chhapara, Seoni, on 19 th February, 2021 |
| 4. | Dr. Manju Gupta | 1. An invited talk on the topic "Importance of Moral Values" organized by Government College, Chhapara, Seoni, on 10 th December, 2020 2. An invited talk on the topic "Innovation in Science through Technology" organized by Government College, Chhapara, Seoni, on 2 nd March, 2021 |

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

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



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| | | |
|---------------------------------|---|---|
| Seminar/Conference | - | 1 |
| Workshop/FDP/Training Programme | 6 | - |
| Paper presentation | 4 | 5 |

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

| S. No. | Name of the Faculty | Members of committees |
|--------|---------------------|---|
| 1 | Dr. Anjali D'souza | Chairman of Board of Studies, Rani Durgavati University, 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. Manju Gupta | Reviewer | Journal of Analytical Methods, Hindawi Publications |
| | Reviewer | Journal of Food Composition and Analysis, Elsevier Publication |

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

| Name of Faculty | Awards/Recognition received | Recognition Bodies |
|----------------------|--|--|
| Dr. Shweta Likhitkar | 2 nd prize winner in paper presentation | *International Conference on Current Trend in Chemical and Pharmaceutical Science" (CTCPS-2021) organized by Department of Chemistry, Harisingh Gaur Vishwavidyalaya, Sagar on 20 th to 22 nd January 2020 |
| Dr. Smarika Lawrance | 3 rd prize winner in paper presentation | |

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

Curricular activities:

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

Co-curricular:

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



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

| S. No | Name of Conference/ Seminars / Workshops/FDP | Funding agency | No. of Participants | State/National/ International | Dates |
|-------|--|----------------|---------------------|-------------------------------|--|
| 1. | Life Sciences Challenges and opportunities : COVID-19 Pandemic | Self-Financed | 432 | International | 1 st -2 nd June 2020 |

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

24. Subject-wise Results

UG First year

| S.NO. | GROUP /Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|----------------|-------------------|------|------|------|----------------------|
| 1 | BTZ | 57 | 57 | Nil | Nil | 100 |
| 2 | CBZ | 44 | 44 | Nil | Nil | 100 |
| 3 | IMB | 28 | 28 | Nil | Nil | 100 |
| 4 | PCM | 42 | 42 | Nil | Nil | 100 |
| TOTAL-----> | | 171 | 171 | | | |

UG Second year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|---------------|-------------------|------|------|------|----------------------|
| 1 | BTZ | 56 | 56 | Nil | Nil | 100 |
| 2 | CBZ | 63 | 63 | Nil | Nil | 100 |
| 3 | IMB | 30 | 30 | Nil | Nil | 100 |
| 4 | PCM | 42 | 42 | Nil | Nil | 100 |
| TOTAL-----> | | 191 | 191 | | | |

UG Third year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|---------------|-------------------|------|------|------|----------------------|
| 1 | BTZ | 59 | 59 | Nil | Nil | 100 |
| 2 | CBZ | 46 | 46 | Nil | Nil | 100 |
| 3 | IMB | 25 | 25 | Nil | Nil | 100 |
| 4 | PCM | 51 | 51 | Nil | Nil | 100 |
| 5 | BTB | 20 | 20 | Nil | Nil | 100 |
| TOTAL-----> | | 201 | 201 | | | |



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PG First semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-----------|-------------------|------|------|------|----------------------|
| Chemistry | 24 | 24 | Nil | Nil | 100 |

PG Second semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-----------|-------------------|------|------|------|----------------------|
| Chemistry | 24 | 24 | Nil | Nil | 100 |

PG Third semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-----------|-------------------|------|------|------|----------------------|
| Chemistry | 24 | 24 | Nil | Nil | 100 |

PG Fourth semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-----------|-------------------|------|------|------|----------------------|
| Chemistry | 24 | 24 | Nil | Nil | 100 |



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ST. ALOYSIUS' COLLEGE

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Year 2020-21

ADMINISTRATIVE AUDIT

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

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

| Designation | Sanctioned | Filled |
|---------------------|------------|--------|
| Assistant Professor | 6 | 6 |

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 | Assoc. Professor | Ph.D. | 32 years/ 17 years | Confirmed |
| Dr. Smarika Lawrance | Assistant Professor | Ph.D., B.Ed. | 16 years/ 14 years | Confirmed |
| Dr. Sutapa Roy | Assistant Professor | Ph.D., B.Ed. | 18 years/ 18 years | Confirmed |
| Dr. Shweta Likhitkar | Assistant Professor | Ph.D., B.Ed. | 12 years/ 13 years | Confirmed |
| Dr. Amita Chhatri | Assistant Professor | Ph.D. | 9 years/ 14 years | Confirmed |
| Dr. Manju Gupta | Assistant Professor | Ph.D., B.Ed. | 18 years/ 20 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 2020-21

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

| UG/PG | Applications Received | No. of students Admitted | Seats Available | Male | Female | Total |
|----------------|-----------------------|--------------------------|-----------------|------|--------|-------|
| UG | 373 | 205 | 260 | 72 | 133 | 205 |
| PG (Chemistry) | 51 | 29 | 30 | 18 | 11 | 29 |

7. Diversity of Students:

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

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

| Programme | % proceeded for higher studies | % of students placed |
|-----------|--------------------------------|----------------------|
| PG | - | 8.3% |
| UG | 4.17% | - |

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

- Central Library Books and Journals, etc, relevant to Department: 255 books, 09 journals subscribed
- Online (books, journals etc.) Subscribed: Through E- resources –INFLIBNET, DELNET, PDFCHEM. NET, The American Library and NDL
- Computers and Internet facilities for staff: Computers- 02 / Laptops: 02 / Wi-Fi facility
- Total number of class rooms- 04
- Class rooms with ICT facility-05
- Students' laboratory- 03
- Research laboratories- 01
- Any other facility

10. Department-wise Purchase Budget and expenditure details:

| Estimate Budget (Rs.) | Non-Recurring | Consumable | Total |
|-----------------------|---------------------|-----------------------|----------------|
| Rs. 12 lakhs | Approx. Rs 10 Lakhs | Approx. Rs. 1.5 Lakhs | Rs. 11.5 Lakhs |

11. Laboratory Facilities

Items Procured- 2020-21

| S. No | Name of Item | Configuration | Quantity |
|-------|-------------------|----------------|----------|
| 1. | Spectrophotometer | EI-2373 | 2 |
| 2. | BOD | REMI CI-6 Plus | 1 |
| 3. | COD | VELP | 1 |
| 4. | Tensile Tester | Mechatronix | 1 |
| 5. | Laminar Air Flow | KHERA | 1 |



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Year 2020-21

Declaration by the Head of the Department

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

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

Signature

Date: 23.10.2021

Name: Dr. Smarika lawrance

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



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Year 2020-21

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 | 1. Environment and Elementary Ecology 2. Basics of Management 3. Medical Biotechnology 4. Applied Oncology |

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

| Program | Year /sem | Course | Activity |
|--------------------|-----------|----------------------|---|
| Certificate course | 2019-20 | Plant Tissue Culture | Hands on training on various techniques of plant tissue culture like micro Propagation, embryo culture etc. |

c. While framing curriculum, is feed-back taken from stakeholders viz. Students, Alumni, Parents, Employers: Yes

d. Number of teachers preparing & following Academic Teaching plan: 04

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

Bridge courses

| Program | Course | Subject | Teacher In-charge | No. of Students benefitted |
|---------------|--------|---------------|-----------------------|----------------------------|
| B.Sc 1st year | - | Biotechnology | Mr. Enosh phillips | 46 |
| B.Sc 1st year | - | Biotechnology | Mrs. Yasmin Banu | 38 |
| B.Sc 1st year | - | Biotechnology | Dr. Laxmi Kant Pandey | 44 |
| B.Sc 1st year | - | Biotechnology | MR. Nitin Swamy | 41 |

Remedial Course

| Program | Year / Sem | Course | Subject | Teacher In-charge | No. of Students benefitted |
|---------|------------|--------|---------------|-------------------|----------------------------|
| B.Sc | 3rd year | - | Biotechnology | Mr Nitin Swamy | 101 |



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| | | | | | |
|------|----------|---|---------------|-----------------------|----|
| B.Sc | 3rd year | - | Biotechnology | Dr. laxmi kant Pandey | 30 |
| B.Sc | 1st year | - | Biotechnology | Dr. laxmi kant Pandey | 24 |
| B.Sc | 1st year | - | Biotechnology | Mr Enosh Phillips | 33 |
| B.Sc | 3rd year | - | Biotechnology | Mr Enosh Phillips | 07 |

f. What is the method for conducting internal evaluation?

Quarterly and Half yearly examination, power point presentation, microteaching.

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 |
|--|--|-------------|------------------------|
| Scope of biotechnology in abroad | Dr. Preeti Shah Post doctorate fellow, Maryland USA. | 17 feb 2020 | 43 |

h. Teaching and learning reforms: -

i. Internal Assessment reforms: -

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

| Number of Teachers | Sanctioned | Filled |
|--------------------|------------|--------|
| 04 | 05 | 04 |

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

| Name of the teachers | Participation in Curriculum Development |
|----------------------|---|
| - | - |

6. Courses conducted in collaboration with Industries and Institutions:

| Programme/Course | Industry/Institution | Activity (internship / project/field work / any other) |
|------------------|---|--|
| M.Sc | National Institute for Research on Tribal Health Address: Near Medical College, Nagpur Road, Jabalpur (M.P.) | Project |

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

| Programme | Examination System |
|-----------|--------------------|
| B.Sc | Annual |
| M.Sc | Semester and 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 | Papers published in peer reviewed journals |
|----------------------|--|
| Dr Laxmi Kant Pandey | Corona Virus (COVID-19) Symptoms Prevention and Treatment: A Short Review. Journal of Drug Delivery & Therapeutics. 2021; 11(2-s):118-120 . DOI: http://dx.doi.org/10.22270/jddt.v11i2-s.4644 |

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 |
|--|--|-----------|---------|---|
| - | - | 351 | 11 | 3.66 |

11. Chapter in Books

| Author Name | Name of Book |
|-----------------------|--|
| Dr. Laxmi kant Pandey | A book chapter titled "Authentication of iIts2 Region as A DNA Barcode Candidate for Medicinally Important Plant Aparajita (Clitoria Ternatea) in the book Recent Research in Agriculture for doubling of farmer's Income. ISBN: 978-81-946373-2-5. Published by Empylar Publishing House. |
| Yasmin banu | A book chapter titled "Screening of Secondary Metabolites from Plant Growth Promoting Rhizobacteria Under Salinity Stress" in the book Recent Research in Agriculture for doubling of farmer's Income. ISBN: 978-81-946373-2-5. Published by Empylar Publishing House. |
| Nitin swamy | A book chapter entitled "Fungal Endophytes: Entry, Establishment, diversity, future prospects in agriculture in the book "Fungi Bio-prospects in sustainable Agriculture, Environment and Nano technology" Publisher: Elseveir. ISBN: 978-0-12-821394-0 |
| Enosh Phillips | A chapter entitled ""Biohydrogen Production from Cellulosic Waste Biomass in the book" in the book "Bioenergy research: evaluating strategies for commercialization and sustainability" Publisher: John Wiley and Sons. ISBN: 9781119772095 |
| | "A book chapter on Biobutanol Production and Advancement" in the book "Bioenergy research: evaluating strategies for commercialization and sustainability" Publisher: John Wiley and Sons. ISBN: 9781119772095 |

12. Edited Books

| Author Name | Book Titled |
|-------------|-------------|
| | |



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13. Self-Authored Book

| Author Name | Book Titled |
|----------------------|---|
| Dr Laxmi kant Pandey | DNA barcoding: A molecular tool. publisher: Lambert. ISBN: 9786203301712-2. |

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

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

15. Consultancy services provided:

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

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

| S. No | Name of the teacher | Programme |
|-------|---------------------|-----------|
| | | |

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

| Activity (please mention the number only) | National | International |
|---|----------|---------------|
| Refresher | - | - |
| Orientation | - | - |
| Seminar/Conference | 08 | 02 |
| Workshop/FDP/Training Programme | 03 | - |
| Paper presentation | - | - |

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

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

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

| Name of Faculty | Recognition received | Professional bodies and agencies National and International |
|-----------------|----------------------|---|
| Enosh Phillips | Reviewer | International journal: Biomass conversion and biorefinery |



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

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

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

Curricular activities:

| S. No | Name of Student | Awards/Recognition received | Recognition Bodies |
|-------|---------------------|-----------------------------|---------------------------|
| 01 | Rohan Mohapatra | CDS | Central Government (Army) |
| 02 | Vaishnavi Sharma | AFCAT | Central Government (Navy) |
| 03 | Palak Khare | IIT JAM | Central Government (HRD) |
| 04 | Apoorva Shrivastava | IIT JAM | Central Government (HRD) |
| 05 | Ayushi Binkar | IIT JAM | Central Government (HRD) |
| 06 | Monika Verma | GATE | Central Government (HRD) |
| 07 | Pragya | GATE | Central Government (HRD) |
| 08 | Suptiya Jain | GATE | Central Government (HRD) |

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:

24. Subject-wise Results

UG First year

| S.NO. | GROUP /Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|----------------|-------------------|------|------|------|----------------------|
| 1 | BTZ | 63 | 63 | | | 100 |
| TOTAL-----> | | 63 | 63 | | | 100 |

UG Second year



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| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|---------------|-------------------|------|------|------|----------------------|
| 1 | BTZ | 54 | 54 | | | 100 |
| TOTAL-----> | | 54 | 54 | | | 100 |

UG Third year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|---------------|-------------------|------|------|------|----------------------|
| 1 | BTZ | 77 | 77 | | | 100 |
| TOTAL-----> | | 77 | 77 | | | 100 |

PG First semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|---------------|-------------------|------|------|------|----------------------|
| Biotechnology | 24 | 24 | | | 100 |

PG Second semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|---------------|-------------------|------|------|------|----------------------|
| Biotechnology | 24 | 24 | | | 100 |

PG Third semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|---------------|-------------------|------|------|------|----------------------|
| Biotechnology | 05 | 05 | | | 100 |

PG Fourth semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|---------------|-------------------|------|------|------|----------------------|
| Biotechnology | 05 | 05 | | | 100 |



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ADMINISTRATIVE AUDIT

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

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

| Designation | Sanctioned | Filled |
|---------------------|------------|--------|
| Assistant Professor | 05 | 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. Laxmi Kant Pandey | Assistant Professor | PhD | 13 | Assistant Professor |
| Mrs Yasmin Banu | Assistant Professor | M.Phil | 08 | Assistant Professor |
| Mr. Enosh Phillips | Assistant Professor | M.Sc | 07 | Assistant Professor |
| Mr. Nitin Swamy | Assistant Professor | M.Sc | 07 | Assistant Professor |

4. Diversity of Faculty

| From the same university | From other universities with in the State | From other States | From outside the country |
|--------------------------|---|-------------------|--------------------------|
| 01 | - | 03 | - |

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 | 126 | 71 | 120 | 17 | 54 | 71 |
| PG | - | - | - | - | - | - |



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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 | - | - | - | - |
| M.Sc | 59 | 25 | 16 | 00 |

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

| Programme | % proceeded for higher studies | % of students placed |
|-----------|--------------------------------|----------------------|
| B.Sc | 60 | 10 |
| M.Sc | 00 | 20 |

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

- Central Library Books and Journals, etc, relevant to Department:** 1090 Books and 05 Journals
- Online (books, journals etc.)Subscribed**
- Computers and Internet facilities for staff:** 01 laptop and 03 desktop all with internet facility
- Total number of class rooms :** 04
- Class rooms with ICT facility :** 03
- Students' laboratory:** 02
- Research laboratories:** 01
- Any other facility**

10. Department-wise Purchase Budget and expenditure details:

| Estimate Budget (Rs.) | Non-Recurring | Consumable | Total |
|-----------------------|---------------|------------|---------|
| 12000/- | 4250/- | 7650/- | 11900/- |

11. Laboratory Facilities

Items Procured- 2020-21

| S. No | Particulars | Qty. | Rate (in RS.) | Specification | Model | Make |
|-------|--------------------------------------|------|--|---|------------------|--------|
| 1. | Gel documentation + analysis system | 01 | 2,88,000/- + 51,840/- (GST @ 18%) = 3,39,840/- | 18 MP camera, manual zoom range, gel analyse software | College model | Genei |
| 2. | Microscope with LCD Screen | 01 | 1,20,500/- + 21,690/- (GST @ 18%) = 1,42,190/- | 16.9:11.6 inch active matrix TFT LCD, HDMI camera | HL:10 | coslab |
| 3. | Single Beam UV-VIS Spectrophotometer | 01 | 1,72,300/- + 31,014/- (GST @ 18%)= | Range: 200-1000nm, 4 position cell changer | 2371 | EI |



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| | | | 2,03,314/- | | | |
|----|--|-----------|---|---|---------------|-----------|
| 4. | Micropipette Autoclavable 0.5-10ul capacity | 01x0 2 | 8,300/-x2= 16,600+2988(GST @ 18%)= 19,588/- | autoclavable | LA955 | Himedia |
| 5. | Micropipette Autoclavable 2-20ul capacity | 01x0 2 | 8,300/-x2= 16,600+2988(GST @ 18%)= 19,588/- | autoclavable | LA956 | Himedia |
| 6. | Micropipette Autoclavable 10-100ul capacity | 01x4 | 8,300/-x4= 33,200+5,976(GST @ 18%)= 39,176/- | autoclavable | LA957 | Himedia |
| 7. | Micropipette Autoclavable 100- 1000ul capacity | 01x4 | 8,300/-x4= 33,200+5,976(GST @ 18%)= 39,176/- | autoclavable | LA960 | Himedia |
| 8. | Bio-safety Cabinet Class II, A-2 | 01 | 1,42,220/-+ 17,066/- (GST @ 12%)= 1,59,286 | Fluorescent and UV light, HEPA filter, Airflow: 70% recirculated, 30% Exhaust | RH-59- 09 | Rescholar |
| 9. | Digital pH meter | 01x2 | 32,250/-X2=64,500/- + 11,610(GST @ 18%)+ 76,110/- | pH range: 0 to 14, 3 point calibration | Cyber scan | EUTECH |

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


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

Date: 24.11.2021



ST. ALOYSIUS COLLEGE, 1, AHILYA BAI MARG, PENTINAKA CHOWK, SADAR, CANTT,
JABALPUR, MADHAYA PRADESH, INDIA 482001

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ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR (M.P.)

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

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT

ACADEMIC & ADMINISTRATIVE AUDIT

Year 2020-21

ACADEMIC AUDIT

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

2. **Year of establishment:** 1956

3. **Curricular Aspects:**

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

| Program | Semester / year | Electives |
|---------|-----------------|---|
| M.Sc. | III | 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 | Special Paper (A) Condensed Matter Physics – II Special Paper (B): A Course in Computational Physics Using Mathematica– II Special Paper (B) Electronics – I Elective Paper (A): Concise Study of Non-Linear Systems Elective Paper (B): Physics of Lasers and its Applications Elective Paper (C) Physics of Nanomaterial |

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 | Students learn coding in Mathematica to solve various problems. |

While framing curriculum, is feed-back taken from stakeholders viz. Students, Alumni, Parents, Employers: YES

Department collects feedback from Alumni, teachers, students and their parents on various aspects of the program and the curriculum. In department meeting faculty member discuss together for reviewing the feedback. Departmental faculty members analyses the feedback on the basis of subject relevance, utility and skill enhancement. Based on the discussion, suggestions were consolidated. The consolidated feedback is discussed in Board of Study meeting and after approval from Board of Study; measures are taken accordingly to improve the teaching- learning process.



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2020-21

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

Bridge courses

| Program | Course | Subject | Teacher In-charge | No. of Students benefitted |
|---------------|------------|---------|----------------------|----------------------------|
| B.Sc I Year | Lab Course | Physics | Dr. Deepti Deshpande | 130 |
| B.Sc II Year | Lab Course | Physics | Dr. Nisha Pandey | 174 |
| B.Sc III Year | Lab Course | Physics | Dr. Pramod Chaitanya | 200 |

Remedial Course

| Program | Year / Sem | Course | Subject | Teacher In-charge | No. of Students benefitted |
|---------|------------|----------|---------|----------------------|----------------------------|
| B.Sc | I Year | Paper I | Physics | Dr. Kallol Das | 30 |
| | | Paper II | | Dr. Deepti Deshpande | |
| B.Sc | II Year | Paper I | Physics | Dr. Nisha Pandey | 20 |
| | | Paper II | | | |
| B.Sc | III Year | Paper I | Physics | Dr. Pramod Chaitanya | 20 |
| | | Paper II | | | |

- e. What is the method for conducting internal evaluation?
Class Test, Internal Examination, Class Seminars, CCE, Quiz
- f. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.: Special Lectures: NIL

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

- g. Teaching and learning reforms: As per the demand of situation classes were conducted on online platform using various ICT tools.
- h. Internal Assessment reforms: All the internal assessment were conducted online

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

| Number of Teachers | Sanctioned | Filled |
|--------------------|------------|--------|
| 5 | 5 | 5 |



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

| Name of the teachers | Participation in Curriculum Development |
|----------------------|---|
| Dr. Kallol Das | 1. BOS member in Dept. of Physics, RDVV, Jabalpur 2. BOS member in Dept. of Physics, Govt. Sc. College, Jabalpur |

6. Courses conducted in collaboration with Industries and Institutions:

| Programme/Course | Industry/Institution | Activity (internship / project/field work / any other) |
|------------------|------------------------------------|--|
| - | Indian Institute of Remote Sensing | Value added courses |

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

| Programme | Examination System |
|-----------|--------------------------------------|
| B.Sc. | Annual |
| M.Sc. | Semester, Choice Based Credit System |

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

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

9. Research Publications

| Name of Teacher | Papers published in peer reviewed journals |
|-----------------|---|
| Dr. Kallol Das | 1. Characterization of Nano composites of Poly(Methyl Methacrylate) reinforced with fullerene C60 Nanoparticles 2. A study of the optical band gap energy and Urbach energy of fullerene (C60) doped PMMA nanocomposites |

10. Number of publications:02

| Papers published in peer reviewed journals | SCOPUS, Web of Science Indexing Papers | Citations | h-index | Impact factor range/Average Impact factor |
|---|--|-----------|---------|---|
| Characterization of Nanocomposites of Poly(Methyl Methacrylate) reinforced with fullerene C60 Nanoparticles", Aradhana Dhanraj, | - | | 11 | - |



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| | | | | |
|---|--------|---|----|------|
| Kallol Das, Jagmohan Keller, International journal of Research and Analytical Reviews, Volume 7, Issue 3, July 2020 | | | | |
| A study of the optical band gap energy and Urbach energy of fullerene (C60) doped PMMA nanocomposites, cite as: AIP Conference Proceedings 2270, 110040 (2020); https://doi.org/10.1063/5.0019420 Published Online: 02 November 2020 | Scopus | 1 | 11 | 0.43 |

11. Chapter in Books: NIL

| Author Name | Name of Book |
|-------------|--------------|
| - | - |

12. Edited Books :NIL

| Author Name | Book Titled |
|-------------|-------------|
| - | - |

13. Self-Authored Book: NIL

| Author Name | Book Titled |
|-------------|-------------|
| - | - |

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

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

15. Consultancy services provided:

| S. No | Name of the teacher | Nature of consultancy | Funds generated |
|-------|----------------------|----------------------------|-----------------|
| 1 | Dr. Deepti Deshpande | Characterization of sample | 3500/- |

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

| S. No | Name of the teacher | Programme |
|-------|---------------------|--|
| 1 | Dr. Kallol Das | Mathematical Modelling, 22 nd September, Confluence 2020, 'An International Student Faculty Exchange Programme', St. Aloysius College(Autonomous), Jabalpur |
| 2 | Dr. Nisha Pandey | National Conference on Physics and Chemistry of Materials (NCPCM2020) during 14th- 16th December, 2020, organized by Govt. Holkar Science College, Indore |



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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 | 2 | - |
| Workshop/FDP/Training Programme | 5 | - |
| 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. (give details)

| S. No. | Name of the Faculty | Members of committees |
|--------|----------------------|--|
| 1 | Dr. Deepti Deshpande | Registered Academic Counselor in IGNOU |

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

| Name of Faculty | Recognition received | Professional bodies and agencies National and International |
|----------------------|----------------------|---|
| Dr. Deepti Deshpande | Reviewer | Journal of pharmaceutical research international |

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

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

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

Curricular activities:

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

Co-curricular:

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



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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: 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: 1

24. Subject-wise Results

UG First year

| S.NO. | GROUP /Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|----------------|-------------------|------|------|------|----------------------|
| 1 | CS-Phy | 84 | 84 | - | - | 100% |
| 2 | CA | 07 | 07 | - | - | 100% |
| 3 | PCM | 39 | 39 | - | - | 100% |
| TOTAL-----> | | 130 | 130 | | | |

UG Second year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|---------------|-------------------|------|------|------|----------------------|
| 1 | Cs-Phy | 110 | 110 | - | - | 100% |
| 2 | CA | 24 | 24 | - | - | 100% |
| 3 | PCM | 42 | 42 | - | - | 100% |
| TOTAL-----> | | 176 | 176 | | | |

UG Third year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|---------------|-------------------|------|------|------|----------------------|
| 1 | Cs-Phy | 132 | 132 | - | - | 100% |
| 2 | CA | 25 | 25 | - | - | 100% |
| 3 | PCM | 52 | 52 | - | - | 100% |
| TOTAL-----> | | 209 | 209 | | | |

PG First semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|---------|-------------------|------|------|------|----------------------|
| | | | | | |



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Year 2020-21

| | | | | | |
|---------|----|----|---|---|------|
| Physics | 16 | 16 | - | - | 100% |
|---------|----|----|---|---|------|

PG Second semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|---------|-------------------|------|------|------|----------------------|
| Physics | 16 | 16 | - | - | 100% |

PG Third semester

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

PG Fourth semester

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



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Year 2020-21

ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio:

| No. of Teacher | No. of Students | Student Teacher Ratio |
|----------------|-----------------|-----------------------|
| 5 | 504 | 25:1 |

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

| Designation | Sanctioned | Filled |
|----------------|------------|--------|
| 5(Assis. Prof) | 5 | 5 |

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

| Name | Designation | Qualifications | Teaching/Research Experience | Nature of Post |
|----------------------|---------------------------------|----------------------------------|------------------------------|----------------|
| Dr. Kallol Das | Asst. Professor, Vice-Principal | M. Sc., M. Phil, Ph. D, D.H.M.S. | 34 Yrs. | Permanent |
| Dr. Pramod Chaitanya | Asst. Professor | M.Sc, NET, JEST, Ph.D | 16 Yrs. | Permanent |
| Dr. Nisha Pandey | Asst. Professor | M.Sc, Ph.D | 14 Yrs. | Permanent |
| Dr. Poonam Pendke | Asst. Professor | M.Sc, Ph.D | 11 Yrs. | Permanent |
| Dr. Deepti Deshpande | Asst. Professor | M.Sc, B.Ed., Ph.D | 13 Yrs. | Permanent |

4. Diversity of Faculty

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

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

| Post | Sanctioned | Filled | Actual |
|---|------------|--------|--------|
| 3 [Lab Technician (1), Asst. Lab Technician(2)] | 3 | 3 | 3 |

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

| UG/PG | Applications Received | No. of students Admitted | Seats Available | Male | Female | Total |
|-------|-----------------------|--------------------------|-----------------|------|--------|-------|
| UG | 298 | 153 | - | 90 | 63 | 153 |
| PG | 18 | 18 | 25 | 7 | 9 | 16 |



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7. Diversity of Students:

| Name of the Programme | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|-----------------------|--|--|---|------------------------------------|
| UG | - | 95% | 5% | - |
| PG | 75% | 18.75% | 6.25% | - |

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

| Programme | % proceeded for higher studies | % of students placed |
|-----------|--------------------------------|-------------------------|
| PG | 50% | 16.67% (Contract Basis) |

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

- Central Library Books and Journals, etc., relevant to Department : 5814 (39 books were added in 20-21)
- Online (books, journals etc.) Subscribed : Through various e resources like infibnet, etc.
- Computers and Internet facilities for staff available for everyone : 5 PC + 5 laptop with Wi-Fi facility
- Total number of class rooms 4
- Class rooms with ICT facility 4
- Students' laboratory 03
- Research laboratories 01
- Any other facility Department has well established infrastructure for research (XRD, AFM, FTIR etc.)

10. Department-wise Purchase Budget and expenditure details:

| Estimate Budget (Rs.) | Non-Recurring | Consumable | Total |
|-----------------------|---------------|------------|-------------|
| 12,00000/- | 10,59,318/- | 1,16,866/- | 11,76,184/- |

11. Laboratory Facilities

Items Procured- 2020-21

| S. No | Name of Item | Configuration | Quantity |
|-------|-------------------------------------|---------------------|----------|
| 1 | Expeyes Kit | Phoenix (IUAC) | 5 |
| 2 | Holography and Interferometry kit | Indosaw | 1 |
| 3 | Radioactive Sources(Beta & Gamma) | Nucleonix. | 1 |
| 4 | Heat Engine Model (Four Stroke) | FSW | 1 |
| 5 | Faraday Effect Setup With Laser | Indosaw SK-058 | 1 |
| 6 | Zeeman Effect Set up | Indosaw SK-075 | 1 |
| 7 | B-H Curve Set up | Indosaw SK-1010 | 1 |
| 8 | Experimental Physics Kit (25 items) | Ajay Sensors 173637 | 1 |



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Year 2020-21

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:26/11/2021

Name: Dr. Pramod Chaitanya

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

1. Name of the Department: Mathematics

2. Year of establishment: 1951

3. Curricular Aspects:

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

| Program | Semester /Year | Electives |
|---------------------|----------------|--|
| M.Sc. (Mathematics) | I Sem. | Paper V A. Functional Analysis I B. Integral Transform |
| M.Sc. (Mathematics) | II Sem. | Paper V A. Number Theory B. Topology- II |
| M.Sc. (Mathematics) | III Sem. | Paper IV A. Programming in C B. Functional Analysis II |
| | | Paper V A. Advanced Discrete Mathematics B. Mathematical Statistics |
| M.Sc. (Mathematics) | IV Sem. | Paper III A. Divergent Series B. Programming in C++ |
| | | Paper IV A. Integration Theory B. Fuzzy Sets & their Applications |
| | | Paper V A. Mathematical Modeling B. Wavelets |

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

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



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

Students, Alumni, Parents, Employers: Yes

Feedback was taken from all stakeholders regarding the syllabi. After a comprehensive study the feedback was put before the BOS and the reviews were highly appreciative. However they agreed that in some courses the syllabi was too vast and could be lessened. In the same context they suggested an additional option in open elective (Internship Project) of M.Sc. IV semester for it was felt that it would provide students the hands as experience to demonstrate their research abilities. Students were also asked to give a feedback on the methodology and effectiveness of teaching which were assimilated by each subject teacher to improve upon.

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

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

Bridge Courses

| Program | Course | Subject | Teacher Incharge | No. of Students benefitted |
|--------------|--------------------------------|-------------|-------------------------|----------------------------|
| BCA I Year | Discrete Mathematics & Algebra | Mathematics | Dr. Mandira Kar | 57 |
| BSc. I Year | Algebra & Trigonometry | Mathematics | Dr. Mandira Kar | 71 |
| BSc. I Year | Vector Analysis & Geometry | Mathematics | Dr. Akhilesh Pathak | 71 |
| BBA I Year | Business Mathematics | Mathematics | Dr. Akhilesh Pathak | 102 |
| M.Sc. I Sem. | Real Analysis I | Mathematics | Dr. Akhilesh Pathak | 12 |
| M.Sc. I Sem. | Advanced Abstract Algebra | Mathematics | Dr. Pratibha Richhariya | 11 |
| BCA I Year | Discrete Mathematics & Algebra | Mathematics | Dr. Archana Pasari | 32 |
| B.Sc. I Year | Algebra & Trigonometry | Mathematics | Dr. Archana Pasari | 60 |

Remedial Courses

| Program | Year / Sem. | Course | Subject | Teacher In-charge | No. of Students benefitted |
|---------|-------------|--|-------------|-------------------------|----------------------------|
| B.Sc. | I Year | Algebra & Trigonometry | Mathematics | Dr. Mandira Kar | 19 |
| M.Sc. | IV Sem. | Operation Research –II | Mathematics | Dr. Mandira Kar | 10 |
| M.Sc. | IV Sem. | Mathematical Modeling | Mathematics | Dr. Mandira Kar | 13 |
| B.Sc. | I Year | Vector Analysis & Geometry | Mathematics | Dr. Akhilesh Pathak | 65 |
| B.Sc. | II Year | Advanced Calculus | Mathematics | Dr. Akhilesh Pathak | 74 |
| B.Sc. | III Year | Real & Complex Analysis | Mathematics | Dr. Akhilesh Pathak | 43 |
| M.Sc. | I Sem. | Real Analysis | Mathematics | Dr. Akhilesh Pathak | 15 |
| B.Sc. | II Year | Abstract Algebra | Mathematics | Dr. Pratibha Richhariya | 38 |
| M.Sc. | II Sem. | Advanced Abstract Algebra | Mathematics | Dr. Pratibha Richhariya | 10 |
| BCA | I Year | Discrete Mathematics & Algebra | Mathematics | Dr. Archana Pasari | 13 |
| B.Sc. | III Year | Discrete Mathematics | Mathematics | Dr. Archana Pasari | 24 |
| M.Sc. | IV Sem. | Numerical Methods | Mathematics | Dr. Archana Pasari | 5 |
| M.Sc. | II Sem. | Complex Analysis II | Mathematics | Dr. Archana Pasari | 15 |
| M.Sc. | II Sem. | Ordinary & Partial Differential Equation | Mathematics | Mr. Satyendra Jain | 13 |
| M.Sc. | IV Sem. | Mathematical Modeling | Mathematics | Mr. Satyendra Jain | 12 |



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f. What is the method for conducting internal evaluation?

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

g. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.: Special Lectures: None

| Title of Programme (Guest Lecture /Seminar/Workshop) | Expert Person | Date | Number of Participants |
|---|---------------|------|------------------------|
| N/A | N/A | N/A | N/A |

h. Teaching and Learning reforms: Online & Offline Teaching (simultaneously)

i. Internal Assessment reforms: Online time bound Tests

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: Yes

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

6. Courses conducted in collaboration with Industries and Institutions: None

| Programme/Course | Industry/Institution | Activity (internship / project/field work / any other) |
|------------------|----------------------|--|
| N/A | N/A | N/A |

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

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

8. Information about research grants, projects completed and ongoing from National funding agencies (like UGC, DST) : None

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



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9. Research Publications

| Name of Teacher | Papers published in peer reviewed journals |
|---------------------|---|
| Dr. M. Darbari | Mita Darbari, Prashans Darbari, Sarvadev Kumar, Arpita Sen, Megha Tamrakar & Vibha Sahu "Two Exceptional Pythagorean Triangles: A Key for Encryption", European Journal of Molecular & Clinical Medicine ISSN 2515-8260 Volume 7, Issue 8, 2020 (Scopus indexed) |
| Dr. Akhilesh Pathak | P.L. Powar, Akhilesh K. Pathak, Lakshmi Narayan Mishra Rishabh Tiwari and Ramratan Kushwaha "Fixed Point Theorems Concerning Hausdorff F-PGA Contraction in Complete Metric Space" Journal of Physics: Conference Series, Volume1724, International Conference on Recent Trends in Applied Mathematical Sciences (ICRTAMS) 2020 26-27 September 2020, Tiruvannamalai, India (Scopus indexed) |

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 | 02 | None | None | None |

11. Chapter in Books

| Author Name | Chapter and Name of Book |
|----------------------------|---|
| 1. Dr. Mandira Kar | <ol style="list-style-type: none"> Usage of Mathematics as a Pedagogic tool in Teaching Economics: A case Study, Interdisciplinary Approach in Education and Industrial Requirements, Saliha Publication, ISBN : 978-81-947377-0-4 Online Education: Opportunity Post Covid-19, Pandemics 2020- Opportunities & Challenges, Published by Bhopal School of Social Sciences. |
| 2. Dr. Mita Darbari | <ol style="list-style-type: none"> Harshad Numbers and Pythagorean, Triangles, Deliberations on Advances in Physical, Mathematical and Computational Sciences, Shree Vinayak Publications, ISBN No 978-93-87899-09-4, 2021. Mathematics, Pythagoras, Health and Nature, Health and Hygiene During Covid-19 Pandemic, Shree Vinayak Publications ISBN No 978-93-87899-07-0 2021 |
| 3. Dr. Pratibha Richhariya | <ol style="list-style-type: none"> Regular Fine Continuity, Deliberations on Advances in Physical, Mathematical and Computational Sciences, Shree Vinayak Publications, ISBN No 978-93-87899-09-4, 2021. A Report on Awareness About Government Schemes in Rural Areas, Health and Hygiene During Covid-19 Pandemic, Shree Vinayak Publications ISBN No 978-93-87899-07-0 2021. Ideal Parenting, Health and Hygiene During Covid-19 Pandemic, Shree Vinayak Publications ISBN No 978-93-87899-07-0 2021. |



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| | |
|---|---|
| 4. Dr. Archana Pasari | An easy method to find cube of 11-19 by Vadic Mathematics, Deliberations on Advances in Physical, Mathematical and Computational Sciences, Shree Vinayak Publications, ISBN No 978-93-87899-09-4, 2021. |
| 5. Dr. Akhilesh Pathak & 6. Mr. Satyendra Jain (joint) | Fixed Point Theorems with Rational Type Contraction in Complex Valued Matric Spaces, Deliberations on Advances in Physical, Mathematical and Computational Sciences, Shree Vinayak Publications, ISBN No 978-93-87899-09-4, 2021. |

12. Edited Books

| Author Name | Book Titled |
|--|--|
| Dr. Fr. G. Vazhan Arasu Dr. Mita Darbari (joint) | Deliberations on Advances in Physical, Mathematical and Computational Sciences |

13. Self-Authored Book: None

| Author Name | Book Titled |
|-------------|-------------|
| N/A | N/A |

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

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

15. Consultancy services provided:

| S. No | Name of the teacher | Nature of consultancy | Funds generated |
|-------|--|-----------------------|-----------------|
| 1 | Dr. Mandira Kar | Invited talk | Rs. 1000/- |
| 2 | Dr. Akhilesh Pathak | Guest Lecture | Rs. 500/- |
| 3 | Dr. Akhilesh Pathak, Dr. Pratibha Richhariya, Mr. Satyendra Jain | Resource Person | Rs. 2,850/- |

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

| S. No | Name of the teacher | Programme |
|-------|---------------------|---|
| 1. | Dr. Mandira Kar | 1. National Webinar on "Applications of Mathematics" 22 Jan. 2021 Govt. Autonomous PG College Chhindwara MP. |
| 2. | Dr. Mita Darbari | 1. National Webinar "Mathematics Everywhere Around Us" 14 July 2020 Govt. Polytechnic Darbhanga, Bihar 2. National Webinar "Relevance of Pythagoras in Present Scenario" 25 Aug. 2020 Govt. Polytechnic, Katihar, Bihar 3. International National Mathematics Day 22-23 Dec. 2020 Govt. Science College Jabalpur, M.P. |
| 3. | Dr. Akhilesh Pathak | 1 Online one week certificate course on "Research Documentation Through Latex" 17-25 Aug. 2020 |



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| | | |
|----|-------------------------|--|
| | | St. Aloysius Autonomous College Jabalpur, M.P. 2 Guest Lecture on Quantitative Biology 15 Jan. 2021 Govt. P. G. College, Pipariya, M.P. |
| 4. | Dr. Pratibha Richhariya | 1 Online one week certificate course on "Research Documentation Through Latex" 17-25 Aug. 2020 St. Aloysius Autonomous College Jabalpur, M.P. |
| 5. | Mr. Satyendra Jain | 1 Online one week certificate course on "Research Documentation Through Latex" 17-25 Aug. 2020 St. Aloysius Autonomous College Jabalpur, 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 | 22 | 06 |
| Workshop/FDP/Training Programme | 38 | 04 |
| Paper presentation | - | 01 |

18. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (give details):

| S. No. | Name of the Faculty | Members of committees |
|--------|---------------------|---|
| 1 | Dr. Mandira Kar | Life member - Indian Mathematical Society |
| 2 | Dr. Mandira Kar | Life Member: Mahakoshal Vigyan Parishad |
| 3 | Dr. Mandira Kar | Life Member: SIERP |
| 4 | Dr. Mandira Kar | Life Member: International Education Research Centre |
| 5 | Dr. Mita Darbari | Life member - Indian Mathematical Society |
| 6 | Dr. Mita Darbari | Life member Indian Society for History of Mathematics |
| 7 | Dr. Mita Darbari | Life member- Akhil Bhartiya Darshan Parishad |
| 8 | Dr. Mita Darbari | 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 |
| Dr. Mandira Kar | Int. Hon. Editorial Board Member | Educational Consultant Journal of Engineering Technology & Management Science (ISSN: 2229-9254) |
| Dr. Mandira Kar | Int. Reviewer | International Journal of Mathematical Research |
| Dr. Mita Darbari | Int. Reviewer | Journal of Advanced Mathematics |
| Dr. Mita Darbari | Int. Reviewer | Taylor and Francis |



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20. Awards / Prizes and recognitions received by teachers at university, state, national and international level: 01

| Name of Faculty | Awards/Recognition received | Recognition Bodies |
|-----------------|--|--|
| Dr. Mandira Kar | Innovative Researcher & Dedicated Excellent Educationalist Award-Mathematics | The Society of Innovative Educationalist & Scientific Research Professional, Chennai |

21. Awards and Prizes received by students at university, state, national and international level: None

Curricular activities:

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

Co-curricular:

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

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., PhD., D.Sc. / D.Lit.: 01

(Dr. Archana Pasari was awarded PhD degree)

24. Subject-wise Results:

UG First year

| S. No. | GROUP/Subject | Students appeared | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|--------|---|-------------------|------|------|------|----------------------|
| 1 | Physics, Chemistry & Mathematics | 39 | 39 | 0 | 0 | 100 |
| 2 | Computer Science, Physics & Mathematics | 84 | 84 | 0 | 0 | 100 |
| 3 | Computer Application, Physics & Mathematics | 07 | 07 | 0 | 0 | 100 |
| 4 | Computer Science, Economics & Mathematics | 22 | 22 | 0 | 0 | 100 |
| TOTAL | | 152 | 152 | 0 | 0 | Average % = 100 |



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UG Second year

| S. No. | GROUP/Subject | Students appeared | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|--------|---|-------------------|------|------|------|----------------------|
| 1 | Physics, Chemistry & Mathematics | 42 | 42 | 0 | 0 | 100 |
| 2 | Computer Science, Physics & Mathematics | 111 | 111 | 0 | 0 | 100 |
| 3 | Computer Application, Physics & Mathematics | 24 | 24 | 0 | 0 | 100 |
| 4 | Computer Science, Economics & Mathematics | 45 | 45 | 0 | 0 | 100 |
| TOTAL | | 222 | 222 | 0 | 0 | Average % = 100 |

UG Third year

| S. No. | GROUP/Subject | Students appeared | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|--------|---|-------------------|------|------|------|----------------------|
| 1 | Physics, Chemistry & Mathematics | 52 | 52 | 0 | 0 | 100 |
| 2 | Computer Science, Physics & Mathematics | 132 | 132 | 0 | 0 | 100 |
| 3 | Computer Application, Physics & Mathematics | 25 | 25 | 0 | 0 | 100 |
| 4 | Computer Science, Economics & Mathematics | 38 | 38 | 0 | 0 | 100 |
| TOTAL | | 247 | 247 | 0 | 0 | Average % = 100 |

PG First semester

| Subject | Students appeared | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|-------------------|------|------|------|----------------------|
| Mathematics | 26 | 26 | 0 | 0 | 100 |

PG Second semester

| Subject | Students appeared | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|-------------------|------|------|------|----------------------|
| Mathematics | 26 | 26 | 0 | 0 | 100 |

PG Third semester

| Subject | Students appeared | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|-------------------|------|------|------|----------------------|
| Mathematics | 18 | 18 | 0 | 0 | 100 |



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PG Fourth semester

| Subject | Students appeared | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|-------------------|------|------|------|----------------------|
| Mathematics | 18 | 18 | 0 | 0 | 100 |



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ADMINISTRATIVE AUDIT

1. Department-wise Student-Teacher Ratio: 01:30

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

| Designation | Sanctioned | Filled |
|---------------------|------------|--------|
| Associate Professor | 0 | 02 |
| Assistant Professor | 06 | 04 |

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

| Name | Designation | Qualification | Teaching/Research Experience | Nature of Post |
|-------------------------|---------------------|-----------------------------|------------------------------|----------------|
| Dr. Mandira Kar | Associate Professor | M.Sc., M.Phil., PhD | Teaching: 34 Research: 14 | Confirmed |
| Dr. Mita Darbari | Associate Professor | M.Sc., PhD | Teaching: 33 Research: 17 | Confirmed |
| Dr. Akhilesh Pathak | Assistant Professor | M.Sc., B.Ed., PhD. | Teaching: 09 Research: 09 | Confirmed |
| Dr. Pratibha Richhariya | Assistant Professor | M.Sc., PGDCA, M.Phil., PhD. | Teaching: 09 Research: 11 | Confirmed |
| Dr. Archana Pasari | Assistant Professor | M.Sc., B.Ed., PGDCA, PhD. | Teaching: 16 Research: 07 | Confirmed |
| Mr. Satyendra Jain | Assistant Professor | M.Sc., B.Ed., SLET | Teaching: 08 Research: 05 | Confirmed |

4. Diversity of Faculty

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

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

| 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 | 335 | 176 | 470 | 102 | 74 | 176 |
| PG | 45 | 30 | 30 | 16 | 14 | 30 |



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7. Diversity of Students:

| Name of the Programme | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|-----------------------|--|--|---|------------------------------------|
| M.Sc. (Mathematics) | 95.45 | 4.55 | None | None |

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

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

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

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

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

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

b) Online (books, journals etc.) subscribed

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:

Books purchased in 20-21: Rs. 34,513/-

| Estimate Budget (in Rs.) | Non-Recurring | Consumable | Total (in Rs.) |
|--------------------------|---------------|------------|----------------|
| 35,000/- | - | - | 35,000/- |



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11. Laboratory Facilities

Items Procured in 2020-21: None

| S. No | Name of Item | Configuration | Quantity |
|-------|--------------|---------------|----------|
| N/A | N/A | N/A | N/A |

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:

Date: 29.12.2021

Name: Dr. Mandira Kar

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



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ACADEMIC AUDIT

1. Name of the Department: Zoology

2. Year of Establishment:

3. Curricular Aspects:

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

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

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

| Program | Year /Sem | Course | Activity |
|---------|------------|---------------------------------|-----------------------|
| B.Sc | Third Year | Ecology and Applied Zoology | Workshop and Training |
| M.Sc | II Sem | Tools and Techniques in Biology | Institutional visit |
| | III Sem | Aquaculture | Workshop and Training |
| | III Sem | Sericulture | Workshop and Training |

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

Students, Alumni, Parents, Employers:

Yes, online as well as manual feedback on curriculum is obtained in prescribed format from all the stakeholders including Students & Alumni, Employers/Industrialists, Peer Reviewers /Teachers and subsequently reviewed. Based on their suggestions appropriate changes are incorporated in the UG & PG Zoology syllabus and need based socially relevant topics are added from time to time for up-gradation of curricula.



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- d. Number of teachers preparing & following Academic Teaching plan: 04
- e. Do you offer Bridge/Remedial courses? If yes, Give details.

Bridge courses

| Program | Course | Subject | Teacher In-charge | No. of Students benefitted |
|------------|---|---------|-------------------------|----------------------------|
| BSc I Year | Classification of Phylum Protozoa | Zoology | Dr. Priyanka Sinha | 60 |
| | Classification of Phylum Porifera | Zoology | Dr. Runa Paul | 60 |
| | Classification of Phylum Coelenterata | Zoology | Dr. Priyanka Sinha | 60 |
| | Classification of Phylum Platyhelminthes & Nematehalminthes | Zoology | Dr. Runa Paul | 61 |
| | Classification of Phylum Annelida | Zoology | Dr. Daya Shankar Gautam | 61 |
| | Classification of Phylum Nematehalminthes | Zoology | Dr. Runa Paul | 58 |
| | Classification of Phylum Arthropoda | Zoology | Dr. Daya Shankar Gautam | 58 |
| | Classification of Phylum Mollusca | Zoology | Dr. Manju Dixit | 55 |
| | Classification of Phylum Echinodermata | Zoology | Dr. Manju Dixit | 58 |

Remedial Course

| Program | Year / Sem | Course | Subject | Teacher In-charge | No. of Students benefitted |
|---------|-------------|----------|---------|-------------------------|----------------------------|
| B.Sc | First Year | Paper I | Zoology | Dr. Runa Paul | 36 |
| | First Year | Paper II | Zoology | Dr. Priyanka Sinha | 32 |
| | Second Year | Paper I | Zoology | Dr. Manju Dixit | 25 |
| | Second Year | Paper II | Zoology | Dr. Daya Shankar Gautam | 24 |
| | Third Year | Paper I | Zoology | Dr. Runa Paul | 24 |
| | Third Year | Paper I | Zoology | Dr. Daya Shankar Gautam | 29 |
| | Third Year | Paper II | Zoology | Dr. Priyanka Sinha | 26 |
| | Third Year | Paper II | Zoology | Dr. Manju Dixit | 24 |



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f. What is the method for conducting internal evaluation?

Methods of internal evaluation - CCE, Quarterly, Half yearly, Seminar and Project

- Internal Evaluation (Quarterly + Half Yearly) for BSc Students - online submission of answer script.
- Internal evaluation of M.Sc Students - online CCE, Seminar, (virtual) & survey based Projects were conducted for M.Sc II Sem students.

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 |
|--|--|-------------|------------------------|
| National Webinar on "Recent Trends in Zoology" | Dr. Priyanka Sinha Dr. Runa Paul Dr. Daya Shankar Dr. Manju Dixit | 18.07.2020 | 108 |
| Guest Lecture on "Role of genetics and epigenetic in the process of aging" | Dr. Nirupama Chatterjee Principal Research Scientist, Artemis Hospital Gurugram Haryana | 13.02.2021 | 60 |
| Guest Lecture on "Vermicomposting & Vermiculture" under Internship Training Programme. | Mrs. Aradhana Rai, Director Vigyan Ashram Jabalpur | 31.05. 2021 | 21 |

h. **Teaching and learning reforms:** E - Content & virtual lectures were also prepared.

I. **Internal Assessment reforms:** Social Relevant projects given to PG students Survey on local Fauna

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

| Number of Teachers | Sanctioned | Filled |
|--------------------|------------|--------|
| 05 | 05 | 04 |

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

| Name of the teachers | Participation in Curriculum Development |
|----------------------|---|
| Dr. Priyanka Sinha | Member of BOS Zoology RDVV |

6. Courses conducted in collaboration with Industries and Institutions:

| Programme/Course | Industry/Institution | Activity (internship / project/field work / any other) |
|------------------|------------------------|--|
| M.Sc. IV Sem | Vigyan Ashram Jabalpur | Internship Program |



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

| Programme | Examination System |
|--------------------|---------------------------------------|
| B. Sc | Annual |
| M. Sc | Semester (Choice Based Credit System) |
| Certificate Course | Credit and Grading system |

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

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

9. Research Publications

| Name of Teacher | Papers published in peer reviewed journals |
|-------------------------|---|
| Dr. Priyanka Sinha | Studies on Impact of Covid 19 lockdown on Psychological Status of Students of Madhya Pradesh International Journal of Creative Research Thoughts (IJCRT) Volume 9, Issue 6 2021 ISSN: 2320-2882 |
| Dr. Runa Paul | Quantitative analysis and antimicrobial activities of <i>Phyllanthus emblica</i> (L) leaf extracts against fish pathogen <i>Aeromonas hydrophila</i> . Runa Paul, Asha Khanna, Rita Bhandari. Journal of Advanced Scientific Research. 2020; 11 (4): 166-170. UGC Care Journal |
| Dr. Daya Shankar Gautam | Gautam, D., Marskole, P., Mishra, S., Tiwari, N., Kumari, A., Dwivedi, S., & Naz, K. (2020). In vitro analysis of the effect of Go Ark on Human Peripheral Blood Lymphocytes. <i>International Journal of Ayurvedic Medicine</i> , 11(3), 410-414. https://doi.org/10.47552/ijam.v11i3.1641 (UGC CARE Group II Journal, Indexed in <i>Web of Science</i>) |

10. Number of publications

| Papers published in peer reviewed journals | SCOPUS, Web of Science Indexing Papers | Citations | h-index | Impact factor range/Average Impact factor |
|--|--|-----------|---------|---|
| 3 | 1 | - | - | Cite factor- 1.56 |

11. Chapter in Books

| Author Name | Name of Book |
|-------------|--------------|
| Nil | Nil |

12. Edited Books

| Author Name | Book Titled |
|-------------|-------------|
| Nil | Nil |



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13. Self-Authored Book

| Author Name | Book Titled |
|-------------|-------------|
| Nil | Nil |

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

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

15. Consultancy services provided:

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

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

| S. No | Name of the teacher | Programme |
|-------|-------------------------|--|
| 1 | Dr. Priyanka Sinha | National Webinar on "Recent Trends in Zoology" 18 th July 2020 organized by Department of Zoology, St. Aloysius College (Autonomous) Jabalpur (M. P.) |
| 2 | Dr. Runa Paul | |
| 3 | Dr. Daya Shankar Gautam | |
| 4 | Dr. Manju Dixit | |

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

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

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

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

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. Daya Shankar Gautam | Reviewer | BIOSCIENCES BIOTECHNOLOGY RESEARCH ASIA (BBRA) Journal (Web of Science indexed, UGC Care Journal) |



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

| Name of Faculty | Awards/Recognition received | Recognition Bodies |
|-------------------------|--|--|
| Dr. Daya Shankar Gautam | Recognition - Outstanding Reviewer Dated - 24 th April 2021 | BIOSCIENCES BIOTECHNOLOGY RESEARCH ASIA (BBRA) Journal (Web of Science indexed, UGC Care Journal) (<a href="https://www.biotech-asia.org/peer-reviewers/Our Active Reviewers for the Volume 18 Number 01 - Second Column, 9<sup>th</sup> Row">https://www.biotech-asia.org/peer-reviewers/Our Active Reviewers for the Volume 18 Number 01 - Second Column, 9th Row) Print ISSN: 0973-1245, Online ISSN: 2456-2602 |

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

Curricular activities:

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

Co-curricular:

| S. No | Name of Student | Awards/Recognition received | Recognition Bodies |
|-------|--------------------------------|-----------------------------------|--|
| 1 | Gaythri Sunil (BSc I st Year) | Third prize in Poster competition | National foundation for communal harmony |
| 2 | Girish Pathak (MSc II Sem) | First prize in Speech competition | Jigyasha Workshop |
| 3 | Girish Pathak (MSc II Sem) | Third prize in Vigyan Katha | Jigyasha Workshop |

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

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

23. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D. Lit: 01 (Notification Date - 28.10.2020)

24. Subject-wise Results

UG First year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------|---------------|-------------------|------|------|------|----------------------|
| 1 | CBZ ZOOLOGY | 44 | 44 | NIL | NIL | 100% |
| 2 | BTZ ZOOLOGY | 54 | 54 | NIL | NIL | 100% |



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| | | | | | |
|-------------|----|----|--|--|--|
| TOTAL-----> | 98 | 98 | | | |
|-------------|----|----|--|--|--|

UG Second year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|---------------|-------------------|------|------|------|----------------------|
| 1 | CBZ ZOOLOGY | 63 | 63 | NIL | NIL | 100% |
| 2 | BTZ ZOOLOGY | 54 | 54 | NIL | NIL | 100% |
| TOTAL-----> | | 117 | 117 | | | |

UG Third year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|---------------|-------------------|------|------|------|----------------------|
| 1 | CBZ ZOOLOGY | 46 | 46 | NIL | NIL | 100% |
| 2 | BTZ ZOOLOGY | 59 | 59 | NIL | NIL | 100% |
| TOTAL-----> | | 105 | 105 | | | |

PG First semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|---------|-------------------|------|------|------|----------------------|
| Zoology | 24 | 24 | NIL | NIL | 100% |

PG Second semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|---------|-------------------|------|------|------|----------------------|
| Zoology | 24 | 24 | NIL | NIL | 100% |

PG Third semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|---------|-------------------|------|------|------|----------------------|
| Zoology | 21 | 21 | NIL | NIL | 100% |

PG Fourth semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|---------|-------------------|------|------|------|----------------------|
| Zoology | 21 | 21 | NIL | NIL | 100% |



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 30:01

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

| Designation | Sanctioned | Filled |
|---------------------|------------|--------|
| Assistant Professor | 05 | 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. Priyanka Sinha | Head & Assistant Professor | M.Sc, Ph.D | 10 Years | Confirmed |
| Dr. Runa Paul | Assistant Professor | M.Sc, Ph.D | 18 years | Confirmed |
| Dr. Daya Shankar Gautam | Assistant Professor | M.Sc, Ph.D | 10 years | Confirmed |
| Dr. Manju Dixit | Assistant Professor | M.Sc, Ph.D | 17 years | Confirmed |

4. Diversity of Faculty

| From the same university | From other universities with in the State | From other States | From outside the country |
|--------------------------|---|-------------------|--------------------------|
| 03 | 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 | 95 | 55 | 70 | 21 | 34 | 55 |

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 I Sem | 23 | 01 | 01 | Nil |
| M.Sc III Sem | 18 | 00 | 03 | Nil |
| BSc I Year (CBZ Group) | 32 | 54 | 01 | Nil |

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

| Programme | % proceeded for higher studies | % of students placed |
|---------------|--------------------------------|----------------------|
| B.Sc III Year | 60% | Nil |
| M.Sc IV Sem | 10% | 4.8% |

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

- Central Library Books and Journals, etc, relevant to Department- 2921 Books and 05 Journals
- Online (books, journals etc.) Subscribed- Inflightnet, Delnet
- Computers and Internet facilities for staff – Desktop-2, Laptop-2, e-Podium-1, Internet Facilities- 24hrs, DLPs (Digital Light Projectors) - 01
- Total number of class rooms-4
- Class rooms with ICT facility - All The Classrooms Are With ICT Facility
- Students' laboratory- 1
- Research laboratories- 1
- Any other facility-
 - Advanced Lab Equipment Facilities
 - Trinocular Research Microscope with micro photographic attachment with Scope Image Software
 - Phase Contrast Microscope
 - Micro plate ELISA plate Reader
 - Rotary Vacuum Evaporator
 - Deep Freezer -20
 - Gradient PCR Thermo cycler
 - Cooling Centrifuge
 - BOD Incubator
 - Colorimeter
 - Visual Spectrophotometer
 - Kymograph
 - Microtome
 - Automatic razor sharpener
 - Incubator
 - Digital pH meter (Systronics)
 - Ecotestor & Conductivity meter
 - Camera Lucida (Mirror type and Prism type)
 - Turbidity meter
 - Conductivity meter
 - Distillation Apparatus
 - Vortex Mixer
 - Refractometer
 - Water Bath



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25. Biochemical Analyser

26. Homogenizer

27. Bacteriological Colony Counter

10. Department-wise Purchase Budget and expenditure details:

| Estimate Budget (Rs.) | Non-Recurring | Consumable | Total |
|-----------------------|-------------------|---------------|--------------|
| 11,80,000/- | Rs.10,06,945.52/- | Rs.1,80,148/- | 1187093.52/- |

11. Laboratory Facilities

Items Procured- 2020-21

| S. No | Name of Item | Configuration | Quantity |
|-------|---|---|----------|
| 1. | Phase Contrast Microscope | 5 MP Camera with 11 inches HD Screen, Dark field attachment , HDMI WiFi | 1 |
| 2. | Micro Lab ELISA Plate Reader | Automatic | 1 |
| 3. | 20 ⁰ Deep Freezer | 200 l, LED with REMI Servo Voltage stabilizer | 1 |
| 4. | Rotary Vacuum Evaporator, Capacity : 1 litres | Chiller refrigerated Circulator | 1 |
| 5. | Thermocycler PCR (Gradient) | 96 well | 1 |



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Declaration by the Head of the Department

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

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

Signature

Date: 27.10.2021

Name- Dr. Priyanka Sinha

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



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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 Year | Applied Economics- Paper I, Paper II Tax Procedure & Practice- Paper I, Paper II Computer Application- Paper I, Paper II |
| B.Com. | II Year | Applied Economics- Paper I, Paper II Tax Procedure & Practice- Paper I, Paper II Computer Application- Paper I, Paper II |
| B.Com. | III Year | Applied Economics- Paper I, Paper II Tax Procedure & Practice- Paper I, Paper II Computer Application- Paper I, Paper II |
| M.Com. | I Sem. | Finance 1. Financial Management 2. Financial Institutions and Markets Marketing 1. Marketing Management 2. Advertising and Sales Management |
| M. Com. | II Sem. | Finance 1. Investment Management 2. Project Planning & Management Marketing 1. Consumer Behaviour 2. Strategic Marketing |
| M.Com. | III Sem. | Finance 1. Portfolio Management Marketing 1. Service Marketing Management Open Elective 1. Citizen and Civic Awareness 2. Human Resource Management 3. Web Designing and Networking 4. Fundamentals of Communication |
| M.Com. | IV Sem. | Finance 1. International Financial Management Marketing 1. International Marketing. Open Elective 1. Human Rights 2. Human Resource Development 3. Management Information System and E- Commerce 4. Trends and Techniques of Effective Communication |



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

| Program | Year /Sem | Course | Activity |
|---------------|--------------|-----------------------------------|---|
| M.Com. | I Sem. | Skill Development | Computer Awareness |
| M.Com. | II Sem. | Skill Development | Spoken English |
| M.Com. | III Sem. | Skill Development | Personal Personnel Productivity Program |
| M.Com. | IV Sem. | Skill Development | Personality Development |
| Add on Course | Open for All | Tally with GST | Internship in GST Tally |
| Add on Course | Open for All | Income tax Return Filing & Filing | Online ITR |
| Add on Course | Open for All | GST Return Filing & Filing | Online ITR |
| Add on Course | Open for All | CPBFI | HR Workshop |
| Add on Course | Open for All | USCMA | Participated and won International Case study competition |

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

Students, Alumni, Parents, Employers: Yes

d. Number of teachers preparing & following Academic Teaching plan:18

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

Bridge courses

| Program | Course | Subject | Teacher In-charge | No. of Students benefitted |
|--------------|-----------|---|--------------------|----------------------------|
| B.com I Year | Hons. | Branch Account | Dr. Tarvinder Kaur | 47 |
| B.com I Year | App. Eco. | Economic | Dr. Komal Rawat | 82 |
| B.com I Year | Hons. | Economic | Dr. Komal Rawat | 81 |
| B.com I Year | Tax | Introduction of Account & Double Entry System | Dr. Yogesh Ashar | 59 |
| B.com I Year | App. Eco. | Accounting Concepts & Convention | Dr. Sanjay Rajak | 34 |

Remedial Course

| Program | Year / Sem | Course | Subject | Teacher In-charge | No. of Students benefitted |
|---------|------------|-----------|-------------------------------------|----------------------|----------------------------|
| B.com | I Year | Tax | Income Tax | Mr. Abhishek Anand | 19 |
| B.com | I Year | Tax | Income Tax | Dr. Dilip Koshta | 15 |
| B.com | I Year | Tax | Business Organization Communication | Dr. Ashu Jain | 18 |
| B.com | I Year | Tax | GST | Dr. Hephzibah John | 19 |
| B.com | I Year | App. Eco. | Macro Economics | Dr. Komal Rawat | 15 |
| B.com | I Year | Tax | Business Law | Dr. Pooja Gupta | 20 |
| B.com | I Year | App. Eco. | Business Organization | Dr. Nidhi Khurana | 18 |
| B.com | I Year | Tax | Cost A/c | Dr. Kudshiya Raza | 16 |
| B.com | I Year | App. Eco. | Business Maths | Dr. Preeti Jain | 20 |
| B.com | I Year | App. Eco. | Management Economics | Dr. Rupali Ahluwalia | 19 |
| B.com | I Year | Tax | Financial Accounts | Dr. Sonali Jain | 18 |
| B.com | I Year | App. Eco. | Branch A/c | Dr. Travinder Kaur | 18 |



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| | | | | | |
|-------|----------|-----------|--|--------------------|----|
| B.com | I Year | Tax | Business Maths | Dr. Yogesh Ashar | 19 |
| B.com | II Year | Tax | Income Tax | Dr. Dilip Koshta | 15 |
| B.com | II Year | Tax | GST | Dr. Hephzibah John | 19 |
| B.com | III Year | Tax | Auditing | Dr. Pooja Gupta | 20 |
| B.com | II Year | Tax | Cost A/c | Dr. Kuschhiya Raza | 16 |
| B.com | III Year | Tax | Auditing | Dr. Pooja Gupta | 12 |
| B.com | III Year | Tax | Management A/c | Dr. Kushshiya Raza | 11 |
| B.com | II Year | Tax | Corporate A/c | Dr. Sonal Rai | 38 |
| B.com | II Year | App. Eco. | Corporate A/c | Dr. Sanjay Rajak | 42 |
| B.com | I Year | Tax | Income Tax | Mr. Abhishek Anand | 19 |
| B.com | I Year | Tax | Income Tax | Dr. Dilip Koshta | 15 |
| B.com | I Year | Tax | Business Organization Communication | Dr. Ashu Jain | 18 |
| B.com | I Year | Tax | GST | Dr. Hephzibah John | 19 |
| B.com | I Year | App. Eco. | Macro Economics | Dr. Komal Rawat | 15 |
| B.com | I Year | Tax | Business Law | Dr. Pooja Gupta | 20 |
| B.com | III Year | Tax | Management A/c | Dr. Kushshiya Raza | 11 |
| B.com | II Year | Tax | Corporate A/c | Dr. Sonal Rai | 38 |
| B.com | II Year | App. Eco. | Corporate A/c | Dr. Sanjay Rajak | 42 |

f. What is the method for conducting internal evaluation?

Due to Covid 19, there were online classes so that online internal evaluation took place. For teaching and evaluation various virtual patterns were adopted like unit wise E- tests **E-Assignments**, **PPT Presentations** and **E-Quiz based upon Google forms** were conducted whereas for 3rd year various modes of internals like E-Case studies, E-presentation etc. were adopted for quarterly exams.

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 | 1. Ms. Pallavi Parekh, 2. Mr Abhijeet Banarjee 3. Mr. Varun Jain | 16/10/2020 | 45 |
| Bajaj Finserv | Orientation on Career Prospects in Banking and Finance - Mr Sushant Parekh | 28/10/2020 | 102 |

h. Teaching and learning reforms:

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

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

| Number of Teachers | Sanctioned | Filled |
|--------------------|------------|--------|
| 19 | 19 | 19 |



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

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

6. Courses conducted in collaboration with Industries and Institutions:

| Programme/Course | Industry/Institution | Activity (internship / project/field work / any other) |
|------------------|----------------------|--|
| USCMA | Miles Education | Online Quiz, Case study preparation |
| CPBFI | Bajaj Finserv | Mock Interview |

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

| Programme | Examination System |
|-----------|--------------------|
| B.Com. | Annual |
| M.Com. | Semester |

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. Nidhi Khurana | "A Study on Women Buying Behaviour-Online v/s In-Store" | Indian Council of Social Science Research I Year 31/10/2019 | 3,50,000 | Completed |
| 2. | Dr. Sarita Goel | मध्यप्रदेशकेउच्चशिक्षाक्षेत्रमेंकार्यरत महिलाओंकीसामाजिकआर्थिकस्थितिकाविश्लेषणात्मकअध्ययन | Indian Council of Social Science Research 31/10/2019 | 2,30,000 | Completed |
| 3. | Dr. Vanshree Mehta | "Pradhanmantri Kaushal Vikas Yojana ke samajik arthik prabhav ka mulyankan: Mahakoshal kshetra ke vishesh sandarbh mein" | Indian Council of Social Science Research 18/11/2019 | 4,00,000 | Completed |

9. Research Publications

| Name of Teacher | Papers published in peer reviewed journals |
|--------------------|---|
| Dr. Sonal Rai | Industry 4.0 and education 4.0: A win-win approach towards digitalization. Published in Shodh Sartita UGC Approved Peer Reviewed Journal |
| Dr. Tarvinder Kaur | "Green Purchasing Behavior: Players Who Have Made Significant Contributions In The Behavior Of Indian Consumers" JuniKhyat ISSN: 2278-4632 (UGC Care Group I Listed Journal) Vol-10 Issue-12 |



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| | No.02 December 2020 |
|---------------------|---|
| Dr. Ashu Jain | Water Rights in India: Economic Good, Fundamental Right or Human Rights?" Scopus Indexed Publication in Commonwealth Law Bulletin, Taylor & Francis Group, in the Month September 2020. URL https://www.tandfonline.com/loi/rcfb20 "Factors Influencing College Choice Decision in LTZ College: Case Study", Journal of Quantitative and qualitative research review, published by NFCT, 01 September 2020. Vol. 05, issue 03, ISSN- 2462-1978, eISSN- 2462-2117, URL https://nfct.co.uk/papers/volume-5/issue-3/factors-influencing-college-choice-decision-in-ltz-college-case-study/ |
| Dr. Meenakshi Swamy | "Impact Of Upskilling Migrant Employees And Labourers For Future Business And Industrial Operations" published a research paper in Juni Khyat Journal Vol -11 Issue -03 NO.01 March 2021,ISSN: 2278-4632 Listed in UGC Care Group 1 ,Impact factor 6.625. "Issued Faced By The Migrant Workers During Pandemic -Covid 19",Published in Jijnasa A Journal of The History Of Ideas And Culture ,Paper Vol 38,No.05(II):2021 with ISSN:0337-743 X,UGC Care Approved Peer Reviewed And Refereed Journal, June edition. |
| Dr. Pooja Gupta | "Women empowerment: Issues and Challenges on the way forward" in the "UGC Care group I Journal 'Juni Khyat',Vol.XI, Issue-V, May 2021, pp. 57-62, ISSN:2278-4632. Impact factor 6.625. |
| Dr. Kudshiya Raza | Human resource management practices in institutes of higher Education. UGC Care group I journal 'JuniKhyat' with ISSN:2278-4632 at Volume-XI Issue-V, May 2021 |
| Dr. Komal Rawat | Education loan and socio-economic growth, <i>International Journal of Commerce and Management Research</i> , Vol. 6, Issue 6, November 2020, PP. No.44-47. ISSN: 2455-1627 Gender Disparity: A Study of Gross Enrolment Ratio in Higher Education, <i>Presidency Journal of Management Thought & Research</i> , Vol. X, No.2, July-December 2020, ISSN: 2229-5275 "Customer Perception for Consumption of Our Food during Covid-19: Unlock Scenario", <i>Journal of Business Economics and Management</i> , Vol.3 Issue 2, October 2020. |
| Dr. Sonali Jain | 'कुपोषण एवं स्वच्छता का मूलिन बस्तियों से सहसंबंध का विश्लेषणात्मक अध्ययन- जबलपुर जिले के विशेष सन्दर्भ में. जूनियर जर्नल- ISSN: 2278-4632 (UGC Care Group I Listed Journal) Vol-11 Issue-01 No.01 January 2021, Impact factor 6.625. Technology and Education - Prospects of a Future Classroom, <i>Shanlax International Journal of Education</i> , Vol. 9, 3 rd June 2021, P-ISSN: 2320-2653, E-ISSN: 2582-1334, http://shanlaxjournals.in/journals/index.php/education/ |
| Dr. Nidhi Khurana | "Customer Perception for Consumption of Our Food during Covid-19: Unlock Scenario", <i>Journal of Business Economics and Management</i> , Vol.3 Issue 2, October 2020. "Women Buying Behavior -Online v/s In-Store: A Comparative Study" <i>International Journal of All Research Writings</i> , Vol. 2 Issue. 2, August 2020. |
| Dr. Sarita Goel | "Uchh Shiksha Kshetra Meain Karyarat Mahila on Ki Samajik- Arthik Sthiti Ka Mulyankan" Vol.10, Issue 7, No. 13, Published In UGC Care JuniKhyat Journal Issn: 2278-4632, Impact Factor: 6.625, July 2020. "Uchh Shiksha Kshetra Meain Karyarat Mahila shikshko Ki Samajik- Arthik Sthiti Par Covid-19 ka Prabhav" <i>Junikhayat Journal</i> Vol-11, Issue-04, No-02, April 2021, ISSN: 2278-4632 LISTED IN UGC Care Group I |



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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 |
|--|--|-----------|---------|---|
| 11 | 01 | - | - | - |

11. Chapter in Books

| Author Name | Name of Book |
|---------------------|---|
| Dr Rupali Ahluwalia | "Impact of Innovative Teaching Methods on Learning Outcomes, Effective Strategies for Teaching and Learning pg. ISBN: February,2021 |
| Dr. Ashu Jain | Title, "The Domestication of Human Beings with Their Own Externalised Metare presentations: Drawing Human Capital from Enculturation", published in book titled, "Human Capital Development", Gary I. Lilienthal (ed.) first edition June 02, 2021, pp 113-168, ISBN: 978-1-53619-733-4, nova science publishers New York. Title, "Customary Law of Water Control in Dynastic China and Indian Sacred Rivers Generating Public Moral Behaviour: A Human Capital Comparative Analysis", published in book titled, "Human Capital Development", Gary I. Lilienthal (ed.) first edition June 02, 2021, pp 213-256, ISBN: 978-1-53619-733-4, nova science publishers New York. Title, "Consequences of Covid – 19 on Business and Entrepreneurship: A Case Study of Jabalpur District of MP, India", published in book titled, "New Normal and COVID-19", Muhammad Mahboob Ali, Parul Khanna and TanpatKrawanit (eds.), First edition Oct. 2020, pp 198-207, ISBN: 978-620-3-02485-2, Lap Lambert Academic Publishing, Mauritius. |
| Dr. Preeti Jain | Recent Perspectives of Management, titled "The Pandemic Dimensions of Supply Chain Management Uplifting The Previously Existing Scenarios" (Sep.2020), ISBN - 978-81-946587-1-9 |
| Dr Hephzibah B John | "Health and Hygiene during COVID-19 Pandemic" by Shree Vinayak Publication, Agra. ISBN – 978-93-87899-07-0 |
| Dr. Komal Rawat | "Impact of Innovative Teaching Methods on Learning Outcomes, Effective Strategies for Teaching and Learning pg. ISBN: February,2021 |
| Dr. Nidhi Khurana | Sustainability Analysis of the E-Learning Education System during Covid-19 Pandemic", Sustainable Management (with special focus on Dilemmas of Business Oriented Management) pg. 105-117 ISBN: 978-81-951108-5-8. March 2021. "Impact of Innovative Teaching Methods on Learning Outcomes, Effective Strategies for Teaching and Learning pg. ISBN: February,2021 "Assessment of Quality in Higher Education: A Study of Performances of Colleges Across States in India", Quality Education, 2020 pg 30-43 ISBN 978-93-88316-91-0 |



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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. | Dr. Ashu Jain | Guest Lecture | 1200 |
| 2. | Dr. Ashu Jain | Guest Lecture | 1200 |
| 3. | Mr. Harbaksh Mool chandani | Income Tax Filing | 3000 |

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

| S. No | Name of the teacher | Programme |
|-------|----------------------|---|
| 1. | Dr. Rupali Ahluwalia | U.G.C. Paramarsh |
| 2. | Dr. Rupali Ahluwalia | Miles Education |
| 3. | Dr. Ashu Jain | Faculty Development Program (U.G.C. HRDC, HGCU Sagar) on the topic – “Women Empowerment : an overall analysis” |
| 4. | Dr. Ashu Jain | Faculty Development Program (U.G.C. HRDC, HGCU Sagar) on the topic – “Women Empowerment and Participation in Higher Education” |
| 5. | Dr. Ashu Jain | International Webinar (Bangladesh)- Guest of Honor in an International Webinar Organized by Dhaka School of Economics Bangladesh on 23.06.2021 on 'Effect of Pandemic and Unemployment', organized by Entrepreneurial Economists club, Dhaka School of Economics, Bangladesh. |
| 6. | Dr. Ashu Jain | International Webinar (Bangladesh)- Invited as a Special Guest in the webinar on 'Entrepreneurial Eco System', organized by Entrepreneurial Economists club, Dhaka School of Economics on 28 th Feb. 2021. |
| 7. | Dr. Ashu Jain | National Webinar- Invited as a Resource Person in a National Webinar on “Women Entrepreneurship: A strategy for a sustainable development” organized by RajapalayamRajus College Rajapalayam, Tamil nadu on 03/07/2020. Same can be accessed on https://youtu.be/Tq2vBG29GLw . |
| 8. | Dr. Ashu Jain | Invited for a Guest Lecture on “Effective Communication Skills” organized by B. S. Patil College, Paratwada, Amravati, and Maharashtra on 15/03/2021. |



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| | | |
|-----|-----------------|--|
| 9. | Dr. Ashu Jain | Invited for a Lecture, organized by Nachiketa College on the topic "Negotiable Instrument Act 1881" on 11/01/2021. |
| 10. | Dr. Preeti Jain | National Webinars- 01 |

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 | 18 | 18 |
| Workshop/FDP/Training Programme | 18 | 18 |
| Paper presentations | 02 | 01 |

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

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

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

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

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

| Name of Faculty | Awards/Recognition received | Recognition Bodies |
|----------------------------|---|--------------------|
| Dr. Rupali Ahluwalia | Faculty Advisor for IMA students case competition | US CMA |
| Mr. Harbaksh Mool chandani | 2020-2021 | |
| Dr. Sonal Rai | Letter of Appreciation | NCC |



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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. | Srishti Chadda | Awarded with \$750 in IMA students case competition 2020-2021 | US CMA |
| 2. | Devansh Gulabvani | Awarded with \$750 in IMA students case competition 2020-2021 | US CMA |
| 3. | Om Gupta | Awarded with \$750 in IMA students case competition 2020-2021 | US CMA |
| 4. | Avantika Shukla | Awarded with \$750 in IMA students case competition 2020-2021 | US CMA |

Co-curricular:

| S. No | Name of Student | Awards/Recognition received | Recognition Bodies |
|-------|-----------------|-----------------------------|--|
| 1. | Neeti Sharma | Winner (Confluence) | International Student Faculty exchange program |
| 2. | Amandeep Ghura | Winner | Poster, National Foundation for Communal Harmony |

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. | Open Doors! Reskilling and Upskilling for future industry and business in Collaboration with Miles Education | | 500 | International | 5-6 June 2020 |

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 I year Tax | 302 | 302 | - | - | 100% |
| 2 | B.Com I Year Computer Application | 248 | 248 | - | - | 100% |
| 3 | Applied Economics | 338 | 338 | - | - | 100% |
| 4 | Hons | 121 | 121 | | | 100% |
| TOTAL-----> | | 1009 | | | | |



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UG Second year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|------------------------------------|-------------------|------|------|------|----------------------|
| 1 | B.Com II year Tax | 257 | 257 | | | 100% |
| 2 | B.Com II Year Computer Application | 229 | 229 | | | 100% |
| 3 | B.Com II Year Applied Eco. | 282 | 282 | | | 100% |
| 4 | B.Com II Year Hons. | 95 | 95 | | | 100% |
| TOTAL-----> | | 863 | | | | |

UG Third year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|-------------------------------------|-------------------|------|------|------|----------------------|
| 1 | B.Com III year Tax | 316 | 316 | | | 100% |
| 2 | B.Com III Year Computer Application | 224 | 224 | | | 100% |
| 3 | B.Com III Year Applied Eco. | 292 | 292 | | | 100% |
| 4 | B.Com III Year Hons. | 96 | 96 | | | 100% |
| TOTAL-----> | | 928 | | | | |

PG First semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|---------------|-------------------|------|------|------|----------------------|
| M.Com. I Sem. | 51 | 51 | NIL | NIL | 100% |

PG Second semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|----------------|-------------------|------|------|------|----------------------|
| M.Com. II Sem. | 48 | 48 | NIL | NIL | 100% |

PG Third semester

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



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PG Fourth semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|----------------|-------------------|------|------|------|----------------------|
| M.Com. IV Sem. | 43 | 43 | | | 100% |



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 50:1
2. Number of teaching posts sanctioned, filled and vacant:

| Designation | Sanctioned | Filled |
|---------------------|------------|--------|
| Assistant Professor | 19 | 19 |

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

| Name | Designation | Qualifications | Teaching/Research Experience | Nature of Post |
|----------------------|---------------------|-----------------------------|------------------------------|----------------|
| Dr. Sonal Rai | Dean | M.Com., PhD | 19 | Confirmed |
| Dr. Rupali Ahluwalia | Head | M.Com., PhD | 17 | Confirmed |
| Dr. Tarvinder Kaur | Coordinator | M.Com., PhD | 16 | Confirmed |
| Dr. Ashu Jain | Coordinator | M.Com., M.B.A., PhD | 13.8 | Confirmed |
| Dr. Preeti Jain | Assistant professor | M.Com., NET, PhD | 15 | Confirmed |
| Dr. Sanjay Rajak | Assistant professor | M.Com., PhD | 15 | Confirmed |
| Dr. Hephzibah John | Assistant professor | M.Com., M.ED, PhD | 12 | Confirmed |
| Dr. Sunil Tiwari | Assistant professor | M.Com., PhD | 14 | Confirmed |
| Dr. Dileep Koshta | Assistant Professor | M.Com., SLET, PhD | 10 | Confirmed |
| Dr. Pooja Gupta | Assistant Professor | M.B.A., M.Com., PhD | 11 | Confirmed |
| Dr. Yogesh Ashar | Assistant professor | M.Com., PhD | 09 | Confirmed |
| Dr. Kudshiya Raza | Assistant professor | M.Com., PhD | 09 | Confirmed |
| Mr. Harbaksh M. | Assistant professor | M.Com., ICWA | 14 | Confirmed |
| Dr. Meenakshi Swamy | Assistant professor | M.Com., B.Ed., Ph.D. | 8 | Confirmed |
| Dr. Nidhi Khurana | Assistant professor | M.Com., MBA, PhD, | 8 | Confirmed |
| Dr. Komal Rawat | Assistant professor | M.Com., M.A., NET, Ph.D. | 10 | Confirmed |
| Dr. Sonali B. Jain | Assistant professor | M.Com., MBA, PhD, DIM | 15 | Confirmed |
| Dr. Sarita Goel | Assistant professor | M.Com., B.Ed., PGDCA, Ph.D. | 11 | Confirmed |



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Year 2020-21

4. Diversity of Faculty

| From the same university | From other universities with in the State | From other States | From outside the country |
|--------------------------|---|-------------------|--------------------------|
| 17 | - | 1 | - |

5. Number of academic support staff(technical) and administrative staffs 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 | 1100 | 1014 | 1070 | 557 | 457 | 1014 |
| PG | 90 | 50 | 60 | 16 | 36 | 50 |

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. | (1012) 97% | 00 | (30) 3% | 00 |
| M.COM | 91.2% | 00 | 9.8% | 00 |

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

| Programme | %proceeded for higher studies | % of students placed |
|-----------|-------------------------------|----------------------|
| B.COM | 12.56% | 9.83% |
| M.COM. | 00 | 22.5% |

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

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

Journals- 14

Books- 18865

b) Online (books, journals etc.) Subscribed- Inflibnet, Delnet, American Library, PDFchm.net, NDLI.

c) Computers and Internet facilities for staff- 06 Desktops, 14 laptops

d) Total number of classrooms- 20

e) Classrooms with ICTfacility-20

f) Students' laboratory- 02 (for Computer Application Students)

g) Research laboratories -

h) Any other facility-



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Year 2020-21

10. Department-wise Purchase Budget and expenditure details:

| Estimate Budget (Rs.) | Non-Recurring | Consumable | Total |
|-------------------------|---------------|------------|----------|
| Departmental Stationery | | 1500 | 1500 |
| Laptops (5) | 2,00,000 | | 2,00,000 |


11. Laboratory Facilities

Items Procured- 2020-21

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

Declaration by the Head of the Department

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


Head
of Commerce
St. Aloysius' College
Jabalpur

Signature

Name: Dr. Rupali Ahluwalia

Date: 28.10.2021


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



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ACADEMIC AUDIT

1. **Name of the Department:** Department of 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 | III Year | Elective A: Marketing |
| | | Paper XVII Consumer Behaviour |
| | | Paper XVIII Advertisement Management & Sales Promotion |
| | | Paper XIX Service and Digital Marketing |
| | | Paper XX Major Project in Marketing |
| | | Elective B: Finance |
| | | Paper XVII Working Capital Management |
| | | Paper XVIII Corporate Taxation |
| | | Paper XIX Security & Portfolio Management |
| | | Paper XX Major project in Finance |
| | | Elective C: HRM |
| | | Paper XVII Human Resource Development |
| | | Paper XVIII Wages and Salary Administration |
| | | Paper XIX Organizational Change and Organizational Development |
| | | Paper XX Major project in HRM |

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

| Program | Year / Semester | Course | Activity |
|-----------------------------------|-----------------|--|---|
| Diploma in International Business | Semester II | International Financial Management , Internship and Major Projects | Case Studies, Conceptual Projects and Micro Surveys |
| BBA | I | Communication Skills | Skill enhancement Programmes- Personality Development, Communication Skills, CV Preparation, Resume Writing, Corporate Etiquettes, Interview cracking skills. |
| 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. |



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- c. While framing curriculum, is feed-back taken from stakeholders viz. Students, Alumni, Parents, Employers: Yes
- d. Number of teachers preparing & following Academic Teaching plan: 5
- e. Do you offer Bridge/Remedial courses? If yes, Give details.

Bridge courses

| Program | Course | Subject | Teacher In-charge | No. of Students benefitted |
|------------|------------|----------------------|---------------------------|----------------------------|
| BBA I YEAR | BBA I YEAR | Financial Accounting | Mrs. Shraddha Shrivastava | 80 |
| BBA I YEAR | BBA I YEAR | Micro Economics | Mrs. Rashmi Patras | 50 |
| BBA I YEAR | BBA I YEAR | Business Statistics | Dr. Chitranshi Verma | 60 |

Remedial Course

| Program | Year / Sem | Course | Subject | Teacher In-charge | No. of Students benefitted |
|---------|------------|------------|----------------------|---------------------------|----------------------------|
| BBA | I | BBA I Year | Financial Accounting | Mrs. Shraddha Shrivastava | 65 |
| BBA | I | BBA I Year | Communication Skills | Mrs. Rashmi Patras | 35 |
| BBA | I | BBA I Year | Business Statistics | Dr. Chitranshi Verma | 50 |

f. What is the method for conducting internal evaluation?

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.

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

| Title of Programme (Guest Lecture /Seminar/Workshop) | Expert Person | Date | Number of Participants |
|--|--|------------------------------|------------------------|
| Online Webinar on "Introduction to Stock Market Trading" | Mr. Dhananjay Saraf, CA, Indore | 5 th January 2021 | 120 |
| 3 days' workshop on "Technical | Mr. Hemen Kapadia (BSE broker), Mumbai | 8 th Feb to | 128 |



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| Analysis of Stock Trading” from | | | 10 th Feb,2021, | |
|--|-----------------------------------|--|---------------------------------|-----|
| Online National Level Training Program on " Corporate Skill enhancement and Personality Development" | Personality Dimension | Mr. Abhishek Benjamin, Venture Head, Property Pistol Realty Pvt. Ltd., Navi Mumbai | 7th June 2021 to 15th June 2021 | 135 |
| | Corporate Leadership | Dr. Vandana Benjamin, Principal , Shantiniketan Women's College of Education, Nagpur | | |
| | Interview Skills & Resume Writing | Dr. Preeti Dwivedi, Principal, Vindhya Institute of Management & Research | | |
| | Corporate Digital Management | Mr. Rohit Suri, Sr. Sales force Architect, AI& Analytics Practice Lead, Aetherus | | |
| | Personality Development | Dr. Sonali Dhawan, Asst. Prof., College of Materials Management | | |
| | Group Discussion | Dr. Prashant Mishra, HOD, Department of Management, Vindhya Institute of Management & Research | | |
| | Corporate Etiquettes | Dr. Anjali D'souza, Controller of Examination, St. Aloysius College, Jabalpur | | |
| | Stress Management | Dr. Pramod Chaitanya, HOD, Dept. of Physics, St. Aloysius College, Jabalpur | | |

- h. Teaching and learning reforms: the department:** The department has a student centric learning approach for better understanding of the students. “Mirroring self”, study circles, Peer- to Peer teaching were certain approaches used on a virtual mode. ICT mode of teaching strategy in line to Boom’s Taxonomy focused on advanced skill enhancement and cognitive skill enhancement of students through virtual platforms. Training programs, guest lectures and workshop along with



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student involvement in teaching through seminars and tutorials also gave an edge to effective overall teaching and learning approach.

- i. **Internal Assessment reforms:** Diverse assessment strategies were used for students assessment and evaluation. Unit wise class test, online Quizzes through Quizzi and Kahoot, Video presentations, PPT presentations, Case study analysis, Multiple type Questions in different subjects, micro projects were some of the assessment approaches, also for the open book exam abstract, situational based questions were given as part of assessing students analytical and conceptual knowledge.

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.

| Name of the teachers | Participation in Curriculum Development |
|----------------------|---|
| - | - |

6. Courses conducted in collaboration with Industries and Institutions:

| Programme/Course | Industry/Institution | Activity (internship / project/field work / any other) |
|-----------------------|----------------------|--|
| BBA II and III Year | BSC Broker Forum Ltd | Guest Lecture |
| BBA III Year | BSE Mumbai | Guest Lecture |
| BBA I,II and III Year | BSE Mumbai | Workshop |

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

| Programme | Examination System |
|-----------|------------------------------|
| BBA | Annual System of Examination |

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

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



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9. Research Publications

| Name of Teacher | Papers published in peer reviewed journals |
|---------------------------|--|
| Mrs. Rashmi A Patras | "Strategic Human Resource Management Through Knowledge Based Technology in Indian Banks in a Globalized Economy", International Journal of Social Science & Management Studies I.J.S.S.M.S, Peer Reviewed Refereed Journal & impact Factor-5.2, Ex-UGC S.N. 5351, ISSN- 2454-4655, Vol-6, No. -7, August 2020. |
| Mrs. Shraddha Shrivastava | Paper published in International Journal of Advanced Research in ISSN: 2349-2819 Engineering Technology & Science on the topic "Human Resource Accounting and Practices in Public Enterprises. A Study of Bharat Heavy Electricals Limited" ISSN: 2349-2819 Volume-7, Issue-7 July- 2020 |
| Dr. Chitranshi Verma | "Leader in CSR 2020:A Case Study of Infosys Ltd." International Journal of Scientific Engineering and Research, IJSER, ISSN (Online):2347-3878, Impact Factor (2018): 5.426, January 2021. |

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 |
|------------------|--|
| Dr. Rashmi Singh | Covid-19 Invisible Enemy or Eye Opener Opportunities And Challenges - Effect of Covid-19 on Hospitality Industry and Hoe to Cope with Changing Demand, Ch- 35-44. ISBN : 978-93-5419-610-2, December 2020. |

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 |
|---------------------|----------------------------|-------|-------------------|
| - | - | - | - |



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15. Consultancy services provided:

| S.No | Name of the teacher | Nature of consultancy | Funds generated |
|------|---------------------|-----------------------|-----------------|
| 1. | Dr. Pearly Jacob | Diploma Course | Rs 10,500/- |

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. Pearly Jacob | National E-Conference on "Holistic Approach in Education : Challenges & Opportunities" on 17 th December 2020. |

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 | 1 |
| Workshop/FDP/Training Programme | 23 | 5 |
| Paper presentation | 1 | 1 |

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

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

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

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

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

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

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



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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:

24. Subject-wise Results

UG First year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|---------------|-------------------|------|------|------|----------------------|
| 1 | BBA I YEAR | 190 | 190 | Nil | Nil | 100% |
| TOTAL-----> | | 190 | 190 | | | 100% |

UG Second year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|---------------|-------------------|------|------|------|----------------------|
| 1 | BBA II YEAR | 137 | 137 | Nil | Nil | 100% |
| TOTAL-----> | | 137 | 137 | | | 100% |

UG Third year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|---------------|-------------------|------|------|------|----------------------|
| 1 | BBA III YEAR | 84 | 84 | Nil | Nil | 100% |
| TOTAL-----> | | 84 | 84 | | | 100% |



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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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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 1:45

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. Pearly Jacob | HOD | MBA, NET, Ph.D | 19 | Confirmed |
| Mrs. Rashmi A Patras | Asst. Prof. | MBA, B.Ed. | 12 | Confirmed |
| Mrs. Shraddha Shrivastava | Asst. Prof. | M.Com. | 12 | Confirmed |
| Dr. Rashmi Singh | Asst. Prof. | MHRA, Ph.D | 3 | Confirmed |
| Dr. Chitranshi Verma | Asst. Prof. | MBA, NET, Ph.D | 2 | Confirmed |

4. Diversity of Faculty

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

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

| Post | Sanctioned | Filled | Actual |
|------|------------|--------|--------|
| - | - | - | - |

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

| UG/PG | Applications Received | No. of students Admitted | Seats Available | Male | Female | Total |
|-------|-----------------------|--------------------------|-----------------|------|--------|-------|
| UG | 410 | 191 | 210 | 106 | 85 | 191 |

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 | - | 21% | 2% | Nil |



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

| Programme | % proceeded for higher studies | % of students placed |
|-----------|--------------------------------|----------------------|
| PG | 29% | 5% |

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

- Central Library** Books 2186
Journals 14
- Online (books, journals etc.)** Through E-resources.
- Computers and Internet facilities for staff** - 05 laptops (02 for online classes),
- Total number of classrooms** 04
- Classrooms with ICT facility** 04
- Students' laboratory** NA
- Research laboratories** NA
- Any other facility**

10. Department-wise Purchase Budget and expenditure details:

| Estimate Budget (Rs.) | Non-Recurring | Consumable | Total |
|-----------------------|---------------|------------|------------|
| Rs 58000/- | Rs 54,000/- | Rs 4000/- | Rs 58000/- |

11. Laboratory Facilities

Items Procured- 2020-21

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

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: 26.11.2021



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ACADEMIC AUDIT

1. Name of the Department: Economics

2. Year of establishment: 1951

3. Curricular Aspects: Yes

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

| Program | Semester / year | | Electives |
|-----------------|-----------------|------------------------------------|---|
| | Semester | Paper | Paper |
| MA Economics | III | Agricultural Economics | Environmental Economics (Dept. of Economics) |
| | | Rural Development | Marketing Management (Dept. of Commerce) |
| | | | Political Economy of India (Dept. of Political Science) Fundamental of Communication (Dept. of English) Fundamental of Computer and PC Software (Dept. of Computer science) |
| | IV | Financial Institutions and Markets | Economics of Gender and Development (Dept. of Economics) |
| | | Labour Economics | International Marketing (Dept. of Commerce) |
| | | | Human Rights (Dept. of Political Science) Trends and Techniques of Effective Communication (Dept. of English) Accounting and Financial Management (Dept. of Computer Science) |

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

| Program | Year /sem | Course | Activity |
|---------|-------------|--|-------------------------|
| MA | II Semester | Statistical Inferences and Research Methodology | Field Work/Survey |
| MA | IV Semester | <ul style="list-style-type: none"> Rural Development Economics of Gender and Development | Project work/Internship |

c. While framing curriculum, is feed-back taken from stakeholders viz. Students, Alumni, Parents, Employers: Yes

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

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

Bridge courses

| Program | Course | Subject | Teacher In-charge | No. of Students benefitted |
|---------|----------|--------------------|-------------------|----------------------------|
| Arts | BA/BSC I | Economics Paper I | Dr. Elena Philip | 123 |
| Science | BA/BSC I | Economics Paper II | Dr. Reeta Chouhan | 123 |



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Remedial Course

| Program | Year / Sem | Course | Subject | Teacher In-charge | No. of Students benefitted |
|--------------|------------|------------|-----------|---|----------------------------|
| Arts Science | I Yr. | BA/BSC I | Economics | Dr. Elena Philip Dr. Reeta Chouhan | 19 |
| | II Yr. | BA/BSC II | Economics | Dr. Reeta Chouhan Dr. Anthonima K. Robin | 23 |
| | III Yr. | BA/BSC III | Economics | Dr. Anthonima K. Robin Dr. Renu Markande | 18 |

f. What is the method for conducting internal evaluation?

Online Tests, Online Tutorial, Editorial and Research Paper Review, Online Quiz Competition, Writing and Publication of Research Paper, Poster Presentation 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 |
|--|--|--|------------------------|
| Online UGC NET Classes | 1. Mr. Vivek Pandey 2. Mr. Ravi Dwivedi 3. Dr. Gita Gulati | 25 th May – 5 th June 2021 | 91 |

h. Teaching and learning reforms:

The department provides quality ICT teaching and learning and strives to train students to develop critical skills and research aptitude through PowerPoint Presentation, Online and Offline Teaching, Internship Program for PG Students.

i. Internal Assessment reforms:

Online Power Point Presentation, Online Research Paper Presentation in Seminar. Display of Answer sheets to the concerned students.

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.

| Name of the teachers | Participation in Curriculum Development |
|----------------------|---|
| Dr. Elena Philip | Member of Board of Studies, Department of Post Graduate and Research in Economics, RDVV, Jabalpur, M.P. |
| Dr. 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 | Member of Board of Studies in Mahakaushal College, Jabalpur, M.P. |

6. Courses conducted in collaboration with Industries and Institutions:



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| Programme/Course | Industry/Institution | Activity (internship / project/field work / any other) |
|------------------|----------------------------------|--|
| BA | Hope Faith Youth, Samridhi Mitra | Internship |

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

| Programme | Examination System |
|-------------------|------------------------|
| UG Economics | Annual System |
| PG (MA Economics) | Semester 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. Reeta Chouhan | "Role of Rural Livelihood Diversification To Reduce Farm Distress: A Case Study Of Madhya Pradesh" | ICSSR | Rs. 6,90,000/- | - |

9. Research Publications

| Name of Teacher | Papers published in peer reviewed journals |
|----------------------------|---|
| Dr. Fr. J. G. Vazhan Arasu | <ol style="list-style-type: none"> Paper titled "Human Progress Measured by the Human Development Index: The Capabilities Approach Advocating State Protection of Freedom", published in Human Capital and Development, Book edited by Gary I Lienthal Nova Science Publisher, Inc, New York, 2021, pp 59-112. Research Paper Published "Relationship Between Claim Settlement And Growth Of Life Insurance Companies In India". Sambodhi, ISSN: 2249-6661, Vol-43, No-4, (R), October – December 2020. Research Paper Published "A comparative study of public and private sector life insurance companies in India", An International Bilingual peer reviewed referred research journal, ISSN: 2348-2397, Vol. – 8, Issue- 29, pages-33-37, January-March, 2021. |
| Dr. Anthonima K. Robin | Research Paper Published "Impact of COVID-19 on Small Scale Entrepreneurs in India: An Overview." in International Refereed/ Peer Review Research Journal, Naveen Sodh Sansar, RNI No:MPHIN/2013/ 60638, Volume 1 Issue XXXIV, ISSN: 2320-8767, Page No. 43, April - June, 2021. |
| Dr. Renu Markande | Research Paper Published "Impact of COVID-19 on Small Scale Entrepreneurs in India: An Overview." in International Refereed/ Peer Review Research Journal, Naveen Sodh Sansar, RNI No:MPHIN/2013/ 60638, Volume 1 Issue XXXIV, ISSN: 2320-8767, Page No. 43, April - June, 2021. |

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 |
|--|--|-----------|---------|---|
| 05 | - | - | - | 6.780 |



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11. Chapter in Books

| Author Name | Name of Book |
|------------------------|--|
| Dr. Elena Philip | 1. Chapter titled 'Impact of Sustainable Sanitation on Socio-economic Development of India.' Published in Edited book titled 'Health and Hygiene During Covid-19 Pandemic.' Published by Shree Vinayak Publication, Agra. 2. Chapter titled 'Quantitative and Qualitative Indicators: Fostering Quality Teaching and Learning in Higher Education' Published in edited book titled 'Effective Strategies for Teaching and Learning' ISBN 978-93-89875-74-4. |
| Dr. Reeta Chouhan | Chapter titled "Workplace Stress Management to Enhance Productivity" in 'Health and Hygiene During Covid-19', (Edited by Dr. Fr. Vazhan Arasu and Dr. Anjali D'souza), ISBN: 978-93-87899-07-0, Shree Vinayak Publication, Agra, 2020. |
| Dr. Anthonima K. Robin | Chapter titled "Lifestyle Disease in the Context of Present Scenario" in the book Health and Hygiene during Covid-19 Pandemic, Issue 1, ISBN: 978-93-87899-07-0, Page No. 142-150, 2020. |
| Dr. Renu Markande | Chapter titled "Role of Yoga on the students in India-An Overview" in the "Health and Hygiene during Covid-19 Pandemic" ISBN-.978-93-87899-07-0, Pg. No.147-151, 2021 |

12. Edited Books

| Author Name | Book Titled |
|---|--|
| Dr. Fr. J. G. Vazhan Arasu | 1. Book titled "Hindi Sarvata Vidyate" Published by Vishwa Hindi Sahit Praishad, Shalimar Bagh, New Delhi, 2020 2. Book titled " Hindi ke Vividhaayam" Published by Vishwa Hindi Sahit Praishad, Shalimar Bagh, New Delhi, 2020 3. Book titled "Deliberation on Advance in Physical Mathematical and Computation Sciences" Published by Shree Vinayak Publication, Agra, 2020 4. Book titled "Health and Hygiene During Covid-19 Pandemic" Published by Shree Vinayak Publication, Agra, 2020 |
| Dr. Fr. J. G. Vazhan Arasu & Dr. Elena Philip | 1. Book titled "Quality Education" published by A.P.H publishing corporation, New Delhi, 2020. 2. Book titled "Effective Strategies for Teaching and Learning" Published by A.P.H. Publishing corporation, New Delhi, 2021. |

13. Self-Authored Book

| Author Name | Book Titled |
|-------------|-------------|
| - | - |

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

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

15. Consultancy services provided:

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

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



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| S. No | Name of the teacher | Programme |
|-------|----------------------------|--|
| 1 | Dr. Fr. J. G. Vazhan Arasu | <ol style="list-style-type: none"> Delivered a talk as a resource person in National Conference on "Indian Labour Market and Labour Welfare: Need for Hardline Reform" organized by PSG College of Arts & Science Coimbatore, Tamil Nadu, on 29th August 2020. Delivered a talk as a resource person in the Webinar on "Accreditation Process by NAAC" organized by the state level NAAC cell, Department of Higher Education, Government of Madhya Pradesh, on 27th & 28th November, 2020. Delivered a talk on "Revised Assessment and Accreditation Process: Criterion I & II" in Govt. Indira Gandhi Girls' Home Science College, Shahdol, M.P. on 20th March 2021. |
| 2 | Dr. Elena Philip | <ol style="list-style-type: none"> Invited talk on "Understanding Students & Mentor-Mentee Relationship" at the Faculty Development Program on "Blended Learning & Teaching Pedagogy" Nourah Bint Abdulrahman University, Riyadh, Saudi Arabia, on 23rd July, 2020 Delivered a talk on 'Teachers provide the power of education through mentor & mentee relationship' on 11th August, 2020, in International Faculty Development Program on "Developing the next Gen Teachers" organized by Dhruva Academy of Research International and Educational Institution on 11th to 15th August 2020. Invited talk on Active and Participatory Classroom at FDP organized by SAIT in collaboration with Association with Teacher Educators on 3rd July 2019. Invited talk on 'Strategies for revival of Indian Economy Post Pandemic,' at national webinar organized by Regent Education & Research Foundation Barrackpore, Kolkata. |
| 3 | Dr. Reeta Chouhan | <ol style="list-style-type: none"> Delivered a lecture on "Revised Assessment and Accreditation Process: Criterion III, IV & V" in workshop organized by IQAC, Govt. Indira Gandhi Girls P.G. College, Shahdol on 20th March, 2021. Delivered a lecture on "New dimensions of Economic Ideas" in a refresher course organized by UGC- Human Resource Development Centre, Rani Durgawati Vishwavidyalaya, Jabalpur, MP on 26th March, 2021. |

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

| Activity (please mention the number only) | National | International |
|---|--|---|
| Refresher | - | - |
| Orientation | - | - |
| Seminar/Conference | - | - |
| Workshop/FDP/Training Programme | <ol style="list-style-type: none"> Attended five Days faculty development program on "Teaching Learning and Evaluation for Alliance with Revised Bloom's Taxonomy" organized by department of education, St. Aloysius College (Auto) Jabalpur M.P on 14th -18th December,2020. Attended five Days faculty development program on "Professional Ethics and being a leader of Excellence" organized by IQAC St. Aloysius College (Auto) Jabalpur M.P on 22nd and 26th February 2021. UGC NET Training Programme organized by dept. of Economics, St. Aloysius College (Auto) Jabalpur M.P. from 25th May – 05th June, 2021. | Faculty Development Programme organized by Publons Academy. |
| Paper presentation | - | - |



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

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

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

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

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

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

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. | Vaibhavi Dubey | Essay Hindi on 9 th December 2020 | National Foundation for Communal Harmony, An Autonomous Organization with the Ministry of Home Affairs, Government of India. |
| 2. | Akansha Mishra | Hindi Speech Competition on 1 st December 2020 | Talent Fest, St. Aloysius (Auto.) College, Jabalpur |

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

| S. No | Name of Conference/ Seminars / Workshops/FDP | Funding agency | No. of Participants | State/National/ International | Dates |
|-------|--|--------------------------------|---------------------|-------------------------------|--|
| 1. | 5 Days Faculty Development Programme | St. Aloysius (Auto.), Jabalpur | 73 | National Level | 22 nd – 26 th February, 2021 |

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

24. Subject-wise Results

UG First year



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| S.NO. | GROUP /Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|-----------------|-------------------|------|------|------|----------------------|
| 1 | BA I Economics | 134 | 134 | - | - | 100% |
| 2 | BSC I Economics | 22 | 22 | - | - | 100% |
| TOTAL-----> | | 156 | 156 | - | - | 100% |

UG Second year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|------------------|-------------------|------|------|------|----------------------|
| 1 | BA II Economics | 137 | 137 | - | - | 100% |
| 2 | BSC II Economics | 45 | 45 | - | - | 100% |
| TOTAL-----> | | 182 | 182 | - | - | 100% |

UG Third year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|-------------------|-------------------|------|------|------|----------------------|
| 1 | BA III Economics | 125 | 125 | - | - | 100% |
| 2 | BSC III Economics | 38 | 38 | - | - | 100% |
| TOTAL-----> | | 163 | 163 | - | - | 100% |

PG First semester

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

PG Second semester

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

PG Third semester

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

PG Fourth semester

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



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 01:31

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. Reeta Chouhan | Head | M.A., B.Ed., M.Phil., Ph.D. | 16 Years | Assistant Professor |
| Dr. E. Philip | Dean (Faculty of Social Sciences) | M.A., B.Ed., Ph.D. | 25 Years | Assistant Professor |
| Rev. Dr. G. Vazhan Arasu | Principal | M.A., MBA, M. Phil., B. Th., Ph.D. | 21 Years | Principal |
| Dr. Anthonima K. Robin | Assistant Professor | M.A., M.Phil., Ph.D. | 13 Years | Assistant Professor |
| Dr. Renu Markande | Assistant Professor | M.A., M.Ed., NET, Ph.D. | 13 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:

| 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 | 488 | 276 | 300 | 116 | 160 | 276 |
| P.G | 42 | 30 | 30 | 12 | 15 | 27 |

7. Diversity of Students:

| Name of the Programme | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|-----------------------|--|--|---|------------------------------------|
|-----------------------|--|--|---|------------------------------------|



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| | | | | |
|----------------|--------|-------|----|-----|
| BA | - | 268 | 08 | Nil |
| P.G. Economics | 95.66% | 4.34% | - | - |

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

| Programme | % proceeded for higher studies | % of students placed |
|----------------|--------------------------------|----------------------|
| UG | 25.58% | - |
| P.G. Economics | 78.21% | 21.73% |

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

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

Books: 5462

Journals: 09

b) Online (books, journals etc.) Subscribed - E-Resources (infibnet, DELNET, The American Library, PDF,PHM and NDLI

c) Computers and Internet facilities for staff - 01 PC, 02 Laptops, Wi-fi

d) Total number of class rooms - 05

e) Class rooms with ICT facility -

f) Students' laboratory - Nil

g) Research laboratories - Nil

h) Any other facility - Nil

10. Department-wise Purchase Budget and expenditure details:

| Items | Estimate Budget (Rs.) | Consumable | Total |
|-------------------------------|-----------------------|------------|-------|
| Meeting Expense | Rs/- 8,000 | - | - |
| Practical Examination Expense | Rs/- 0 | - | - |
| Stationary expenses | - | Rs/- 500 | - |
| Dell Vostro 3590 | Rs/-56750/- | - | - |
| Total | Rs/-65,250/- | - | - |


11. Laboratory Facilities

Items Procured- 2020-21

| 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:

Name: Dr. Reeta Chouhan


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

Date:21.10.2021



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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 | |
|-----------------------------|-----------------|---|--|
| | Semester | Core Elective | Open Elective |
| PG (M.A. Political Science) | III | 1. Local Government 2. Women and Political Representation 3. Comparative Politics | 1. Political Economy of India 2. Citizen and Civic Awareness |
| | IV | 1. Political Leadership 2. Media and Politics 3. Electoral Politics in India | 1. Human Rights 2. Economics of Gender and Development 3. Trends and Techniques of Effective Communication |

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

| Program | Year /sem | Course | Activity |
|--------------------|-----------|--------------------------------------|----------------|
| PG | IV Sem | M.A. (Pol.Sc.) Paper-IV-Human Rights | Article Review |
| Certificate Course | | Certificate Course in Human Rights | Project |

c. **While framing curriculum, is feed-back taken from stakeholders viz. Students, Alumni, Parents, Employers:** YES

d. **Number of teachers preparing & following Academic Teaching plan:** 3

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

Bridge courses

| Program | Course | Subject | Teacher In-charge | No. of Students benefitted |
|---------|------------|-------------------|---------------------------------------|----------------------------|
| UG | B.A.I Year | Political Science | Dr. Vishwas Patel Dr. Tuhina Johri | 175 students |

Remedial Course

| Program | Year / Sem | Course | Subject | Teacher In-charge | No. of Students benefitted |
|---------|------------|--------|-------------------|---------------------------------------|----------------------------|
| UG | I Year | B.A. | Political Science | Dr. Vishwas Patel Dr. Tuhina Johri | 50 |
| | II Year | B.A. | Political Science | Dr. Tuhina Johri | 35 |



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| | | | | | |
|--|----------|------|-------------------|---------------------------------------|----|
| | | | | Ms. Bhawna Tekam | |
| | III Year | B.A. | Political Science | Dr. Vishwas Patel Ms. Bhawna Tekam | 20 |

f. What is the method for conducting internal evaluation?

Open Book Examination (Quarterly & Half Yearly), Online PPT presentation, Online Assignments, Online Test, Online Article Review.

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 |
|--|---|---------------|------------------------|
| Two days' Workshop on Roadmap for Writing Research Paper | Dr. Arvind Kumar Joshi, Professor, Department of Sociology, Banaras Hindu University U.P. | 7-8 June 2021 | 146 |

h. Teaching and learning reforms: Virtual Classroom, E-Lectures, Video Conferencing,

i. Internal Assessment reforms: Online Class Test, Online Power point Presentation, Online Tutorial, Online Comprehensive Viva.

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

| Number of Teachers | Sanctioned | Filled |
|--------------------|------------|--------|
| 4 | 4 | 4 |

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

| Name of the teachers | Participation in Curriculum Development |
|----------------------|--|
| Dr. Vishwas Patel | Member of Board of Studies, Department of Political Science, RDVV Jabalpur |
| Dr. Tuhina Johri | |

6. Courses conducted in collaboration with Industries and Institutions:

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

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

| Programme | Examination System |
|-----------|--------------------|
| UG | Annual |
| PG | 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 | Papers published in peer reviewed journals |
|--|---|
| Dr. Vishwas Patel & Dr. Tuhina Johri | "Covid-19 aur Bhartiya Pravasi Shramik" Manavadhikar: Nai Dishayein A Journal of National Human Rights Commission Volume 17 (2020): 123-129 ISSN: 0973-7588 |

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 |
|-------------------|--|
| Dr. Vishwas Patel | <i>Health and Hygiene During COVID-10 Pandemic</i> . Shree Vinayak Publication, Agra (2020. ISBN 978-93-87899-07-0 |
| Dr. Tuhina Johri | <i>Health and Hygiene During COVID-10 Pandemic</i> . Shree Vinayak Publication, Agra (2020) pp-28-33. ISBN 978-93-87899-07-0 |

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 |
|---------------------|----------------------------|-------|-------------------|
| - | - | - | - |



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15. Consultancy services provided:

| S. No | Name of the teacher | Nature of consultancy | Funds generated |
|-------|---------------------|------------------------------------|-----------------|
| 1. | Dr. Tuhina Johri | Certificate Course in Human Rights | 2900/- |
| 2. | Dr. Vishwas Patel | Certificate Course in Human Rights | 900/- |
| 3. | Ms. Bhawna Tekam | Certificate Course in Human Rights | 1200/- |

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. Vishwas Patel | Webinar on "Bhartiya Sanvidhan ka vaishishtiya" |

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 | National Webinar- 4 teachers | Conference-2 teachers |
| Workshop/FDP/Training Programme | Workshop- 4 teachers FDP- 4 teachers Training Prog.- 4 teachers | FDP- 1 Teacher |
| Paper presentation | - | 02 Teachers |

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

| S. No. | Name of the Faculty | Members of committees |
|--------|---------------------|---|
| 1. | Dr. Tuhina Johri | Internal Committee of Board of Studies for Political Science, Nachiketa College, 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 |
|-----------------|----------------------|---|
| - | - | - |

20. 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 | Cash Prize of 5000/- for publishing Research Paper | National Human Rights Commission, New Delhi |
| Dr. Tuhina Johri | Cash Prize of 5000/- for publishing Research Paper | National Human Rights Commission, New Delhi |



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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. | Pranjali Verulkar | Secured II Position at State level in Heartfulness Essay Event -2020 | Shri Ram Chandra Mission in Collaboration with the United Nations Information Centre for India and Bhutan & Heartfulness Education Trust. |
| 2. | Rupanshi Mishra | Secured I Position in Essay writing (ENGLISH) | National Foundation for Communal Harmony. An Autonomous organization with the Ministry of Home Affairs, Government of India. |
| 3. | Muskan Gupta | secured III Position in Essay Writing (HINDI) | National Foundation for Communal Harmony. An Autonomous organization with the Ministry of Home Affairs, Government of India. |
| 4. | Rajul Shrivastava | Received Certificate of Merit in Heartfulness Essay Event -2020 | Shri Ram Chandra Mission in Collaboration with the United Nations Information Centre for India and Bhutan & Heartfulness Education Trust. |

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 | Political Science | 225 | 225 | - | - | 100% |
| TOTAL-----> | | 225 | 225 | | | 100 |



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UG Second year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|-------------------|-------------------|------|------|------|----------------------|
| 1 | Political Science | 227 | 227 | Nil | Nil | 100% |
| TOTAL-----> | | 227 | 227 | | | 100 |

UG Third year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|-------------------|-------------------|------|------|------|----------------------|
| 1 | Political Science | 191 | 191 | Nil | Nil | 100% |
| TOTAL-----> | | 191 | 191 | | | 100 |

PG First semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------------|-------------------|------|------|------|----------------------|
| Political Science | 23 | 23 | - | - | 100% |

PG Second semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------------|-------------------|------|------|------|----------------------|
| Political Science | 24 | 24 | - | - | 100% |

PG Third semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------------|-------------------|------|------|------|----------------------|
| Political Science | 15 | 15 | - | - | 100% |

PG Fourth semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------------|-------------------|------|------|------|----------------------|
| Political Science | 14 | 14 | - | - | 100% |



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 01:31

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

| Designation | Sanctioned | Filled |
|-------------|------------|--------|
| 4 | 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. Tuhina Johri | Asst. Prof. | M.A., Ph.d | 13 Years | Permanent |
| Dr. Vishwas Patel | Asst. Prof. | M.A., M.Phil, P.hd | 21 Years | Permanent |
| Fr. Ben Anton Rose | Asst. Prof. | M.A. B.Th. | 7 Years | Permanent |
| Ms. Bhawna Tekam | Asst. Prof. | M.A., NET | 1 Year | Contractual Basis |

4. Diversity of Faculty

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

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

| Post | Sanctioned | Filled | Actual |
|------|------------|--------|--------|
| NA | - | - | - |

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

| UG/PG | Applications Received | No. of students Admitted | Seats Available | Male | Female | Total |
|-------|-----------------------|--------------------------|-----------------|------|--------|-------|
| UG | 488 | 276 | 300 | 116 | 160 | 276 |
| PG | 47 | 25 | 25 | 12 | 13 | 25 |

7. Diversity of Students:

| Name of the Programme | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|-----------------------|--|--|---|------------------------------------|
| B.A. | - | 268 | 08 | - |
| M.A. | 40 | - | - | - |



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

| Programme | % proceeded for higher studies | % of students placed |
|-----------|--------------------------------|----------------------|
| UG | - | - |
| PG | - | 6.67% |

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

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

Books: 4393 Books

Journals: 08

b) Online (books, journals etc.) Subscribed: INFLIBNET, DELNET, PDFCHM.NET, NDLI, The American Library

c) Computers and Internet facilities for staff : 03 Laptops, 1 PC, Wi-Fi

d) Total number of class rooms : 05

e) Class rooms with ICT facility : 05

f) Students' laboratory : NIL

g) Research laboratories : NIL

h) Any other facility : NIL

10. Department-wise Purchase Budget and expenditure details:

| Estimate Budget (Rs.) | Non-Recurring | Consumable | Total |
|-----------------------|---------------|--|----------|
| 31,500/- | Books- 15,000 | Stationary/ Project Viva/Meeting/Cartridge/seminar-workshop attended- 16,500 | 31,500/- |

11. Laboratory Facilities

Items Procured- 2020-21

| 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.

Signature

Name Dr. Tuhina Johri

Tuhina
Head
Dept. of Political Science
St. Aloysius' College (Auto.)
Jabalpur M. P.

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

Date: 23.10.2021



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ACADEMIC AUDIT

1. Name of the Department: History

2. Year of establishment: 1951

3. Curricular Aspects: Yes

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

| Program | Semester / year | | Electives |
|---------|-----------------|---|-----------|
| - | - | - | - |

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

| Program | Year /sem | Course | Activity |
|---------|-----------|--|-----------------|
| UG | 2021 | Certificate course on Indian History Chronology From Ancient India to Medieval India | Online Teaching |
| - | - | - | - |

While framing curriculum, is feed-back taken from stakeholders viz. Students, Alumni, Parents, Employers: Yes

c. Number of teachers preparing & following Academic Teaching plan:01

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

Bridge courses

| Program | Course | Subject | Teacher In-charge | No. of Students benefitted |
|---------|--------|-------------------|-------------------|----------------------------|
| Arts | BA | History Paper I | Dr. Manju Solomon | 190 |
| | | History Paper -II | Dr. Manju Solomon | 190 |

Remedial Course

| Program | Year / Sem | Course | Subject | Teacher In-charge | No. of Students benefitted |
|---------|------------|--------|---------|-------------------|----------------------------|
| Arts | I Yr. | BA- I | History | Dr. Manju Solomon | 25 |
| | II Yr. | BA- II | History | Dr. Manju Solomon | 23 |
| | III Yr. | BA-III | History | Dr. Manju Solomon | 20 |



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e. What is the method for conducting internal evaluation?

Online Tests, Online Tutorial, Assignments, Online Quiz Competition, Poster Presentation, PPT. etc.

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

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

g. Teaching and learning reforms:

The department provides quality ICT teaching and learning and strives to train students to develop critical skills through PowerPoint Presentation, Inquiry-Based Learning (Q & A) Scenario Analysis Based Teaching (Role Play), Group Discussion Method, Exploratory Learning (Field Survey & Case Study), Inductive-Deductive methods, Assignment Method, Article Review, Quiz Competition, Extempore, Team Teaching, Tutorial Method,

Internal Assessment reforms:

Class tests, Assignments, Projects, Field survey, Tutorial, Role Play, Quiz Competition, Poster Presentation, PPT etc.

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

| Number of Teachers | Sanctioned | Filled |
|--------------------|------------|--------|
| 01 | 01 | 01 |

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

| Name of the teachers | Participation in Curriculum Development |
|-------------------------|--|
| Dr. Manju Maria Solomon | 1. Member of Board of Studies, PG Department of History, RDVV, Jabalpur, M.P 2. Member of Board of Studies in Humanities (History) Bhopal School of Social Science Bhopal, BSSS College, Bhopal |

6. Courses conducted in collaboration with Industries and Institutions:

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



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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 |

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

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

9. Research Publications

| Name of Teacher | Papers published in peer reviewed journals |
|-----------------|--|
| - | - |

10. Number of publications

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

11. Chapter in Books

| Author Name | Name of Book |
|-------------------------|--|
| Dr. Manju Maria Solomon | <ol style="list-style-type: none"> Chapter titled 'Mother and Child Health Welfare Schemes in India ' Published in Edited book titled 'Health and Hygiene During Covid-19 Pandemic.' Published by 'Shree Vinayak Publication Agra,ISBN 978-93-87899-07-0 Pg.no.119-123 year 2020 Chapter titled ' 1857 ka Vidroha aur Sahitya Published in edited book titled "Hindi Sarvata Vidyate" edited by J.G. Valan Arasu and Abhilasha Shukl and Published by Vishwa Hindi Sahitya Praishad, Shalimar Bagh, New Delhi,2020 |

12. Edited Books

| Author Name | Book Titled |
|-------------|-------------|
| - | - |



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13. Self-Authored Book

| Author Name | Book Titled |
|-------------|-------------|
| - | - |

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

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

15. Consultancy services provided:

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

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

| S. No | Name of the teacher | Programme |
|-------|-------------------------|---|
| 1 | Dr. Manju Maria Solomon | Invited Talk on "First World War Causes and Results" for BSSS Bhopal. |

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

| Activity (please mention the number only) | National | International |
|---|---|---------------|
| Refresher | 1 | - |
| Orientation | - | - |
| Seminar/Conference | 1 | - |
| Workshop/FDP/Training Programme | 2. Two days National Training program on Intellectual Property Rights And Patenting: A New vision Organized by research and Development Centre, St. Aloysius College (Auto.) Jabalpur 18th & 19th November 2020 3. Attended five Days faculty development program on "Teaching Learning and Evaluation for Alliance with Revised Bloom's Taxonomy" organized by department of education, St. Aloysius College (Auto) Jabalpur M.P on 14th - 18th December, 2020. 4. Attended five Days faculty development program on "Professional Ethics and being a leader of Excellence" organized by IQAC St. Aloysius College (Auto) Jabalpur M.P on 22nd and 26th February 2021. | . |
| Paper presentation | - | - |



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

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

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 | Editorial Advisory Board | Member Editorial Advisor for Editorial advisory board of AGPE, RGR Journal.(Pune) Maharashtra |

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:

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

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. | Rupanshi Mishra | Essay writing Comp. on "Dandi March" March 2021 | Under the banner of Azadi Ka Amri Mahotsav organized by Govt. Mahakoshal College Jabalpur .M.P. |

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 |
|-------|--|----------------|---------------------|-------------------------------|-------|
| - | - | - | - | - | - |



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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 | BA I History | 201 | 201 | - | - | 100% |
| TOTAL-----> | | 201 | 201 | | - | 100% |

UG Second year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|---------------|-------------------|------|------|------|----------------------|
| 1 | BA II | 192 | 192 | - | - | 100% |
| TOTAL-----> | | 192 | 192 | - | - | 100% |

UG Third year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|----------------|-------------------|------|------|------|----------------------|
| 1 | BA III History | 158 | 158 | - | - | 100% |
| TOTAL-----> | | 158 | 158 | - | - | 100% |



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 1:31

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

| Designation | Sanctioned | Filled |
|---------------------|------------|--------|
| Assistant Professor | 01 | 01 |

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 | Head, Department of History | M.A., B.Ed., M.Phil., Ph.D. | 17 Years | Permanent |

4. Diversity of Faculty

| From the same university | From other universities with in the State | From other States | From outside the country |
|--------------------------|---|-------------------|--------------------------|
| 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 | 488 | 276 | 300 | 116 | 160 | 276 |
| PG | - | - | - | - | - | - |

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 |
|-----------------------|---------------------------------------|--|---|------------------------------------|
| | | | | |



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| | | | | |
|----|--|-----|----|---|
| BA | | 268 | 08 | 0 |
|----|--|-----|----|---|

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**
Books- 3950
Journals - 4
- Online (books, journals etc.) Subscribed - Through resources** Inflibnet ,The American Library
- Computers and Internet facilities for staff** - 1 laptop and free Internet
- Total number of classrooms** - 03
- Classrooms with ICT facility** -03
- Students' laboratory**
- Research laboratories** -
- Any other facility**

10. Department-wise Purchase Budget and expenditure details:

| Items | Estimate Budget | Consumables | Non-consumables |
|---------------------|-----------------|-------------|-----------------|
| Meeting Expense | 3000 | 3000 | - |
| Stationary expenses | 500 | 500 | - |
| Total | 3500 | 3500 | - |

11. Laboratory Facilities

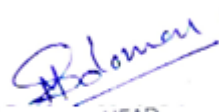
Items Procured- 2020-21

| 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.

Signature:


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


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

Date: 28.10.2021

Name: Dr. Manju Maria Solomon



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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 FINAL YEAR | III/IV semester | Core Electives: 1. American Literature 2. Indian Writings in English Open Electives: 1. Fundamentals of Communication (MA III Sem.) 2. Trends and Techniques of Open Communication (MA IV Sem.) |

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

| Program | Year /sem | Course | Activity |
|---------|-----------|--------------------|---------------------------------------|
| MA | III sem | English Literature | Projects/ Skill Development |
| FE | I/II/III | Functional English | Practicals/ Practice sessions on LSRW |

c. While framing curriculum, is feed-back taken from stakeholders viz. Students, Alumni, Parents, Employers: YES

d. Number of teachers preparing & following Academic Teaching plan: 5

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

Bridge courses

| Program | Course | Subject | Teacher In-charge | No. of Students benefitted |
|---------|--------------------|---------|---------------------------------|----------------------------|
| BA I | Functional English | English | Dr. Niharika Singh | 19 |
| BA I | Functional English | English | Dr. Niharika Singh | 18 |
| MA I | English | English | Dr. Niharika Singh | 19 |
| MA I | English | English | Dr. Niharika Singh | 17 |
| MA I | English | English | Dr. Niharika Singh | 17 |
| MA I | English | English | Dr. Mary Raymer | 15 |
| MA I | English | English | Dr. Mary Raymer | 18 |
| MA I | English | English | Dr. Mary Raymer | 14 |
| MA I | English | English | Dr. Mary Raymer | 13 |
| MA I | English | English | Dr. Aparna Mukherjee Chatterjee | 14 |
| MA I | English | English | Dr. Aparna Mukherjee Chatterjee | 16 |
| BA I | Functional English | English | Dr. Aparna Mukherjee Chatterjee | 19 |



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| | | | | |
|------|---------|---------|---------------------------------|----|
| BA I | English | English | Dr. Aparna Mukherjee Chatterjee | 74 |
| BA I | English | English | Dr. Aparna Mukherjee Chatterjee | 74 |
| MA I | English | English | Dr. Aparna Mukherjee Chatterjee | 16 |
| MA I | English | English | Dr. Aparna Mukherjee Chatterjee | 17 |
| MA I | English | English | Dr. Aparna Mukherjee Chatterjee | 18 |
| MA I | English | English | Dr. Aparna Mukherjee Chatterjee | 14 |
| MA I | English | English | Dr. Aparna Mukherjee Chatterjee | 18 |
| BA I | English | English | Dr. Aparna Mukherjee Chatterjee | 77 |
| BA I | English | English | Dr. Aparna Mukherjee Chatterjee | 76 |
| BA I | English | English | Dr. Aparna Mukherjee Chatterjee | 68 |
| BA I | English | English | Dr. Neelanjana Pathak | 74 |
| BA I | English | English | Dr. Neelanjana Pathak | 74 |
| BA I | English | English | Dr. Neelanjana Pathak | 77 |
| BA I | English | English | Dr. Neelanjana Pathak | 77 |
| BA I | English | English | Dr. Neelanjana Pathak | 68 |
| BA I | English | English | Dr. Neelanjana Pathak | 68 |
| BA I | English | English | Dr. Neelanjana Pathak | 74 |
| BA I | English | English | Dr. Neelanjana Pathak | 74 |
| MA I | English | English | Dr. Neelanjana Pathak | 14 |
| MA I | English | English | Dr. Neelanjana Pathak | 16 |
| MA I | English | English | Dr. Neelanjana Pathak | 17 |
| MA I | English | English | Dr. Neelanjana Pathak | 16 |
| MA I | English | English | Dr. Soma Guha Das | 14 |
| MA I | English | English | Dr. Soma Guha Das | 17 |
| MA I | English | English | Dr. Soma Guha Das | 16 |
| MA I | English | English | Dr. Soma Guha Das | 13 |

Remedial Course

| Program | Year / Sem | Course | Subject | Teacher In-charge | No. of Students benefitted |
|---------|------------|--------------------|--|--|----------------------------|
| BA | I | Functional English | Phonetics & Spoken English | Dr. Niharika Singh | 10 |
| BA | II | Functional English | Functional Grammar & Writing Skills | Dr. Niharika Singh Dr. Mary Raymer | 12 |
| BA | III | Functional English | Writing Skills & Conversational Skills | Dr. Neelanjana Pathak Dr. Soma Guha Das | 12 |
| BA | I | English Literature | Prose | Dr. Neelanjana Pathak | 27 |
| BA | II | English Literature | Drama & Fiction | Dr. Niharika Singh Dr. Soma Guha Das | 25 |
| BA | III | English Literature | Contemporary Literature | Dr. Mary Raymer | 45 |

f. What is the method for conducting internal evaluation?

Internal Evaluation in BA is conducted at two levels: quarterly and half yearly and in MA internals are decided by the teacher in charges of papers and conducted only once. At both levels the subject teacher is free to make a choice of mode of conduction of internal evaluation as per the directives issued by the MP government.



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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 |
|--|--|-------------------|------------------------|
| 1. Alumna Lecture | Ms. Neha Mahawar, Alumni | November 20, 2020 | 58 |
| 2. Guest Lecture | Mrs. Roma Dubey, Volunteer - Baker Elementary School California, USA . | March 15, 2021 | 52 |

- h. **Teaching and learning reforms:** Teaching was conducted via Online/virtual medium all through the year. Each faculty of the department has recorded more than forty lectures to be uploaded on the College website for students. Students were exposed to International webinar and guest lectures. Students were asked to write book and movie reviews.

- a. **Internal Assessment reforms:** Internal examinations were conducted through online google classrooms, test (google form), text-based video clips and peer teaching.

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

| Number of Teachers | Sanctioned | Filled |
|--------------------|------------|--------|
| 5 | 6 | 5 |

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

| Name of the teachers | Participation in Curriculum Development |
|--|--|
| Dr. Niharika Singh | Board of Studies Member, Rani Duagavti Vishwavidyalaya, Jabalpur |
| Dr. Mary Raymer Dr. Niharika Singh | Designed course content of Value Added course on Proficiency in English-LSRW |
| Dr. Mary Raymer | Designed course content of Value Added course on Spoken English |
| Dr. Neelanjana Pathak Dr. Soma Guha Das | Designed course content of Honing LSRW skills in English Communication(Proposed value added Course) |

6. Courses conducted in collaboration with Industries and Institutions:

| Programme/Course | Industry/Institution | Activity (internship/project/field work / any other) |
|------------------|----------------------|---|
| MA | Kevin's Language Lab | Assignment Based Activities, Mock Interviews, Public Speaking |



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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 |
| MA | Choice Based Credit System (CBCS) |

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

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

9. Research Publications

| Name of Teacher | Papers published in peer reviewed journals |
|-----------------------|--|
| Dr. Neelanjana Pathak | <ul style="list-style-type: none"> Published a review titled "Flowering Buds fragrances from a Colourful Bouquet of Poems" <i>Poetic Thoughts of Ishika Bansal Appraisals</i> ed. Rajiv Khandelwal, GLOBAL FRATERNITY OF POETS, ISBN 9788194705208, August 2020, (14-18). Published a review titled "A Critical Appraisal of Ishika Bansal's Threads of Life & My Diary and Other Poems", <i>International Journal on Multicultural Literature</i>, Vol. 10, July,2020, ISSN 2231-6248 Published by Dr. K.V. Dominic, Kerala: 2020, (57-60). |
| Dr. Niharika Singh | <ul style="list-style-type: none"> Published a Research paper titled "Psalms as Spiritual Confessions : Re-Reading Latter Day Psalms 06" in <i>LANGLIT: An International Peer-Reviewed Open Access Journal</i>, Vol. 7 Issue 4 June 2021, ISSN 2349-5189, Pg 47-52. Impact Factor 5.61 Published a Research Paper titled "Hypocrisy in The Man in Black: A Critical Analysis" in <i>Shanlax International Journal of English</i> P-ISSN: 2320-2645 E-ISSN: 2582-3531-Vol. 9, No.3, June 2021, Impact Factor 5496 |
| Dr. Soma Guha Das | <ul style="list-style-type: none"> "Feministic Consciousness in Shobha De's <i>Starry Nights</i> and <i>Sisters</i>" in <i>An International Multidisciplinary Quarterly Bilingual peer Reviewed Refereed Research Journal VOL. 7, Issue 28, Oct-Dec 2020</i> ISSN-2348-2397 (UGC Carelist) |

10. Number of publications

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

11. Chapter in Books



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| Author Name | Name of Book |
|-------------|---|
| - | Health and Hygiene during Covid- 19 Pandemic, Feminsm and Feminine Mental Health: A Psychoanalytical Study of the Novels of Shashi Deshpande, ISBN NO. 9789387899070. Pg no.243-246 |

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 | Dr. Niharika Singh | Coordinator (Course in French) | Rs. 28,750 |
| 2 | Dr. Mary Raymer | Coordinator & Language Facilitator (Proficiency in English- LSRW) | Rs. 28,500 |
| 3 | Dr. Mary Raymer | Coordinator & Language Facilitator (Spoken English) | Rs. 12,500 |

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. Neelanjana Pathak | Keynote Speaker at National Webinar on "Fostering Effective Communication Skills" organised by Govt. PG. College, Tikamgarh. M.P. |
| | | Resource Person in International E-Symposium on "Disasters and Literature" organised by Bombay University . |
| 2 | Dr. Mary Raymer | Invited talk on Anger Management by Seoni Government College , M.P. |
| | | Resource Person EXCHANGE PROGRAMME -MAKE A BOND WITH RUSKIN BOND- THROUGH HIS SHORT STORIES, Sophia Girls College, Ajmer (Rajasthan) |

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 | 0 | 0 |
| Orientation | 0 | 0 |



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| | | |
|---------------------------------|----|----|
| Seminar/Conference | 04 | 04 |
| Workshop/FDP/Training Programme | 04 | 04 |
| Paper presentation | 01 | 0 |

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

| S. No. | Name of the Faculty | Members of committees |
|--------|-----------------------|---|
| 1 | Dr. Neelanjana Pathak | RDVV, BOS Member, Department of English |

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

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

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

| Name of Faculty | Awards/Recognition received | Recognition Bodies |
|-----------------|-----------------------------|--------------------|
| Dr. Mary Raymer | ADG Commendation | DGNCC, Delhi |

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 | Vaishnavi Singh Kansana | Best Speaker | Inter Collage National Level Debate Competition organized by U.S Consulate, Mumbai |

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: 0



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24. Subject-wise Results

UG First year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|--|-------------------|------|------|------|----------------------|
| 1 | BA/English. Literature | 120 | 120 | 0 | 0 | 100% |
| 2 | BA/Functional English- | 31 | 31 | 0 | 0 | 100% |
| 3 | BA/Foundation Course (Paper II)English language | 247 | 247 | 0 | 0 | 100% |
| 4 | BSc/ Foundation Course Paper –II English Language | 276 | 276 | 0 | 0 | 100% |
| 5 | BCOM/ Foundation Course Paper –II English Language | 1019 | 1019 | 0 | 0 | 100% |
| 6 | BCA/ Foundation Course Paper –II English Language | 49 | 49 | 0 | 0 | 100% |
| TOTAL-----> | | 1742 | 1742 | 0 | 0 | 100% |

UG Second year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|--|-------------------|------|------|------|----------------------|
| 1 | BA/ English. Literature | 80 | 8080 | 0 | 0 | 100% |
| 2 | BA/Functional English | 45 | 45 | 0 | 0 | 100% |
| 3 | BA/Foundation Course (Paper II)English language | 246 | 246 | 0 | 0 | 100% |
| 4 | BSc/ Foundation Course Paper –II English Language | 370 | 370 | 0 | 0 | 100% |
| 5 | BCOM/ Foundation Course Paper –II English Language | 867 | 867 | 0 | 0 | 100% |
| 6 | BCA/ Foundation Course Paper –II English Language | 48 | 48 | 0 | 0 | 100% |
| TOTAL-----> | | 1656 | 1656 | 0 | 0 | 100% |

UG Third year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------|------------------------|-------------------|------|------|------|----------------------|
| 1 | BA/English. Literature | 97 | 97 | 0 | 0 | 100% |
| 2 | BA/Functional English- | 18 | 18 | 0 | 0 | 100% |



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| | | | | | | |
|-------------|--|------|------|-----|-----|------|
| 3 | BA/Foundation Course (Paper II) English language | 215 | 215 | 0 | 0 | 100% |
| 4 | BSc/ Foundation Course Paper –II English Language | 395 | 395 | 0 | 0 | 100% |
| 5 | BCOM/ Foundation Course Paper –II English Language | 929 | 929 | 0 | 0 | 100% |
| 6 | BCA/ Foundation Course Paper –II English Language | 60 | 60 | 0 | 0 | 100% |
| TOTAL-----> | | 1714 | 1714 | Nil | Nil | 100% |

PG First semester

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

PG Second semester

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

PG Third semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|--------------------|-------------------|------|------|------|----------------------|
| English Literature | 18 | 18 | 0 | 0 | 100% |

PG Fourth semester

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|--------------------|-------------------|------|------|------|----------------------|
| English Literature | 18 | 18 | 0 | 0 | 100% |



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ADMINISTRATIVE AUDIT

1. Department-wise Student Teacher Ratio: 1:31
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. Neelanjana Pathak | Head | NET, Ph.D | Teaching- 36 years Research -20 years | Confirmed |
| Dr. Niharika Singh | Assistant Professor | MA, DCA, M.PHIL, Ph.D | Teaching-13 years Research -11 years | Confirmed |
| Dr. Mary Raymer | Assistant Professor | MA, Ph.D | Teaching- 10 years Research - 10 years | Confirmed |
| Dr. Soma Guha Das | Assistant Professor | MA, M.PHIL, Ph.D | Teaching-10 years Research - 10 years | Confirmed |
| Dr. Aparna Mukherjee Chatterjee | Assistant Professor | MA, M.PHIL, Ph.D | Teaching- 13 years Research- 10 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 | - | 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 | 488 | 276 | 300 | 116 | 160 | 276 |
| PG | 35 | 30 | 30 | 05 | 25 | 30 |

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 |
|-----------------------|--|--|---|------------------------------------|
| UG(BA) | - | 268 | 08 | Nil |
| PG | 88.88% | - | 11.11% | 0 |

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

| Programme | % proceeded for higher studies | % of students placed |
|-----------|--------------------------------|----------------------|
| UG | 37% (approx) | - |
| PG | 22%(approx) | 33.33% |

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, through E-resources, INflibnet, Delnet, the American Library PDFCHM. NE
- Computers and Internet facilities for staff: Inflibnet, Wi-Fi Facility, Laptops
- Total number of class rooms: Two Classrooms and one Language Lab
- Class rooms with ICT facility: ALL
- Students' laboratory: Language Lab
- Research laboratories: Language Lab
- Any other facility : 0

10. Department-wise Purchase Budget and expenditure details:

| Items | Estimate Budget(Rs) | Consumable | Total |
|-------------------------------|---------------------|------------|-------|
| Meeting Expense | Rs – 4000/- | 0 | 0 |
| Practical Examination Expense | Rs- 0 | - | - |
| Stationary Expense | Rs- 500/- | - | - |

11. Laboratory Facilities

Items Procured- 2020-21

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

Signature

Date: 29.10.2021

Name: Dr. Neelanjana Pathak

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



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ACADEMIC AUDIT

1. Name of the Department: Hindi

2. Year of establishment: 1951

3. Curricular Aspects:

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

| Program | Semester / year | Electives |
|---------|-----------------|-----------|
| - | - | - |

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

| Program | Year /sem | Course | Activity |
|---------|---------------|--|--|
| B.A. | I,II,III Year | Functional Hindi (employability / entrepreneurship) | <ul style="list-style-type: none">➤ Reporting➤ Advertisements➤ Translation➤ Official Letters➤ Entrepreneurship➤ Interpreter➤ Short Hand Writing➤ Feature Writing➤ Tele Drama |
| All UG | I,II,III Year | Certificate Course on Karyalaya evam Jansanchar Karyavidhi (employability) | <ul style="list-style-type: none">➤ Drafting➤ Noting➤ News Writing➤ Proof Reading➤ News Reading➤ Advertisement➤ Photography |
| All UG | I,II,III Year | Skill development program – Abhivyakti Kala ka Vikas | <ul style="list-style-type: none">➤ Reading Practice➤ Pronunciation of Sounds➤ Speech Practice |

c. While framing curriculum, is feed-back taken from stakeholders viz. Students, Alumni, Parents, Employers: Yes

d. Number of teachers preparing & following Academic Teaching plan: 04

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 |
|------------------------|----------------------|----------------------------------|--------------------------|----------------------------|
| B.A. I, B.Sc, B.Com | FC- I | Hindi Bhasha aur Naitik Mulya | Dr. Ramendra Prasad Ojha | 130 |
| B.Com I, App Eco, Hons | FC- I | Hindi Bhasha aur Naitik Mulya | Dr. Ramendra Prasad Ojha | 241 |
| B.Com I, Tax, Comp. | FC- I | Hindi Bhasha aur Naitik Mulya | Dr. Ramendra Prasad Ojha | 245 |
| B.A. I | Hindi Literature- I | Pracheen evam Madhyakaleen Kavya | Dr. Reena Thomas | 07 |
| B.A. I | Hindi Literature- II | Hindi Katha Sahitya | Dr. Abhilasha Shukla | 07 |
| B.A. I | Functional Hindi- I | Rajbhasha evam Karyalayeen Hindi | Dr. Ramendra Prasad Ojha | 03 |
| B.A. I | Functional Hindi- II | Vyavharik Hindi evam Anuvad | Dr. Carolin Saini | 03 |

Remedial Course

| Program | Year / Sem | Course | Subject | Teacher In-charge | No. of Students benefitted |
|--------------------------------------|------------|--------|----------------|----------------------|----------------------------|
| All UG (Non Hindi Speaking Students) | 2020 | F.C. I | Hindi Language | Dr. Abhilasha Shukla | 12 |

f. What is the method for conducting internal evaluation?

- Test
- PPT presentation

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

| Title of Programme (Guest Lecture /Seminar/Workshop) | Expert Person | Date | Number of Participants |
|--|----------------------|------------|------------------------|
| Guest Lecture | Mr. Shailendra Rai | 29.12.2020 | 26 |
| Guest Lecture | Mr. Arun Kumar Patel | 30.12.2020 | 26 |

h. Teaching and learning reforms: Nil

i. Internal Assessment reforms: On line Power Point Presentation

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

| Number of Teachers | Sanctioned | Filled |
|--------------------|------------|--------|
| 04 | 04 | 04 |



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

| Name of the teachers | Participation in Curriculum Development |
|----------------------|---|
| Dr. Carolin Saini | Member, BOS Hindi, RDVV, Jabalpur |

6. Courses conducted in collaboration with Industries and Institutions:

| Programme/Course | Industry/Institution | Activity (internship / project/field work / any other) |
|---|---|--|
| B.A. I, II, III | Raj Express, Jabalpur, Tripuri Times | field work |
| All UG (Certificate Course on Karyalaya evam Jansanchar Karyavidhi) | Arun Photo Studio, Jabalpur | field work |

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

| Programme | Examination System |
|-----------|--------------------|
| B.A. | Annual |

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

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

9. Research Publications

| Name of Teacher | Papers published in peer reviewed journals |
|------------------|---|
| Dr. Reena Thomas | Vidharthiyon ke Charit gathan ke Sandarbh mein Tiruvalluvar evam Kabeer ke Vicharon ka Anusheelan, <i>Meerayan</i> , Meera Smriti Sansthan, Chittorgarh, Rajasthan (UGC Care List Journal for Indian Languages, S. No. 62), ISSN- 2455-6033, June-August 2021 |

10. Number of publications- NA

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



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11. Chapter in Books

| Author Name | Name of Book |
|-------------------|---|
| Dr. Carolin Saini | Research paper titled "Janjatiyo May Vilopth Godana Kala - Baga Janjatiyo Kay Sandrab me" was published in book titled Janjatiya Sahitya Sanskriti Evam Samvedna ISBN Number 978-81-948982-2 on 14 Sep 2020 |
| Dr. Reena Thomas | Aatmanirbhar Bharat hetu Samajik Punarrachna mein Sahitya ki Bhumika, Editors- Mrs. Roshni Dwivedi, Mrs Rati Rai, Rakhi Prakashan Pvt. Ltd., ISBN : 93-82331-88-3 |

12. Edited Books

| Author Name | Book Titled |
|----------------------|---|
| Dr. Abhilasha Shukla | Vividh Roopa Hindi, ISBN No. – 978-93-84899-84-4, Published by Vishwa Hindi Sahitya Parishad, New Delhi, 2021 |

13. Self-Authored Book - Nil

| Author Name | Book Titled |
|-------------|-------------|
| - | - |

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

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

15. Consultancy services provided:

| S. No | Name of the teacher | Nature of consultancy | Funds generated |
|-------|--------------------------|---|-----------------|
| 1 | Dr. Ramendra Prasad Ojha | Certificate Course 2021- Karyalaya evam Jansanchar Karyavidhi (Out sider Students – 7x500) | 3500 |

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

| S. No | Name of the teacher | Programme |
|-------|--------------------------|--|
| 1 | Dr. Ramendra Prasad Ojha | Chair person in International Seminar on "Aatmanirbhar Bharat hetu Samajik Punarrachna mein Sahitya ki Bhumika" organized by RDVV Jbp & St. Aloysius Institute of Technology Gour Jabalpur M.P. held on 6 th -8 th July 2020 |
| 2 | Dr. Carolin Saini | Chair person in International Seminar on "Aatmanirbhar Bharat hetu Samajik Punarrachna mein Sahitya ki Bhumika" organized by RDVV Jbp & St. Aloysius Institute of Technology Gour Jabalpur M.P. held on 6 th -8 th July 2020 |



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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 | Nil | Nil |
| Orientation | Nil | Nil |
| Seminar/Conference | Seminar -05 | Conference- 1 |
| Workshop/FDP/Training Programme | Workshop- 03 FDP- 07 Training Programme- 02 | - |
| Paper presentation | 07 | - |

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

| S.No. | Name of the Faculty | Members of committees |
|-------|---------------------|---|
| 1 | Dr. Carolin Saini | Christian Writers Forum, Jabalpur, M.P. |

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

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

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

| Name of Faculty | Awards/Recognition received | Recognition Bodies |
|--------------------------|---|-----------------------------------|
| Dr. Ramendra Prasad Ojha | Received appreciation Certificate "Corona Karmaveer Samman- 23 March 2021". | Rashtra Srijan Abhiyan, New Delhi |

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

Curricular activities: Nil

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

Co-curricular: Nil

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



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

| S. No | Name of Conference/ Seminars / Workshops/FDP | Funding agency | No. of Participants | State/National/ International | Dates |
|-------|--|----------------|---------------------|-------------------------------|------------------|
| 1 | National Seminar on "Indra Bahadur Khare ki Rachnao mein Mulya Bodh" | Self | 73 | National | 19-20 March 2021 |

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

24. Subject-wise Results

UG First year

| S.NO. | GROUP /Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------------|--|-------------------|------|------|------|----------------------|
| 1 | B.A. I year (FC – I, Hindi Language) | 249 | 249 | Nil | Nil | 100% |
| 2 | B.Sc. I year, Math (FC – I, Hindi Language) | 277 | 277 | Nil | Nil | 100% |
| 3 | B.C.A. I year (FC – I, Hindi Language) | 49 | 49 | Nil | Nil | 100% |
| 4 | B.Com. I year, App. Eco.(FC – I, Hindi Language) | 338 | 338 | Nil | Nil | 100% |
| 5 | B.Com. I year, Hons. (FC – I, Hindi Language) | 121 | 121 | Nil | Nil | 100% |
| 6 | B.Com. I year, Tax (FC – I, Hindi Language) | 302 | 302 | Nil | Nil | 100% |
| 7 | B.Com. I year, Comp. (FC– I, Hindi Language) | 250 | 250 | Nil | Nil | 100% |
| 8 | B.A. I year (Hindi Literature– I) | 23 | 23 | Nil | Nil | 100% |
| 9 | B.A. I year (Hindi Literature– II) | 23 | 23 | Nil | Nil | 100% |
| 10 | B.A. I year (Functional Hindi– I) | 6 | 6 | Nil | Nil | 100% |
| 11 | B.A. I year (Functional Hindi– II) | 6 | 6 | Nil | Nil | 100% |
| TOTAL-----> | | 1644 | 1644 | Nil | Nil | 100% |

UG Second year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|-------|---------------|-------------------|------|------|------|----------------------|
|-------|---------------|-------------------|------|------|------|----------------------|



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| | | | | | | |
|-------------|---|------|-----|-----|-----|------|
| 1 | B.A. II year (FC – I, Hindi Language) | 248 | 248 | Nil | Nil | 100% |
| 2 | B.Sc. II year, Math (FC – I, Hindi Language) | 269 | 269 | Nil | Nil | 100% |
| 3 | B.C.A. II year (FC – I, Hindi Language) | 48 | 48 | Nil | Nil | 100% |
| 4 | B.Com. II year, App. Eco.(FC – I, Hindi Language) | 282 | 282 | Nil | Nil | 100% |
| 5 | B.Com. II year, Hons. (FC – I, Hindi Language) | 96 | 96 | Nil | Nil | 100% |
| 6 | B.Com. II year, Tax (FC – I, Hindi Language) | 260 | 260 | Nil | Nil | 100% |
| 7 | B.Com. II year, Comp. (FC– I, Hindi Language) | 229 | 229 | Nil | Nil | 100% |
| 8 | B.A. II year (Hindi Literature– I) | 24 | 24 | Nil | Nil | 100% |
| 9 | B.A. II year (Hindi Literature– II) | 24 | 24 | Nil | Nil | 100% |
| 10 | B.A. II year (Functional Hindi– I) | 10 | 10 | Nil | Nil | 100% |
| 11 | B.A. II year (Functional Hindi– II) | 10 | 10 | Nil | Nil | 100% |
| TOTAL-----> | | 1500 | | Nil | Nil | 100% |

UG Third year

| S.NO. | GROUP/Subject | STUDENTS APPEARED | PASS | ATKKT | FAIL | PERCENTAGE OF RESULT |
|-------|--|-------------------|------|-------|------|----------------------|
| 1 | B.A. III year (FC – I, Hindi Language) | 212 | 212 | Nil | Nil | 100% |
| 2 | B.Sc. III year, Math (FC – I, Hindi Language) | 395 | 395 | Nil | Nil | 100% |
| 3 | B.C.A. III year (FC – I, Hindi Language) | 60 | 60 | Nil | Nil | 100% |
| 4 | B.Com. III year, App. Eco.(FC – I, Hindi Language) | 292 | 292 | Nil | Nil | 100% |
| 5 | B.Com. III year, Hons. (FC – I, Hindi Language) | 96 | 96 | Nil | Nil | 100% |
| 6 | B.Com. III year, Tax (FC – I, Hindi Language) | 316 | 316 | Nil | Nil | 100% |
| 7 | B.Com. III year, | 224 | 224 | Nil | Nil | 100% |



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| | | | | | | |
|-------------|-------------------------------------|------|------|-----|-----|------|
| | Comp. (FC- I, Hindi Language) | | | | | |
| 8 | B.A. III year (Hindi Literature-I) | 29 | 29 | Nil | Nil | 100% |
| 9 | B.A. III year (Hindi Literature-II) | 29 | 29 | Nil | Nil | 100% |
| 10 | B.A. III year (Functional Hindi-I) | 09 | 09 | Nil | Nil | 100% |
| 11 | B.A. III year (Functional Hindi-II) | 09 | 09 | Nil | Nil | 100% |
| TOTAL-----> | | 1671 | 1671 | Nil | Nil | 100% |

PG First semester –

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|---------|-------------------|------|------|------|----------------------|
| - | - | - | - | - | - |

PG Second semester – N.A.

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|---------|-------------------|------|------|------|----------------------|
| - | - | - | - | - | - |

PG Third semester – N.A.

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|---------|-------------------|------|------|------|----------------------|
| - | - | - | - | - | -- |

PG Fourth semester – N.A.

| Subject | STUDENTS APPEARED | PASS | ATKT | FAIL | PERCENTAGE OF RESULT |
|---------|-------------------|------|------|------|----------------------|
| - | - | - | - | - | - |



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1. Department-wise Student Teacher Ratio: 01:31

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

| Designation | Sanctioned | Filled |
|---------------------|------------|--------|
| Assistant Professor | 04 | 04 |

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

| Name | Designation | Qualifications | Teaching/Research Experience | Nature of Post |
|--------------------------|---------------------|--------------------------------|------------------------------|----------------|
| Dr. Ramendra Prasad Ojha | Assistant Professor | M.A.,NET, Ph.D. | 25 | Confirmed |
| Dr. Carolin Saini | Assistant Professor | M.A.,M.Phil., Ph.D. | 28 | Confirmed |
| Dr. Reena Thomas | Assistant Professor | M.A., SET, NET, M.Phil., Ph.D. | 14 | Confirmed |
| Dr. Abhilasha Shukla | Assistant Professor | M.A., Ph.D. | 18 | Confirmed |

4. Diversity of Faculty

| From the same university | From other universities with in the State | From other States | From outside the country |
|--------------------------|---|-------------------|--------------------------|
| 03 | Nil | 01 | Nil |

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 (B.A.) | 488 | 276 | 300 | 116 | 160 | 276 |

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 |
|-----------------------|--|--|---|------------------------------------|
|-----------------------|--|--|---|------------------------------------|



St. Aloysius College, 1, Ahilya Bai Marg, Pentinaka Chowk, Sadar, Cantt, Jabalpur, Madhya Pradesh, INDIA 482001



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ST. ALOYSIUS' COLLEGE

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College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT

ACADEMIC & ADMINISTRATIVE AUDIT

Year 2020-21

| | | | | |
|-------------------------|----|---|---|---|
| B.A. (Hindi Literature) | 77 | - | - | - |
| B.A (Functional Hindi) | 25 | - | - | - |

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

| Programme | % proceeded for higher studies | % of students placed |
|-------------------------|--------------------------------|----------------------|
| B.A. , Hindi Literature | 3.4% | - |
| B.A., Functional Hindi | - | 44.44% |

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

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

i. Books - 5851

ii. Journals - 03

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

c. Computers and Internet facilities for staff : One Desktop and two Laptop with Internet Facilities

d. Total number of class rooms

i. Foundation Course - 21

ii. Hindi Literature - 03

iii. Functional Hindi - 02

e. Class rooms with ICT facility - All

f. Students' laboratory - N.A.

g. Research laboratories - N.A.

h. Any other facility

10. Department-wise Purchase Budget and expenditure details:

| Estimate Budget (Rs.) | Non-Recurring | Consumable | Total |
|--|---------------|------------|-------|
| Stationary – 1700 Printer toner - 800 | - | 2500 | 2500 |

11. Laboratory Facilities – N.A.

Items Procured- 2020-21

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



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ACADEMIC & ADMINISTRATIVE AUDIT

Year 2020-21

Declaration by the Head of the Department

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

Signature -

Date: 20.10.2021

Name - Dr. Ramendra Prasad Ojha

PRINCIPAL

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



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ADMINISTRATIVE AUDIT

Year 2020-21

Central Instrumentation Lab

Staff Profile

| S. No | Name | Posts | Experience |
|-------|------------------|--|--|
| 1 | Dr. Manju Gupta | Women Scientist | Teaching- 17 Years Research- 15 Years |
| 2. | Dr. Mamta Gohale | Asst. Prof. & Coordinator, IC & DIC, SAC | Teaching- 15Years Research- 16 Years |
| 3. | Mr. Manoj Sahu | Lab Attended | 6 Years |

Projects details

| S. No | Name of the Faculty | Name of the Project |
|-------|---------------------|--|
| 1 | Dr. Mamta Gokhale | Bio design Innovation Center, Sponsored by MHRD, New Delhi (from 2015-16) |
| 2 | Dr. Manju Gupta | WOS- A Sponsored by Department of Science & Technology, New Delhi (from 2017-18) |

Infrastructure Facilities (procured 2020-21)

| Item | Configuration | Cost |
|------|---------------|------|
| - | - | - |

Achievements

1. **Lantocide** : Prototype in the state of marketing. Received appreciation and grant of **Rs. 10,000/-** from Jabalpur Incubation Center
2. **OB Cubes**: Prototype received the grant of **5 Lakhs** from Jawaharlal Nehru Krishi Vishva Vidyalaya, Jabalpur, M.P.

MOA

1. Under the banner of MOA signed between St. Aloysius College, Jabalpur and JNKVV, Jabalpur, 5 students of DIC, SAC have been selected for PRERNA 2.0 - Agripreneurship Orientation Programme (AOP), organised by Jawahar R-ABI, IABM, JNKVV, Jabalpur for their innovative prototypes.
2. Dr. Mamta Gokhale Co-ordinator, Bio-design Innovation Center & Incubation Center, SAC has been appointed as Mentor of these students by Jawahar R-ABI, IABM, JNKVV.



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ADMINISTRATIVE AUDIT

Year 2020-21

Company registration under process-

Individual company has been registered by each of the selected student and all of them successfully presented their cash flow charts and other required information in front of the committee members in scheduled meetings organized by **Jawahar R-ABI, IABM, JNKVV**. for further progress. Details of companies is given in the table below-

| S. No. | Producer Students & Class | Prototypes | Name of Company registered by students | Reference No. allotted by MSME, Govt. of India |
|--------|---|------------|--|--|
| 1. | Riya Gupta (M.Sc. Biotech) | Ri-fresher | Ratna Herbals | Ref. no. awaited |
| 2. | Isha Deshpande (M.Sc. Microbiology) | OB Cubes | SONORO | UDYAM-MP-24-0002951 |
| 3. | Kashish Agrawal (B.Sc. I year Biotech) | Lantocide | Spread Herb | UDYAM-MP-24-0002791 |
| 4. | Rumana Faraz (Ph.D. Scholar, Dept. Of Botany & Microbiology), | Bio FI | Think Organic | UDYAM-MP-24-0002921 |
| 5. | Shraddha Haldkar (B.Sc. I year IMB), | Aloe Wipes | Herbal Creation | UDYAM-MP-26-0000856 |

Declaration by the Head of the Department

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



Seal & Signature of CIL In-charge

Date: 26.10.2021

Dr. Manju Gupta



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ADMINISTRATIVE AUDIT

Year 2020-21

Examination Cell

Staff Profile

| S. No | Name | Post |
|-------|-----------------------------|---|
| 1 | Dr. Fr. G. Vazhan Arasu | Principal & Chief Controller of Examination |
| 2 | Dr. Mrs. Anjali D'Souza | Controller of Examination |
| 3 | Dr. Vishwas Patel | Deputy Controller of Examination |
| 4 | Dr. Sonali Nigam | Custodian |
| 5 | Dr. Anthonima Kenneth Robin | Custodian |
| 6 | Mr. Tej Rao Soni | Office Assistant |
| 7 | Mrs. Annie Jaison | Office Assistant |
| 8 | Mr. Brain Clayton | Office Assistant |
| 9 | Mrs. Martha Mathew | Office Assistant |
| 10 | Mr. Sandeep Jhariya | Class-IV |
| 11 | Mr. Mohan Markam | Class-IV |

Infrastructure

Exam Cell- consisting 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

Examination Pattern

| S. No | Programme | Subjects | Examination | Marks |
|-------|--------------|--|----------------|-------|
| 1 | B.Sc. | Foundation Course, Physics, Chemistry, Botany, Zoology, Biotechnology, Industrial Microbiology | Annual Pattern | 80 |
| 2 | B.Sc. | Foundation Course, Math, Computer Science, Physics, Electronics, Computer Application, Economics | Annual Pattern | 80 |
| 3 | BA | Foundation Course, Economics, Pol. Science, History, Eng. Literature, Hindi Literature, Functional English, Functional Hindi, Computer Application | Annual Pattern | 80 |
| 4 | B.Com | Foundation Course, Accounting, Business Management, Applied Economics, Tax Procedure and practice, Computer Application | Annual Pattern | 80 |
| 5 | B.Com (Hons) | Six Papers | Annual Pattern | 80 |



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ADMINISTRATIVE AUDIT

Year 2020-21

| | | | | |
|-----|-------|--|----------------|----|
| 6 | BCA | Eight Papers | Annual Pattern | 80 |
| 7 | BBA | Six Papers | Annual Pattern | 40 |
| 8 | MSc | Math's, Chemistry, Zoology, Biotechnology, Microbiology, Computer Sci. | Semester | 40 |
| 9 | MA | Economics, Pol.Science, Eng. Literature | Semester | 40 |
| 10. | M.Com | All subjects | Semester | 40 |

Examination reforms-

Due to the Pandemic the guidelines of the MP Higher Education were followed, Open Book Exam was conducted. A time schedule for uploading question papers and submission dates were announced. The results were processed as follows:

UG courses

Final Year – 25% of 1yr + 25% of 2 yr + 50% of OBE

Second Year- 50% of 1yr + 50% of OBE

First Year – 100% of OBE

PG courses

Sem II - 50% of Sem I + 50% of OBE

Sem IV- 16% of Sem I + 16% of Sem II + 18% Of Sem III + 50% of OBE

The processing of result was a tedious task, as the percent marks of each paper of every subject was calculated, the CCE marks were calculated separately. Meritorious Students were not satisfied with marks obtained, however the average and below average students benefitted. Students who could not score for genuine reasons in their previous exams and wished to improve could not do so. The presentation and performance of the students was lacking.

Digital Evaluation System

Pre Exam-

- Board of Studies: Prepares the list of qualified examiners
- Exam Committee: Prepares the Panel of Examiners
- Paper setting by Appointed Examiners
- Selection of Question Paper(s) by Principal
- Moderation of Question paper
- Typing, Proof reading & Printing of Question Papers

Pre Exam process for students-



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ADMINISTRATIVE AUDIT

Year 2020-21

- Display of examination fee and schedule for submission
- Allotment of Subject Codes (Theory/Practical/CCE)
- Generation of students' roll list
- Display of tentative and final time table of the examination
- Generation of admit cards and downloading by the students

Pre Exam Process - Conduction of Exam-

- Appointment of Assistant Superintendents
- Preparation of list of Invigilators and flying squads
- Preparation of answer sheets with OMR cover page
- Preparation of seating plan
- Logistics like attendance sheets and answer scripts prepared
- Provision to read Barcode values printed on the Answer booklets for internal security and audit trail

Examination Process-

- Practical and viva-voce examinations are conducted by Departments
- Printed question papers handed over to Principal by Controller of Examination
- Assistant Superintendent receives the question paper from Principal on the day of exam
- Sealed packed Question Paper opened by Assistant Superintendent in front of 2 invigilator and 1 student 15 min prior to examination
- Visit by Flying squads during examination

Post Exam Process-

- Answer sheets submitted by the invigilators to Assistant Superintendent
- Answer sheets are then handed over to the custodians
- Part A of the OMR sheet of every answer script is retained and scanned
- Roll numbers on supplementary answer sheets are concealed and sent to Evaluator
- After evaluation part B (containing marks) of OMR sheet is scanned and matched with the barcode of part A
- OMR reader obtains marks and generates results automatically
- Results verified and approved by the Result Committee
- Results declared and displayed



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ADMINISTRATIVE AUDIT

Year 2020-21

- Copy of the results & tabulation sheets sent to University
- Final mark sheets prepared, Counter-signed by University (RDVV) and distributed
- Generation of payment / remuneration to examiners / evaluators

ATKT/ Supplementary Exams-

- ATKT/Supplementary exam conducted.
- Answer sheets are then handed over to the custodians
- Part A of the OMR sheet of every answer script is retained and scanned
- Roll numbers on supplementary answer sheets are concealed and sent to Evaluator
- After evaluation part B (containing marks) of OMR sheet is scanned and matched with the barcode of part A
- OMR reader obtains marks and generates results automatically
- Results verified and approved by the Result Committee
- Results declared and displayed
- Copy of the results & tabulation sheets sent to University
- Final mark sheets prepared, Counter-signed by University (RDVV) and distributed
- ATKT/Supplementary exam conducted.
- Generation of payment / remuneration to examiners / evaluators

Dr. Mrs. Anjali Dsouza,
Controller of Examination
St. Aloysius College (Auto.)
Jabalpur (M.P.)

Seal & Signature of Controller of Examination

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



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ADMINISTRATIVE AUDIT

Year 2020-21

College Central Library

Library Staff Profile

| S. No. | Name | Post | Qualification | Experience |
|--------|----------------------------|---------------------|---|------------|
| 01 | Mrs. Archana Dubey | Librarian | M Lib. I Sc., M.A.(Economics) M.A.(Political Science) PGDCA | 19 |
| 02 | Mrs. Premlata Sharma Swamy | Assistant Librarian | M Lib. I. Sc. M. A. (History), M. Phil (History), B.Ed. , PGDCA | 18 |

Library Committee

| S. No | Name of the Teacher | Position |
|-------|-------------------------|-----------------------------|
| 01 | Dr. Hephzibah John | Library Committee In charge |
| 02 | Dr. Tuhina Johri | Member |
| 03 | Dr. Mamta Gokhle | Member |
| 04 | Mr. Prakash Kumar Lange | Member |
| 05 | Mr. Nitin Swamy | Member |
| 06 | Dr. Amita Chatri | Reading Room In charge |
| 07 | Dr. Dilip Koshta | Member |

Library Collections:

- Total volume of books:** 80473
- Total titles of books:** 32082
- Total (Book Bank) books:** 3336
- Journals & magazines:** 169
- E- Books:** Through E- Resources
- Total No. of CD, DVD etc:** 950
- Back Volumes (BVJ):** 2908
- Newspapers:** 17
- Any other: (News Letter)** 09

E-Libraries:

| E-Library | Subject Area/URL/No. of Books/No. of Users | Area | No of Books |
|--|---|------------------------|--|
| INFLIBNET | https://inflibnet.ac.in/ | All Subject | 6000 E-Journals 2 Lakhs Books Through Shodh Sandhu, 6 Lakhs Books Through NDLI |
| DELNET | https://delnet.in/ | Management, Technology | 1,000,000,000 Pages of Full Text eBooks |



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ADMINISTRATIVE AUDIT

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| | | | |
|--------------------------------|---|---|--|
| | | Medical, etc | 30,00,000 eBooks, e Documents and e Journals |
| The American Library | https://www.ala.org/ | Arts, Science Computer Science & Technology | 10,000 Books 95 Periodicals 1000 DVD Union Catalogue of Members Library |
| PDFCHM | https://www.pdfchm.net/ | Computer Science, Science & Technology | About 40,000 Books Pdf |
| LIBRARY OPAC | http://103.91.62.101/ECAS/UserLogin.aspx?ClientID=11600 | Arts, Science, Commerce Management, Education, Computer Science, Genral Collection, | 80473 Books |
| Digital Library | http://103.91.62.105/electures/login/index.php | Arts, Science, Commerce Management, Education, Computer Science, Genral Collection | Previous Year Question Papers - 2186 Question Bank-137 E-Books-1072(free) Teachers Contributio-750 External Link-160 |
| E-Lectures | http://electures.stalloysiuscollege.ac.in/login/index.php | Arts, Science, Commerce Management, Education, Computer Science, General Collection | 3586 |
| National Digital Library (NDL) | https://ndl.iitkgp.ac.in/ | All Subject | 78,245,520 |

Library Service

- New arrivals services
- Newspaper clipping daily mail services
- Print Journal service
- Library Orientation program for Student and staff
- Technical sessions for students and Staff
- Open Access to stack area for staff & student
- Online Public Access Catalogue through LAN
- Automated Library with Bar-coding
- Digital Library with 36 PC
- Circulation
- Book Bank for SC/ST & under Privileged
- Printing
- Reprography



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Year 2020-21

- Reference services
- Reading Hall
- Wi-Fi connectivity
- Question paper service.


Librarian
St. Aloysius College
Jabalpur (M.P.)

Seal & Signature of Chief Librarian


PRINCIPAL
St. Aloysius College (Autonomous)
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ADMINISTRATIVE AUDIT

Year 2020-21

Details of Academic Support Staff (Technical) / Attendant and Administrative Staff:

| S. No | Name of Staff | Designation | Qualification | Pay Scale |
|-------|-------------------------|-----------------|-----------------------|-----------------|
| 1 | Mr. Prakash D. Parwar | L.D.C. | B.Com | 32800-103600 |
| 2 | Mr. Anto J. Thattill | Lab Tech. | B.SC | 42700-135100 |
| 3 | Mr. Saji Xavier | L.D.C. | M.Com. M.A. B. Lib. | 28700-91300 |
| 4 | Mr. Tejrao Soni | Book Lifter | B.Com. | 19500-62000 |
| 5 | Mrs. Jagrati Tiwari | Off. Asst. | M.COM | 5200-20200+2400 |
| 6 | Mr. Santosh Chamkel | Off. Asst. | M.COM | 5200-20200+2400 |
| 7 | Mr. Johan Lal Yadav | Lab. Tech. | BCA | 5200-20200+2400 |
| 8 | Mr. Yusuf Khan | Off. Asst. | M.COM | 5200-20200+2400 |
| 9 | Mrs. Mary Indra Norbert | Off. Asst. | MA. | 5200-20200+2400 |
| 10 | Mr. Brain Clayton | Asstt. Account. | BSC | 5200-20200+2400 |
| 11 | Mrs. Martha Mathew | Off. Asst. | BA | 5200-20200+2400 |
| 12 | Mr. Basant Namdeo | Off. Asst. | BA | 5200-20200+2400 |
| 13 | Mr. Gagandeep S. Saggu | Off. Asst. | BCOM(CA) | 5200-20200+2400 |
| 14 | Mr. Mohit Raxe | Off. Asst. | BCA | 5200-20200+2400 |
| 15 | Mr. Vineeth M Menon | Off. Asst. | BA, DTS | 5200-20200+2400 |
| 16 | Mr. Shiv Prasad Pandey | Lab. Att. | BA II YEAR | 5200-20200+1300 |
| 17 | Mr. Rajendra Prasad | Lab. Att. | BA ITI | 5200-20200+1300 |
| 18 | Mr. Anil Rajak | Peon | 10th Pass | 5200-20200+1300 |
| 19 | Mrs. Krishana Bai | Farrash | 6th Pass | 5200-20200+1300 |
| 20 | Mr. Mukesh Kumar | Lab. Att. | 10th Pass | 5200-20200+1300 |
| 21 | Mr. Suresh Kumar | Farrash | 10th Pass | 5200-20200+1300 |
| 22 | Mr. James. Joseph | Lab. Att. | 10th Pass | 5200-20200+1300 |
| 23 | Mr. Raju Fernandes | Peon | 8th Pass | 5200-20200+1300 |
| 24 | Mr. Jitendra Charles | Lab. Att. | 8th Pass | 5200-20200+1300 |
| 25 | Mr. Rajesh Khanojia | Lab. Att. | 12th Pass | 5200-20200+1300 |
| 26 | Mr. Abdul Anwar | Peon | 12 th Pass | 5200-20200+1300 |



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| | | | | |
|----|----------------------|-----------|-----------------------|-----------------|
| 27 | Mr. Sandeep Jhariya | Driver | 10th Pass | 5200-20200+1300 |
| 28 | Mr. Jitendra Parihar | Peon | 5th Pass | 5200-20200+1300 |
| 29 | Mr. Sudesh Parwar | Lab. Att. | 8th Pass | 5200-20200+1300 |
| 30 | Mr. Chanda Bai | Farrash | 5th Pass | 5200-20200+1300 |
| 31 | Mr. Ashish Naigam | Peon | 8th Pass | 5200-20200+1300 |
| 32 | Mr. Bharat Prajapati | Peon | 8th Pass | 5200-20200+1300 |
| 33 | Mr. Manish Yadav | Lab. Att. | 10th Pass | 5200-20200+1300 |
| 34 | Mr. Ritesh Kumar | Peon | 10th Pass | 5200-20200+1300 |
| 35 | Mr. Manoj Sahu | Peon | 10 th Pass | 5200-20200+1300 |
| 36 | Mr. Mohan Markam | Peon | 8 th Pass | 5200-20200+1300 |
| 37 | Mrs. Sharmila Lakra | Lab. Peon | B.A | 5200-20200+1300 |
| 38 | Mrs. Rajeshwari | Gen. Main | 12 th pass | 5200-20200+1300 |

Seal & Signature:


Finance/Accounts Officer
St. Aloysius College (Auto.)
Jabalpur (M.P.) 482001


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JABALPUR- 482001 (M.P.)
INDIA



ST. ALOYSIUS COLLEGE, 1, AHILYA BAI MARG, PENTINAKA CHOWK, SADAR, CANTT,
JABALPUR, MADHAYA PRADESH, INDIA 482001

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ST. ALOYSIUS' COLLEGE

(AUTONOMOUS), JABALPUR (M.P.)

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

College with Potential for Excellence (CPE) by UGC

DST-FIST Supported & Star College Scheme by DBT

ADMINISTRATIVE AUDIT

Year 2020-21

Sports and fitness center

Staff Profile

| S. No | Name | Post |
|-------|-------------------|----------------|
| 1. | Ms. Rohela Pillay | Sports Officer |
| 2. | Mr. Harish Dubey | Asst. Prof |

Committee

| S. No | Name | Position |
|-------|--------------------|----------|
| 1 | Dr. Ashu jain | Member |
| 2 | Dr. Sunil Tiwari | Member |
| 3 | Dr. Dilip Kosta | Member |
| 4 | Dr. Niharika Singh | Member |

Infrastructure

| S. No. | Ground and Equipment |
|--------|---|
| 1. | Gym- Men & Women (Separate) <u>For Men We Have</u> – Multi station gym, a Cycle, 2 Manual Treadmill, a twister, 5 set of dumbles, and 2 set of barbells. <u>For Women We Have</u> – 2 Treadmills, 1 Cross trainer, 3 Cycles, 1 twister, 5 Sets of dumbles and a massager. |
| 2. | Basketball Court |
| 3. | Football Ground |
| 4. | Volleyball Ground |
| 5. | Handball Ground |
| 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 | Archery | Recipient of Eklavya Award From M.P. Government 2020-21. | International |
| 2 | Divyansh Manoj Gupta | Wushu | Recipient of Eklavya Award from M.P. Government 2011-12. Participated in 29 th National Wushu Championship February 2021 and won Two Gold and One silver Medal. | International |
| 3 | Jayraj Choudhary | Taekwando | Won Gold medal 2020-21 | International |
| 4 | Yashika Sharma | Strength Lifting | Gold Medal (+80 weight category) | National |
| 5 | Ashutosh Soni | Wushu | Won Silver Medal | National |
| 6 | Kartik Sharma | Wushu | Won Bronze Medal | National |
| 7 | Karnika Choubey | Strength Lifting | Bronze Medal (+65 weight category) | National |

Any other details: -


SPORTS OFFICER
ST. ALOYSIUS COLLEGE
JABALPUR (M.P.)

Seal & Signature of Sports Officer


PRINCIPAL
St. Aloysius College (Autonomous)
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Campus ICT facility 2020-2021

- **Internet Bandwidth:** The College has acquired **75 Mbps Internet Leased Line (ILL) 1:1** over OFC (Optical Fiber Cable) from Purennet Telecom India Pvt. Ltd, Jabalpur, and Madhya Pradesh.
- **Campus ERP:** The College has an ERP system eCAS (Enhanced Campus Automation System) which is upgraded to newest version every year. Current version is **2.1.4.29**
- **ICT facility in Classrooms and Labs:** All classrooms and labs are well equipped with the required ICT facilities for teaching and learning like Laptops, Computers, Printers, Scanners, Electronic-cum-digital Podium, Digital writing pad, webcams, microphones, DLP projectors, wired and wireless internet connection, etc. Few major details are as follows:

| S.N. | DESCRIPTION/CONFIGURATION | QTY |
|------|---------------------------|-----|
| 1. | Computers | 306 |
| 2. | Laptops | 72 |
| 3. | Projector | 37 |
| 4. | Projector Screen | 37 |
| 5. | Digital Writing Pad | 12 |
| 6. | Printers | 57 |
| 7. | USB Webcams | 32 |

- **Server details:** The institution has its in-house data center managed by IT Cell to extend services to various stakeholders of the College as and when required; and also to render services related to various important phases of curricular and non-curricular activities of students' life at college.

Server details are as follows:

| S.N. | Description (Server Make) | CPU | RAM | HDD | Antivirus Make Version Updating |
|------|---------------------------|--------------------------------|-------------------|--|---------------------------------|
| 1 | IBM X3650 Rack Server | 2 x Intel Xeon E5649 Hexa Core | 8 x 4 GB DDR3 ECC | 3 x 300 GB 10krpm SAS HS HDD 2.5" Slim, 12 X 1TB HDD 7.2k 6gbps HS SAS HDD | QuickHeal (Server Edition) |





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ADMINISTRATIVE AUDIT

Year 2020-21

| | | | | | |
|----|------------------------|----------------------------|-------------------|---|----------------------------|
| 2. | IBM X3650 Rack Server | Intel Xeon E5649 Hexa Core | 8 x 4 GB DDR3 ECC | 3 x 300 GB 10krpm SAS HS HDD 2.5" Slim, 2 X 1TB HDD 7.2k 6gbps HS SAS HDD | QuickHeal (Server Edition) |
| 3. | IBM X3650 Rack Server | Intel Xeon E5649 Hexa Core | 8 x 4 GB DDR3 ECC | IBM 500GB 3.5in HS 7.2K SATA HDD, 2 X 1TB HDD 7.2k 6gbps HS SAS HDD | QuickHeal (Server Edition) |
| 4. | IBM X346 Rack Server | Intel Xeon processors | 3 x 2 GB DDR3 ECC | IBM SCSI Hot-Swap 3X146 GB 10K | QuickHeal (Server Edition) |
| 5. | DELL T630 Tower Server | Intel Xeon E5-2620v3 | 16 GB DDR3 ECC | 2 x 300GB 10k RPM, 12GBps SAS 2.5" | QuickHeal (Server Edition) |
| 6. | HCL Tower Server | Intel Xeon E3 | 3x2 GB DDR | 500GB SATA | N/A |


ICT Reforms: A few of the major IT integration and improvements observed in ERP, Networking, Website and other areas are as follows:

- Choice Based Credit System (CBCS) scheme for Post Graduate courses has been fully implemented and incorporated into the existing EMS.
- Marksheet layout has been redesigned with increased font size and boldface.
- Tools of information technology like OMR software are utilized for most of the activities associated with the conduct of examinations, evaluation, and declaration of results.
- The Student Information System (SIS) has been updated to facilitate the conduction of the Open Book Examination process.
- Establishment of CCTV Surveillance System for continuous monitoring of activities of examination and evaluation process.
- A new Hardware Firewall UTM (Unified Threat Management) system has been deployed for enhancing the security of the servers.
- An SSL Certificate has been installed on the College website to provide a safe browsing experience using HTTPS as most of the communication, including Examination, is carried out through it.

Any other facilities

ERP upgradation, development and maintenance of college website and portals, Networking and ICT infrastructure are regularly updated in par with Cyber security measures.


Department of Computer Science
St. Aloysius' College
JABALPUR (M. P.) 482020


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Seal & Signature of IT Head



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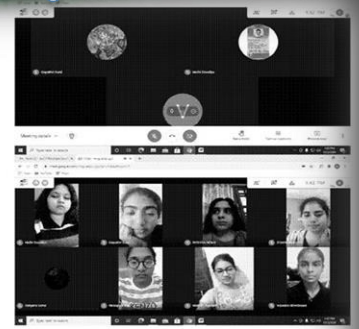
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International Women's Day on 08 March mother-daughter scooter rally



Workshop on "Drawing and Painting"



Republic Day & Independence Day Celebration

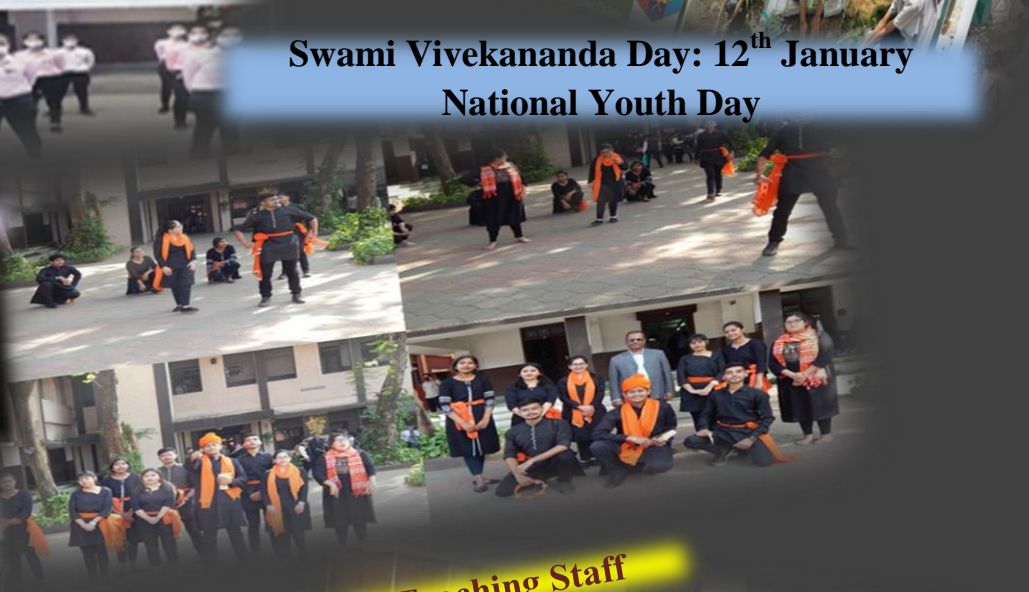


On 22nd April World Earth Day



**Swami Vivekananda Day: 12th January
National Youth Day**

MORNING ASSEMBLY



Training for Non-Teaching Staff



Jagrukta Rally on Fundamentals rights of the citizens

