



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

| | |
|--|--|
| Part A | |
| Data of the Institution | |
| 1.Name of the Institution | Fergusson College (Autonomous), Pune |
| • Name of the Head of the institution | Dr. Ravindrasing Pardeshi |
| • Designation | Principal |
| • Does the institution function from its own campus? | Yes |
| • Phone No. of the Principal | 02067656000 |
| • Alternate phone No. | 02067656603 |
| • Mobile No. (Principal) | 09225340906 |
| • Registered e-mail ID (Principal) | principal@fergusson.edu |
| • Address | Fergusson College Road, Deccan Gymkhana, Pune |
| • City/Town | Pune |
| • State/UT | Maharashtra |
| • Pin Code | 411004 |
| 2.Institutional status | |
| • Autonomous Status (Provide the date of conferment of Autonomy) | 16/06/2016 |
| • Type of Institution | Co-education |
| • Location | Urban |

| | |
|---|---|
| • Financial Status | Grants-in aid |
| • Name of the IQAC Co-ordinator/Director | Dr. Samir Terdalkar |
| • Phone No. | 02067656603 |
| • Mobile No: | 09822184006 |
| • IQAC e-mail ID | fcigac@fergusson.edu |
| 3.Website address (Web link of the AQAR (Previous Academic Year) | https://www.fergusson.edu/article/yearwiseaqarreports.html |
| 4.Was the Academic Calendar prepared for that year? | Yes |
| • if yes, whether it is uploaded in the Institutional website Web link: | https://www.fergusson.edu/upload/document/13030_UGPG_AcademicCalendar21_22.pdf |

5.Accreditation Details

| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
|---------|-------|------|-----------------------|---------------|-------------|
| Cycle 1 | A | 0 | 2004 | 08/01/2004 | 07/01/2009 |
| Cycle 2 | A | 3.26 | 2010 | 28/03/2010 | 27/03/2015 |
| Cycle 3 | A | 3.62 | 2015 | 15/11/2015 | 14/11/2022 |
| Cycle 4 | A+ | 3.31 | 2022 | 11/04/2023 | 10/04/2028 |

6.Date of Establishment of IQAC

15/09/2004

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

| Institution/ Department/Faculty/School | Scheme | Funding Agency | Year of Award with Duration | Amount |
|--|---------------------------|----------------|-----------------------------|-------------|
| INSTITUTION | UGC-STRIDE Component -I | UGC | 03/12/2019 | 95.20 Lakhs |
| INSTITUTION (Six Science department) | STAR STATUS | DBT | 17/07/2019 | 8.68 Lakhs |
| INSTITUTION (Four Science department) | STAR COLLEGE SCHEME | DBT | 17/07/2019 | 3.85 Lakhs |
| INSTITUTION (Six Science department) | STAR COLLEGE SCHEME | DBT | 19/06/2014 | 30.00 Lakhs |
| INSTITUTION (Six Science department) | STAR COLLEGE SCHEME | DBT | 19/06/2014 | 13.00 Lakhs |
| INSTITUTION (Six Science department) | STAR COLLEGE SCHEME | DBT | 12/06/2014 | 69.00 Lakhs |
| INSTITUTION | UGC-CPE | UGC | 30/09/2011 | 50.00 Lakhs |
| INSTITUTION | UGC-CE | UGC | 28/02/2017 | 60.00 Lakhs |
| INSTITUTION | AUTONOMOUS COLLEGE SCHEME | UGC | 16/02/2017 | 20.00 Lakhs |
| INSTITUTION | AUTONOMOUS COLLEGE SCHEME | UGC | 28/02/2019 | 20.00 Lakhs |

8. Provide details regarding the composition of the IQAC:

| | |
|---|---------------------------|
| <ul style="list-style-type: none"> Upload the latest notification regarding the composition of the IQAC by the HEI | View File |
|---|---------------------------|

| | |
|--|--|
| 9.No. of IQAC meetings held during the year | 16 |
| <ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? | Yes |
| <ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report | No File Uploaded |
| 10.Did IQAC receive funding from any funding agency to support its activities during the year? | No |
| <ul style="list-style-type: none"> If yes, mention the amount | |
| 11.Significant contributions made by IQAC during the current year (maximum five bullets) | |
| <p>1. Implementation of Outcome Based Education Model (for teaching and assessment) for all academic programmes, its integration on ERP. 2. Diagnostic Test for all first year post graduate students and identify slow and fast learners. 3. Implementation of Mentoring for all students and for all academic programmes (Class wise). 4. Increase in number of research papers in UGC CARE LIST journals/ Scopus and Web of Science by motivating teachers to publish in quality journals. Procurement of licensed copy of Plagiarism Check Software (TURNITIN). 5. Establishment of Institutional Biosafety Committee and Institutional Ethics Committee for promotion of research. 6. Enhancement in activities of "Incubation Centre" with MoA with Incubatees. 7. MoU with "India Meteorological Department", Government of India for collaborative research projects, student research projects and activities related to climate change. 8. Installation of Biogas plant and rain water harvesting system- a step towards green initiatives. 9. Implementation of ILMS system for library and library services.</p> | |
| 12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year: | |
| Plan of Action | Achievements/Outcomes |
| 1. OBE for all Academic Programmes | Implementation of Outcome Based Education Model (for teaching and assessment) for all academic programmes, its integration on ERP. |

| | |
|---|---|
| 2. Entry Level Quality Test for PG programmes | Diagnostic Test for all first year post graduate students and identify slow and fact learners. |
| 3. Mentoring for Students | Implementation of Mentoring for all students and for all academic programmes and created an impact on guidance to students especially related to their career progression |
| 4. Quality Research | Increase in number of research papers in UGC CARE LIST journals/ Scopus and Web of Science by motivating teachers to publish in quality journals. Procurement of licensed copy of Plagiarism Check Software (TURNITIN). |
| 5. Committees for submission of research projects | Establishment of Institutional Biosafety Committee and Institutional Ethics Committee for promotion of research. |
| 6. MoA with Incubatees | Enhancement in activities of "Incubation Centre" with MoA with Incubatees. |
| 7. Collaborations and MoU | MoU with "India Meteorological Department", Government of India for collaborative research projects, student research projects and activities related to climate change. MoU with Lupin Ltd., Pune for one year Post Graduate Diploma in Industrial Biotechnology |
| 8. Green Initiatives | Installation of Biogas plant and rain water harvesting system- a step towards green initiatives. Net Metering Agreement with MSDECL |
| 9. Library | Implementation of ILMS system for library and library services. |

| | | | | | |
|--|--------------------|----------------------------|--------------------|-----------------------|-------------------|
| 13. Was the AQAR placed before the statutory body? | Yes | | | | |
| <ul style="list-style-type: none"> Name of the statutory body | | | | | |
| <table border="1"> <tr> <td>Name of the statutory body</td> <td>Date of meeting(s)</td> </tr> <tr> <td>Governing Body</td> <td>24/06/2023</td> </tr> </table> | | Name of the statutory body | Date of meeting(s) | Governing Body | 24/06/2023 |
| Name of the statutory body | Date of meeting(s) | | | | |
| Governing Body | 24/06/2023 | | | | |
| 14. Was the institutional data submitted to AISHE ? | Yes | | | | |
| <ul style="list-style-type: none"> Year | | | | | |
| <table border="1"> <tr> <td>Year</td> <td>Date of Submission</td> </tr> <tr> <td>2021-2022</td> <td>19/01/2023</td> </tr> </table> | | Year | Date of Submission | 2021-2022 | 19/01/2023 |
| Year | Date of Submission | | | | |
| 2021-2022 | 19/01/2023 | | | | |
| 15. Multidisciplinary / interdisciplinary | | | | | |
| <p>Fergusson College being autonomous from year 2016, has consistently made efforts to promote multi-disciplinary / inter-disciplinary learning on the campus. Some of the highlights are:</p> <ol style="list-style-type: none"> Students from science learn 4 credit course related to language viz. English, French, German, Hindi, Marathi, Sanskrit. Arts / Humanities students learn 2 credit course on Environment Awareness. Students from PG section are made aware of Cyber Security (2 Credit), Human Rights (2 Credit) and Introduction to Constitution (2 Credit). Similarly, all UG students learn about Democracy, Election and Governance (2 Credit) Course. The Transdisciplinary courses are conducted through UGC - STRIDE Component sanctioned to the college, where focus is on Transdisciplinary learning. College has proposed four years undergraduate (FYUG) where in addition to single discipline BA / BSc Honours program, emphasis is given to multidisciplinary programs like BA in Social Sciences / Humanities / languages and BSc in Life Sciences / Physical Sciences / Earth Sciences / Chemical Sciences / Mathematical & Computational Sciences. Fourth year of UG is dedicated to research / internship in multi-disciplinary / interdisciplinary / transdisciplinary area, which will help to find solutions to society's most pressing issues & challenges. | | | | | |

6. Students can earn extra 2 / 3 / 4 credits by participating in NSS, NCC, Sports, Social Outreach & Enabling Center, national integrity courses etc. at UG level.

16. Academic bank of credits (ABC):

In order to provide seamless students' mobility between various institute / universities in the state and nationally, college has set up a formal system for credit recognition, credit accumulation & credit transfer. The present ERP software / examination department is instructed to follow the guidelines of UGC, ABC and NAD for credit accumulation / transfer. College is in a process of changing the course / paper codes as per the requirement of Academic Bank of Credits.

17. Skill development:

After autonomy, college ensured that every student completing UG / PG degree acquires

additional skills. Board of Studies in various subjects have identified minimum four skill enhancement courses for every student along with his / her major course. There are around 96 skill enhancement courses (SEC) either for 1 or 2 credits.

In addition, college offers four Vocational (B. Voc.) programs in:

- (a) Digital Art & Animation,
- (b) Media and Communication,
- (c) Fashion Technology
- (d) Interior Design.

Students from any discipline can take admission to these programs.

18. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

College promotes Indian Knowledge System through teaching Indian Languages and Culture. College has dedicated language departments - Hindi, Sanskrit and Marathi offering various courses at undergraduate and postgraduate level. Various Indian language promotion activities are regularly organized every year. Separate Sanskrit Language Promotion activities like reciting poems,

intercollegiate Sanskrit One Act Play are organized with kind assistance from the society.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

OBE is a performance- based education system that base each part of an educational system around outcomes. The core philosophy of OBE rests in adhering to student-centric learning approach used to measure student's performance based on pre- determined set of outcomes. Our College has designed a methodology for implementation of Outcome Based Education (OBE) for all academic programmes. Our OBE model includes teaching as well as evaluation (Course Attainment). The entire OBE system has been integrated on the College ERP system. The College has a dedicated OBE Team. OBE Team looks into the effective dissemination of information and implementation of OBE process. It consists of Principal, IQAC coordinator, members of IQAC and OBE coordinator from each department. OBE coordinators are highly committed to take a representational role and their role is to actively participate in relaying OBE related information to relevant departments wherever required and also help department to implement OBE process smoothly. They play an active role in developing and implementing the OBE model in college. The team assists and advice IQAC in matters relating to OBE within the college. Policies and procedures regarding OBE are published on the college website.

20.Distance education/online education:

In last couple of years, during pandemic, many teachers conducted online teaching. For online teaching, college has acquired licenses of Microsoft Team for all the students for attending online class as well as evaluation. Several Videos are created for on-line educations. All on-line resources are available to students in their Microsoft Team account. Students can access online session along with offline teaching. This helps them to revise the concepts, learn as and when required.

Extended Profile

1.Programme

1.1 47

Number of programmes offered during the year:

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |

2.Student2.1 **5942**

Total number of students during the year:

| File Description | Documents |
|---|---------------------------|
| Institutional data in Prescribed format | View File |

2.2 **2185**

Number of outgoing / final year students during the year:

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |

2.3 **6018**

Number of students who appeared for the examinations conducted by the institution during the year:

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |

3.Academic3.1 **1343**

Number of courses in all programmes during the year:

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |

3.2 **229**

Number of full-time teachers during the year:

Extended Profile

1. Programme

1.1 47

Number of programmes offered during the year:

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |

2. Student

2.1 5942

Total number of students during the year:

| File Description | Documents |
|---|---------------------------|
| Institutional data in Prescribed format | View File |

2.2 2185

Number of outgoing / final year students during the year:

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |

2.3 6018

Number of students who appeared for the examinations conducted by the institution during the year:

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |

3. Academic

3.1 1343

Number of courses in all programmes during the year:

| File Description | Documents |
|---|---------------------------|
| Institutional Data in Prescribed Format | View File |

| | |
|--|---------------------------|
| 3.2 | 229 |
| Number of full-time teachers during the year: | |
| File Description | Documents |
| Institutional Data in Prescribed Format | View File |
| 3.3 | 270 |
| Number of sanctioned posts for the year: | |
| 4.Institution | |
| 4.1 | 1303 |
| Number of seats earmarked for reserved categories as per GOI/State Government during the year: | |
| 4.2 | 88 |
| Total number of Classrooms and Seminar halls | |
| 4.3 | 927 |
| Total number of computers on campus for academic purposes | |
| 4.4 | 772.46 |
| Total expenditure, excluding salary, during the year (INR in Lakhs): | |

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Autonomy has given greater flexibility to the teachers to develop curricula that is not just relevant to the contemporary times but is effectively delivered with the help of Outcome-based education. In the year 21-22 the third year syllabi of Science, Arts and Vocational programs were revised. There were additions of skill and value-based courses made to all the programs like E-commerce, User Interface Design etc.

The Program Outcomes, Program Specific Outcomes and Course Outcomes were clearly spelt out for all the courses. The outcomes have been defined using Revised Bloom's taxonomy and cover all the levels of learning. Students are made aware of these and there is a conscious attempt on the part of teachers to synchronize the whole learning process with the outcomes. Evaluation methods too have been adapted to work in tandem with course and program outcomes. Flexible testing methods in particular have helped in testing the higher order skills.

Besides topics included in the syllabi that address local, national and global issues, an attempt is frequently made in the classroom to integrate all three. Courses in human geography and others integrate local, national and global needs, allowing students to explore and come up with a wide array of solutions.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload additional information, if any | View File |
| Link for additional information | Nil |

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

29

| File Description | Documents |
|--|---------------------------|
| Minutes of relevant Academic Council/BOS meeting | View File |
| Details of syllabus revision during the year | View File |
| Any additional information | View File |

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

1316

| File Description | Documents |
|---|---------------------------|
| Curriculum / Syllabus of such courses | View File |
| Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses | View File |
| MoUs with relevant organizations for these courses, if any | View File |
| Any additional information | View File |

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

178

| File Description | Documents |
|---|---------------------------|
| Minutes of relevant Academic Council/BoS meetings | View File |
| Any additional information | View File |
| Institutional data in prescribed format (Data Template) | View File |

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

46

| File Description | Documents |
|--|---------------------------|
| Minutes of relevant Academic Council/BoS meetings | View File |
| Any additional information | View File |
| List of Add on /Certificate programs (Data Template) | View File |

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The various programs that are offered give ample scope for

including cross-cutting issues. Courses in Economic Development, Growth and Planning study demographic patterns and discuss issues related to equitable distribution of resources. The course in Public Finance has got a specific unit on 'Gender Budgeting.' The courses in Economics and Environment specifically deal with environmental and sustainability issues on the local, national and global levels. Several language and literature courses include literary components to integrate the aspects of gender, human values, environment and sustainability. Research ethics, media ethics and advertising ethics are covered through the Advanced Writing Skills in English course for TY students. The Women's Writing in English course (for post-graduate students) spread out over two semesters deals with the history of the women's movement and its evolution through the representative texts. Human values and issues such as social justice are an aspect of most language as well as social science courses. Environmental issues and ethical issues are an integral part of several science courses too. A course on Intellectual Property Rights is offered by the Biotechnology department. The Environmental Science department offers a course on Law, Ethics and Policy and a component on Women in Environment is included in the biodiversity course for PG students.

| File Description | Documents |
|---|---------------------------|
| Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum | View File |
| Any additional information | View File |

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

17

| File Description | Documents |
|--|---------------------------|
| List of value-added courses | View File |
| Brochure or any other document relating to value-added courses | View File |
| Any additional information | View File |

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

1587

| File Description | Documents |
|----------------------------|---------------------------|
| List of students enrolled | View File |
| Any additional information | View File |

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

2260

| File Description | Documents |
|---|---------------------------|
| List of programmes and number of students undertaking field projects / internships / student projects | View File |
| Any additional information | View File |

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

A. All 4 of the above

| File Description | Documents |
|---|---|
| Provide the URL for stakeholders' feedback report | https://naac.fergusson.edu/assets/uploads/documents/1688379864_AQAR_21-22_1_4_1_URL_for_stakeholder_Feedback_Report.pdf |
| Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management | View File |
| Any additional information | View File |

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

| File Description | Documents |
|---|---|
| Provide URL for stakeholders' feedback report | https://naac.fergusson.edu/assets/uploads/documents/1688379918_AQAR_21-22_1_4_2_URL_for_stakeholder_Feedback_Report.pdf |
| Any additional information | View File |

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

2363

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Institutional data in prescribed format | View File |

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

1303

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Number of seats filled against seats reserved (Data Template) | View File |

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The College has a policy to assess the learning levels of students following which the learning levels of the students are identified using the parameters given below:

1. Performance in the qualifying exam.
2. Performance in diagnostic test conducted for first year post graduate students
3. (If the performance score of the student is below 40%, then

the student is considered as slow learners and if the score is above 70%, the student is considered as advanced learners).

4. Performance in continuous assessment and end semester examination (theory and practical wherever relevant).
5. Attendance. Specific measures for slow learners are:
 1. Remedial teaching and bridge classes are conducted for subjects like biotechnology, biochemistry, computer science, electronic science, mathematics, statistics, zoology and German. Problem solving sessions / revision sessions/extra sessions are arranged.
 2. Guidance on how to write answers is given.
 3. Counselling by mentors during mentoring sessions.

Specific measures for advanced learners

1. Flexible and innovative mode of internal for continuous evaluation allows faculty members to assess various aspects of learning like subject content, presentation skills, communication skills and research orientation.
2. Encouragement to participate and contribute in Regional/State/National and International level workshops/seminars/conferences/technical events/Summer and Winter schools, catering to subject matter, to promote entrepreneurial and research capabilities.
3. Ensuring regular participation of students in guest lectures (e.g., Prime Minister's Research Fellows)

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | Nil |

2.2.2 - Student – Teacher (full-time) ratio

| Year | Number of Students | Number of Teachers |
|------|--------------------|--------------------|
| Nil | 5942 | 208 |

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

Experiential learning

Departments conduct learning activities like movie screenings, creative writing typically in language and literature and self-composition of poems. Departments like Physics, also publish student publication for popularization of science - "Dimensions" which help to create awareness about subjects like astrophysics. Exhibition on medieval weapons (history) and Marathi dictionaries (for language students) were organized. Organization of live events like "launching of Chandrayan", Zero shadow day etc., also promotes learning.

Participative Learning

Students are motivated to participate in learning activities like group discussions, improvement in communication skills, micro teaching, class presentations specifically case studies for technical subjects, screening of documentaries, fiction writing etc are used. Other activities include participation in competitions like Python for Biologists, National Entrepreneurship Conclave etc.

Internships/Projects

Students participate in summer internships and carry out projects in research institutes, industries and NGOs. Some of the companies/ industries where students have completed internships are Cognizavest, NHRD, TED x Gateway, IITM, Pune, Bluepineapple, Veritas, Springfest IIT Karagpur etc.

Problem Solving

Problem solving methods are implemented in both Arts and Science programs eg, map reading for blind students, Didactics and translational skills for language students, case studies for computer science specifically data science and problem solving using various programming languages.

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |
| Link for additional Information | Nil |

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Almost all the classrooms and majority of the laboratories are ICT enabled. The institute encourages all teachers to undergo training programs, to enhance their knowledge and use of ICT to deliver effective lectures using PPTs, videos and animations, prepared by teachers or available online. Several faculty members have their subject specific You tube channels. A database of E resources for all the courses is now available with the institute. Online resources such as Swayam, NPTEL, Shodhganga, and IIT course lectures are used for enhancing the teaching learning process. Academic flexibility has provided a good platform for innovative methods of evaluation based on presentations, group discussions, video assignments, online quizzes, peer assessment, etc. using other resources such as ITLE module of ERP, Google classroom, Google forms, Edmodo, Microsoft forms, Moodle, Piazza, etc. Many activities like online talks, competitions, bimonthly newsletter publishing, edutainment, etc were arranged to add to the academic activities of the students. Provision to earn credits through massive open online courses (MOOCs) has also been introduced at the PG level under academic flexibility. Audio material has been prepared by teachers on political theory, political ideologies, Indian and Western Thinkers. Similarly, video clips of, School of Life, Samvidhan Series, Discovery of India (Modern Indian History) and docudramas like 'Pradhanmantri' are used while teaching.

| File Description | Documents |
|--|---|
| Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process | https://naac.fergusson.edu/criterion-2--teaching-learning-and-evaluation |
| Upload any additional information | View File |

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

208

| File Description | Documents |
|---|---------------------------|
| Upload year-wise number of students enrolled and full-time teachers on roll | View File |
| Circulars with regard to assigning mentors to mentees | View File |

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

The academic calendar is planned and prepared before the commencement of every academic year, with inputs from the Head of the Departments, PG coordinators, Controller of Examination and IQAC coordinator. This is approved by the Principal and after approval by the Governing Body of the College, uploaded on the college website. The academic calendar is planned as per the guidelines of Savitribai Phule Pune University to account for 15 weeks per semester. The schedule is prepared to include admissions, induction programmes, teaching weeks, examinations, college fests, vacations, examinations and result preparation.

The Academic Calendar includes:

- Commencement and conclusion dates of odd and even semesters
- Admission schedule, induction programme for First year students
- Schedules of internal and end semester exams (Theory and Practical)
- Dates of declaration of results
- College festival schedule and
- Vacation periods

Public holidays are given in accordance with the Savitribai Phule Pune University circular for public holidays.

Teaching Plans

Post-covid the College (2020-21), has provided e-diaries to all teachers and compliance is sought from teachers for adherence to the plan.

Teaching plan helps the teachers to plan and prepare their lessons in advance with sufficient time for query solving, discussions and syllabus completion.

| File Description | Documents |
|---|---------------------------|
| Upload the Academic Calendar and Teaching Plans during the year | View File |

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

208

| File Description | Documents |
|--|---------------------------|
| Year-wise full-time teachers and sanctioned posts for the year | View File |
| List of the faculty members authenticated by the Head of HEI | View File |
| Any additional information | View File |

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

96

| File Description | Documents |
|---|---------------------------|
| List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years | View File |
| Any additional information | View File |

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

2716

| File Description | Documents |
|---|---------------------------|
| List of teachers including their PAN, designation, Department and details of their experience | View File |
| Any additional information | View File |

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

28

| File Description | Documents |
|--|---------------------------|
| List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result | View File |
| Any additional information | View File |

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

63

| File Description | Documents |
|---|---------------------------|
| Upload the number of complaints and total number of students who appeared for exams during the year | View File |
| Upload any additional information | View File |

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

As per the UGC guidelines, State Government Guidelines and Savitribai Phule Pune University, Pune, circulars for autonomous colleges, with regard to examinations, are followed. The Examination Cell (EC) performs all the functions related to examinations. These include scheduling of the examinations, preparation of relevant timetables, and conduct of all examinations. The records of all assessments made by Faculty are analysed to prepare and declare the results on the college

website. Confidentiality is maintained at all levels.

The College/Examination Section uses MASTERSOFT ERP ITLE module for conducting examinations. The schedule for concurrent evaluation is adhered to as per the academic calendar. The examination module is utilized for the registration of students for exams, generation of hall tickets, student marks entry and result preparation along with provisional mark-sheets. The software is also utilized for generating the seating arrangements for the end semester examinations conducted in the offline mode.

1. Automation has reduced the time spent conducting and preparing for examinations
2. Online evaluation has brought in objectivity and zero room for any discrepancies.
3. Easier to maintain records of all previous examination sessions
4. Conducive to a paperless environment in general

The MASTERSOFT ERP system has also been utilized to generate data under the outcome-based education (OBE), for gap analysis between teaching and learning process.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional Information | Nil |

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

College organised various workshops and training sessions for all the faculty to disseminate information on designing, mapping and attainment of outcomes at periodic intervals. OBE coordinators have been appointed for each department to facilitate the process and help the faculty in OBE related work.

All faculty members have framed Course Outcomes (COs) as per the course curriculum by using action verbs appropriate at each level as per revised Bloom's taxonomy. POs, PSOs and COs have been approved by Board of Studies and Academic Council and displayed on

the college website (https://fergusson.edu/article/peo_po_pso_co.html). The same have been incorporated in the department's syllabi and is also made available on the college website (e.g. https://fergusson.edu/article/third_year_syllabus_2019.html) for the benefit of all stakeholders.

During the Annual orientation programme, students are made aware of the OBE process along with POs, PSOs and COs. All Head of the departments and faculty members also communicate the POs and PSOs to the students at respective departments. At the start of the teaching session, the faculty teaching a particular course disseminate the COs to all the students along with its relevance towards the learning. This is reinforced at periodic intervals in the semester along with its correlation with the assessments.

| File Description | Documents |
|--|---------------------------|
| Upload COs for all courses (exemplars from the Glossary) | View File |
| Upload any additional information | View File |
| Link for additional Information | Nil |

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Attainment

As per OBE, a mapping matrix of CO-PO is prepared at the department level for all courses in the program. The attainment of COs, POs and PSOs is calculated by direct and indirect assessment tools using OBE software wherein weightage of 80% is decided for direct attainment and 20% for indirect attainment. Direct attainment of COs is measured by the various assessment methods adopted during Continuous Evaluations (CE) and End Semester Examinations (ESE) by mapping specific questions to COs. Indirect attainment is based on feedback from all stakeholders.

To measure CO attainment of a particular course, a threshold target is set by the course faculty from individual department which is calculated on a scale (0-3).

The COs attainment level is studied and if gap is noticed i.e. non-attainment, it is analysed, and a report is prepared.

At the end of each course, the PO/PSO attainment calculation is also done using OBE software. A specific process is followed to get a final PO and PSO attainment calculation for the entire batch of a particular programme.

If gap is found during CO-PO/PSO attainment calculation, proper analysis is done by the faculty members and appropriate actions are proposed to bridge the gap.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional Information | Nil |

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1995

| File Description | Documents |
|---|---------------------------|
| Upload list of Programmes and number of students appear for and passed in the final year examinations | View File |
| Upload any additional information | View File |
| Paste link for the annual report | Nil |

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://naac.fergusson.edu/assets/uploads/documents/1690018977_AOA_R_21-22_SSS_2_7_1.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

The steps taken for promotion of research are discussed, approved and documented in the minutes of the Governing Body (GB) meeting. The college has functional 'Research Coordination Committee' (RCC).

The policy for promotion of research focuses on promoting research culture among staff and students (at all levels), train and encourage multidisciplinary/ transdisciplinary research. Our parent organization (DES) gives one time grant as seed money for researchers who wish to undertake projects in the campus. Outcome, innovation, interdisciplinary/ multidisciplinary are the main parameters while awarding these projects and these are evaluated by external experts from CSIR institutes/ Universities. Policies and procedures for research promotion, consultancy and seed money are well defined and documented which serve as guideline for all staff members.

Recently the college has also formed Institutional Ethics Committee (IEC) and Institutional Biosafety Committee (IBSC).

Research facilities that are available include: gas chromatograph, FTIR, Atomic Absorption Spectrophotometer, tube furnace, muffle furnace, De-ionised water purifier, spray pyrolysis equipment, gas sensing unit, Air sampler, digital flame photometer, thermocycler (PCR), microscopes (with attached camera and software), inverted microscope, polarizing microscope with camera, gemmological, electrical resistivity meter, total station for geological studies, gravity corer, laminar air flows, one solar observation station (motorized dome) and observatory software etc

| File Description | Documents |
|--|---|
| Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption | View File |
| Provide URL of policy document on promotion of research uploaded on the website | https://www.fergusson.edu/upload/document/41383_PolicyforPromotionofResearch.pdf |
| Any additional information | View File |

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year

(INR in lakhs)**10.56**

| File Description | Documents |
|---|---------------------------|
| Minutes of the relevant bodies of the institution regarding seed money | View File |
| Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized | View File |
| List of teachers receiving grant and details of grant received | View File |
| Any additional information | View File |

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year**2**

| File Description | Documents |
|---|---------------------------|
| e-copies of the award letters of the teachers | View File |
| List of teachers and details of their international fellowship(s) | View File |
| Any additional information | View File |

3.2 - Resource Mobilization for Research**3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)****52.87**

| File Description | Documents |
|--|---------------------------|
| e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations | View File |
| List of projects and grant details | View File |
| Any additional information | View File |

3.2.2 - Number of teachers having research projects during the year

4

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Paste link for additional Information | Nil |
| List of research projects during the year | View File |

3.2.3 - Number of teachers recognised as research guides

38

| File Description | Documents |
|---|---------------------------|
| Upload copies of the letter of the university recognizing teachers as research guides | View File |
| Institutional data in Prescribed format | View File |

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

2

| File Description | Documents |
|---|---------------------------|
| Supporting document from Funding Agencies | View File |
| Paste link to funding agencies' website | Nil |
| Any additional information | View File |

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The College has dedicated research centers in the disciplines of English, Economics, Marathi, Botany, Chemistry, Electronic Science, Environmental Science, Geology, Microbiology,

Mathematics, Physics and Zoology. The approved intake of PhD students in these centers is 176.

The recently established incubation centre focuses on developing ideation lab, build professional services and provide funding through seed grants, angel funds etc., these are gradually progressing. The college also organizes project competitions like "Innovision" and "Hackathon" to identify highly motivated young innovators, give them an opportunity to present their ideas in front of Industry experts, support potential ideas and convert them into profitable business ventures and provide guidance for IPR, market research, technology development, finances and advertising. The objective was to make as many students as possible, realise the possibility of business as a career option.

Some of the innovative projects undertaken by students are 3D Racing Game with Data Gloves, Cropify amongst others.

For orienting students towards community service, the college has well established "Social Outreach and Enabling Centres" (SOEC). SOEC is involved in networking with the community in collaboration with NGOs. A NGO round table was organised on the campus where around 20 NGOs were invited to share their work with the students.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | Nil |

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

73

| File Description | Documents |
|--|---------------------------|
| Report of the events | View File |
| List of workshops/seminars conducted during the year | View File |
| Any additional information | View File |

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures

B. Any 3 of the above

implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

| File Description | Documents |
|--|---------------------------|
| Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check | View File |
| Any additional information | View File |

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

67

| File Description | Documents |
|--|---------------------------|
| URL to the research page on HEI website | Nil |
| List of PhD scholars and details like name of the guide, title of thesis, and year of registration | View File |
| Any additional information | No File Uploaded |

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

69

| File Description | Documents |
|---|---------------------------|
| List of research papers by title, author, department, and year of publication | View File |
| Any additional information | No File Uploaded |

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during

the year

31

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | Nil |

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

243

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Bibliometrics of the publications during the year | View File |

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

4

| File Description | Documents |
|--|---------------------------|
| Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution | View File |
| Any additional information | View File |

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

14.32

| File Description | Documents |
|--|---------------------------|
| Audited statements of accounts indicating the revenue generated through consultancy and corporate training | View File |
| List of consultants and revenue generated by them | View File |
| Any additional information | View File |

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

| File Description | Documents |
|---|---------------------------|
| Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy | View File |
| List of training programmes, teachers and staff trained for undertaking consultancy | No File Uploaded |
| List of facilities and staff available for undertaking consultancy | No File Uploaded |
| Any additional information | No File Uploaded |

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The extension activities of college are under SOEC. The objectives and activities under SOEC focus on national missions such as health and sanitation, education, gender equality and sustainable development. Certain illustrative examples are as follows:

1. Plastic & E-waste Handling for Ecofriendly Lifestyle "PEHEL" Drive.

Plastic and e-waste were collected, segregated. Repairable e-waste was refurbished and donated to those in need. Non-repairable e-

waste was handed over to the MPCB authorized recyclers.

Impact: How landfills can be utilized for disposal of e-waste.

1. Red Dot Bag Preparation.

Sanitary waste disposal bags were prepared and distributed to women of Seva Vastis across Pune. An interactive session was conducted to educate women on safe sanitary waste disposal and to cultivate in them a sense of empathy for women who face lack of facilities during their monthly cycle and appropriate disposal.

Impact: Hands on training to prepare disposable and safe disposal of sanitary napkins and eliminate the stigma of menstruation and celebrate monthly menstrual phase.

1. School Kit Bag Distribution

6000 school kit bags were assembled by 150+ volunteers guided Seva Sahayog and donated to underprivileged school children.

Impact: Promoted importance of education in the vulnerable strata ensuring access to education for every child.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | Nil |

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

19

| File Description | Documents |
|--|---------------------------|
| Number of awards for extension activities in during the year | View File |
| e-copy of the award letters | View File |
| Any additional information | View File |

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

162

| File Description | Documents |
|---------------------------------|---------------------------|
| Reports of the events organized | View File |
| Any additional information | View File |

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

9951

| File Description | Documents |
|----------------------------|---------------------------|
| Reports of the events | View File |
| Any additional information | View File |

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

367

| File Description | Documents |
|--|---------------------------|
| Copies of documents highlighting collaboration | View File |
| Any additional information | View File |

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

9

| File Description | Documents |
|---|---------------------------|
| e-copies of the MoUs with institution/ industry/ corporate house | View File |
| Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year | View File |
| Any additional information | View File |

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

Campus

Total Area: 65 acres; buildings:15; Disabled friendly green campus.

Hostel Buildings: 4 + 1block

Teaching-Learning infrastructure

Classrooms: Total 86 (with DLP:29, DLP+LAN:17, DLP+LAN+Wifi:06)

Laboratories:

Animation

2D Drawing Room, Computer Labs 2, Server room 1, drawing rooms 2 and library

Media Center (B. Voc)

Computer labs 2, workshop 1, Edit Suite 1, AV Room 1

Biotechnology

3 labs, ATC lab, PTC lab and computer lab

Botany

4labs, 1 PTC lab and Museum

Chemistry

4 labs and 1 computer lab

Computer Science

8 labs

Electronic Science

3 labs, 1 special lab, 1 computer lab and 1 research lab.

Environmental Science

2 labs

Geology

6 labs, 1 Museum

Microbiology

3 labs and 3 inoculation rooms

Psychology

1 lab

Physics

3 lab, research labs 4, Observatory 1

Statistics

1lab and 1 computer lab

Zoology

4 labs, 1 Research lab and museum

Instrumentation laboratory

1

Language laboratory

1

Examination Section

Internal Quality Assurance Cell

Browsing Centres

2

IT Facilities

Total number of computers: 927

100Mbps net connectivity through lease line

Licensed software's: Coreldraw Graphics suite, Labview, Antivirus, Photoshop, InDesign, Illustrator, Animate CC, After Effects, Premier Pro, Autodesk 3ds Max, Mudbox, Autodesk Maya, Blender, Foundry Nuke, Natron, Unity etc.,

Others: Licensed copies of Windows, Adobe, Mathematica, MATLAB, Statistica, GIS etc.,

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | Nil |

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

The following facilities are available on the campus: N. M. Wadia Amphitheatre (established on 5th September 1912); Ground Floor -400 sq.mt and First Floor 226 sq.mt with 600 seating capacity is well equipped with light, sound and internet system and used as the auditorium. Kimaya (established in 2000) an open-air theatre is utilized to fullest extent by students for their extracurricular activities. Recreation Hall is used for yoga and

other activities like celebration of NCC/Naval day, exhibitions etc. Gymkhana was established in 1908. Synthetic basketball Court (established in 1910) (Length: 40 meters and breadth 20 meters), Handball Court (Length: 50 meters and breadth 30 meters) Kho-Kho facility (Length: 40 meters and breadth- 32 meters) and Hockey field (Length: 90 meters and breadth 50 meters) Football (length: 100 meters and breadth 60 meters) and Cricket pitch, (Length: 140 meters and breadth 120 meters) Athletics- there are eight lane cinder tracks with total length of 400 meters Seven tennis courts (established in 1896) with length of 112 meters and breadth 39 meters with changing rooms with modern amenities. Wooden badminton court (established in 1930): 20 meters length and 10 meters in breadth. Boxing Hall: 30 X 20 meters with all necessary boxing equipment. Changing Rooms: 02 for players

| File Description | Documents |
|---------------------------------------|---------------------------|
| Geotagged pictures | View File |
| Upload any additional information | View File |
| Paste link for additional information | Nil |

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

65

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template) | View File |

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

75

| File Description | Documents |
|--|---------------------------|
| Upload audited utilization statements | View File |
| Details of Expenditure, excluding salary, during the years | View File |
| Any additional information | View File |

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Library is automated using Integrated Library Management System (ILMS):

Bai Jerbai Wadia Library provides a remarkable collection of old and rare books. The library has been funded by National Archives of India for digitization of old and rare manuscripts. To keep pace with the changing needs of the learner, the library and satellite libraries are automated with Integrated Library Management System (ILMS) supported by Mastersoft ERP. The key features of library are:

- Automated circulation
- Issue return
- Access to e-Journals
- Digital Library
- MOPAC-App for library services

Digital Databases and Network:

The following are key features of the digital databases and networks available for sharing information in the B.J. Wadia Library:

- Provision of access to online databases of Springer, Delnet and NList,
- Remote access facility for e-Resources and Web OPAC
- PDF of manuscripts and college magazines
- Access to National Digital Library (NDLI)
- TATA McGraw Hill e-Library
- Marathi Literature/Books
- Archives of students' dissertations and faculty publications
- Institutional membership in National Digital Library, e-Shodh Sindhu, British Library

Disabled-friendly Facilities

- The college provides a separate Braille Section with a computer lab. The library has reprographic facilities.

Reading Hall

- The entire first floor of the library serves as a Reading Hall for students and is spacious enough to comfortably accommodate more than 400 students at a time.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | Nil |

**4.2.2 - Institution has access to the following:
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources**

A. Any 4 or more of the above

| File Description | Documents |
|---|---------------------------|
| Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership | View File |
| Upload any additional information | View File |

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

8.56

| File Description | Documents |
|--|---------------------------|
| Audited statements of accounts | View File |
| Any additional information | View File |
| Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template) | View File |

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

995

| File Description | Documents |
|--|---------------------------|
| Upload details of library usage by teachers and students | View File |
| Any additional information | View File |

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

Institution has an IT policy covering wi-fi, cyber security, etc., and allocated budget for updating its IT facilities

Describe IT facilities including Wi-Fi with date and nature of up-dation within a maximum of 500 words

File Description

- Upload any additional information
- Paste link for additional information

IT policy is displayed on the college website and budget for updating is made.

LAN and Wi-Fi

1. The campus is networked through 1 GBPS (LAN) and backbone connectivity is through 10 GBPS fibre.
2. The college has layer 2 switches installed with 256 GBPS throughput and supports 10G ports to segregate the network provision of regularized distribution of resources

throughout the campus.

3. All access points support 200+ concurrent users with 2.4/5.0 GHz bandwidth.
4. Wi-fi speed of 1 to 2.0 GBPS in each access point.
5. SIP line has been installed in the campus for IP phones which enables user to plug directly into the Internet.

Cyber Security

1. Firewall security is ensured through SOPHOS firewall XG 350 (02 nos.)
2. IPS, Content filter and AV scanning in gateway mode.
3. Authentication based user access to connect to the internet.
4. Group base security policy is assigned to different users' groups to ensure that no threats are entertained.
5. Public paging server is integrated with DMZ zone to respective ports.
6. Synchronized security features are planned for integration at the client level.

Updation of IT facilities

1. IP phones (100 nos.) are a new addition to the IT infrastructure

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | Nil |

4.3.2 - Student - Computer ratio

| Number of Students | Number of Computers |
|--------------------|---------------------|
| 5942 | 871 |

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |

| | |
|--|---------------------------------|
| 4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus | A. 750 Mbps |
| File Description | Documents |
| Details of bandwidth available in the Institution | View File |
| Upload any additional information | View File |
| 4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing | A. All four of the above |
| File Description | Documents |
| Upload any additional information | View File |
| Paste link for additional information | Nil |
| List of facilities for e-content development (Data Template) | View File |
| 4.4 - Maintenance of Campus Infrastructure | |
| 4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs) | |
| 411.80 | |
| File Description | Documents |
| Audited statements of accounts | View File |
| Upload any additional information | View File |
| 4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc. | |
| The college has adequate infrastructure for academic, co-curricular and extracurricular activities. Most of the buildings of the college are under heritage status. | |

Classrooms and Laboratories: The Timetable committee manages the allocation of classrooms. Furniture, teaching aids and laboratories are maintained by the respective department staff and attendants and supervised by the respective Head of the Department. The Heads of Departments report to the administration periodically on all the maintenance work..

Equipment: minor repairs of equipment are carried out by vendors identified by DES. In case of major maintenance which requires replacement of parts, it is repaired through college budget.

Seminar Halls (03) and Auditorium (01): The seminar halls are maintained through provisions in the college budget while the Amphitheatre (auditorium) is maintained by the DES.

ICT facilities: is maintained by hardware maintenance engineers. DES has established a separate IT Department with dedicated technical staff and Director. The annual maintenance contracts include the software installations/ updates, antivirus etc.

Maintenance of the Infrastructure:

Policy of maintenance is displayed on the website. All queries/complaints regarding repairs of physical infrastructure are sent to the following email ID maintenance@fergusson.edu Housekeeping services are outsourced on an annual contract basis and are made available during daytime on all days.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | Nil |

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

373

| File Description | Documents |
|---|---------------------------|
| Upload self-attested letters with the list of students receiving scholarships | View File |
| Upload any additional information | View File |

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

41

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Institutional data in prescribed format | View File |

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

| File Description | Documents |
|---|---------------------------|
| Link to Institutional website | Nil |
| Details of capability development and schemes | View File |
| Any additional information | View File |

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

3149

| File Description | Documents |
|---|---------------------------|
| Any additional information | View File |
| Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template) | View File |

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

| File Description | Documents |
|--|---------------------------|
| Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee | View File |
| Details of student grievances including sexual harassment and ragging cases | View File |
| Upload any additional information | View File |

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

188

| File Description | Documents |
|---------------------------------------|---------------------------|
| Self-attested list of students placed | View File |
| Upload any additional information | View File |

5.2.2 - Number of outgoing students progressing to higher education

638

| File Description | Documents |
|---|---------------------------|
| Upload supporting data for students/alumni | View File |
| Details of students who went for higher education | View File |
| Any additional information | View File |

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

57

| File Description | Documents |
|--|---------------------------|
| Upload supporting data for students/alumni | View File |
| Any additional information | View File |

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

17

| File Description | Documents |
|--|---------------------------|
| e-copies of award letters and certificates | View File |
| Any additional information | View File |

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

Formation of Student Council at college level is governed by the University and State Government regulations, and there have been no such regulations for implementation / formation of Student Council in Colleges since many years. However, students actively participate as representatives on the following academic and

administrative committees of the college.

1. IQAC - The IQAC committee of the college includes two student representatives who participate in all the meetings of the committee and give their observations and suggestions.
2. The committee constituted under Prevention of Sexual Harassment Committee as well as Anti Ragging Cell/Committee also include a student representative.
3. The Social Outreach and Enabling Center (SOEC) and SAATHI Enabling Center have group of volunteers who coordinate activities/ programmes for Divyangjan students.
4. Students also participate in "College Magazine Committee" (Madhyam) and assist in designing the pages of the magazine.
5. The Green Campus Committee, which monitors environmental issues related to the campus, has student representations.
6. NSS and NIT (National Integrity Tour- NSS) is represented by students who actively participate in implementing outreach programmes under NSS.
7. Students representatives are part of Annual festivals and coordinate towards organising different co-curricular activities. The coordination and execution of these activities is entirely carried out by students.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | Nil |

5.3.3 - Number of sports and cultural events / competitions organised by the institution

16

| File Description | Documents |
|--|---------------------------|
| Report of the event | View File |
| List of sports and cultural events / competitions organised per year | View File |
| Upload any additional information | View File |

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The alumni association of college is a registered company under Section 8 of Company Act (Corporate Identity number, U85300PN2021NPL201480). The alumni provide support services in the following ways:

1. Alumni engage in the academic process of the college by serving as members of Boards of Studies under illustrious alumni category.
2. Notable alumni serve as Chief Guests, resource persons and keynote speakers for conferences, seminars and other activities.
3. They provide orientation and training during pre-placement activities of the college and facilitate placement activities for present students.
4. Alumni also provide help in collaborations with industries (Bluepineapple Solutions).
5. Some Alumni have also helped by guiding the students as their external guides on latest topics in research for the student's projects. This helps the students to be in touch with the latest updates in their respective fields.

Other initiatives (under Meet a Friend/ Alumni Connect)

1. Workshops for curriculum development
2. Guest lectures and workshops for technology upgradation for teachers and students
3. Workshops on research methodology
4. Guidance lectures/ sessions for competitive examinations
5. Webinars on trends in technology
6. Active participation and guidance through mentoring sessions.

7. Guidance for answering post graduate entrance examinations of various universities.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional Information | Nil |

5.4.2 - Alumni's financial contribution during the year

A. ? 15 Lakhs

| File Description | Documents |
|-----------------------------------|---------------------------|
| Upload any additional information | View File |

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The foundation of Vision and Mission of the Institution was laid in 1885, when Deccan Education Society (DES) and subsequently the College was established. The Vision of the Institution emphasized "Knowledge" and this has reflected in the College emblem, which bears inscription "Knowledge is Power".

The leadership of the institution has provided an open platform for students for by providing them with varied learning opportunities through well-defined learning outcomes and assessments based on their learning outcomes.

Nature of Governance

1. The overall Governance of the College is managed by our parent organization -Deccan Education Society (DES), which overlooks all the administrative processes.
2. The College follows the governance structure prescribed by the UGC for Autonomous Colleges. In addition, there is 'College Development Committee" as per Maharashtra Universities Act, 2016.
3. Statutory and Non Statutory committees ensure efficient functioning of the College.
4. The perspective plan is prepared by Internal Quality

Assurance Cell (IQAC) and approved by the GB.

5. Some of the initiatives are as follows: outcome based education model, capacity building of teachers, strengthening of skills sets of students through various approaches (experts from national Institutes, Industry, Community etc.), revising syllabi and fine tuning them with industry/ community needs.

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional Information | https://fergusson.edu/article/Vision&mission.html |

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Level1: Participative leadership is reflected in academic and administrative decisions of the college which involves Principal, three vice principals, Controller of Examinations, Coordinator IQAC, Heads of the department and Coordinators of post graduate programmes. They are also enabled with certain set of administrative powers.

Level 2: There are committees (Statutory and non-statutory) to facilitate appropriate functioning of the college and timely compliances of academic and administrative activities and guided by IQAC.

Level 3: The college has "College Development Committee" (CDC) under section 97 of Maharashtra University Act, 2016.

Level 4: Governing Body is the apex body for all approvals related to academic and administrative activities/ reforms.

Other academic/ administrative divisions

1. Examinations: Controller and Deputy Controllers and Board of Examination.
2. The college has three offices - grant-in-aid, self-finance and the third is the accounts and finance section.
3. Maintenance of IT infrastructure- 02 engineers.
4. ERP- ERP Committee Execution Committee.
5. Research and PhD admissions- The Research Coordination

Committee (RCC)

6. Extension and student support services (SOEC and NSS)- separate team of teachers with one Coordinator/ Programme Officers.
7. Sports- Gymkhana Managing Committee + 01 Director, Physical Education.
8. Library- Library Advisory Committee.

| File Description | Documents |
|---|---|
| Upload strategic plan and deployment documents on the website | View File |
| Upload any additional information | View File |
| Paste link for additional Information | https://fergusson.edu/article/institutional_bodies.html |

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Curriculum Design and Development

Planning

Strengthening Board of Studies.

Execution

Introduction of skill enhancement component and project-based learning for Arts and Science and at UG and PG levels.

Outcome

Enhanced employability of courses and project-based learning at both UG and PG levels.

Teaching-Learning

Planning

Implementation of OBE

Execution

Training workshops and its integration on ERP for all programmes.

Outcome

The College has adopted its own OBE model which is integrated on ERP.

Evaluation

Planning

Automation and flexible methods of assessments.

Execution

Training for automation and methods adopted for flexible assessment.

Outcome

Automation in Evaluation.

IT / ICT infrastructure

Planning

Upgradation of facilities, efficient use of ERP for e- governance and development of ILMS system.

Execution

ERP for e-governance implemented. 21 additional Wi-fi zones have been created in the campus. Library automation initiated with RFID tagging of books, making issue/return automated, implementation of M-OPAC and other features.

Outcome

Effective use of ERP, net connectivity with a speed of 2.5GHz and 5.00GHz in all departments, internet switches of SG220(POE) and SG220 (non-POE) with 1 GBPS port and 2/4 fiber ports to increase

the number of connected machines is installed.

| File Description | Documents |
|--|---|
| Strategic Plan and deployment documents on the website | View File |
| Paste link for additional information | https://www.fergusson.edu/upload/document/41105_StrategicPlanandDeploymentNew.pdf |
| Upload any additional information | No File Uploaded |

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

The College is managed by Deccan Education Society (DES), Pune. The administrative set up ensures effective management through its governance structure as stated in UGC regulations. In addition to this there is "College Development Committee" (CDC) as per Maharashtra University Act, 2016. The CDC participates in functioning of the college by looking into issues of infrastructural requirements of the college, approval of leaves of teachers and other issues of teachers. Statutory and non-statutory committees ensure effective implementation of policies and procedures of the College in all academic and administrative processes. IQAC is responsible for monitoring teaching-learning processes of the college, implementation of OBE model and promotion of quality circles in the campus. The IQAC prepares proposals and presentations for funding schemes of central agencies. Implementation of programmes/ activities as required by the scheme is carried out by IQAC. Similarly, timely data submissions to University, AISHE, NIRF and preparing and uploading of AQAR are carried out by IQAC.

The service rules for grant-in-aid teachers are as per the regulations of department of higher and technical education, Government of Maharashtra and Joint Director, Pune region. The appointment of teachers is as per UGC regulations and norms of affiliating university.

| File Description | Documents |
|---|---|
| Paste link to Organogram on the institution webpage | https://www.fergusson.edu/upload/document/80012__Organogram.pdf |
| Upload any additional information | View File |
| Paste link for additional Information | Nil |

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

| File Description | Documents |
|---|---------------------------|
| ERP (Enterprise Resource Planning) Document | View File |
| Screen shots of user interfaces | View File |
| Details of implementation of e-governance in areas of operation | View File |
| Any additional information | View File |

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The college has constituted welfare measures and a concrete support system for its staff (teaching and non-teaching).

Welfare schemes for Wellness

1. For teaching and non-teaching staff of self-finance- Medical insurance, Gratuity, provident fund and earned leave.
2. Staff Quarters/ Residential Quarters are provided to the Principal, Chief Rector of Hostel and few teaching-nonteaching staff of the college in campus.
3. Job for compassionate grounds for non- teaching staff.
4. Yoga sessions for staff.

Financial Welfare Support Schemes

The College has well established "Registered Credit Cooperative Society- "Fergusson College Pathpedi" for all teaching and non-teaching staff of the college. There are four different loan schemes for staff members in addition to eight different investment schemes for staff. Other schemes for academic and research capabilities are :

1. Duty Leave for participating in State/National level conferences and seminars
2. Special duty leaves for participating in overseas conferences/seminars
3. Financial support to attend and present research papers at conferences and seminars or attend through reimbursement of registration fees.
4. Seed money for research.
5. Certificate/Letter of Appreciation for exemplary work in research and consultancy and cash award of Rs. 15,000.00.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | Nil |

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

1

| File Description | Documents |
|---|---------------------------|
| Upload any additional information | View File |
| Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template) | View File |

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

9

| File Description | Documents |
|--|---------------------------|
| Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres) | View File |
| Upload any additional information | View File |

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

55

| File Description | Documents |
|---|---------------------------|
| Summary of the IQAC report | View File |
| Reports of the Human Resource Development Centres (UGC ASC or other relevant centers) | View File |
| Upload any additional information | View File |

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The College/Institution has inbuilt mechanism which performs timely checks on the expenditures incurred under various budget heads of the Institution. The checks are performed on expenditures incurred from the College funds as well as for all types of grants received from government funding agencies like UGC, DBT and others. The timely checks are carried out by the Accounts Department of the College, External Auditor (Chartered Accountant) and Internal Auditor (Chief Finance Officer of parent organization ie., Deccan Education Society). Apart from this, regular meetings are also conducted which help in allocating the budget- department wise/activity wise, in tune with the objectives of the schemes. Audit/Verification consists of verification of all cash bank receipts and payments, list of major cash payments, verification of TDS applicability, bank reconciliation of accounts, salary register and TDS, refund of admission cancellation cases and budget variance. Similarly, verification of scholarship accounts is carried out timely.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | Nil |

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

2.2

| File Description | Documents |
|---|---------------------------|
| Annual statements of accounts | View File |
| Details of funds / grants received from non-government bodies, individuals, philanthropists during the year | View File |
| Any additional information | View File |

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

There are different sources from where funds are received by the college.

1. The main resources are fees (grant-in-aid and self-finance), grant-in-aid salary and interest from banks.
2. The other sources are funds from UGC, BRNS, ISRO etc., for different schemes.
3. Funds in the form of donations are received only by our parent organization ie., DES. Most of the time these funds are meant for providing endowments/ scholarships to students or for developing a particular space on the campus.
4. Additional expenses (over and above the budgetary provisions) is met out by DES.
5. It is ensured by every department/ teacher coordinator and IQAC, to look into expenditure made under schemes under the specified budget heads of the scheme. An SOP is in place for utilization of funds under schemes from different agencies.
6. For any kind of purchase/ repairs, DES has a list of 44 questions which justify the purchase/ repair, once this is approved in the CDC, then it is passed on to the Governing Body of DES, which finally approves it.
7. For purchases under schemes or through schemes, DES has established 'Central Purchase Committee" (CPC).

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional Information | Nil |

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Post accreditation the focus was on developing curricula in tune with industry needs and establish outcome based education model. Three new academic programmes has been introduced. Teaching-learning has also been augmented through PMRF fellows (IISER, Pune) visiting different departments and training students for variety of competitive exams, entrance exams and also provide new knowledge with specific reference to technology upgradation. Examination processes have been automated. Library services are remotely available to registered users and ILMS system has been implemented. Teachers have been motivated to publish their work in UGC CARE list journals. Plagiarism check software (TURNITIN) has been purchased and made available to all researchers and Ph.D guides. Incubation center activities have gained pace in past two years and seven start Ups have been registered and MoA has been signed.

One practise which has been successfully implemented based on institutional strategic plan is -

1. Teaching-Learning and Evaluation

a) Training of teachers for the use of different pedagogies has been practiced especially with reference to ICT tools used for teaching-learning

b)Flexible methods of evaluation/ assessment has been practiced by all departments.

c)Automation in examination processes through ITLE module is well established.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | Nil |

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The IQAC reviews teaching-Learning process, structure and methodologies of operation and learning outcomes at periodic intervals.

Review- I: Academic Audit

a) The review starts with course allotment by the head of the department and the teacher prepares a teaching plan for the course based on the number of days available for teaching. Details are entered in 'teachers diary' and then verified by HoD.

b) At the end of the semester the teacher submits a one-page academic audit report to the Head of the department. This was then reviewed by the faculty vice principal and IQAC.

c) The academic audit is part of the annual performance appraisal of the teacher which is again verified by the IQAC.

Review-II: Monitoring of teaching-learning through OBE

a)Outcome Based Curriculum/ syllabus

Curriculum for all academic programmes is OBE based.

b)Outcome Based Teaching-Learning

Student centric teaching pedagogies/ methods and flexible methods of evaluating students are practiced.

c)Course Attainment

Attainment of CO, PO and PSOs is evaluated by using direct and indirect assessment tools by using OBE software.

| File Description | Documents |
|---------------------------------------|---------------------------|
| Upload any additional information | View File |
| Paste link for additional information | Nil |

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

B. Any 3 of the above

| File Description | Documents |
|--|---|
| Paste the web link of annual reports of the Institution | https://fergusson.edu/article/IQACAnnualProgressReports.html |
| Upload e-copies of accreditations and certification | View File |
| Upload details of quality assurance initiatives of the institution | View File |
| Upload any additional information | No File Uploaded |

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Response:

Fergusson College takes different measures to sensitize its student community on gender equity through curricular, co-curricular activities and extension activities. Committees like Internal Complaints Committee ensures safety of the students.

Evidence of gender equity:

Annual gender action plan is prepared, implemented and published

on the website.

Curriculum

The curricula especially for social sciences is designed to include gender perspective to look at concepts and processes in the particular discipline. Women's representation, role and position in development is studied in political science and economics. While geography syllabus focuses on the impact of scarce resources on gender, sociology questions the pendency of implementation of social reforms related to marriage and family and other constitutional and legal provisions. Literature by women is studied in the language curricula. Generally, the outlook of the curriculum is inclusive and focuses on understanding women as equal citizens.

Co-curricular activities

Few glimpse of co-curricular activities organized by the College that throws light on gender related issues and challenges:

1. Poster Exhibition on "Women in Freedom Movement"
2. Poster making competition was organized on "Women: Struggle and Rise"
3. A lecture on "Mental health of Woman" was arranged on 8th March 2021

| File Description | Documents |
|---------------------------------------|---|
| Upload any additional information | View File |
| Paste link for additional Information | https://www.fergusson.edu/upload/document/45269_GenderActionplan.pdf |

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

| File Description | Documents |
|--------------------------------|---------------------------|
| Geotagged Photographs | View File |
| Any other relevant information | View File |

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Response:

1. Solid Waste Management:

Solid waste management process of the institution is certified by Enrich Consultants, Pune. Leaf litter collected from campus is composted using compost pits. Food waste from the canteen is disposed of through Biogas generation plant. Plastic and paper waste is handed over to an authorized agency for recycling.

2. Liquid Waste Management:

Liquid waste in the form of greywater is treated using treatment plant and used for watering gardens in campus.

3. E-Waste Management

E-waste generated is collected centrally in the E-waste collection bin. College avails the services of 'Purnam Ecovision Foundation' to dispose-off e-waste.

4. Waste Recycling System

Plastic and paper waste is collected and handed over to an authorized agency for recycling. Liquid waste in the form of greywater is treated using treatment plant and used for watering campus gardens.

5. Biomedical Waste Management

Laboratory waste generated during practical sessions, is disposed of by set procedures. Used sanitary napkins are disposed of using incinerators installed at ladies' washrooms.

6. Hazardous Chemicals and Radioactive Waste Management

Laboratories do not use any radioactive material for academic purpose or research work. Chemistry laboratories have fume-hoods

which removes gases, vapours and control exposure to hazardous or toxic fumes.

| File Description | Documents |
|---|---------------------------|
| Relevant documents like agreements/MoUs with Government and other approved agencies | View File |
| Geotagged photographs of the facilities | View File |
| Any other relevant information | View File |

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

| File Description | Documents |
|--|---------------------------|
| Geotagged photographs / videos of the facilities | View File |
| Any other relevant information | View File |

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

A. Any 4 or All of the above

| File Description | Documents |
|--|---------------------------|
| Geotagged photos / videos of the facilities | View File |
| Various policy documents / decisions circulated for implementation | View File |
| Any other relevant documents | View File |

| 7.1.6 - Quality audits on environment and energy undertaken by the institution | |
|--|--|
| <p>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</p> <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3.Environment audit 4. Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities | <p>A. Any 4 or all of the above</p> |
| File Description | Documents |
| <p>Reports on environment and energy audits submitted by the auditing agency</p> | <p>View File</p> |
| <p>Certification by the auditing agency</p> | <p>View File</p> |
| <p>Certificates of the awards received</p> | <p>View File</p> |
| <p>Any other relevant information</p> | <p>View File</p> |
| <p>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.</p> | <p>A. Any 4 or all of the above</p> |

| File Description | Documents |
|--|---------------------------|
| Geotagged photographs / videos of facilities | View File |
| Policy documents and brochures on the support to be provided | View File |
| Details of the software procured for providing assistance | No File Uploaded |
| Any other relevant information | No File Uploaded |

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

The College provides a rational, equitable, fair and inclusive environment to staff and students belonging to all the diverse strata of the society.

1. Activities for Promotion of Cultural Harmony and Diverse Culture:

The following are few activities which inculcates a feeling of cultural harmony and appreciation towards diverse culture:

- a) Traditional day is celebrated at 2021-22 annual festival.
- b) A 3 days workshop on "Know Our North-East India" and a quiz "Ahom" related to culture, food and history of Assam organised by NSS unit.
- d) Sociology department organised programs to showcase the cultural diversity of India.
- e) History department organised the Heritage conservation awareness rally.

2. Activities for Promotion of Languages:

The College promotes an inclusive environment by organising various activities like Hindi Diwas, Marathi Bhasha Din, promotional activities for German language, One-Act Play competition in Sanskrit language, Geeta Jayanti, Meghdoot Triveni, and Performing Arts in Sanskrit

3. Activities for Promotion of Socioeconomic Inclusivity:

a) Provision for 'Needy student's fund' for financial support.

b) Activities to promote socioeconomic activities : Drama on socioeconomic and psychological issues faced by elderly , social outreach programme on 7th May 2022 to sensitize students towards health problems faced by rural people

| File Description | Documents |
|--|---------------------------|
| Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution) | View File |

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

The College conducts various activities to imbibe the constitutional spirit among the staff and students.

1.Sensitization Programmes on Constitutional Obligations

a) Department of Political Science arranged an interview on 'Indian Democracy' which enthused the students about the rights and commitment to constitutional values.

b) NCC unit celebrated 'International Anti-Corruption Day' which highlighted the responsibilities of youth towards demolishing corruption.

c) Commemoration of 'Kargil Vijay Diwas' was observed by NCC unit.

d) Invited talks by NSS unit on topic like 'Saksham Bharat' motivated the students to follow their duties towards the society.

e) Voter Awareness Drive' was conducted at the College campus.

f) The Government of India initiative of Azadi Ka Amrut Mahotsav was enthusiastically responded to by Fergusson College through a series of programmes.

2. Activities to Promote Values of a Responsible Citizen

a) Blood donation camps were organised at college which helped to sensitise the students.

b) NCC unit took initiative to organise 'Swachh Bharat Abhiyan'.

c) The College conducts compulsory courses as a part of the credit structure of the sgraduate and postgraduate degree programmes: Democracy, Election and Governance, Introduction to Constitution and Human Rights

3. Student Research Project on Constitutional Obligations :

Students in college pursue their academic research projects reflecting constitutional values as a part of their academic programme.

| File Description | Documents |
|---|---------------------------|
| Details of activities that inculcate values necessary to transform students into responsible citizens | View File |
| Any other relevant information | View File |

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

B. Any 3 of the above

| File Description | Documents |
|--|---------------------------|
| Code of Ethics - policy document | View File |
| Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims | View File |
| Any other relevant information | View File |

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The College observes national and international commemorative days, events and festivals throughout the year. Birth anniversaries of freedom fighters (like Mahatma Gandhi, Netaji Subhash Chandra Bose, Swatantryaveer Sawarkar, Lokmanya Bal Gangadhar Tilak, etc.), social and religious reformers from Maharashtra (Savitribai Phule, Swami Vivekananda, Sant Gadgebaba, Mahatma Jyotiba Phule, Rashtrasant Tukadoji Maharaj, Raje Umaji Naik, Rajarshi Shahu Maharaj, Dr. Babasaheb Ambedkar, Sahityaratna, Annabhau Sathe, Birsa Munda, etc), Saint-poets from medieval India (Sant Ravidas Maharaj, Mahatma Basaveshwar and Sant Santaji Jagnade Mahara etc.), prominent personalities who have shaped the history of medieval India (like Jijau Masaheb, Chhatrapati Shivaji Maharaj, Maharana Pratap and Ahilyadevi Holkar Jayanti) are celebrated.

Special days are observed as national days in order to commemorate some values and goals cherished by the Indian Constitution like Constitution Day, Shaheed Divas, Anti-Terrorism and Anti-Violence Day, Rashtriya Sankalpa Diwas, Rashtriya Ekata Diwas, Sadbhavana Diwas, Kargil Vijay Diwas, Armed Forces Flag Day etc.

International Days are also celebrated with full enthusiasm like International Yoga Day, World Environment Day, National Science day and since we have many blind students in our college, we observe Louis Braille Day to renew our commitment to inclusion and empowerment of the visually disabled students.

| File Description | Documents |
|--|---------------------------|
| Annual report of the celebrations and commemorative events for during the year | View File |
| Geotagged photographs of some of the events | View File |
| Any other relevant information | No File Uploaded |

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice:

1. Title of Practice: Fostering Active Learning Strategies in Teaching-Learning
2. Title of the Practice: Diversification of Social Outreach Activities and Fostering Social Responsibility
3. Title of the Practice: Efforts for Differently abled students - SAATHI Enabling Center
4. Title of the Practice: Frontiers in Physics - A National Student Seminar

| File Description | Documents |
|---|---|
| Best practices in the Institutional website | https://fergusson.edu/article/IQAC_Best_Practices.html |
| Any other relevant information | Nil |

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

The Institution/College has been performing excellent in providing quality education to all its students and mainly focusing on their overall development as a citizen and also taking efforts towards their progression and employability. The performance of the Institution in Teaching-Learning has been remarkable. This has been appreciated by the University Grants Commission and the Institution was awarded, "College of Excellence". The Institution /College has also always figured in top 100 in National Institutional Ranking. Undergraduate and postgraduate programmes offer internships/ dissertations /project work and also offers courses available on SWAYAM-MOOCs as a part of the curriculum. Teaching-Learning has evolved in these years, with teachers using different teaching pedagogies like use of models, softwares, flip classrooms, ICT platforms and e-resources and using virtual methods as well. The focus is mainly on identifying the learning levels of students and taking appropriate measures. At entry level

of all Postgraduate programmes an academic diagnostic test is being conducted to check the learning level of students and accordingly department offer bridge courses to cover the academic gap. The College has been awarded with the UGC-STRIDE (Scheme for Transdisciplinary Research for India's Developing Economy) under component-I. College also promotes interdisciplinary research among all the above Science and Social Sciences and Humanities departments of Arts faculty. Fergusson College has also established "Dr. P. C. Shejwalkar Centre for Entrepreneurship and Innovation" in collaboration with sister institution Institute of Management Development and Research to support innovation.

| File Description | Documents |
|---|---|
| Appropriate link in the institutional website | https://fergusson.edu/upload/document/8835___Institutionaldistinctiveness.pdf |
| Any other relevant information | No File Uploaded |

7.3.2 - Plan of action for the next academic year

Plan of Action

Achievements

1

Outcome Based Education

1. Implemented for all academic programmes with a system of assessment of outcomes. Articulating Course Outcomes for all undergraduate and post graduate academic programmes as per revised Bloom's Taxonomy.
2. Implemented evaluation system based on OBE and measuring the attainment of Programme Outcomes, Programme Specific Outcome and Course Outcome for all post graduate academic programmes.

2

Mentoring

Strengthened Mentoring system by linking activities of mentoring with industry networks (NHRDN, Pune Chapter) and a platform for students to interact with industry personnel and discuss industry relevant issues for student career progression.

3

Transdisciplinary Learning

Workshops and training programmes have been conducted for -Research Capacity Building and workshops on integrating science stream with specific subjects in Arts.

4

Preparation for Assessment and Accreditation

For data management for NAAC IV SSR, every department has a D-IQAC coordinator and a team of teachers to help in data management

5

Research

Disbursement of Seed money after appropriate screening, procurement of plagiarism check software and establishment of Dr. P. C. Shejwalkar Center for Innovation and Entrepreneurship

6

Consultancy

Two consultancy projects completed with KPIT Pvt Ltd., Pune and teachers have undertaken consultancy projects in areas like hydrogeology and corporate training for IT industries.

7

Library Automation

Complete automation of library services have been achieved and ILMS system has been implemented.

