# YEARLY STATUS REPORT - 2021-2022

| Part A | |
|---|---|
| **Data of the Institution** | |
| **1.Name of the Institution** | THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA |
| • Name of the Head of the institution | PROF.(DR.) VIJAY KUMAR SRIVASTAVA |
| • Designation | VICE CHANCELLOR |
| • Does the institution function from its own campus? | Yes |
| • Phone no./Alternate phone no. | 02652795600 |
| • Mobile no | 9426163888 |
| • Registered e-mail | vc@msubaroda.ac.in |
| • Alternate e-mail address | pstovc@msubaroda.ac.in |
| • City/Town | VADODARA |
| • State/UT | GUJARAT |
| • Pin Code | 390002 |
| **2.Institutional status** | |
| • University | State |
| • Type of Institution | Co-education |
| • Location | Urban |

| | |
|---|---|
| • Name of the IQAC Co-ordinator/Director | **PROF. (DR.) BHAVNA MEHTA** |
| • Phone no./Alternate phone no | **02652791411** |
| • Mobile | **9376225001** |
| • IQAC e-mail address | **iqacdirector@msubaroda.ac.in** |
| • Alternate Email address | **mehta.bhavna-sw@msubaroda.ac.in** |
| **3.Website address (Web link of the AQAR (Previous Academic Year)** | https://msubaroda.ac.in/AQAR |
| **4.Whether Academic Calendar prepared during the year?** | **Yes** |
| • if yes, whether it is uploaded in the Institutional website Web link: | https://msubaroda.ac.in/Academic_Calendar |

**5.Accreditation Details**

| Cycle | Grade | CGPA | Year of Accreditation | Validity from | Validity to |
|---|---|---|---|---|---|
| **Cycle 2** | **B** | **2.71** | **2010** | **10/03/2010** | **26/03/2015** |
| **Cycle 3** | **A** | **3.16** | **2016** | **16/12/2016** | **15/01/2021** |
| **Cycle 4** | **A+** | **3.43** | **2022** | **30/08/2022** | **29/08/2027** |

| **6.Date of Establishment of IQAC** | **05/01/2009** |
|---|---|

**7.Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

| Institution/ Department/Faculty | Scheme | Funding agency | Year of award with duration | Amount |
|---|---|---|---|---|
| Prof. P. Padmaja | EXAFS as tool to probe the adsorption of uranium onto magnetic chitosan zirconium phosphate bionanocomposite | UGC-DAE CSR | 1 | 213000 |
| Dr. Ravi Vijayvargia | A combinatiorial approach to target dysnegulated pathways of Huntington's diesease using small molecules | ICMR | 1 | 1843966 |
| Dr. Ranjitsinh Devkar | Liver-adipocyte Crosstalk in NASH: Investing Circadian Clock associated miR-122 signatures | DBT | 2 | 2454000 |
| Dr. Sanjeev Kumar | Metabolically Activated Macrophages( Mme) in Obesity and Diabetes: a pilot | ICMR | 1 | 2472966 |
| Dr. | Decipehring | ICMR | 1 to 3 | 3729189 |

| Laxmipriya Nampoothiri | the role of mitochondria in depressive pathology in polycystic ovarin syndrome-a Rodent Study | | | | |
|---|---|---|---|---|---|
| Dr. Prakash Pillai | Role of PDGF Ra-Intergrin interactions and involvement of lipid rafts in anoikis resistance: possible implications for glioblastoma progression | ICMR | 1 to 3 | 2190966 | |
| Prof. Amit Patel | Value addition to agricultral waste of wheat straw rice straw and rice musk by biochar production using intermediate pyrosis | DST | 3 | 3535340 | |
| Prof. Pradeep P. Deota | Photocycloaddition of Citraconic Anhydride and Isopropenyl Acetate as Propyne | CSIR | 1 to 3 | 1270000 | |

| | Equivalents: Synthesis of Levugelandin analogs and prostanoids | | | |
|---|---|---|---|---|
| Prof. Sarita Gupta | for DBT-Boost to university Interdisciplinary Life Science Dept. of Education and Research Programme (DBT-Builder-III) | DBT | 5 | 34169380 |
| Prof. Devershi Gajjar | M.Sc. Biotechnology (2nd Phase) | DBT | 5 | 36360000 |
| Prof. P. Padmaja | Gender Advancement for Transforming Institutions (GATI) | DST | 1.5 | 799200 |

| 8.Whether composition of IQAC as per latest NAAC guidelines | Yes | |
|---|---|---|
| - Upload latest notification of formation of IQAC | View File | |
| 9.No. of IQAC meetings held during the year | 20 | |
| - The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report) | No | |

| | |
|---|---|
| • (Please upload, minutes of meetings and action taken report) | No File Uploaded |

**10.Whether IQAC received funding from any of the funding agency to support its activities during the year?** — **No**

| | |
|---|---|
| • If yes, mention the amount | |

**11.Significant contributions made by IQAC during the current year (maximum five bullets)**

Compilation and submission of institutional information for Quality Assessment.

Collection and Compilation of the data from faculties/cells-centers/sections/units.

Fine turning of data and addressing the residual issues.

Preparation and submission of data in the prescribed format of Self Study Report.

Redressal of the queries of SSR.

Research policy restructured to encourage. teachers for more research projects, publication and output per teacher.

**12.Plan of action chalked out by the IQAC in 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 |
|---|---|
| Filling and publication of patents | 44 patents filled/ granted |
| Analysis of curriculum for other components | completed to extent of 90% |
| Analysis of curriculum for level of bloom taxonomy | completed to extent of 90% |
| Revision of syllabus and introduction of new courses | completed to extent of 25 almost and 7 Accomplished |

**13.Whether the AQAR was placed before statutory body?** — **Yes**

| | |
|---|---|
| • Name of the statutory body | |

| Name | Date of meeting(s) |
|---|---|
| Executive Council and IQAC Committee | 09/03/2023 |

| **14.Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?** | No |
|---|---|

**15.Whether institutional data submitted to AISHE**

| Year | Date of Submission |
|---|---|
| 2021-2022 | 15/02/2023 |

**16.Multidisciplinary / interdisciplinary**

MSUB offers interdisciplinary/integrated academic programmes with adoption of CBCS/Electives/Specialization and also Certificate/Add-on/Value Added Courses. The students' have an option to choose from Intra-Faculty/Inter-Faculty options of Core/Elective and or Open Elective/Interdisciplinary Electives that are offered with seamless credit transfer in modular form. The university is fortunate to have competent faculties who proficiently design the curricular aspects. MSUB offers more than 6500 Core, Interdisciplinary and Multidisciplinary Courses. The CBCS provides access to a large number of interdisciplinary diverse and substantial choices concerning Sports, Performing Arts and Foreign Languages. Credit transfer facility exists for academic programmes which have partnerships with International Universities which mainly comprises Western European Universities. The vertical flexibility is provided in professional courses viz., MCA, MBA, MSW, LL.B., B. Ed., etc. and student of Arts can join the BCA Programme, Students can join from viz., B.E. (Mechanical ) to M.E. (Metallurgical Engineering), B.E. (Chemical Engineering) and B.E. (Metallurgical Engineering), B.Sc. (Chemistry) to M.Sc. (Bio-chemistry) & M.Sc. (Nanotechnology) to B.Sc. Graduates having Physics, Chemistry or Mathematics. MSUB has established the Institute of Interdisciplinary Studies the Research and Consultancy Cell & Office of International

Affairs to promote interdisciplinary teaching-learning & research. MSUB has become a partner university in Erasmus Mundus Mobility Consortium-EUPHRATES for mobility to the European Partner Universities and which has further enhanced the interdisciplinary research environment. The Faculty of Technology & Engineering (FTE) has established Departments in Applied Sciences viz., Applied /Applied Mathematics/Applied Physics and teaching and research activities of these departments are designed to promote interdisciplinary work in partnership with various other departments of FTE viz., Chemical /Electrical/ Material Science and Metallurgy etc. The Department of Applied Mathematics has initiated several interdisciplinary programmes & has set up a Centre of Industrial Mathematics to address interdisciplinary problems. Department of English caters to the students of many faculties for the teaching of English. MSUB has established the Centre for Urban Studies with the major focus to bring departments viz., History, Fine Arts, Science, Technology & Engineering, Economics, Commerce by the adoption of interdisciplinary approach under one roof and work for the overall future and ongoing challenges of our society. The key initiatives of the university to adopt an interdisciplinary, multi-disciplinary approach includes viz., Implementation of policy of dual Ph.D. Guideship, adoption of 'UGC-Faculty Recharge Programme', internal funding by RCC, preparing and maintaining the database of research interests and expertise of individual faculty through ARMS, and adoption of DRC & FLRAC. MSUB has signed many research collaborations (National/International) that are interdisciplinary in nature. The knowledge and skills so gained percolate to the students and increase their exposure to different subjects. MSUB teachers have brought substantial funding through interdisciplinary projects. The integration of interdisciplinary subjects under CBCS necessitates handling of challenges of allocation of time, classrooms and laboratories which would be addressed in the gradual implementation of NEP2020.

**17.Academic bank of credits (ABC):**

NEP2020 is the roadway for achieving full human potential, developing an equitable and just society promoting national development. The key initiatives for the implementation of NEP2020 by MSUB mainly include Outcome-Based Education and Mapping of Attainments for Academic Programmes, Adoption of a CBCS/Electives/Specialization, and offering of Interdisciplinary, Integrated, Academic Programmes and Certificate/Add-on/Value Added Courses with credit transfer as well as the adoption of 'Academic Bank of Credit', Multiple Entry/Exit and Internationalization of Higher Education respectively. UGC has issued Regulations, 2021 for Establishment and Operation of Academic Banks of Credits (ABC) in Higher Education dated 28th July 2021 has accorded for Adoption of Academic Bank of Credit from the academic year 2021-22. The proposal has also been accorded approval by the MSUB Syndicate to adopt and introduce relevant ordinances for the lawful observance and compliances of UGC Regulations to be called as 'The Maharaja Sayajirao University of Baroda: Academic Bank of Credits (MSUB-ABC)'. Accordingly, MSUB shall amend the extant ordinances relating to, inter alia, Course registration, course requirements, acceptance for interdisciplinary and multidisciplinary courses, credits to be offered to such courses, credit transfers and acceptance from other approved Higher Education Institutions, nature of grades to be awarded etc. MSUB has already registered and submitted its application to UGC. It has adopted ABC to promote flexibility of curriculum framework and encourage interdisciplinary and multidisciplinary academic mobility of students across Higher Education Institutions in India. ABC-MSU shall provide facility to students to choose their learning path to attain a Degree or Diploma or Post-Graduate Diploma or academic qualification, working on the principle of multiple entry/exit as well as any-time, any-where, and any-level learning. ABC would enable students to integrate study from multiple disciplines of higher learning, leading to the desired learning outcomes including enhanced creativity, innovation, higherorder thinking and critical analysis. Adoption of ABC provides significant autonomy to students to choose

from a basket of courses for an academic programme of study, flexibility in curriculum, novel and engaging course options across several higher education disciplines and or institutions. For effective implementation of MSUB-ABC, each Faculty/College/Institutes Centers/Cells shall be required to prepare a programme-wise dynamic and flexible basket of courses offered by other faculties to complete the credit requirements for the award of respective degree. Basket of courses would be grouped as Minor/Allied discipline; Electives Open/Generic, Skill Enhancing etc. that the student may wish to pursue as per his/her interest. The MSUB-ABC shall provide student counselling and guidance to students desirous of opening an Academic Bank Account concerning the details of utilization of the services of ABC in terms of Credit Definition, Accumulation, Transfer and Redemption as well as in respect of the Opening, Closure and Validation of Academic Bank Accounts of Students with the support and feedback of the IQAC.

## 18.Skill development:

MSUB is proactive in seizing opportunities towards setting up for skill development. Student-centric learning is one of the prime objectives of the university. It has adopted a multi-strategy model to identify interests and skills of students that are incorporated in the teaching-learning process for skill development. The curricula aims to sharpen students' soft, conceptual, human, technical, entrepreneurial, professional and employability skills to meet their glocal needs. Add-on and Certificate Courses are offered to students for developing specialized and additional skills. Youth festival is organized to unleash students' potential in literary, sports, fine arts, public speaking, poetry, arts and crafts, and performing arts. It fosters in students' confidence, discipline, partnership, team building, communication, leadership and management skills and provides them with an opportunity of relevant work experience for skill enhancement to ensure their holistic growth and development resulting in creation of a sense of belongingness and recognition. Student bodies help them to create connections, build

relationships, expand skillsets, sensitize, orient and inculcate values and ethical practices. Imparting of communication skills has been considered as an option under the CBCS Scheme. MSUB has established various Institutes/Centers/Cells/Offices for enhancing skills development, internships, and placement. Directorate of Students' Welfare organizes workshops and seminars on Performance and Professional Skills. MSUB has established the CFSI CFI and MSISEC for providing impetus to the growth of innovation and start-up ecosystem in the university and region. MSUB has established the "Centre for Life-Long Learning and Extension" to provide skill development training programs to generate employability. MSUB has established ILG, IFT, MRID, etc. to conduct socially relevant, application-oriented, job-oriented, knowledgeoriented Skill Development Programmes. The
Anchor Institute and Siemens Institute has been setup in collaboration with the Government of Gujarat, Ministry of Industries specifically to provide skill development. The extension programmes of the university includes skill laboratory training for micro skill development, self-development and management programmes for the development of managerial skills and teamwork to enhance the analytical and presentation, and projection skills of the students. NCC conduct sessions for students to guide them regarding the prospects in the armed forces. NSS organizes numerous activities and camps to join hands in the implementation of national initiatives. The "FOOTPRINTS" event help students to enhance their analysis and rational skills to boost confidence and personality. With the experiences of various sponsorships, public handling, mass communications, the students get hands-on experience, that helps them during placement interviews. Students learn pressure and stress handling, execution capabilities, management skills through event handling. Career and Counselling Cell, Office of Corporate Affairs, Management Development Centre, Computer Centre etc. conducts lectures, special sessions, group discussions, extempore speaking sessions, skill development
courses and training of the staff/students in ICT methods. MSUB has also established an All India and

Central Services Training Centre that supports, guides and mentors' students for the preparation of competitive examinations.

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

MSUB reflects the core values of the erstwhile State of Baroda with an intertwining of tradition and modernity in its pursuit of excellence. The culture of excellence begins with the recognition and respect for excellence. MSUB's vision and mission centre around Innovation, Entrepreneurship and Skill Development by integrating Indian Ancient Science and Ethos reflective of its synergy with MSUB's initiatives and Action Plan vis-à-vis objectives of the implementation of NEP2020. Especially, with its two renowned Centers of Traditional Indian Practices, that is "The Sanskrit Mahavidyalaya", and "The Oriental Institute", unique in nature and probably the earliest of their kind in India, offering an opportunity for knowledge and practice of Indian Traditional Values. To cater to needs of society, industry and Government, MSUB has launched various innovative Academic Programmes/Certificate Courses specially to integrate the Indian knowledge system viz., Indian Classical Music, Dance, Dramatics Painting, Sculpture, Applied/Graphic/Visual Arts, Museology, Archaeology and Ancient History, Linguistics, Design, and Temple Management. It caters to students' needs for languages like Linguistics-Sanskrit-Hindi-English, Gujarati, Marathi, Sindhi, Urdu, Persian, Arabic, Russian, French and German. The Centre for Life-Long Learning and Extension offers Academic Programs/Courses in the area of Ancient Indian Studies, Art and Craft, Language Proficiency, Hotels/Cookery, Personal Grooming etc. It focuses upon Equity and Inclusion, Languages, Arts, Culture, and ICT for the holistic growth and development. MSUB respects and value attributes of tolerance harmony considering dress, food, habits, customs, caste, dialects, religion, culture and sensitizes students and staff towards cultural, regional, linguistic, communal and socio-economic diversities. CBCS has opened up opportunities to learn new and rare subjects, foreign languages and

Indian culture as a part of the curriculum. MSUB encourages students and teachers to actively engage in academic programmes, activities/ events related to constitutional obligations: values, rights, duties and responsibilities of citizens. It has established the Institute of Leadership and Governance to focus on training, trans-disciplinary studies, leadership, and good Governance structures. It has also established 02 Centres Centre for Indic Studies, and Centre for Theological studies (SADBHAAVNA) under ILG. It offers Short-Term Certificate Courses on viz., Bhagwad Geeta, Learning from Mahabharata & Ramayana, Panchatantra, Kautiliya Arthshastra, Sayajirao Gaekwad, Asardar Sardar, Veer Savarkar, etc. Through its scholarships, fellowships, Gold Medals and public felicitation and appreciation functions, MSUB continually encourages the value of cultural excellence in all spheres of university life. The Departments of Archaeology, Geology, History, Museology and Painting conduct special programmes to bring awareness regarding the preservation of heritage culture and to introduce the students to the heritage legacy. The university has established Centre for Urban Studies to promote academic and professional awareness of and scholarship on Urban Heritage, History, Culture, Conservation, Planning and Sustainability in Vadodara, the Gujarat Region.The students, staff and others are involved to present the heritage value of buildings, relics & artefacts of the university & plan to offer online certificate courses in future.

**20.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

MSU being MERU imparts multidisciplinary, interdisciplinary, professional, value-based, lifelong education, striving to achieve excellence in academics and research through capable faculty and students. MSUB focuses upon Equity and Inclusion, Languages, Arts, Culture, and ICT for holistic growth and development. MSUB's Vision and Mission centres around innovation, entrepreneurship and skill development by integrating Indian ancient science and ethos reflective of its synergy with MSU's quality sustenance and enhancement initiatives and preparation of an 'Action Plan' exclusively for

implementation of NEP2020. MSUB periodically and continually updates academic programmes as well as certificate, value-added, and skill-based courses. Teaching, examination and evaluations schemes are prepared with clearly defined Programme Outcomes, Course Outcomes and the Learning Objectives based on Bloom's Taxonomy. Outcome-based educational elements, like POs, PSOs and COs are being followed for all academic programmes to inculcate the spirit of proactive learning to explore different facets of knowledge based on its contextual relevance and need-based arrangements. The university systematically identifies, determines and maps attainments of POs integrating experiential, participative and problem-based teaching-learning methodologies. Course Objectives and Outcomes are pedagogically designed and mapped using a mixture of Direct and Indirect methods considering elements of Employability, Entrepreneurship, Skill Development, relevant to Local, National, Regional, Global needs, Gender, Environment and Sustainability, Human Values, and Professional Ethics. All Faculty/Department verifies documentation for each Courses/Subject for mapping of attainment. Review of teaching-learning process and outcomes for significant academic updates and quality enhancements are undertaken through Board of Studies, Faculty Boards and PG Council of Research and Studies. The outcomes are measured by assessing the performance considering pass percentage, a smaller number of dropouts and attainment of first division. Outcomes are also measured by placements and admission to higher education programs in national and international institutes, and universities. The percentage of students clearing NET/JRF, UPSC, MPPSC, UGCCSIR, GATE, GRE and other examinations are also considered. Interests and skills of the students are incorporated in the teaching-learning process consisting of Assessment, Planning, Implementation, and Evaluation. Research is an integral part of learning. MSUB has Wi-Fi enabled campus. It uses elearning tools and offers blended teaching-learning and ID-based secured Wi-Fi facility is provided to students and staff. The GER of MSU has moved up by 22 percent from 2015-16 to 2020-21. MSU has

put continual efforts into achieving excellence in academic, research, extension, governance, leadership and improving its Physical and ICT infrastructure. IQAC has strengthened the adoption of CBCS and offering of Electives/Specialization as well as introduction and revision/updating of innovative academic Programmes and Value-Added Courses. It has put efforts to improve Collaborations, entering into MoUs (National/International) influenced provisioning for 'Academic Development Fund' to implement research incentivization schemes for promoting high-quality research publications/citations, filing of Patents/Copyrights, and above all gradual implementation of NEP2020 by the university.

**21.Distance education/online education:**

Entire MSUB Campus is Wi-Fi enabled and follows ICT-enabled teaching along with conventional classroom education. ID-based secured Wi-Fi facility is provided to Students and Staff. Microsoft Teams is used to conduct virtual classes, maintain attendance, to upload study material, to conduct quizzes, submissions of assignments, use of online simulations, presentations, and animations. Online interactions include research paper presentations, seminars, debates, group discussions, assignments, quiz/tests/viva etc. The Computer Centre procures Desktops, Laptops and other digital devices and accessories through Computer Expert Committee. The teachers of the university use a wide range of ICT Tools viz., Presentations, Online Video Tutorials, Courses, Smart Board, LMS like Moodle, ICT Courses falling under MOE, SWAYAM, E-PG Pathshala, NPTEL, Virtual Labs, Spoken Tutorial, CEC, E-Yantra, Digital Library Inflibnet etc., The teachers of the university are involved in creation of e-Content for digital platforms like MOOC, E-PG Pathshala, SWAYAM, CEC, NMEICT, NPTEL, and other Government Initiatives. Teachers use opensource software as well as platforms such as ZOOM, Google Meet, WebEx for ensuring effective teachinglearning, assessment and monitoring of students' progress. It includes the use of Smart Board, JAM Board, Structure Drawing Software etc. Audio Video

Digital aids are also provided from ICT tools for better learning of students. The university has created modules for virtual labs to conduct labs through simulations to enable students to participate in labbased learning exercises without the limitations of a physical laboratory. The practical sessions are engaged through in-house demonstration Videos. e-Resources are extensively used by teachers & researchers. MSUB is also having facilities viz., Smart Class Room, Virtual lams, Advanced Video Conferencing facility, CCTV Surveillance System, language laboratory, Advanced Audio Video Studio is being developed at Faculty of Journalism for Audio Video Recording and Broadcasting and production of e-content development for Swayam, and NPTEL. The central library of the university has set up an e-Resource Centre for students and provides remote access over and above IP based access to faculty members. It offers faculty of an Online Registration Portal for registration and membership. All PhD Theses are uploaded on Institutional repositories and also on ProQuest Dissertation and Thesis. It has created an online platform "Open Knowledge Gateway" to offer customized access to ebooks, e-Journals, Directories, Dictionaries, Subject Portals having access to 01 Million e-Books through the World e-Book library and access to South Asian Archives through an active partner NDLI. Online Admissions and Examinations are being conducted. MSUB has approved and implemented Information Technology Policy, e-Governance Policy, and e-Waste Policy. MSUB has set up and supports academic activities of well-established Centres of IGNOU, & BAOU (State Open University) that offers Distance Education.

# Extended Profile

## 1.Programme

| 1.1 | **260** |
|---|---|
| Number of programmes offered during the year: | |

| File Description | Documents |
|---|---|
| Data Template | [View File] |

| 1.2 <br><br> Number of departments offering academic programmes | **73** |
|---|---|

**2.Student**

| 2.1 <br><br> Number of students during the year | **47583** |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | <center>View File</center> |

| 2.2 <br><br> Number of outgoing / final year students during the year: | **15275** |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | <center>View File</center> |

| 2.3 <br><br> Number of students appeared in the University examination during the year | **108026** |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | <center>View File</center> |

| 2.4 <br><br> Number of revaluation applications during the year | **230** |
|---|---|

**3.Academic**

| 3.1 <br><br> Number of courses in all Programmes during the year | **6753** |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | <center>View File</center> |

| 3.2 <br><br> Number of full time teachers during the year | **1107** |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | View File |

| 3.3<br><br>Number of sanctioned posts during the year | **1246** |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | View File |

## 4.Institution

| 4.1<br><br>Number of eligible applications received for admissions to all the Programmes during the year | **50433** |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | View File |

| 4.2<br><br>Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year | **8730** |
|---|---|

| File Description | Documents |
|---|---|
| Data Template | View File |

| 4.3<br><br>Total number of classrooms and seminar halls | **610** |
|---|---|
| 4.4<br><br>Total number of computers in the campus for academic purpose | **4929** |
| 4.5<br><br>Total expenditure excluding salary during the year (INR in lakhs) | **421570111.05** |

# 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 is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

**The MSUB offers interdisciplinary, multi-disciplinary and Practical-oriented academic programmes developed based on the inputs of internal and external subject experts. Outcome based educational elements, like, POs, PSOs and COs are being followed for all academic programmes to inculcate the spirit of proactive learning to explore different facets of knowledge on the basis of its contextual relevance and need based arrangements. The MSUB has adopted CBCS and Electives/Specialization which includes Indian and Foreign languages to enhance the communication, personality and professional competency of the students. The curricula enable students to inculcate technical, conceptual, human skills to meet their glocal needs. The MSUB offers Certificate Courses, Value-Added Courses, Skill Based, Supportive Courses and innovative academic programmes across disciplines. Students undertake Projects/Industrial Training in reputed institutions, curricula design aims to prepare students to excel in various competitive examinations and injects desire in them to pursue higher studies in renowned institutes.**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

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

**24**

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | **No File Uploaded** |

## 1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

## 1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

**4350**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**1.2 - Academic Flexibility**

**1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year**

**149**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year**

**6**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**1.3 - Curriculum Enrichment**

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

**The curricula of the MSUB strives to achieve holistic growth and integrated personality development of students by exposing them to issues like Gender, Environment and Sustainability, Human Values and Professional Ethics to prepare them to handle the local and global challenges to transform them into global citizens. The curriculum includes courses on viz., Gender and Society, Gender and Psychology, Rural Business Environment, Environmental Studies, Environmental Sustainability, Climate Change, Environmental Biotechnology, Business Ethics, Corporate Governance, and Management by Indian Values, etc. and the Millennium Development Goals like Environment Sustainability, Promoting Gender Equity, Women Empowerment, Employability and Global Partnership Development etc. It ensures strict adherence to research ethics, and animal ethics in conduct of**

**research studies. PhD Guides have access of iThenticate/Ouriginal anti-plagiarism software. The university has approved 'Academic Integrity Policy', and 'Code of Ethics' for students and staff. The PhD Course work includes 02 credit course on Professional Ethics, Human Values and Academic Integrity.**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

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

**77**

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | **No File Uploaded** |

**1.3.3 - Total number of students enrolled in the courses under 1.3.2 above**

**1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year**

**1730**

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | **No File Uploaded** |

**1.3.4 - Number of students undertaking field projects / research projects / internships during the year**

**2441**

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | **No File Uploaded** |

## 1.4 - Feedback System

### 1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni

- **None of the above**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

### 1.4.2 - Feedback processes of the institution may be classified as follows

- **Feedback not collected**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

### 2.1.1 - Demand Ratio

### 2.1.1.1 - Number of seats available during the year

**18488**

| File Description | Documents |
|---|---|
| Upload the data template | <u>View File</u> |
| Upload relevant supporting document | **No File Uploaded** |

### 2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

### 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

**19215**

| File Description | Documents |
|---|---|
| Upload the data template | <u>View File</u> |
| Upload relevant supporting document | **No File Uploaded** |

### 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the studentsand organises special Programmes for advanced learners and slow learners

**The Faculty and Department conducts an Orientation Programme to sensitize newly admitted students which helps them to fine tune their studies. The Faculty /Department assesses their learning levels considering their diverse backgrounds, past performance in the examinations as well as through tutorial sessions, theory classes and practical performance, to identify & assess learning capabilities, of slow and advanced learners. The slow learners also need language support and pick-up, reasoning ability development, problem solving hints, mathematical skill deficit remedying, besides discipline specific bridging of knowledge gap between that endowed with and earnestly needed. Remedial classes are conducted for students whose performance is below average in mid-semester exams. Through arrear tests, the university also permits students to improve his or her performance in the internal evaluations. Advanced Learners are encouraged to utilize the library, laboratories and equipment facilities and are assigned tasks, like solving additional higher level Bloom's Taxonomy questions, undertaking small research, market survey, practical demonstration, etc. They interact with senior faculties and researchers to exchange the knowledge on scientific experiments, opportunities and experiences. Add-on and Certificate courses are framed on the need for developing specialized and additional skills for augmenting better employment prospects.**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |
| Link For Additional Information | **Nil** |

## 2.2.2 - Student - Full time teacher ratio during the year

| Number of Students | Number of Teachers |
|---|---|
| **47583** | **1107** |

| File Description | Documents |
|---|---|
| Upload relevant supporting document | [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

**The student-centric learning is one of the prime objectives of the university. MSUB has adopted a multistrategy model to improve the overall teaching and learning experience of student. Experiential learning opportunities based on requirement are provided to the students through internships, industrial exposure fieldwork, case studies, field visits, simulations, role play, exhibitions, poster presentations, Laboratory experiments, visual arts, live performances and budget analysis to name a few. Participative Learning through group discussions, debates, paper-presentations, project demonstrations and participation in studios is encouraged in classroom activities and beyond the classroom through participation in National, International Seminars and Conferences, colloquium, participatory discussions, activity profiles, assignments participative learning etc. The students of the university are encouraged to participate in Sports, cultural, curricular and co-curricular activities. Problem solving methodologies are at the core of the teaching learning process for students and is included in the curriculum. It combines theoretical knowledge with practical activities. Curriculum with critical thinking exposure enables the students to become decision makers, conflict resolvers and alternative solution seekers. Interdisciplinary approaches as per CBCS, Blended teaching-learning pedagogy including use of ICT tools, Anytime-Anywhere learning, through MOOC courses on SWAYAM Portal, are being offered as part of curriculum.**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

**The entire MSUB campus is Wi-Fi enabled. The university utilizes ICT enabled teaching in addition to the conventional classroom education. Microsoft Office 365 Enterprise Edition and institutional email is provided to all the teachers and research scholars of MSUB. Microsoft Teams is used to conduct academic and co-curricular activities like quizzes, research paper presentations, seminars, debates, group discussions, assignments, viva etc. The Computer Centre of the university with the help of duly constituted Computer Expert Committee (CEC) procures needed ICT devices. The teachers of the university use and create wide range of ICT, E-learning tools and open source software. The university has created modules for**

**virtual labs, which allow students to participate in lab-based learning exercises without limitations of a physical lab and expanded its excess to students based remotedly during pandemic. The Examinations and Supervision were conducted in online mode during Covid-19. The online process was conducted for all phases of PhD evaluation. Several Departments have conducted webinars, workshops and several other academic and administrative activities. BoS meetings and several other meetings are conducted through ICT. The central library of the university has given remote access over and above IP based access to faculty members.**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

**2.3.3 - Ratio of students to mentor for academic and other related issues during the year**

**2.3.3.1 - Number of mentors**

**42.98**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

**2.4 - Teacher Profile and Quality**

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

**1107**

| File Description | Documents |
|---|---|
| Upload the data template | <u>View File</u> |
| Upload relevant supporting document | **No File Uploaded** |

**2.4.2 - Total Number of full time teachers withPh.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year**

**617**

| File Description | Documents |
|---|---|
| Upload the data template | <u>View File</u> |
| Upload relevant supporting document | **No File Uploaded** |

**2.4.3 - Total teaching experience of full time teachers in the same institution during the year**

**2.4.3.1 - Total experience of full-time teachers**

**700**

| File Description | Documents |
|---|---|
| Upload the data template | **No File Uploaded** |
| Upload relevant supporting document | **No File Uploaded** |

**2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year**

**90**

| File Description | Documents |
|---|---|
| Upload the data template | <u>View File</u> |
| Upload relevant supporting document | **No File Uploaded** |

**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**

**80**

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

**80**

| File Description | Documents |
|---|---|
| Upload the data template | <u>View File</u> |
| Upload relevant supporting document | **No File Uploaded** |

**2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year**

**230**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | <u>View File</u> |

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

IT integration has brought in considerable improvement in the Examination Management System of MSUB. The University has built up the required IT infrastructure for implementation of various e-Governance initiatives. One of the key initiatives is implementation of the Students' Life Cycle Management through a Digital University Framework (DUF) which includes data preservation on a cloud. It begins with receipt of online applications for admission and caters the needs of students till they obtain their Degrees. All pre-examination processes and post-examination processes are managed Online. The result preparation is also an automated procedure with pre-defined and tailor-made configurable rules of the university. The results are made available under individual students' eSuvidha ID for their permanent records. Aggrieved and dissatisfied students can digitally submit their applications through their eSuvidha logins within the stipulated period of time. The progress of the students in their concerned higheryear/higher-semester considering eligibility is configured online with pre-defined and pre-declared schedules. In all, entire Students' Life Cycle is managed in a digital form, with a completely transparent and informative DUF for all the stake holders and also for the university at the macro level, and the faculty/college/department, and most importantly, the student, at the micro level respectively.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | [View File]() |

**2.5.4 - Status of automation of Examination division along with approved Examination Manual**

A. 100% automation of entire division & implementation of Examination Management System (EMS)

| File Description | Documents |
|---|---|
| Upload the data template | [View File]() |
| Upload relevant supporting document | No File Uploaded |

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website

and other documents

Teaching, Examination and Evaluations Schemes are prepared with clearly defined POs, PSOs, Cos and LOs based on Bloom's Taxonomy. The Question-Bank utilized for online examinations is mapped with the Bloom's Taxonomy. The indigenously developed Online Examination System is pre-configured to have the balanced question-paper to maintain a proportion of difficulty level and provided to each of the student, in a randomized way. This structured methodology provides the 'Basic Analytics' to teachers to develop customized understanding of the achievement level of an individual student and enables teachers to make required changes in the courses. Primary and secondary barcodes on each answer-books are applied to hide the identity of the students for the offline exams. Results of students are available online. The university had also organized the 'Virtual Convocation' in 2021 and the degree certificates were e-mailed to all the graduating students. System for Inspection of Answer-Book(s) for the aggrieved/dis-satisfied student is in place. Certified copies of the Original Answer-Books are provided to student upon the written application whereas original copy of answer books of mid-semester examinations are handed over to them. Teachers discuss question paper with an outline of suggested answers and responds to queries of students and counsels them.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

MSUB has the tradition of high standards of teaching, learning, research and knowledge structure. The university systematically identifies, determines and map attainments of its POs, PSOs and COs. Attainment of POs and PSOs are also mapped with several cross cutting issues. The marks/grades obtained in a particular course for the semester-end examinations serve as an indicator of attainment of COs, POs and PSOs. The rubrics for checking the attainment of COs and PSOs have been designed and approved. Further the extent of learning is assessed along with the learning objectives, with contextual, content-specific and criterion-based evaluation. Thus, each Subject /Course (Theory and Practical) is mapped based on various aspects viz., Weightage, Hours of Teaching, Bloom's Taxonomy and PSO defined for a particular academic program. The outcomes are measured by assessing the performance of students viz., Pass Percentage of students; a smaller number of dropouts and number of

**students attaining first division. Outcomes are also measured by placements and admission to Higher Education Programs in National and International Institutes / Universities. The percentage of students passing or clearing NET/JRF, UPSC, MPPSC, UGC-CSIR, GATE, GRE and other examinations are also considered.**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

## 2.6.3 - Number of students passed during the year

## 2.6.3.1 - Total number of final year students who passed the university examination during the year

**27949**

| File Description | Documents |
|---|---|
| Upload the data template | <u>View File</u> |
| Upload relevant supporting document | **No File Uploaded** |

## 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 web link)

NA

## RESEARCH, INNOVATIONS AND EXTENSION

## 3.1 - Promotion of Research and Facilities

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

**The MSUB is a Multi-Disciplinary Education and Research University and has a well-defined 'Research Policy, Academic Integrity Policy and Consultancy Policy'. The university has implemented several initiatives to build and sustain robust research culture like 'Academic Development Fund' and research incentivization fund, Citations Awards to financially support faculty members/research scholars and also for obtaining Patents. Some PhD Scholars have earned prestigious fellowships too. The research facilities across the university are updated frequently with support of government and industrial sponsoring agencies. All the Ph.D. Guides have access to plagiarism checking software (Urkund and iThenticate). A Departmental Research Committee and Faculty Level Research Advisory**

**Committee are constituted to review and enhance quality of Research. The Research and `Consultancy Cell has been established to support in-house and sponsored research, consulting, and other R&D related activities. The university continually organizes activities to boost Research. The university library has a rich collection of rare books, manuscripts, reference/text books and e-resources. The university has a very strong research collaborations and MoUs with national/international institutions and industry for Research. The university has adopted a research code of conduct to ensure standardized and ethical conduct of quality research activities.**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

### 3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

**53.84**

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | **No File Uploaded** |

### 3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

**4**

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | **No File Uploaded** |

### 3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

**35**

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | **No File Uploaded** |

**3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre  Art Gallery**   **A. Any 4 or more of the above**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | [View File](#) |

**3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year**

**34**

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | **No File Uploaded** |

**3.2 - Resource Mobilization for Research**

**3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)**

**135.41**

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | **No File Uploaded** |

**3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)**

**135.41**

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | **No File Uploaded** |

## 3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

99

| File Description | Documents |
| --- | --- |
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

### 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

The MSUB has established Institute of Interdisciplinary Studies to build an inter-disciplinary research culture and Atal Bihari Vajpayee Institute of Policy Research and International Studies to serve as a think-tank on public policy, security and foreign policy, and development issues whereas Institute of Leadership and Governance inculcates leadership qualities in students. It has established the Center for Startup and Innovation for providing impetus to the growth of innovation and startup eco-system in the university. The university has set up 'The Maharaja Sayajirao Innovation Startup and Entrepreneurship Center' for supporting innovations and startups. It has formed Advisory Committee including of experts for framing related policies. It has established framework and procedure for providing financial and mentoring support to innovators for prototype development. Investor and Mentor Network is being strengthened with the connections of stakeholders. The Research and Consultancy Cell supports conduct of research, and consultancy. The university has signed MOUs with several industry bodies and foreign universities for research and training programs. It has established Center for Publication Ethics and approved 'Academic Integrity and Research Policy' to develop awareness and promote academic integrity and publication ethics. The university has introduced two-credit compulsory course 'Research and Publication Ethics' for PhD research scholars.

| File Description | Documents |
| --- | --- |
| Upload relevant supporting document | No File Uploaded |

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

29

**3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year**

29

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year**

**3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year**

46

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**3.4 - Research Publications and Awards**

**3.4.1 - The institution ensures implementation of its stated Code of Ethics for research**

**3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following**    **A. All of the above**

1. Inclusion of research ethics in the research methodology course work
2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)
3. Plagiarism check
4. Research Advisory Committee

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

**3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website**

**A. All of the above**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

### 3.4.3 - Number of Patents published/awarded during the year

### 3.4.3.1 - Total number of Patents published/awarded year wise during the year

**44**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

### 3.4.4 - Number of Ph.D's awarded per teacher during the year

### 3.4.4.1 - How many Ph.D's are awarded during the year

**110**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

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

**594**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**3.4.6 - Number of books and chapters in edited volumes published per teacher during the year**

**3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year**

**104**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS** **A. Any 5 or all of the above**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

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

| Scopus | Web of Science |
|---|---|
| 1011 | 978 |

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

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

| Scopus | Web of Science |
|---|---|
| 110 | 99 |

| 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 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

**The MSUB has always emphasized on the cultivation of strong links with industry and promotion of research work and various industrial activities by the faculty members and students. The MSUB has set up 'Research and Consultancy Cell' to promote collaboration between academia, research institutes, industries and corporates. The RCC acts as a liaison between the university and private or Industrial funding agencies to undertake consultancy projects. The consultancy assignments include job basically for providing expert advice, problem solving, targeted training, testing and laboratory based experimental work, undertaking sponsored research projects from industry, market research, surveys etc. The MSUB has approved consultancy policy which clearly specifies viz. Eligibility, Terminology, Terms and Conditions for Consultancy, University Consultancy Charges and Fee for scientific and technical advice. The RCC extend support to faculty members for undertaking sponsored industrial research projects and industrial consultancy projects. The university has provided consultancy services to number of institutions, departments and industries. The consultancy assignments and jobs are incorporated in curriculum design to improve quality of teaching-learning and research in university. The university also encourages especially young teachers from Humanities and Social Sciences to undertake research and consultancy.**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

## 3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

## 3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

**81.52**

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | **No File Uploaded** |

## 3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

**The MSUB organizes wide range of extension activities to sensitize and develop awareness among students and other stakeholders. It includes drive for Swacch Bharat, Say No to Plastics, Anti-Drug Addiction Drive, Free Health and Thalassemia Check-Up, Blood Donation Camps, Organ Donation Awareness Camp, Child Health Care Awareness, and other Government programmes. Street plays are performed on social issues, campaigns concerning environmental issues have been conducted and competitions on social issues are held. The students' associations collect donations for poor, and distributes necessities to the needy. The Law Faculty has established legal aid clinic to provide free legal advice. Faculty of Family and Community Sciences have implemented Internships and field work for community welfare activities. Foods and Nutrition Department celebrates breast feeding week. Faculty of Social Work has initiated a field action project SETU-A virtual Help Desk related to COVID prevention and control. Faculty of Performing Arts organizes various community programmes on social issues. Students visit Mental Asylum, Hospitals and Central Prisons to stress out them through performances. Students of Technology and Engineering organize Prerna exclusively for physically challenged persons. Counselling Centre of Department of Psychology provides free psychological testing, counselling, and therapeutic services and Helpline services to the local community.**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

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

## 3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

0

| File Description | Documents |
|---|---|
| Upload the data template | **No File Uploaded** |
| Upload relevant supporting document | **No File Uploaded** |

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

19

| File Description | Documents |
|---|---|
| Upload the data template | <u>View File</u> |
| Upload relevant supporting document | **No File Uploaded** |

**3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year**

557

| File Description | Documents |
|---|---|
| Upload the data template | <u>View File</u> |
| Upload relevant supporting document | **No File Uploaded** |

**3.7 - Collaboration**

**3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year**

**3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year**

45

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

## 3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

10

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

## INFRASTRUCTURE AND LEARNING RESOURCES

## 4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

The MSUB has adequate Physical and IT infrastructure facilities for teaching-learning to fulfil the personalized needs of the students and staff. It comprises of 12 campuses spread over 275 acres land with majority of heritage buildings of great architectural importance. It has 460 Classrooms and Lecture Theatres, 63 Seminar Halls, 230 Laboratories for conduct of academic and research activities. Smart Classrooms, Digital Board and Video Conferencing facilities are available. Smt. Hansa Mehta Library has collection of more than 8.5 lakh books, 14,000 Digitized Dissertations/Ph.D. Theses, and vast pool of e-resources with remote access facility for staff and students. It has 13 constituent and 25 Departmental libraries too. The MSUB has an Astronomical Observatory, 8-Inch Refractor Telescope, Play Box, an Arboretum, a Botanical Garden and Animal House. It has established museum in clothing and textile and museology departments whereas an archaeological museum of Arts faculty has rare collection. Faculty of Performing Arts has an audio studio and wardrobe for theatre and dance costumes and museum of rare collected music instruments. The MSUB has 10 Auditoriums of different capacities, 03 Open Air Theatre, and 02 Amphitheaters, and 04 Art Galleries. Multimedia Studio is set up at Faculty of Journalism and Mass Communications.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

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

According to the provision of the MSUB Act, 1949, University Board of Sports is appointed, under chairmanship of Pro-Vice Chancellor and other esteemed members to ensure necessary facilities. At union pavilion, the department of physical education provides state of art facilities for indoor and outdoor sports/games, Physical Education, Yoga for students, staff and alumni. It also consists of Swimming Pool, Gymnasium, Multi-Purpose Indoor Sport Complex, Two Cricket Ground, Basketball Court, Badminton Court, Hand Ball Court, Table -Tennis Court, two tennis courts with a wooden floor and a table tennis hall, Hockey turf, two volleyball courts Football pitch, Kabaddi courts, Kho-Kho courts and Clay courts. Athletics track, Synthetic fields, Walking track as well as play areas and facilities are regularly used by students. The department organizes competitions at various levels & arranges various sports events sponsored by Government departments, Sports academies/Association, Khel-Mahakumbh, tournaments. The Sport complex also offers running track, washrooms and changing rooms. To promote cultural activities, the university is having 10 auditoriums of different capacities, three open air theatre, and amphitheatres. The faculty of Performing Arts is having Concert hall, Gayan Vadan Sabha Khand for live Music & Dance Performances.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

4.1.3 - Availability of general campus facilities and overall ambience

The MSUB inherit many majestic, spacious heritage buildings and to this, many new buildings with modern amenities and infrastructural facilities have been added to meet the growing requirements of the rising number of students. It has 16 Hostels (04 Girls and 12 Boys) with total number of 1100 rooms to accommodate 3200 Boys and 1800 Girls students. It has 425 well-furnished residential staff quarters. The MSUB has put efforts to make its campus Divyangjan-friendly. The entire MSUB campus is Wi-Fi-enabled. Many Faculties/Departments have Digital Board and Video Conferencing facilities and Advanced Video Conferencing and Smart Classroom

facilities are set up. The MSUB's Health Centre caters to the medical needs of students and staff whereas union pavilion provides indoor and outdoor sports facilities to them. The Computer Center has enabled implementation of various innovative e-Governance initiatives of the university. The MSUB has put efforts to add, augment and improve physical and IT infrastructural facilities for students and staff with financial assistance received from Government of Gujarat, RUSA, Alumni, other funding agencies and also from its own corpus. The MSUB shares infrastructural facilities with centres of IGNOU, and BAOU and AICTE, New Delhi. The MSUB also acts as nodal center for GSLET.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

## 4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

421,570,111.05

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | No File Uploaded |

## 4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

Smt. Hansa Mehta Library is among the top 10 must visit biggest libraries in India. (https://www.hmlibrary.ac.in/). It has initiated new ideas in line with digitization and automation aimed at exploring the digital scholarship through its SOUL software. An e-resource centre has been developed at Sir Sayajirao Memorial Trust Library for UG students. The HM library is having 1000+ e-books that are accessible through 10 kindles. It offers Local Guru-digital Library Online and students can access all NPTEL Videos from the library without Internet. Smt. HM Library has entered an MoU with INFLIBNET and has digitized 3900+PhD Theses since the inception of the University and uploaded on SHODHGANGA. All these PhD Theses are uploaded on Institutional repositories and also on ProQuest Dissertation and Thesis (PQDT). It has created a platform named "Open Knowledge Gateway" to offer customized access of free resources. The Oriental Institute of university have a precious

collection of very old and rare manuscript from 16th and 17th centuries and each of these manuscripts have been digitized with the help from National Mission on Manuscript. It has linked subscription facilities for access of digital libraries viz., ASTM Digital Library, Knimbus Digital Library, and DELNET Digital Library.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

**4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga  Databases**

A. Any 4 or all of the above

| File Description | Documents |
|---|---|
| Upload relevant supporting document | View File |

**4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

0.00

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)**

304

| File Description | Documents |
|---|---|
| Upload relevant supporting document | View File |

**4.3 - IT Infrastructure**

**4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year**

642

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | **No File Uploaded** |

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

**MSUB had approved its Information Technology (IT) Policy in year 2016. Initially, Rupees 12 Crores were spent to set up Wired LAN and a provision of 8000 Plus LAN access points with the installation of the Fiber Optic Cable having spread of 30 Kms is made. The university has spent Rupees 2 Crore for the establishment of WI-FI infrastructure facilities, and Rs. 18 lakh are annually spent for maintenance of the Wired LAN. The University has indigenously developed Online Examination System for conducting exams of 45000+ students. CCTV Surveillance System with more than 700 CCTV surveillance cameras are installed. Advanced Video Conferencing facility, Smart Class room, Advanced Audio Video Studio, Language Laboratory are set in the Campus. The Computer Centre has initiated an indigenous MSUB-IS project for maintaining students life cycle and Annual Report Management System for teachers. In year 2021, more than 65000+ students have applied for admission through MSUB-IS software. The university has approved and adopted e-Waste Policy and Procedure too. The University has set up Learning Management System implemented with Moodle Software to conduct various academic activities. Online classes are held using licensed software of Microsoft Teams with the support of Computer Centre.**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

### 4.3.3 - Student - Computer ratio during the year

| Number of students | Number of Computers available to students for academic purposes |
|---|---|
| 47583 | 4929 |

### 4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

- **?1 GBPS**

| File Description | Documents |
| --- | --- |
| Upload relevant supporting document | No File Uploaded |

**4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing**      **A. All of the above**

| File Description | Documents |
| --- | --- |
| Upload relevant supporting document | No File Uploaded |
| Upload the data template | No File Uploaded |

## 4.4 - Maintenance of Campus Infrastructure

**4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year**

**74,628,998.17**

| File Description | Documents |
| --- | --- |
| Upload the data template | [View File](#) |
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4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

**The MSUB has established systems and procedures for maintaining and utilizing the physical and academic support facilities. It has framed its maintenance Policy to maintain and use physical, academic and support facilities. The Construction Division (CD) is mainly responsible for maintenance of physical infrastructure across the campus. Director, Computer Centre is responsible for maintenance of IT infrastructure whereas Director, Physical Education, Medical Officer, Health Centre and University Librarian as well as concerned Deans /Principals of the Faculties/Colleges are responsible for maintaining and utilizing the physical and academic support facilities. The university constitutes various Statutory Committees as well as advisory bodies the decisions of physical infrastructure. All purchases are done through GeM only. The Finance Committee looks after the finances for the developmental works and preparation of the Annual Budgets and are approval of the Syndicate/Senate of the university. The Library staff is trained to take care and handle**

library documents. Fire Safety Equipment are maintained properly and are cross- checked through mock drills. The University has appointed Police Officer (Retired) as Security and Vigilance Officer to lead separate Vigilance Squad of Gents and Ladies to ensure safety and law and order in university campuses.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

### 5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

**87**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
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### 5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

**314**

| File Description | Documents |
|---|---|
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| Upload relevant supporting document | No File Uploaded |

### 5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution 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 |
|---|---|
| Upload the data template | **No File Uploaded** |
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**5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

- **All of the above**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

**5.2 - Student Progression**

**5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)**

**5.2.1.1 - 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**

**192**

| File Description | Documents |
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**5.2.2 - Total number of placement of outgoing students during the year**

**1357**

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | **No File Uploaded** |

### 5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

**6832**

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
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## 5.3 - Student Participation and Activities

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

**67**

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
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5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

**MSUB Handbook Act, 1949 has the provision of a University Union of students, a statutory body elected alike State or National elections to instils leadership qualities among students. General Secretary and Vice President (reserved for Girl Students) of the University Union become the ex-officio members of the Senate of the university. Additionally, each Faculty/College elects General Secretary, Faculty and Class/Department Representatives to form Students' Association. These student bodies help students to create connections, build relationships, expand skill sets, sensitize, and orient and inculcate values and ethical practices. They organize inter-faculty/departmental academic, social, cultural and sports events and raise funds. Each year youth festival is also organized, to unleash students' potential in varied fields. It fosters confidence, discipline, partnership, team building, communication, leadership**

and management skills, relevant work experience and skill enhancement to ensure holistic growth and development of students aimed at creating sense of belongingness and recognition. The students participates enthusiastically in several activities, competitions and enjoy commemorative days. Few prestigious students' events include viz., Prerna, Paramarsh, Footprints, BBA Baazigar, Cyberia, Yuvaantas, Techkshetra, Neev, Aditya, Kaffila, Razzmatazz etc. solely managed by the students. It also organizes activities concerning Sports, Literary, Cultural, Moral Education, and Placement and Counselling of students.

| File Description | Documents |
|---|---|
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### 5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

189

| File Description | Documents |
|---|---|
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| Upload relevant supporting document | No File Uploaded |

## 5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year

Alumni of the MSUB have an emotional connect with the university and has registered alumni associations in some departments. The Office of Alumni Affairs and Donors' Relations acts as a coordinating office for alumni activities in MSUB. It has launched interactive website titled "alumni.MSUBaroda.ac.in" and organises key activities like coordination of Heritage Walk "Xplore MSUB – Route to our Roots"; MSUB Heritage Exhibitions; preparation of Short Films on MSUB Heritage to name a few. It Alumni have played a vibrant role in keeping the legacy intact with the development of the infrastructure, modernization, and improvement of MSUB, which include development of physical infrastructure. Alumni organizes events and provides support to the students too. They offer financial, logistic, and managerial support in conduct of student events and exhibit their personal heritage collections as well as art (Paintings, Murals, etc.) and auction these creations for raising funds for students' activities. Many have allowed students

to use their factories, offices, and facilities to work on their ideas and offer them financial support and technical guidance. The university has institutionalized several merit awards with the support of alumni to raise morale of students.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**       A. ? 5Lakhs

| File Description | Documents |
|---|---|
| Upload relevant supporting document | View File |

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

## 6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

MSUB is a Multi-Disciplinary Education Research University (MERU). "Satyam Shivam Sundaram" of the university stands for 'Truthfulness-Godliness and Beauty. It aims to sustain its deep rooted social and national values of ancient India. It has consistently put efforts to sustain an environment of academic excellence and innovative research to enable students andstaff thinkglocally create an equitable society that ensures better quality of life to all. It has a strong ethical work culture and inclusivity. The MSUB has established Jammu Kashmir, Northeast and Tibetan Cultural Centres, Atal Bihari Vajpayee Institute of Policy Research and International Studies, and Institute of Leadership and Governance to promote values in students. It has set up MSISEC to supportstartupand innovations. The MSUB's Governance is routed through authorities of the university viz., Senate, Syndicate, PG Council of Studies and Research, Faculty and Board of Studies. It has established Cells and Offices viz., International Affairs, Corporate Affairs, Alumni Affairs and Donors Relationships, Career Advancement for Students and MDC. MSUB has developed Cells viz., IQAC, Research and Consultancy, Communication, Career and Counselling, Placement, Human Resource and Development Directorate of Students' Welfare, etc. for strengthening academic and administrative Governance to realize vision and mission of MSUB.

| File Description | Documents |
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6.1.2 - The effective leadership is reflected in various institutional practices such as decentralization and participative management

The success of MSUB is the result of the Participatory Management Practices, Decentralization and Collective Leadership and integrated efforts of Strong Teamwork of all stakeholders who strives continually to achieve the vision of MSUB. The Syndicate being executive body closely interacts with all the stakeholders. The financial proposals are placed before Finance and Establishment Committee and Syndicate for approval. The academic and administrative autonomy empowers teachers to enhance interest of student community. Participative management is being practiced through various Committees set up at different levels which also includes industry experts and nominated members. The university ensures participation of student body through elections. Grievance redressal, curriculum changes/improvements and overall visioning happen through a more open deliberation in participative management. The university delegates powers of decision-making to disbursement officers supported with establishment of Cells, Offices, Bodies and Committees. The various committees comprising of faculty members, officers and other stakeholders' function well and help university to frame policies. Periodical review meetings of various committees are also held. The reports of the specialized internal/external committees are subsequently considered and monitored by the PG Council and Syndicate of the university. A democratic decision-making process helps the University to have truly participatory decentralized administration.

| File Description | Documents |
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**6.2 - Strategy Development and Deployment**

6.2.1 - The institutional Strategic plan is effectively deployed

One of the successfully implemented activity based on the strategic plan is 'Implementation of the NEP2020'. The strategic plan has been drafted considering hierarchy and institutional support to realize vision and mission statements of the university. It has included various growth and development dimensions for achieving excellence in viz., academic, research, extension, governance, leadership,

physical and ICT infrastructural improvement with strategic focus on access, expansion, equity and inclusion as envisaged in implementation of the NEP2020. It also aims to strengthen eco-system for promoting start-up and innovation, capacity building, collaborations, gender equity, and environmental sustainability for achieving holistic growth of students. Majority of the committees comprises of memberships of female participants. The university has established various committees on gender sensitivity. The Research and Consultancy Cell extend support to research, consulting, and R&D activities and incentives are given to teachers. It has organized various extension activities to sensitize students on social and environmental issues. The university has established 'Directorate of Student's Welfare' to disburse scholarships to students belonging to economically weaker sections. The entire university is Wi-Fi enabled supported with required IT infrastructure. It has implemented indigenously developed and implemented various e-Governance initiatives.

| File Description | Documents |
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6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

MSUB on pursuing of the idea of establishing a University by Shrimant Maharaja Pratapsinhrao Gaekwad on the recommendation of the Government of Baroda, MSUB was established on 30th April, 1949 and recognized under Indian Universities Act, 1958. The Governor of Gujrat is a visitor as per MSUB, Act 1949. Authorities of MSUB are Senate, Syndicate, Faculties, Council of Post-Graduate Studies and Research, Board of Studies and Board of Accounts. The Officers of the university are Chancellor, Vice-Chancellor, Pro-Vice-Chancellor, Deans/ Principals of Faculties/Colleges, Registrar, and Librarian with clearly defined powers and responsibilities under the MSUB Act,1949. On the administrative side, it is followed by the Registrar, Joint Registrar, Chief Accounts Officer, Development Officer, University Engineer, Auditor, Deputy Registrar, Public Relations Officer, and Assistant Registrar etc. The Academic Section, Accounts Section, ADE Section, ADM Section, Audit Section, Construction division, Grants Commission Unit are the varied offices with defined roles and responsibilities. The IQAC deals with Ranking, Re-Accreditation, and Scrutiny of Applications for Promotion and Recruitment etc. The university has approved Statutes/Ordinances concerning viz., Direct Recruitment, Promotion under CAS, Staff Welfare, Student Admissions/fees, Donations, etc.

that are framed in lines with Rules of State/Central Government of India.

| File Description | Documents |
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## 6.2.3 - Institution Implements e-governance in its areas of operations

**6.2.3.1 - e-governance is implemented covering** A. All of the above
**following areas of operation**

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

| File Description | Documents |
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## 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

MSUB is a following time bound and transparent performance appraisal system for teaching and non-teaching staff. The structure and suggestive format of performance appraisal system has been prepared for Direct Recruitment and Promotion of teachers under Career Advancement Scheme is based on adopted Gazette Notifications of the UGC Regulations, 2018 and AICTE Regulations, 2019 in form of Revised Ordinances 198-B and 291 respectively. All permanent employees avail financial benefits, leave entitlement and support under welfare measures as per norms of the Government of Gujarat. The university staff credit society and MSUB Welfare Fund is set up. Tuition fee waiver is available for the wards of non-teaching staff from other fund. Free of cost medical facility for staff and their dependents in service and after retirement. It regularly organizes health camps for specific tests either at nominal charges or free of cost. The sports facilities available at the union pavilion are available for the staff members and their departments either with a token charge or totally free of cost. There exists a staff sports club as well.

**One of the teachers' organizations organize summer camp for the children of teaching and non-teaching staff.**

| File Description | Documents |
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| Upload relevant supporting document | **No File Uploaded** |

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

**0**

| File Description | Documents |
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| Upload the data template | **No File Uploaded** |
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**6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year**

**29**

| File Description | Documents |
|---|---|
| Upload the data template | <u>View File</u> |
| Upload relevant supporting document | **No File Uploaded** |

**6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)**

**169**

| File Description | Documents |
|---|---|
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**6.4 - Financial Management and Resource Mobilization**

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

**MSUB being a State Government university, the major source of receipts is Grants disbursed from the State Government of Gujarat. The University receives financial support under different schemes**

from Central Governments and various other funding agencies for research. CSR funding, intangible support, donations, funds for instituting Gold-Medals, Scholarships, Free ships are received too. Each year university prepare revenue budget of the ensuing financial year as submitted by Faculties/Colleges. The consolidated budget and Annual accounts of the preceding financial year thereafter is put up before the Statutory bodies for approval. The university has Audit department which ensures due compliance of guidelines of Government of Gujarat. The university forms certain statutory purchase committees viz., Purchase, Building, Computer Experts etc. and its meetings are held on a monthly basis for the approval of purchases. The majority of purchases are made online using Government E Market Place (GeM). The university has constituted Investment Committee which has decided policy and guidelines for judicious investment in nationalized banks and Government securities only. The university maintains its corpus and interest earned is utilized to support research build and upgrade infrastructural requirement, facilities and amenities for staff and students.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

**6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)**

0

| File Description | Documents |
|---|---|
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**6.4.3 - Funds / Grants received from non-government bodies, individuals,philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)**

0

| File Description | Documents |
|---|---|
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6.4.4 - Institution conducts internal and external financial audits regularly

**MSUB has established audit section that conducts Pre and Post- audit activities strictly as per the directives, guidelines and norms of the Government of Gujarat. All expenses are to be incurred by Disbursement Officers that is Deans/Principals of Faculties/Colleges as per the provisions of Ordinance 31 which enumerates the financial powers of the authorities as per the MSUB Act,1949. The audit department scrutinizes all invoices submitted by Faculties/Colleges/Institutes as per norms within the limits of budgetary provisions and afterwards forward it to the accounts section that mostly make online payment. Audit section is responsible for scrutiny of each of the purchase proposals and adherence of due compliances and submission of replies of Audit Paras, if any of AG and Government of Gujarat. The MSUB also appoints panel of independent firms of professional Chartered Accountants over and above pre and post audit activities of the audit section. The post-audit is done by the audit department and in form of external audit by the Panel of Chartered Accountants. The university's "Board of Accounts" looks into accounting aspects of the university. Annual Accounts and Financial Estimates are presented in the annual meeting of the Senate for consideration and approval.**

| File Description | Documents |
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## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

**IQAC of MSUB has institutionalized quality assurance strategies and processes in the university by collection of data and information to continually review performance of its quality enhancement initiatives viz., to integrate teaching-learning, research, extension and consultancy opportunities, assessment of credibility of evaluation procedures, and ensuring adequacy of funds allocation for support structure and services. Based on feedback received from the stakeholders, IQAC has organised Workshops/Seminars/Conferences/ FDPs/QIPs to inculcate and internalise the quality parameters and best practices. All the decisions of the IQAC are placed before the statutory bodies. IQAC has ensured setting up of Faculty/College and or Department level IQAC in the university.**

**IQAC of MSUB has institutionalized two best practices. Firstly, Curriculum Design Development and Enrichment to ensures regular updation of academic programmes and courses and Secondly, Teaching-Learning Process, to ensure adoption of multi-strategy models in teaching. The Wi-Fi enabled campus aids in utilisation of e-resources and ICT tools to students and teachers.**

| File Description | Documents |
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**6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)** **A. Any 5 or all of the above**

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
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6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

**Through painstaking effort of TEAM MSUB and IQAC, MSUB has put continual efforts for achieving excellence in Academic, Research, Extension, Governance, Leadership, Physical and ICT Infrastructural improvement with strategic focus on Access, Expansion, Equity and Inclusion in implementation of the NEP:2020. The IQAC has led preparation of strategic perspective plan of MSUB to strengthen eco-system for Startup, Innovation, Capacity Building, Collaborations, Gender Equity, and Environmental Sustainability to ensure holistic growth of students. IQAC has strengthen adoption of CBCS and Electives/Specialization. It has adopted various examination reforms ensuring use of Bloom's Taxonomy to identify and improve Slow Learners and also incentivize Advanced Learners. MSUB has**

established 04 institutes viz., Institute of Leadership and Governance (ILG), Institute of Interdisciplinary Studies, Bharat Ratna Atal Bihari Vajpayee Institute of Policy Research and International Studies, and Institute of Climate Change Research. MSUB has set up MSISEC to support startups, innovations and incubation. Other centres include Internship, Mentorship and Apprenticeship, Capacity Building, Corporate Training, HRD Cell, Career Counselling, Training and Placement, and Publication Ethics. IQAC has taken lead in setting up offices viz., Career Advancement for Students, International Affairs, Corporate Affairs, Alumni Affairs and Donors Relations.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | 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

Gender equity is imbedded in the vision and mission of MSUB. H.H. Maharaja Sayajirao (1875 – 1939) had made Girl's Education compulsory in the erstwhile Baroda State. Smt. Mrunalidevi Puar contributed as Chancellor (1988-2014) and Smt. Rajmata Shubhangini Raje Gaekwad is currently appointed as Chancellor of MSUB since 2015. Smt. Hansa Mehta served as the first Vice Chancellor of MSUB (1949-1958). Majority of the committees at University/Faculty level comprises of Female Members. The Post of Vice-President of the university election is exclusively reserved for Girl student. The university has established Anti-Ragging Committees, UGC's Women's Studies Research Center, Women's Grievance and Redressal Cell along with Non-Discrimination Policy to focus on gender sensitivity. Academic curriculum includes Courses and topics on Gender equity. Separate NCC Wing encourages Girl Students with a nomination of Women Teacher as an in charge of it. Self-Defense Camps/Programmes/workshops are organized for female students and staff. MSUB has appointed Security and Vigilance Officer supported with Gents and Mahila Vigilance Squads. The university appoints lady Superintendents/Wardens in Girls' Hostels. The Faculty of Family and Community Sciences is equipped with a Day Care Centre. A crèche is also planned at university Head Office to take care of kids/infants.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |
| Annual gender sensitization action plan(s) | **Nil** |
| Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information | **Nil** |

**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 |
|---|---|
| Upload relevant supporting document | [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 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management  Waste recycling system Hazardous chemicals and radioactive waste management

**MSUB has framed "Green University Policy" and has undertaken Environment/Green, Energy and Water Audit. It has approved separate policy and operational committees for the disposal of dead stock and e-Waste. Solid Waste Management Compost Beds and Pits are used to turn foliage waste into manure created in the campus and in the Botanical Garden. All toilets and washrooms in the campus are connected to the municipal drainage system. Residual liquid waste from the hostel mess has been put to good use by developing garden and landscape. The rainwater harvesting facility is created in majority of the buildings of the university. Facility of Sanitary Napkins Dispensers and Incinerators to dispose sanitary napkins are made available in Girls'/Ladies Washrooms. Biomedical waste is disposed as per guidelines of Indian Medical Association. Food Waste generated in the food laboratories is recycled with the help of a Composter. Hazardous chemical waste is collected in a big carboy and it is neutralized with lime and sent to a common effluent treatment**

**facility for further safe disposal. Hazardous solvents are properly distilled in the rotavapor and reused to reduce the environmental hazard caused by discharging such solvents.**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | [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 |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

**7.1.5 - Green campus initiatives include**

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

**A. Any 4 or All of the above**

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

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

**7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution**

**7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:**

**A. Any 4 or all of the above**

1. **Green audit**
2. **Energy audit**
3. **Environment audit**
4. **Clean and green campus**

recognitions/awards

5. **Beyond the campus environmental promotional activities**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

**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.**

**A. Any 4 or all of the above**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **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)

MSUB sensitizes students and staff towards cultural, regional, linguistic communal and socio-economic diversities. It has students' enrolment across India and International Students from 37 countries (ICSSR/ Self-funded). It appreciates their entry irrespective of gender, race, religion, caste, ethnicity, community and socio-economic background. Special seats are reserved for students of JandK and Tibet. eIt takes special care of Divyangjan by providing specific services/facilities to them. It respects and value attributes of tolerance harmony and considering dress, food, habits, customs, caste, dialects, religion, and culture. It offers diverse courses viz., Forms of Indian Classical Art, Music, Dance, Drama, Art and History, Archaeology and Ancient History, Painting, Museology, Sculpture, Graphic Arts and Design, Applied Arts, Social Work, Family and Community Resource Management, Extension and Communication, Political Leadership and Governance etc. The curriculum includes topics/areas viz., Gender Sensitivity, Multi-Culturalism, Law, Plurality, Inclusivity, Mutual Respect, and understanding different cultures. It organizes events to cater

**personalized needs of students. It teaches Indian and Foreign languages. The MSUB celebrates various Commemorative Days and festivals. Faculties/Colleges have adopted strategies to make heterogeneous (religion and socio-economic) students' group to maintain harmony.**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

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

**MSUB encourages students and teachers to actively engage in academic programmes, activities/ events related to constitutional obligations: values, rights, duties and responsibilities of citizens. The MSUB has established Institute of Leadership and Governance (ILG) to focus on training, trans-disciplinary studies and research related to leadership, and good governance structures in 2016. ILG offers a Diploma in Political Leadership and Governance and has formed Constitution Club and Gujarat Thinkers Forum. The MSUB has established 02 Centres under ILG viz., Centre for Indic Studies and Centre for Theological studies which practical sessions, and debates on Indian Constitution. The university celebrates constitutional day through fieldwork agencies and linkages with villages, slum communities, urban communities, and tribal areas. The university organizes curricular and co-curricular activities on viz., Indian Values, Leadership, Virtues and Character Strengthening, Organisational Citizenship Behaviour, Rights vulnerable groups, Dignity of Life, Peace, Harmony, Diversity in Religion, Ethnicity, Culture and Gender, Mental Health etc. The students join the National Cadet Corps and National Service Scheme to transform themselves as patriotic citizens to shape their characters through community services. The MSUB through ILG has put substantial efforts to sensitize students and staff on constitution obligations to imbibe values, rights, duties and responsibilities of citizens.**

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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,**     **All of the above**

**administrators and other staff Annual
awareness programmes on Code of Conduct
are organized**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

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

**MSUB celebrates commemorative days viz., Establishment Day of University, Birth Anniversary and Day of Coronation of Maharaja Sayajirao and various such other events and festivals. It includes celebration of viz., Mahatma Gandhi, Sardar Patel and Ambedkar Jayanti, Independence Day, Republic Day, Constitution Day, National Technology Day, Computer Day, World Pharmacist Day, National Handloom Day,, Human Rights Day, Women's Day, World Water Day, Earth Day, World Mental Health Day, World Diabetes Day, World Immunology Day and World Food Safety Day, etc. To inculcate social responsibilities and human values among students, the university also celebrates various National and International Days. The Faculty of Performing Arts celebrates World Music Day, etc. as well as Ustad Fayyaz Khan's Birth Anniversary as Dev Gandharva Day- Prem Piya Festival, Anniversary of Prof. Maula Bux, tribute to Tabla Maestro Prof. Sudhir Kumar Saxena, Pandit Bhatkhande Jayanti, C.C. Mehta, and, Maestros Pt. Bhimsen Joshi Sabhavadan, Pt. Ravi Shankar and other legendary artists. Department of Architecture celebrates "Reflection by organizing Exhibitions on Design. Faculty of Science celebrates Wild Life Week by organizing various events and organizes Science Fair. It celebrates Birth Anniversary of late Professor Prasanta Chandra Mahala Nobis as well as celebrates Botany and Geo Fests.**

# 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 is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University

The MSUB offers interdisciplinary, multi-disciplinary and Practical-oriented academic programmes developed based on the inputs of internal and external subject experts. Outcome based educational elements, like, POs, PSOs and COs are being followed for all academic programmes to inculcate the spirit of proactive learning to explore different facets of knowledge on the basis of its contextual relevance and need based arrangements. The MSUB has adopted CBCS and Electives/Specialization which includes Indian and Foreign languages to enhance the communication, personality and professional competency of the students. The curricula enable students to inculcate technical, conceptual, human skills to meet their glocal needs. The MSUB offers Certificate Courses, Value-Added Courses, Skill Based, Supportive Courses and innovative academic programmes across disciplines. Students undertake Projects/Industrial Training in reputed institutions, curricula design aims to prepare students to excel in various competitive examinations and injects desire in them to pursue higher studies in renowned institutes.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

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

24

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

## 1.1.3 - Total number of courses having focus on employability/ entrepreneurship/

**skill development offered by the University during the year**

**1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year**

**4350**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | **No File Uploaded** |

**1.2 - Academic Flexibility**

**1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year**

**149**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | **No File Uploaded** |

**1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year**

**6**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | **No File Uploaded** |

**1.3 - Curriculum Enrichment**

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

**The curricula of the MSUB strives to achieve holistic growth and integrated personality development of students by exposing them to issues like Gender, Environment and Sustainability, Human Values and Professional Ethics to prepare them to handle the local and global challenges to transform them into global citizens. The curriculum includes courses on viz., Gender and Society, Gender and Psychology, Rural Business Environment,**

Environmental Studies, Environmental Sustainability, Climate Change, Environmental Biotechnology, Business Ethics, Corporate Governance, and Management by Indian Values, etc. and the Millennium Development Goals like Environment Sustainability, Promoting Gender Equity, Women Empowerment, Employability and Global Partnership Development etc. It ensures strict adherence to research ethics, and animal ethics in conduct of research studies. PhD Guides have access of iThenticate/Ouriginal anti-plagiarism software. The university has approved 'Academic Integrity Policy', and 'Code of Ethics' for students and staff. The PhD Course work includes 02 credit course on Professional Ethics, Human Values and Academic Integrity.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

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

77

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

## 1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

## 1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

1730

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

## 1.3.4 - Number of students undertaking field projects / research projects / internships during the year

2441

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

## 1.4 - Feedback System

| 1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni | • None of the above |
|---|---|

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

| 1.4.2 - Feedback processes of the institution may be classified as follows | • Feedback not collected |
|---|---|

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

## TEACHING-LEARNING AND EVALUATION

## 2.1 - Student Enrollment and Profile

## 2.1.1 - Demand Ratio

## 2.1.1.1 - Number of seats available during the year

**18488**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

## 2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

## 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

**19215**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the studentsand organises special Programmes for advanced learners and slow learners

The Faculty and Department conducts an Orientation Programme to sensitize newly admitted students which helps them to fine tune their studies. The Faculty /Department assesses their learning levels considering their diverse backgrounds, past performance in the examinations as well as through tutorial sessions, theory classes and practical performance, to identify & assess learning capabilities, of slow and advanced learners. The slow learners also need language support and pick-up, reasoning ability development, problem solving hints, mathematical skill deficit remedying, besides discipline specific bridging of knowledge gap between that endowed with and earnestly needed. Remedial classes are conducted for students whose performance is below average in mid-semester exams. Through arrear tests, the university also permits students to improve his or her performance in the internal evaluations. Advanced Learners are encouraged to utilize the library, laboratories and equipment facilities and are assigned tasks, like solving additional higher level Bloom's Taxonomy questions, undertaking small research, market survey, practical demonstration, etc. They interact with senior faculties and researchers to exchange the knowledge on scientific experiments, opportunities and experiences. Add-on and Certificate courses are framed on the need for developing specialized and additional skills for augmenting better employment prospects.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |
| Link For Additional Information | Nil |

## 2.2.2 - Student - Full time teacher ratio during the year

| Number of Students | Number of Teachers |
|---|---|
| **47583** | **1107** |

| File Description | Documents |
|---|---|
| Upload relevant supporting document | [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

**The student-centric learning is one of the prime objectives of the university. MSUB has adopted a multistrategy model to improve the overall teaching and learning experience of student. Experiential learning opportunities based on requirement are provided to the students through internships, industrial exposure fieldwork, case studies, field visits, simulations, role play, exhibitions, poster presentations, Laboratory experiments, visual arts, live performances and budget analysis to name a few. Participative Learning through group discussions, debates, paper-presentations, project demonstrations and participation in studios is encouraged in classroom activities and beyond the classroom through participation in National, International Seminars and Conferences, colloquium, participatory discussions, activity profiles, assignments participative learning etc. The students of the university are encouraged to participate in Sports, cultural, curricular and co-curricular activities. Problem solving methodologies are at the core of the teaching learning process for students and is included in the curriculum. It combines theoretical knowledge with practical activities. Curriculum with critical thinking exposure enables the students to become decision makers, conflict resolvers and alternative solution seekers. Interdisciplinary approaches as per CBCS, Blended teaching-learning pedagogy including use of ICT tools, Anytime-Anywhere learning, through MOOC courses on SWAYAM Portal, are being offered as part of curriculum.**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

The entire MSUB campus is Wi-Fi enabled. The university utilizes ICT enabled teaching in addition to the conventional classroom education. Microsoft Office 365 Enterprise Edition and institutional email is provided to all the teachers and research scholars of MSUB. Microsoft Teams is used to conduct academic and co-curricular activities like quizzes, research paper presentations, seminars, debates, group discussions, assignments, viva etc. The Computer Centre of the university with the help of duly constituted Computer Expert Committee (CEC) procures needed ICT devices. The teachers of the university use and create wide range of ICT, E-learning tools and open source software. The university has created modules for virtual labs, which allow students to participate in lab-based learning exercises without limitations of a physical lab and expanded its excess to students based remotedly during pandemic. The Examinations and Supervision were conducted in online mode during Covid-19. The online process was conducted for all phases of PhD evaluation. Several Departments have conducted webinars, workshops and several other academic and administrative activities. BoS meetings and several other meetings are conducted through ICT. The central library of the university has given remote access over and above IP based access to faculty members.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

## 2.3.3 - Ratio of students to mentor for academic and other related issues during the year

## 2.3.3.1 - Number of mentors

42.98

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

## 2.4 - Teacher Profile and Quality

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

1107

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**2.4.2 - Total Number of full time teachers withPh.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D'Lit. during the year**

**617**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**2.4.3 - Total teaching experience of full time teachers in the same institution during the year**

**2.4.3.1 - Total experience of full-time teachers**

**700**

| File Description | Documents |
|---|---|
| Upload the data template | No File Uploaded |
| Upload relevant supporting document | No File Uploaded |

**2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year**

**90**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**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**

**80**

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

80

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year**

230

| File Description | Documents |
|---|---|
| Upload relevant supporting document | View File |

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

IT integration has brought in considerable improvement in the Examination Management System of MSUB. The University has built up the required IT infrastructure for implementation of various e-Governance initiatives. One of the key initiatives is implementation of the Students' Life Cycle Management through a Digital University Framework (DUF) which includes data preservation on a cloud. It begins with receipt of online applications for admission and caters the needs of students till they obtain their Degrees. All pre-examination processes and post-examination processes are managed Online. The result preparation is also an automated procedure with pre-defined and tailor-made configurable rules of the university. The results are made available under individual students' eSuvidha ID for their permanent records. Aggrieved and dissatisfied students can digitally submit their applications through their eSuvidha logins within the stipulated period of time. The progress of the students in their concerned higheryear/higher-semester considering eligibility is configured online with pre-defined and pre-declared schedules. In all, entire Students' Life Cycle is managed in a digital form, with a completely transparent and informative DUF for all the stake holders and also for the university at the macro level, and the

**faculty/college/department, and most importantly, the student, at the micro level respectively.**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | [View File](#) |

| **2.5.4 - Status of automation of Examination division along with approved Examination Manual** | **A. 100% automation of entire division & implementation of Examination Management System (EMS)** |
|---|---|

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | **No File Uploaded** |

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

**Teaching, Examination and Evaluations Schemes are prepared with clearly defined POs, PSOs, Cos and LOs based on Bloom's Taxonomy. The Question-Bank utilized for online examinarions is mapped with the Bloom's Taxonomy. The indigenously developed Online Examination System is pre-configured to have the balanced question-paper to maintain a proportion of difficulty level and provided to each of the student, in a randomized way. This structured methodology provides the 'Basic Analytics' to teachers to develop customized understanding of the achievement level of an individual student and enables teachers to make required changes in the courses. Primary and secondary barcodes on each answer-books are applied to hide the identity of the students for the offline exams. Results of students are available online. The university had also organized the 'Virtual Convocation' in 2021 and the degree certificates were e-mailed to all the graduating students. System for Inspection of Answer-Book(s) for the aggrieved/dis-satisfied student is in place. Certified copies of the Original Answer-Books are provided to student upon the written application whereas original copy of answer books of mid-semester examinations are handed over to them. Teachers discuss question paper with an outline of suggested answers and responds to queries of students and counsels them.**

| File Description | Documents |
| --- | --- |
| Upload relevant supporting document | **No File Uploaded** |

**2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year**

**MSUB has the tradition of high standards of teaching, learning, research and knowledge structure. The university systematically identifies, determines and map attainments of its POs, PSOs and COs. Attainment of POs and PSOs are also mapped with several cross cutting issues. The marks/grades obtained in a particular course for the semester-end examinations serve as an indicator of attainment of COs, POs and PSOs. The rubrics for checking the attainment of COs and PSOs have been designed and approved. Further the extent of learning is assessed along with the learning objectives, with contextual, content-specific and criterion-based evaluation. Thus, each Subject /Course (Theory and Practical) is mapped based on various aspects viz., Weightage, Hours of Teaching, Bloom's Taxonomy and PSO defined for a particular academic program. The outcomes are measured by assessing the performance of students viz., Pass Percentage of students; a smaller number of dropouts and number of students attaining first division. Outcomes are also measured by placements and admission to Higher Education Programs in National and International Institutes / Universities. The percentage of students passing or clearing NET/JRF, UPSC, MPPSC, UGC-CSIR, GATE, GRE and other examinations are also considered.**

| File Description | Documents |
| --- | --- |
| Upload relevant supporting document | **No File Uploaded** |

**2.6.3 - Number of students passed during the year**

**2.6.3.1 - Total number of final year students who passed the university examination during the year**

**27949**

| File Description | Documents |
| --- | --- |
| Upload the data template | [View File](#) |
| Upload relevant supporting document | **No File Uploaded** |

**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 web link)**

NA

**RESEARCH, INNOVATIONS AND EXTENSION**

**3.1 - Promotion of Research and Facilities**

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

The MSUB is a Multi-Disciplinary Education and Research University and has a well-defined 'Research Policy, Academic Integrity Policy and Consultancy Policy'. The university has implemented several initiatives to build and sustain robust research culture like 'Academic Development Fund' and research incentivization fund, Citations Awards to financially support faculty members/research scholars and also for obtaining Patents. Some PhD Scholars have earned prestigious fellowships too. The research facilities across the university are updated frequently with support of government and industrial sponsoring agencies. All the Ph.D. Guides have access to plagiarism checking software (Urkund and iThenticate). A Departmental Research Committee and Faculty Level Research Advisory Committee are constituted to review and enhance quality of Research. The Research and `Consultancy Cell has been established to support in-house and sponsored research, consulting, and other R&D related activities. The university continually organizes activities to boost Research. The university library has a rich collection of rare books, manuscripts, reference/text books and e-resources. The university has a very strong research collaborations and MoUs with national/international institutions and industry for Research. The university has adopted a research code of conduct to ensure standardized and ethical conduct of quality research activities.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

**3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)**

53.84

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year**

4

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year**

35

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

| **3.1.5 - Institution has the following facilities to support research Central Instrumentation Centre Animal House/Green House Museum Media laboratory/Studios Business Lab Research/Statistical Databases Moot court Theatre  Art Gallery** | A. Any 4 or more of the above |
|---|---|

| File Description | Documents |
|---|---|
| Upload relevant supporting document | View File |

**3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year**

34

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

## 3.2 - Resource Mobilization for Research

## 3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

**135.41**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

## 3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

**135.41**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

## 3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

**99**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

## 3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

**The MSUB has established Institute of Interdisciplinary Studies**

to build an inter-disciplinary research culture and Atal Bihari Vajpayee Institute of Policy Research and International Studies to serve as a think-tank on public policy, security and foreign policy, and development issues whereas Institute of Leadership and Governance inculcates leadership qualities in students. It has established the Center for Startup and Innovation for providing impetus to the growth of innovation and startup eco-system in the university. The university has set up 'The Maharaja Sayajirao Innovation Startup and Entrepreneurship Center' for supporting innovations and startups. It has formed Advisory Committee including of experts for framing related policies. It has established framework and procedure for providing financial and mentoring support to innovators for prototype development. Investor and Mentor Network is being strengthened with the connections of stakeholders. The Research and Consultancy Cell supports conduct of research, and consultancy. The university has signed MOUs with several industry bodies and foreign universities for research and training programs. It has established Center for Publication Ethics and approved 'Academic Integrity and Research Policy' to develop awareness and promote academic integrity and publication ethics. The university has introduced two-credit compulsory course 'Research and Publication Ethics' for PhD research scholars.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

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

29

**3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year**

29

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year**

**3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year**

**46**

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | **No File Uploaded** |

**3.4 - Research Publications and Awards**

**3.4.1 - The institution ensures implementation of its stated Code of Ethics for research**

| | |
|---|---|
| **3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following**<br><br>1. Inclusion of research ethics in the research methodology course work<br>2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)<br>3. Plagiarism check<br>4. Research Advisory Committee | **A. All of the above** |

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

| | |
|---|---|
| **3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website** | **A. All of the above** |

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | **No File Uploaded** |

**3.4.3 - Number of Patents published/awarded during the year**

**3.4.3.1 - Total number of Patents published/awarded year wise during the year**

44

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**3.4.4 - Number of Ph.D's awarded per teacher during the year**

**3.4.4.1 - How many Ph.D's are awarded during the year**

110

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

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

594

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**3.4.6 - Number of books and chapters in edited volumes published per teacher during the year**

**3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year**

104

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

| 3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS | A. Any 5 or all of the above |
|---|---|

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

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

| Scopus | Web of Science |
|---|---|
| 1011 | 978 |

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

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

| Scopus | Web of Science |
|---|---|
| 110 | 99 |

| 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 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

**The MSUB has always emphasized on the cultivation of strong links**

with industry and promotion of research work and various industrial activities by the faculty members and students. The MSUB has set up 'Research and Consultancy Cell' to promote collaboration between academia, research institutes, industries and corporates. The RCC acts as a liaison between the university and private or Industrial funding agencies to undertake consultancy projects. The consultancy assignments include job basically for providing expert advice, problem solving, targeted training, testing and laboratory based experimental work, undertaking sponsored research projects from industry, market research, surveys etc. The MSUB has approved consultancy policy which clearly specifies viz. Eligibility, Terminology, Terms and Conditions for Consultancy, University Consultancy Charges and Fee for scientific and technical advice. The RCC extend support to faculty members for undertaking sponsored industrial research projects and industrial consultancy projects. The university has provided consultancy services to number of institutions, departments and industries. The consultancy assignments and jobs are incorporated in curriculum design to improve quality of teaching-learning and research in university. The university also encourages especially young teachers from Humanities and Social Sciences to undertake research and consultancy.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

**3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)**

**3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)**

81.52

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**3.6 - Extension Activities**

3.6.1 - Extension activities in the neighbourhood community in terms of impact and  sensitising students to social issues and holistic development during the year

The MSUB organizes wide range of extension activities to

sensitize and develop awareness among students and other stakeholders. It includes drive for Swacch Bharat, Say No to Plastics, Anti-Drug Addiction Drive, Free Health and Thalassemia Check-Up, Blood Donation Camps, Organ Donation Awareness Camp, Child Health Care Awareness, and other Government programmes. Street plays are performed on social issues, campaigns concerning environmental issues have been conducted and competitions on social issues are held. The students' associations collect donations for poor, and distributes necessities to the needy. The Law Faculty has established legal aid clinic to provide free legal advice. Faculty of Family and Community Sciences have implemented Internships and field work for community welfare activities. Foods and Nutrition Department celebrates breast feeding week. Faculty of Social Work has initiated a field action project SETU-A virtual Help Desk related to COVID prevention and control. Faculty of Performing Arts organizes various community programmes on social issues. Students visit Mental Asylum, Hospitals and Central Prisons to stress out them through performances. Students of Technology and Engineering organize Prerna exclusively for physically challenged persons. Counselling Centre of Department of Psychology provides free psychological testing, counselling, and therapeutic services and Helpline services to the local community.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

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

**3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year**

0

| File Description | Documents |
|---|---|
| Upload the data template | No File Uploaded |
| Upload relevant supporting document | No File Uploaded |

**3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised**

**in collaboration with industry, community and NGOs)**

**19**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | **No File Uploaded** |

**3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year**

**557**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | **No File Uploaded** |

**3.7 - Collaboration**

**3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year**

**3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year**

**45**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | **No File Uploaded** |

**3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year**

**10**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

## INFRASTRUCTURE AND LEARNING RESOURCES

## 4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

The MSUB has adequate Physical and IT infrastructure facilities for teaching-learning to fulfil the personalized needs of the students and staff. It comprises of 12 campuses spread over 275 acres land with majority of heritage buildings of great architectural importance. It has 460 Classrooms and Lecture Theatres, 63 Seminar Halls, 230 Laboratories for conduct of academic and research activities. Smart Classrooms, Digital Board and Video Conferencing facilities are available. Smt. Hansa Mehta Library has collection of more than 8.5 lakh books, 14,000 Digitized Dissertations/Ph.D. Theses, and vast pool of e-resources with remote access facility for staff and students. It has 13 constituent and 25 Departmental libraries too. The MSUB has an Astronomical Observatory, 8-Inch Refractor Telescope, Play Box, an Arboretum, a Botanical Garden and Animal House. It has established museum in clothing and textile and museology departments whereas an archaeological museum of Arts faculty has rare collection. Faculty of Performing Arts has an audio studio and wardrobe for theatre and dance costumes and museum of rare collected music instruments. The MSUB has 10 Auditoriums of different capacities, 03 Open Air Theatre, and 02 Amphitheaters, and 04 Art Galleries. Multimedia Studio is set up at Faculty of Journalism and Mass Communications.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

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

According to the provision of the MSUB Act, 1949, University Board of Sports is appointed, under chairmanship of Pro-Vice Chancellor and other esteemed members to ensure necessary facilities. At union pavilion, the department of physical

education provides state of art facilities for indoor and outdoor sports/games, Physical Education, Yoga for students, staff and alumni. It also consists of Swimming Pool, Gymnasium, Multi-Purpose Indoor Sport Complex, Two Cricket Ground, Basketball Court, Badminton Court, Hand Ball Court, Table -Tennis Court, two tennis courts with a wooden floor and a table tennis hall, Hockey turf, two volleyball courts Football pitch, Kabaddi courts, Kho-Kho courts and Clay courts. Athletics track, Synthetic fields, Walking track as well as play areas and facilities are regularly used by students. The department organizes competitions at various levels & arranges various sports events sponsored by Government departments, Sports academies/Association, Khel-Mahakumbh, tournaments. The Sport complex also offers running track, washrooms and changing rooms. To promote cultural activities, the university is having 10 auditoriums of different capacities, three open air theatre, and amphitheatres. The faculty of Performing Arts is having Concert hall, Gayan Vadan Sabha Khand for live Music & Dance Performances.

| File Description | Documents |
|---|---|
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## 4.1.3 - Availability of general campus facilities and overall ambience

The MSUB inherit many majestic, spacious heritage buildings and to this, many new buildings with modern amenities and infrastructural facilities have been added to meet the growing requirements of the rising number of students. It has 16 Hostels (04 Girls and 12 Boys) with total number of 1100 rooms to accommodate 3200 Boys and 1800 Girls students. It has 425 well-furnished residential staff quarters. The MSUB has put efforts to make its campus Divyangjan-friendly. The entire MSUB campus is Wi-Fi-enabled. Many Faculties/Departments have Digital Board and Video Conferencing facilities and Advanced Video Conferencing and Smart Classroom facilities are set up. The MSUB's Health Centre caters to the medical needs of students and staff whereas union pavilion provides indoor and outdoor sports facilities to them. The Computer Center has enabled implementation of various innovative e-Governance initiatives of the university. The MSUB has put efforts to add, augment and improve physical and IT infrastructural facilities for students and staff with financial assistance received from Government of Gujarat, RUSA, Alumni, other funding agencies and also from its own corpus. The MSUB shares infrastructural facilities with centres of IGNOU, and BAOU and AICTE, New Delhi. The MSUB also acts as nodal center for

**GSLET.**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

## 4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

**421,570,111.05**

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | **No File Uploaded** |

## 4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

**Smt. Hansa Mehta Library is among the top 10 must visit biggest libraries in India. (https://www.hmlibrary.ac.in/). It has initiated new ideas in line with digitization and automation aimed at exploring the digital scholarship through its SOUL software. An e-resource centre has been developed at Sir Sayajirao Memorial Trust Library for UG students. The HM library is having 1000+ e-books that are accessible through 10 kindles. It offers Local Guru-digital Library Online and students can access all NPTEL Videos from the library without Internet. Smt. HM Library has entered an MoU with INFLIBNET and has digitized 3900+PhD Theses since the inception of the University and uploaded on SHODHGANGA. All these PhD Theses are uploaded on Institutional repositories and also on ProQuest Dissertation and Thesis (PQDT). It has created a platform named "Open Knowledge Gateway" to offer customized access of free resources. The Oriental Institute of university have a precious collection of very old and rare manuscript from 16th and 17th centuries and each of these manuscripts have been digitized with the help from National Mission on Manuscript. It has linked subscription facilities for access of digital libraries viz., ASTM Digital Library, Knimbus Digital Library, and DELNET Digital Library.**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

| | |
|---|---|
| **4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases** | A. Any 4 or all of the above |

| File Description | Documents |
|---|---|
| Upload relevant supporting document | View File |

**4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

0.00

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

**4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)**

304

| File Description | Documents |
|---|---|
| Upload relevant supporting document | View File |

**4.3 - IT Infrastructure**

**4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year**

642

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

MSUB had approved its Information Technology (IT) Policy in year 2016. Initially, Rupees 12 Crores were spent to set up Wired LAN and a provision of 8000 Plus LAN access points with the installation of the Fiber Optic Cable having spread of 30 Kms is made. The university has spent Rupees 2 Crore for the establishment of WI-FI infrastructure facilities, and Rs. 18 lakh are annually spent for maintenance of the Wired LAN. The University has indigenously developed Online Examination System for conducting exams of 45000+ students. CCTV Surveillance System with more than 700 CCTV surveillance cameras are installed. Advanced Video Conferencing facility, Smart Class room, Advanced Audio Video Studio, Language Laboratory are set in the Campus. The Computer Centre has initiated an indigenous MSUB-IS project for maintaining students life cycle and Annual Report Management System for teachers. In year 2021, more than 65000+ students have applied for admission through MSUB-IS software. The university has approved and adopted e-Waste Policy and Procedure too. The University has set up Learning Management System implemented with Moodle Software to conduct various academic activities. Online classes are held using licensed software of Microsoft Teams with the support of Computer Centre.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

## 4.3.3 - Student - Computer ratio during the year

| Number of students | Number of Computers available to students for academic purposes |
|---|---|
| 47583 | 4929 |

| 4.3.4 - Available bandwidth of internet connection in the Institution (Leased line) | • ?1 GBPS |
|---|---|

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |

| 4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing | A. All of the above |
|---|---|

**System(LCS) Mixing equipment's and softwares for editing**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | No File Uploaded |
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## 4.4 - Maintenance of Campus Infrastructure

### 4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

74,628,998.17

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
| Upload relevant supporting document | No File Uploaded |

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The MSUB has established systems and procedures for maintaining and utilizing the physical and academic support facilities. It has framed its maintenance Policy to maintain and use physical, academic and support facilities. The Construction Division (CD) is mainly responsible for maintenance of physical infrastructure across the campus. Director, Computer Centre is responsible for maintenance of IT infrastructure whereas Director, Physical Education, Medical Officer, Health Centre and University Librarian as well as concerned Deans /Principals of the Faculties/Colleges are responsible for maintaining and utilizing the physical and academic support facilities. The university constitutes various Statutory Committees as well as advisory bodies the decisions of physical infrastructure. All purchases are done through GeM only. The Finance Committee looks after the finances for the developmental works and preparation of the Annual Budgets and are approval of the Syndicate/Senate of the university. The Library staff is trained to take care and handle library documents. Fire Safety Equipment are maintained properly and are cross- checked through mock drills. The University has appointed Police Officer (Retired) as Security and Vigilance Officer to lead separate Vigilance Squad of Gents and Ladies to ensure safety and law and order in university campuses.

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

## STUDENT SUPPORT AND PROGRESSION

## 5.1 - Student Support

## 5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

**87**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
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## 5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

**314**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | **No File Uploaded** |

| 5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution 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 |
|---|---|
| Upload the data template | **No File Uploaded** |
| Upload relevant supporting document | **No File Uploaded** |

| 5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases | • **All of the above** |
|---|---|

**Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

**5.2 - Student Progression**

**5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)**

**5.2.1.1 - 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**

**192**

| File Description | Documents |
|---|---|
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| Upload relevant supporting document | **No File Uploaded** |

**5.2.2 - Total number of placement of outgoing students during the year**

**1357**

| File Description | Documents |
|---|---|
| Upload the data template | <u>View File</u> |
| Upload relevant supporting document | **No File Uploaded** |

**5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year**

**6832**

| File Description | Documents |
|---|---|
| Upload the data template | View File |
| Upload relevant supporting document | No File Uploaded |

## 5.3 - Student Participation and Activities

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

**67**

| File Description | Documents |
|---|---|
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| Upload relevant supporting document | No File Uploaded |

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

MSUB Handbook Act, 1949 has the provision of a University Union of students, a statutory body elected alike State or National elections to instils leadership qualities among students. General Secretary and Vice President (reserved for Girl Students) of the University Union become the ex-officio members of the Senate of the university. Additionally, each Faculty/College elects General Secretary, Faculty and Class/Department Representatives to form Students' Association. These student bodies help students to create connections, build relationships, expand skill sets, sensitize, and orient and inculcate values and ethical practices. They organize inter-faculty/departmental academic, social, cultural and sports events and raise funds. Each year youth festival is also organized, to unleash students' potential in varied fields. It fosters confidence, discipline, partnership, team building, communication, leadership and management skills, relevant work experience and skill enhancement to ensure holistic growth and development of students aimed at creating sense of belongingness and recognition. The students participates enthusiastically in several activities, competitions and enjoy commemorative days. Few prestigious students' events include viz., Prerna, Paramarsh, Footprints, BBA Baazigar, Cyberia, Yuvaantas, Techkshetra, Neev, Aditya, Kaffila, Razzmatazz etc. solely managed by the students. It also organizes activities concerning Sports, Literary, Cultural, Moral Education, and

**Placement and Counselling of students.**

| File Description | Documents |
|---|---|
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## 5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

**189**

| File Description | Documents |
|---|---|
| Upload the data template | [View File](#) |
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## 5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year

**Alumni of the MSUB have an emotional connect with the university and has registered alumni associations in some departments. The Office of Alumni Affairs and Donors' Relations acts as a coordinating office for alumni activities in MSUB. It has launched interactive website titled "alumni.MSUBaroda.ac.in" and organises key activities like coordination of Heritage Walk "Xplore MSUB – Route to our Roots"; MSUB Heritage Exhibitions; preparation of Short Films on MSUB Heritage to name a few. It Alumni have played a vibrant role in keeping the legacy intact with the development of the infrastructure, modernization, and improvement of MSUB, which include development of physical infrastructure. Alumni organizes events and provides support to the students too. They offer financial, logistic, and managerial support in conduct of student events and exhibit their personal heritage collections as well as art (Paintings, Murals, etc.) and auction these creations for raising funds for students' activities. Many have allowed students to use their factories, offices, and facilities to work on their ideas and offer them financial support and technical guidance. The university has institutionalized several merit awards with the support of alumni to raise morale of students.**

| File Description | Documents |
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| **5.4.2 - Alumni contribution during the year (INR in Lakhs)** | A. ? 5Lakhs |
|---|---|

| File Description | Documents |
|---|---|
| Upload relevant supporting document | View File |

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

## 6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

MSUB is a Multi-Disciplinary Education Research University (MERU). "Satyam Shivam Sundaram" of the university stands for 'Truthfulness-Godliness and Beauty. It aims to sustain its deep rooted social and national values of ancient India. It has consistently put efforts to sustain an environment of academic excellence and innovative research to enable students andstaff thinkglocally create an equitable society that ensures better quality of life to all. It has a strong ethical work culture and inclusivity. The MSUB has established Jammu Kashmir, Northeast and Tibetan Cultural Centres, Atal Bihari Vajpayee Institute of Policy Research and International Studies, and Institute of Leadership and Governance to promote values in students. It has set up MSISEC to supportstartupand innovations. The MSUB's Governance is routed through authorities of the university viz., Senate, Syndicate, PG Council of Studies and Research, Faculty and Board of Studies. It has established Cells and Offices viz., International Affairs, Corporate Affairs, Alumni Affairs and Donors Relationships, Career Advancement for Students and MDC. MSUB has developed Cells viz., IQAC, Research and Consultancy, Communication, Career and Counselling, Placement, Human Resource and Development Directorate of Students' Welfare, etc. for strengthening academic and administrative Governance to realize vision and mission of MSUB.

| File Description | Documents |
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6.1.2 - The effective leadership is reflected in various institutional practices such as decentralization and participative management

The success of MSUB is the result of the Participatory Management Practices, Decentralization and Collective Leadership and integrated efforts of Strong Teamwork of all stakeholders who strives continually to achieve the vision of MSUB. The Syndicate being executive body closely interacts with all the stakeholders. The financial proposals are placed before Finance and Establishment Committee and Syndicate for approval. The academic and administrative autonomy empowers teachers to enhance interest of student community. Participative management is being practiced through various Committees set up at different levels which also includes industry experts and nominated members. The university ensures participation of student body through elections. Grievance redressal, curriculum changes/improvements and overall visioning happen through a more open deliberation in participative management. The university delegates powers of decision-making to disbursement officers supported with establishment of Cells, Offices, Bodies and Committees. The various committees comprising of faculty members, officers and other stakeholders' function well and help university to frame policies. Periodical review meetings of various committees are also held. The reports of the specialized internal/external committees are subsequently considered and monitored by the PG Council and Syndicate of the university. A democratic decision-making process helps the University to have truly participatory decentralized administration.

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## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

One of the successfully implemented activity based on the strategic plan is 'Implementation of the NEP2020'. The strategic plan has been drafted considering hierarchy and institutional support to realize vision and mission statements of the university. It has included various growth and development dimensions for achieving excellence in viz., academic, research, extension, governance, leadership, physical and ICT infrastructural improvement with strategic focus on access, expansion, equity and inclusion as envisaged in implementation of

the NEP2020. It also aims to strengthen eco-system for promoting start-up and innovation, capacity building, collaborations, gender equity, and environmental sustainability for achieving holistic growth of students. Majority of the committees comprises of memberships of female participants. The university has established various committees on gender sensitivity. The Research and Consultancy Cell extend support to research, consulting, and R&D activities and incentives are given to teachers. It has organized various extension activities to sensitize students on social and environmental issues. The university has established 'Directorate of Student's Welfare' to disburse scholarships to students belonging to economically weaker sections. The entire university is Wi-Fi enabled supported with required IT infrastructure. It has implemented indigenously developed and implemented various e-Governance initiatives.

| File Description | Documents |
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| Upload relevant supporting document | No File Uploaded |

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

MSUB on pursuing of the idea of establishing a University by Shrimant Maharaja Pratapsinhrao Gaekwad on the recommendation of the Government of Baroda, MSUB was established on 30th April, 1949 and recognized under Indian Universities Act, 1958. The Governor of Gujrat is a visitor as per MSUB, Act 1949. Authorities of MSUB are Senate, Syndicate, Faculties, Council of Post-Graduate Studies and Research, Board of Studies and Board of Accounts. The Officers of the university are Chancellor, Vice-Chancellor, Pro-Vice-Chancellor, Deans/ Principals of Faculties/Colleges, Registrar, and Librarian with clearly defined powers and responsibilities under the MSUB Act,1949. On the administrative side, it is followed by the Registrar, Joint Registrar, Chief Accounts Officer, Development Officer, University Engineer, Auditor, Deputy Registrar, Public Relations Officer, and Assistant Registrar etc. The Academic Section, Accounts Section, ADE Section, ADM Section, Audit Section, Construction division, Grants Commission Unit are the varied offices with defined roles and responsibilities. The IQAC deals with Ranking, Re-Accreditation, and Scrutiny of Applications for Promotion and Recruitment etc. The university has approved Statutes/Ordinances concerning viz., Direct Recruitment, Promotion under CAS, Staff Welfare, Student Admissions/fees, Donations, etc. that are framed in lines with Rules of

**State/Central Government of India.**

| File Description | Documents |
|---|---|
| Upload relevant supporting document | **No File Uploaded** |

## 6.2.3 - Institution Implements e-governance in its areas of operations

| | |
|---|---|
| **6.2.3.1 - e-governance is implemented covering following areas of operation**<br><br>1. Administration<br>2. Finance and Accounts<br>3. Student Admission and Support<br>4. Examination | **A. All of the above** |

| File Description | Documents |
|---|---|
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## 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

**MSUB is a following time bound and transparent performance appraisal system for teaching and non-teaching staff. The structure and suggestive format of performance appraisal system has been prepared for Direct Recruitment and Promotion of teachers under Career Advancement Scheme is based on adopted Gazette Notifications of the UGC Regulations, 2018 and AICTE Regulations, 2019 in form of Revised Ordinances 198-B and 291 respectively. All permanent employees avail financial benefits, leave entitlement and support under welfare measures as per norms of the Government of Gujarat. The university staff credit society and MSUB Welfare Fund is set up. Tuition fee waiver is available for the wards of non-teaching staff from other fund. Free of cost medical facility for staff and their dependents in service and after retirement. It regularly organizes health camps for specific tests either at nominal charges or free of cost. The sports facilities available at the union pavilion are available for the staff members and their departments either with a token charge or totally free of cost. There exists a staff sports club**

**as well. One of the teachers' organizations organize summer camp for the children of teaching and non-teaching staff.**

| File Description | Documents |
|---|---|
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### 6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

**0**

| File Description | Documents |
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| Upload the data template | **No File Uploaded** |
| Upload relevant supporting document | **No File Uploaded** |

### 6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

**29**

| File Description | Documents |
|---|---|
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### 6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

**169**

| File Description | Documents |
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### 6.4 - Financial Management and Resource Mobilization

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

**MSUB being a State Government university, the major source of receipts is Grants disbursed from the State Government of Gujarat. The University receives financial support under**

different schemes from Central Governments and various other funding agencies for research. CSR funding, intangible support, donations, funds for instituting Gold-Medals, Scholarships, Free ships are received too. Each year university prepare revenue budget of the ensuing financial year as submitted by Faculties/Colleges. The consolidated budget and Annual accounts of the preceding financial year thereafter is put up before the Statutory bodies for approval. The university has Audit department which ensures due compliance of guidelines of Government of Gujarat. The university forms certain statutory purchase committees viz., Purchase, Building, Computer Experts etc. and its meetings are held on a monthly basis for the approval of purchases. The majority of purchases are made online using Government E Market Place (GeM). The university has constituted Investment Committee which has decided policy and guidelines for judicious investment in nationalized banks and Government securities only. The university maintains its corpus and interest earned is utilized to support research build and upgrade infrastructural requirement, facilities and amenities for staff and students.

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**6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)**

0

| File Description | Documents |
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**6.4.3 - Funds / Grants received from non-government bodies, individuals,philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)**

0

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6.4.4 - Institution conducts internal and external financial audits regularly

**MSUB has established audit section that conducts Pre and Post-audit activities strictly as per the directives, guidelines and norms of the Government of Gujarat. All expenses are to be incurred by Disbursement Officers that is Deans/Principals of Faculties/Colleges as per the provisions of Ordinance 31 which enumerates the financial powers of the authorities as per the MSUB Act,1949. The audit department scrutinizes all invoices submitted by Faculties/Colleges/Institutes as per norms within the limits of budgetary provisions and afterwards forward it to the accounts section that mostly make online payment. Audit section is responsible for scrutiny of each of the purchase proposals and adherence of due compliances and submission of replies of Audit Paras, if any of AG and Government of Gujarat. The MSUB also appoints panel of independent firms of professional Chartered Accountants over and above pre and post audit activities of the audit section. The post-audit is done by the audit department and in form of external audit by the Panel of Chartered Accountants. The university's "Board of Accounts" looks into accounting aspects of the university. Annual Accounts and Financial Estimates are presented in the annual meeting of the Senate for consideration and approval.**

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## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

**IQAC of MSUB has institutionalized quality assurance strategies and processes in the university by collection of data and information to continually review performance of its quality enhancement initiatives viz., to integrate teaching-learning, research, extension and consultancy opportunities, assessment of credibility of evaluation procedures, and ensuring adequacy of**

funds allocation for support structure and services. Based on feedback received from the stakeholders, IQAC has organised Workshops/Seminars/Conferences/ FDPs/QIPs to inculcate and internalise the quality parameters and best practices. All the decisions of the IQAC are placed before the statutory bodies. IQAC has ensured setting up of Faculty/College and or Department level IQAC in the university.

IQAC of MSUB has institutionalized two best practices. Firstly, Curriculum Design Development and Enrichment to ensures regular updation of academic programmes and courses and Secondly, Teaching-Learning Process, to ensure adoption of multi-strategy models in teaching. The Wi-Fi enabled campus aids in utilisation of e-resources and ICT tools to students and teachers.

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**6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

A. Any 5 or all of the above

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6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

Through painstaking effort of TEAM MSUB and IQAC, MSUB has put continual efforts for achieving excellence in Academic, Research, Extension, Governance, Leadership, Physical and ICT

Infrastructural improvement with strategic focus on Access, Expansion, Equity and Inclusion in implementation of the NEP:2020. The IQAC has led preparation of strategic perspective plan of MSUB to strengthen eco-system for Startup, Innovation, Capacity Building, Collaborations, Gender Equity, and Environmental Sustainability to ensure holistic growth of students. IQAC has strengthen adoption of CBCS and Electives/Specialization. It has adopted various examination reforms ensuring use of Bloom's Taxonomy to identify and improve Slow Learners and also incentivize Advanced Learners. MSUB has established 04 institutes viz., Institute of Leadership and Governance (ILG), Institute of Interdisciplinary Studies, Bharat Ratna Atal Bihari Vajpayee Institute of Policy Research and International Studies, and Institute of Climate Change Research. MSUB has set up MSISEC to support startups, innovations and incubation. Other centres include Internship, Mentorship and Apprenticeship, Capacity Building, Corporate Training, HRD Cell, Career Counselling, Training and Placement, and Publication Ethics. IQAC has taken lead in setting up offices viz., Career Advancement for Students, International Affairs, Corporate Affairs, Alumni Affairs and Donors Relations.

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## 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

Gender equity is imbedded in the vision and mission of MSUB. H.H. Maharaja Sayajirao (1875 – 1939) had made Girl's Education compulsory in the erstwhile Baroda State. Smt. Mrunalidevi Puar contributed as Chancellor (1988-2014) and Smt. Rajmata Shubhangini Raje Gaekwad is currently appointed as Chancellor of MSUB since 2015. Smt. Hansa Mehta served as the first Vice Chancellor of MSUB (1949-1958). Majority of the committees at University/Faculty level comprises of Female Members. The Post of Vice-President of the university election is exclusively reserved for Girl student. The university has established Anti-Ragging Committees, UGC's Women's Studies Research Center, Women's Grievance and Redressal Cell along with Non-Discrimination Policy to focus on gender sensitivity. Academic curriculum includes

Courses and topics on Gender equity. Separate NCC Wing encourages Girl Students with a nomination of Women Teacher as an in charge of it. Self-Defense Camps/Programmes/workshops are organized for female students and staff. MSUB has appointed Security and Vigilance Officer supported with Gents and Mahila Vigilance Squads. The university appoints lady Superintendents/Wardens in Girls' Hostels. The Faculty of Family and Community Sciences is equipped with a Day Care Centre. A crèche is also planned at university Head Office to take care of kids/infants.

| File Description | Documents |
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| Annual gender sensitization action plan(s) | Nil |
| Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information | Nil |

| **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 |
|---|---|

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7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

MSUB has framed "Green University Policy" and has undertaken Environment/Green, Energy and Water Audit. It has approved separate policy and operational committees for the disposal of dead stock and e-Waste. Solid Waste Management Compost Beds and Pits are used to turn foliage waste into manure created in the campus and in the Botanical Garden. All toilets and washrooms in the campus are connected to the municipal drainage system.

Residual liquid waste from the hostel mess has been put to good use by developing garden and landscape. The rainwater harvesting facility is created in majority of the buildings of the university. Facility of Sanitary Napkins Dispensers and Incinerators to dispose sanitary napkins are made available in Girls'/Ladies Washrooms. Biomedical waste is disposed as per guidelines of Indian Medical Association. Food Waste generated in the food laboratories is recycled with the help of a Composter. Hazardous chemical waste is collected in a big carboy and it is neutralized with lime and sent to a common effluent treatment facility for further safe disposal. Hazardous solvents are properly distilled in the rotavapor and reused to reduce the environmental hazard caused by discharging such solvents.

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| **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 |
| --- | --- |

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**7.1.5 - Green campus initiatives include**

| **7.1.5.1 - The institutional initiatives for greening the campus are as follows:**<br><br>1. **Restricted entry of automobiles**<br>2. **Use of bicycles/ Battery-powered vehicles**<br>3. **Pedestrian-friendly pathways**<br>4. **Ban on use of plastic**<br>5. **Landscaping** | A. Any 4 or All of the above |
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**7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution**

| | |
|---|---|
| **7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:**<br><br>1. **Green audit**<br>2. **Energy audit**<br>3. **Environment audit**<br>4. **Clean and green campus recognitions/awards**<br>5. **Beyond the campus environmental promotional activities** | **A. Any 4 or all of the above** |

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| **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.** | **A. Any 4 or all of the above** |

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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)

**MSUB sensitizes students and staff towards cultural, regional, linguistic communal and socio-economic diversities. It has students' enrolment across India and International Students from 37 countries (ICSSR/ Self-funded). It appreciates their entry irrespective of gender, race, religion, caste, ethnicity, community and socio-economic background. Special seats are**

reserved for students of JandK and Tibet. eIt takes special care of Divyangjan by providing specific services/facilities to them. It respects and value attributes of tolerance harmony and considering dress, food, habits, customs, caste, dialects, religion, and culture. It offers diverse courses viz., Forms of Indian Classical Art, Music, Dance, Drama, Art and History, Archaeology and Ancient History, Painting, Museology, Sculpture, Graphic Arts and Design, Applied Arts, Social Work, Family and Community Resource Management, Extension and Communication, Political Leadership and Governance etc. The curriculum includes topics/areas viz., Gender Sensitivity, Multi-Culturalism, Law, Plurality, Inclusivity, Mutual Respect, and understanding different cultures. It organizes events to cater personalized needs of students. It teaches Indian and Foreign languages. The MSUB celebrates various Commemorative Days and festivals. Faculties/Colleges have adopted strategies to make heterogeneous (religion and socio-economic) students' group to maintain harmony.

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

MSUB encourages students and teachers to actively engage in academic programmes, activities/ events related to constitutional obligations: values, rights, duties and responsibilities of citizens. The MSUB has established Institute of Leadership and Governance (ILG) to focus on training, trans-disciplinary studies and research related to leadership, and good governance structures in 2016. ILG offers a Diploma in Political Leadership and Governance and has formed Constitution Club and Gujarat Thinkers Forum. The MSUB has established 02 Centres under ILG viz., Centre for Indic Studies and Centre for Theological studies which practical sessions, and debates on Indian Constitution. The university celebrates constitutional day through fieldwork agencies and linkages with villages, slum communities, urban communities, and tribal areas. The university organizes curricular and co-curricular activities on viz., Indian Values, Leadership, Virtues and Character Strengthening, Organisational Citizenship Behaviour, Rights vulnerable groups, Dignity of Life, Peace, Harmony, Diversity in Religion, Ethnicity, Culture and Gender, Mental Health etc. The students join the National Cadet Corps and National Service Scheme to transform themselves as

patriotic citizens to shape their characters through community services. The MSUB through ILG has put substantial efforts to sensitize students and staff on constitution obligations to imbibe values, rights, duties and responsibilities of citizens.

| **7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic 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 Code of Conduct are organized** | All of the above |
|---|---|

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

MSUB celebrates commemorative days viz., Establishment Day of University, Birth Anniversary and Day of Coronation of Maharaja Sayajirao and various such other events and festivals. It includes celebration of viz., Mahatma Gandhi, Sardar Patel and Ambedkar Jayanti, Independence Day, Republic Day, Constitution Day, National Technology Day, Computer Day, World Pharmacist Day, National Handloom Day,, Human Rights Day, Women's Day, World Water Day, Earth Day, World Mental Health Day, World Diabetes Day, World Immunology Day and World Food Safety Day, etc. To inculcate social responsibilities and human values among students, the university also celebrates various National and International Days. The Faculty of Performing Arts celebrates World Music Day, etc. as well as Ustad Fayyaz Khan's Birth Anniversary as Dev Gandharva Day- Prem Piya Festival, Anniversary of Prof. Maula Bux, tribute to Tabla Maestro Prof. Sudhir Kumar Saxena, Pandit Bhatkhande Jayanti, C.C. Mehta, and, Maestros Pt. Bhimsen Joshi Sabhavadan, Pt. Ravi Shankar and other legendary artists. Department of Architecture celebrates "Reflection by organizing Exhibitions on Design. Faculty of Science celebrates Wild Life Week by organizing various events and organizes Science Fair. It celebrates Birth Anniversary of late Professor Prasanta Chandra Mahala Nobis as well as celebrates Botany and Geo Fests.

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## 7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

**Best Practice 1:**

**MSUB Integrated System (MSUIS) for Strengthening e-Governance Initiatives of MSUB: The Computer Centre has indigenously developed MSUIS (Integrated Portal) as single data repository for data generation, quick access and generation and submission of numerous reports as required by Government, Ranking /Rating Agencies, Students, teachers, funding agencies, corporate, alumni, and other stakeholders to improve operational efficiency resultant into strategic decision-making. The primary context is to encompass and integrate each of the aspects of student's life cycle and other operations. MSUIS is aimed to transform under 'Digital University Framework' for various functionalities with a special focus on academic operations of university.**

**Best Practice 2:**

**MSUB's Initiatives and Development Plan for Implementation of National Education Policy (NEP)2020:**

**MSUB being MERU impart Multidisciplinary, Professional, Value-Based, Lifelong Education following 'Satyam Shivam Sundaram'. MSUB strives for achieving excellence in academics and research through capable faculty and students. The IQAC and Core Committee has prepared 'Institutional Development Action Plan' (Short/Medium/Long Term) for implementation of NEP. The key initiatives implemented include Outcome-Based Education and Mapping of attainments for Academic Programmes.**

## 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)

**Student support and Financial Assistance to Economically Disadvantaged Students through Directorate of Students' Welfare**

(DSW)

The MSUB has equity and inclusion, as one of its priorities keeping major thrust upon student's welfare and strives to achieve these objectives by setting up a support system to inculcate human values, tolerance, compassion, and equanimity among students and staff to sustain deep rooted social and national values of ancient and conventional India. It has consistently put efforts to sustain an environment of academic excellence and innovative research to enable students and staff think glocally to create an equitable society that ensures better quality of life for all. One of the significant endeavours in this direction is the establishment of Directorate of Students' Welfare (DSW) in March 2013. A part of modified Ordinance 294 of the University Handbook, it makes provision for an 'Economically Disadvantaged Students Support Fund'. DSW is an innovative student-centric initiative primarily to provide financial assistance by way of Scholarships/Fee Waivers/Free ships to the economically weaker, regular and bonafide students of the university, who are not receiving any kind of scholarships from any other agency. Besides this, it is also considering scholarships to Divyangjan studying in the university.

| 7.3.2 - Plan of action for the next academic year |
| --- |

MSUB is always focused on imparting result-oriented holistic education to its students. For the next Academic Year, MSUB has decided to dedicate wide range of activities towards celebration of 'Azaadi ka Amrut Mohatsav', so as to inculcate the values of Patriotism and Nationalism. Activities towards celebrating India's G20 Presidency will be undertaken to promote 'Vasudhaiva Kutumbakam'. Major efforts will be taken in the direction of implementation of NEP-2020 in its teaching-learning, research, extension, infrastructure, governance, and leadership aspects with support of students, staff and stakeholders. This will include changes into the existing programme structures, course content, offering basket of courses and adoption of easy entry and exits from the programmes. MSUB is also inclined towards celebrating 150thBirth Anniversary of Shri Aurobindo by organising exhibitions, expert talks, deliberations and discussions on how his preaching can be indoctrinated for moulding the youth of today. As MSUB is MERU, it is striving its best towards enhancing Research, Innovation, Start-ups and creation of IPRs amongst teachers and students. To this, special attempts will be done to augment R&D across the University. Students will be motivated to get involved into innovative

**practices and will be encouraged for start-ups.**