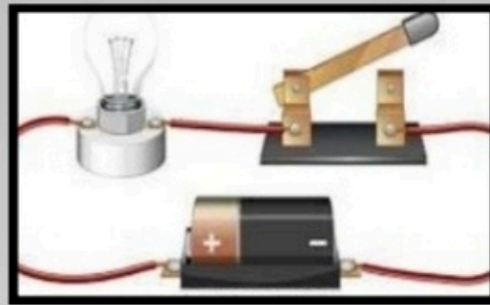




ELECTROBYTE-2022-2023

ELECTRICAL ENGINEERING DEPARTMENT POLYTECHNIC, THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA



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T Pratap Singh Gaekwad of Baroda (1908–1968) (the last Maharaja of the erstwhile Baroda State) founded The Maharaja Sayajirao University of Baroda in April 30, 1949 on the wishes of his grandfather, Maharaja Sayajirao Gaekwad III (1863–1939), and settled the Sir Sayajirao Diamond jubilee and Memorial Trust, which exists to date, catering to the education and other needs of the people of the former Baroda State. The Maharaja Sayajirao University of Baroda, a State University with English as its medium of instruction is a premier unitary residential University, established on 30th April, 1949 recognized by Government of India under the Indian Universities Act, 1958. The University has been assigned 'A' Grade by National Assessment and Accreditation Council with CGPA of 3.16 in the year 2016. It has one main and 6 satellite campuses, spread over 274.81 acres of land.



The University comprises of 111 Departments under the umbrella of 14 Faculties, 3 Constituent Colleges, 8 Institutes and 13 FTE, MSU Prospectus 2024-25 4 Centers of Specialized Studies, wherein more than 46,000 students pursue higher studies under the care and supervision of more than 1450 highly qualified and experienced teaching staff. The University has 16 Hostels, Health Centre, Sports Ground, Convocation Ground, Press and Stationery Unit, Guest House as well as other academic and administrative units spread across the campus. Besides, there are 9 Multipurpose Auditoriums, 8 well equipped Seminar Halls, 2 Open Air Theatres, an Amphitheatre, a Play Box, an Art Gallery, an Arboretum, a Botanical Garden, several lecture theatres and conference rooms. The University offers a wide range of academic programmes from early childhood to Under-Graduate and Post-Graduate levels including Ph.D., with Choice Based Credit System (CBCS) for students to select value added subjects of their interest, other than Grant-in-Aid academic programmes. The University also offers innovative Science and Technology programmes in the field of Cell and Molecular Biology, Nanotechnology, Petroleum Geology, Medical Biotechnology, Bioinformatics, Disaster Management, Embedded Systems, Packaging Engineering, Welding Technology etc through some cutting edge research centers like Centre for Biotechnology, Prof. Bharat Chattoo Genome Research Centre, Centre for Molecular Genetics, Cluster Innovation Centre, Centre for Excellence in Polymer and Siemens Centre of Excellence for industry automation. Other than that, a number of socially relevant job and knowledge oriented academic programmes are also on offer by the University like M.E. in Microelectronics & VLSI Design, Master of Urban and Regional Planning, Post-Graduate Diploma in Strategic Human Resource Management, P. G. Diploma in Food Service Management as well as Bachelor and Master of Design. University also offers Certificate Courses in Temple Management, Diet and Healthy Living, Sports Nutrition, Fitness Management, etc. The University interacts extensively with the Industry and the civil society in the curriculum development and updation process. The University has signed MOU's with International Universities/Institutes like University of Cambridge, University of Laval, University of Stuttgart, University of Cornell, Ithaca, University of South Carolina, Keio University etc. for the exchange of students and teachers which adds to the enrichment of curriculum from global perspective. Smt. Hansa Mehta Library is the Central Library in addition to 13 constituent libraries and 25 Departmental libraries with over 8 lakh books/periodicals and above 14000 digitized Dissertations/Theses. It has the single largest air-conditioned reading room which can accommodate about 1600 readers at a time and the library is open to the readers 14 hours a day. The MSU has one of the largest Hostel Campuses in western India with 12 Boys' and 4 Girls' Hostels with all modern amenities. Hostel admission is an online process from application to allotment of room to the students. The University Health Centre provides routine medical treatment to the students and staff of the University and has a physiotherapy unit, a Pathology Laboratory and Marg Counselling Centre. The University has a magnificent union pavilion overlooking a large ground with outdoor facilities like an athletic track, a cricket ground, hockey and football fields, two tennis courts, two basketball courts, four volleyball courts, two kabaddi grounds, malkhamb, a kho-kho ground, a handball court and a swimming pool. Indoor facilities include table tennis hall, badminton court, gymnasium and a multipurpose hall. The University has always been in a pioneering position in implementing the policy issues regarding education. It rose to the occasion during the recent pandemic by conducting a large number of on-line programmes and switching over to the online mode of teaching and evaluation successfully. The University organised numerous programmes to propagate the letter and spirit of the National Education Policy and has taken significant strides towards its effective implementation. All these aspects make The Maharaja Sayajirao University of Baroda one of the leading Institution in the area of Higher Education and Research.

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FACULTY TAKING CARE
OF ELECTRICAL
EQUIPMENTS



A REVIEW OF YEAR



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