

68th ANNUAL REPORT 2016-17

At a Glance

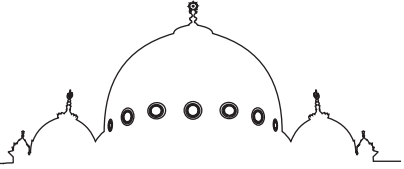


The Maharaja Sayajirao University of Baroda

Accredited "A" grade by NAAC

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Vision of the Maharaja Sayajirao University of Baroda

The progress of a nation requires that its people should be educated. Knowledge is a necessity of man. It instils in him a desire to question and to investigate, which leads him on the path of progress. Education, in the broadest sense, must be spread everywhere. Progress can only be achieved by the spread of education. Cooperation is necessary to achieve any worthy end and this readiness to cooperate will not be found in people if they are not educated.

H.H. Maharaja Sayajirao Gaekwad III

Mission Maharaja Sayajirao University of Baroda

- ⇒ Promoting and enhancing high standards of teaching, learning and research for on all-round development of students.
- ⇒ Providing a learning environment that nurtures critical reflections, exchange of ideas and innovation among students to help them realize their optimum potential.
- ⇒ Increasing access to education by all sections of the society.
- ⇒ Relating knowledge to the contemporary socio-economic needs and moral concerns.
- ⇒ Building mutually enriching linkages with the society and its institutions.

क्रियाशक्त्या विना कापि ज्ञानशक्तिर्न दृश्यते ।
तेनेवं ज्ञानशक्त्यर्थं कृतं वेश्म क्रियामयम् ॥

There is nowhere seen the power of knowledge without having the power of action; therefore, for the attainment of power of knowledge, this action prone 'home' (in form of human body) is fashioned.

(No. 11763, *Mahasubhasitasangraha*, Vol VII, Ludwik Sternbach, VVRI, Hoshiarpur, 1999, pp. 3309-3310)



His Highness Shrimant Maharaja Sayajirao Gaekwad III

I do not mean education merely in the sense of book-learning. There are other ways which you well understand and upon which I need not enlarge. Education is one part of the temple of knowledge and it should be available for all without restriction of cast and creed. When this has been done intelligently, we may then be able to ascertain the extent of human progress.

(Speeches & Addresses of His Highness Sayajirao Gaekwad III,
Vol IV 1934-1938, Pub. in 1938 from Cambridge, page 773)



MAHARAJA PRATAPSIHRAO GAEKWAD

First Chancellor, visionary ruler of the Baroda state and grandson of Maharaja Sayajirao Gaekwad III, instrumental in the establishment of MSU in 1949, founder of Baroda Cricket Association, expert horse-rider and accomplished polo player.

Tenure: 1949 - 1951



MAHARAJA FATEHSINHRAO GAEKWAD

Second Chancellor, son of Maharaja Pratapsinhrao Gaekwad, an astute administrator, ardent sports lover and cricketer, Member of Parliament, Minister in the Government of Gujarat, Cricketer, elected twice as the president of BCCI.

Tenure: 1951 - 1988



DR. MRUNALINIDEVI PUAR

Third Chancellor, eminent scholar in the discipline of Foods and Nutrition, Chairperson of the Foods and Nutrition programme committee of the International Federation of Home Economics (France), Member of the Advisory Committee of Rajiv Gandhi Institute of Contemporary Studies, Member of the Commission on Education and Training, IUCNNR, Switzerland, author of several books and articles.

Tenure: 1988 - 2014



RAJMATA SHUBHANGINIRAJE GAEKWAD

Present Chancellor, graduated from Lucknow University in 1964, with Honours in History, English Literature and Economics, holds several eminent positions in Social Welfare, Healthcare, Commerce and Environment Protection organizations, President and Chairperson of greenery promotion committee of Society for Clean Environment (SOCLEEN), Member of the World Wide Fund for Nature-India and Senator of The Maharaja Sayajirao University of Baroda since 2012.

Tenure: 2015 onwards

Roll of Honour: Vice-Chancellors



01



Dr. Smt. Hansa Mehta
30-04-1949 to 29-04-1958

02



Dr. Jyotindra Mehta
30-04-1958 to 29-04-1964

03



Dr. C S Patel
30-04-1964 to 29-04-1970

04



Shri. N K Vakil
21-05-1970 to 30-05-1974

05



Prof. P J Madan
01-01-1975 to 31-12-1980

06



Lord Dr. B C Parekh
07-12-1981 to 23-11-1984

07



Dr. M N Desai
17-04-1985 to 22-09-1987

08



Prof. R C Patel
27-04-1988 to 14-03-1990

09



Prof. V C Shah
04-09-1990 to 03-09-1993

10



Dr. Suresh P Dalal
13-09-1993 to 24-07-1994

11



Ms. Padma Ramchandran
07-09-1995 to 07-09-1998

12



Dr. Anil S Kane
07-09-1998 to 07-09-2001

13



Prof. K C Upadhyay
18-04-2002 to 17-04-2005

14



Dr. Manoj Soni
18-04-2005 to 17-04-2008

15



Prof. Ramesh Goyal
22-05-2008 to 21-05-2011

16



Prof. Yogesh Singh
07-07-2011 to 29-12-2014

17



Prof. Parimal Vyas
11-02-2016 onwards

“The education of the masses is certainly very important, but my profound conviction is that the higher education, though necessarily of a small number is still more important in the present condition and circumstances of India.”

- His Highness Maharaja Sayajirao Gaekwad III

The Maharaja Sayajirao University of Baroda (MSU) is recognized as one of the premier institutions of higher learning and research in the country. Since its inception in 1949, the University has demonstrated a keen interest and a commitment to the sustenance and promotion of an environment, favourable to the growth and development of an academic excellence - a commitment that forms a part of the rich legacy of the institution.

Educational institutions which preceded the Maharaja Sayajirao University and which went on to forming a part of its foundational legacy, included the “Baroda College”, one of the oldest centers of learning in Western India, founded in the year 1881 by His Highness Maharaja Sayajirao Gaekwad III. The enlightened ruler in the year 1909 established the “Kala Bhavan”. His Highness Maharaja Pratapsinhrao Gaekwad pursued the idea of establishing a University and on the recommendation of the committee, the Government of Baroda, in its order No. (R) 169-39 dated 21st February 1949, decided to establish a Residential University at Baroda. The bill for establishment of the University was passed by the Legislative Assembly and received the assent of His Highness Maharaja Pratapsinhrao Gaekwad on April 29, 1949, and the Maharaja Sayajirao University of Baroda came into existence on April 30, 1949.

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 and is accredited by National Assessment and Accreditation Council with '**A**' Grade 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 Institutions** and **13 Centers of Specialized Studies**, wherein more than 37,000 students pursue higher studies under the care and supervision of more than 1100 highly qualified and experienced teaching staff.

The University has **16 Hostels**, Health Centre, Sports Union Pavilion, 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 and an Archeological Museum having collection of Harappan unicorn seals, holy relics of Lord Buddha, Toraman, terracotta Buddha images etc. The University has an Astronomical observatory set up in 1939 to promote the field of Science, which holds an 8-inch refractor telescope.

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, 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 City Planning, Post-Graduate Diploma in Strategic Human Resource Management, P. G. Diploma in Food Service Management, 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.

The Centre for Life Long Learning and Extension offers 29 short term and 22 long terms courses on Ancient Indian studies, Art and craft, Human Social Development, Language Proficiency, Computer Education, Hotels / Cookery, Personal Grooming etc.

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 All India and Central Services Training Center conducts classes for preparation of UPSC, State PSC and SSC pattern examination and provide guidance for exams like NDA, CDS, IB, SHO, Police, RBI and other banks. 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 which has 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 and a handball court and a swimming pool.

The University has developed student digital life-cycle through MKCL. When students are admitted in their first year, they get a unique 14-digit Permanent Roll Number (PRN) which continues forever. The University has also adopted Online Admission Application System and every year it gets an admission query of nearly 45,000 students across the globe. The University introduced reforms in the examination system and all faculties are brought under MSU Examination Portal (MEP) system. The University fees' collection and other record keeping system is online which is of great help to the students. The recruitment process of academicians and non-academicians is also through online job portal. The University has started student facilitation centre from where students get all academic and research enquiries taken care at one place. The Student's Facilitation Centre provides the information related to admissions, courses, application forms, generation of examination forms & hall tickets, results, counselling and queries related to students' life cycle in the University.

Career and Counseling Center and Placement Cell looks after the placement and also imparts training for facing interviews, coordinating with the agencies for arranging the placements drive. The

Faculty of Social work and Faculty of Management Studies have achieved 100% placement and average 65% placement is the normal trend on and off campus. The Directorate of Students' Welfare disburses scholarships to the students of economically weaker sections.

An Incubation Centre and Start Up Centre set up at the campus encourages the spirit of innovation and provides a platform to the youth for exploration and implementation of innovative ideas and their conversion into start-up ventures. Some of the academic, social & technical events to name a few such as Perna, Paramarsh, Footprints, BBA Baazigar, Cyberia, Yuvaantas etc. are initiatives exclusively planned and managed by the students. They have gained prominence and popularity not only in the state but across the country as well. Office of Alumni affairs' Cell of the University also engages in compiling information about various alumni associations, initiating monthly interacting sessions in various departments across the university, Coordinating for Reunions, Collecting details of eminent alumni, Alumni Registrations..etc **Xplore MSU** – A Heritage Walk initiated for the first time in the history of the University gained interest amongst large public. Institute of Leadership and Governance has also been established in University which primarily focuses on training and trans-disciplinary aspects of leadership as well as on studies on good governance structures, practices and processes which is highly essential today. The University promotes students' participation in various processes and therefore conducts students' election and students regularly participate very actively to develop their leadership qualities.

All these aspects make The Maharaja Sayajirao University of Baroda one of the leading Institution in the area of Higher Education and Research.



येषां न विद्या न तपो न दानं, ज्ञानं न शीलं न गुणो न धर्मः ।
ते मर्त्यलोके भुवि भारभूता, मनुष्यरूपेण मृगाश्चरन्ति ॥

(Those who do not have education, nor have experience, nor have a giving heart, Lack knowledge, have no patience, do not have any qualities nor responsibilities, Such people, in this mortal world, are but a burden on Earth)

Education is that beam of light which shines bright even through the darkest of times. Providing education has always been considered as a noble profession. To remove the bondage associated with humanity in form of superstitions and blind-faith, education is an apt tool. Education providing institutes take up this responsibility of providing knowledge and empowerment to the people to free them from all these bondages. They exuberate immense positivity and excellence around them. The Maharaja Sayajirao University of Baroda is one such pioneering premiere institute. It believes in fostering the love of beauty, goodness and intellectual curiosity within each of its stakeholders. With this strong belief, we began working afresh on this year's Annual Report for the year 2016-2017.

The preparation and presentation of the Annual Report of The Maharaja Sayajirao University of Baroda is the resultant outcome of critical reviews and reflections on Academic, Research, Extension, Curricular, Co-Curricular as well as Social Outreach, and various other activities of the university. It gives me great pleasure to present before the Senate the 68th Annual Report of the Maharaja Sayajirao University of Baroda, for the year 2016-2017 which has been prepared under thoroughly revamped format with multiple innovative features. It highlights the important developments and significant achievements of the 14 Faculties along with 03 Constituent Colleges, 07 Centers, 02 Institutes, 14 Constituent Libraries, 16 Hostels, Health Centre, Sports Pavilion, 05 Multipurpose Auditoria, Sadhana Printing Press and Stationery Unit, Green Guest House of our University and various other academic and administrative units, spread across the 07 Campuses of our university. This year, following the path-breaking methodology of the previous year, the entire data for the Annual Report has been collected and compiled online under indigenously developed software called as ARMS. By making this possible, we have achieved a milestone in e-Governance of our university and a step further towards innovative initiatives of our Honourable Prime Minister Shri Narendrabhai Modi's call for 'Digital India'.

The University has made substantial progress over the past one year. It is my great pleasure and privilege to share with you all that the Maharaja Sayajirao University of Baroda has been now accredited with 'A' Grade by National Assessment and Accreditation Council (NAAC) in November 2016. It was indeed a great moment of pride for all of us!

I am also happy to share that our University appeared in the Times Higher Education (THE) World University Ranking in 2017. From India, THE considered 67 institutions, out of which 42 were ranked. It is the only university from the State of Gujarat to feature in this list. In the National Institutional Ranking Framework (NIRF) 2017, Faculty of Technology Engineering of the M S University of Baroda was placed in the first 100 in the Engineering category. Many faculties and Departments of the M S University of Baroda were also ranked among the top in other ranking systems. Faculty of Social Work was ranked 4th among Top Social Work Colleges in India by the Survey conducted by Outlook Magazine.

With great pride, I would like to inform you that the Central Government of India has selected the Faculty of Social Work for Establishing Dr. Babasaheb Ambedkar Chair for undertaking activities such as organizing Conferences; Seminars Workshop and Training programs mainly for weaker section of society. Faculty of Social Work has received Rs. 12,20,000/- from the Ministry of Skill Development and Entrepreneurship, Government of India under the "Pradhan Mantri Yuva Scheme" under which the Faculty can enroll 250 students for developing entrepreneurs. Faculty of Management Studies [FMS] was again ranked in A8 Super League Category in Pan India B-School Survey conducted by Business Standard in the year 2017. Dept. of Computer Engineering, Faculty of Technology and Engineering has acquired recognition as the 'Best ICT Enabled Academic Institute of the Year' awarded from A.S.S.C.H.A.M. and G. R. Foundation, in March 2017. Department of Microbiology, Faculty of Science of our university has been honored amongst the 15 Universities from around the world, chosen to receive scientific equipment from Seeding Labs' 2017 under its 'Instrumental Access program', Boston, MA, USA. The University participated in 'Times Education Expo-2017' and 'Grand Education Fair' at Ahmadabad. The Maharaja Sayajirao University of Baroda has become the Regional Centre for the 'Virtual Labs' Project Initiated by MHRD under the National Mission on Education through ICT conducted by IIT Bombay.

The Maharaja Sayajirao University of Baroda promotes research in applied and basic areas through various timely initiatives. This year, recognizing the felt need of conduct translational research in the cutting edge areas of health and life sciences by bringing together researchers in different areas of Science and Technology, we have established the Institute of Interdisciplinary Studies (Research and Extension). At present, the institute has three international collaborative projects and it is in the process of bringing international collaborators to work together and also to mobilize research funding. The research initiatives and mechanisms which are in place in the university led to the high quality, relevant and visible research being carried out in the University. This is evinced from the high volume of research publications (628) in peer-reviewed journals by the researchers of the university in the year 2016-17.

In the same duration of time, H-index of the University increased to 74 (from 69 in 2015-16), i-10 jumped to 1616 and the total number of citations went up to 6300. The average impact factor of the publication in the year 2016-17 was 2.6. In the last five years, 53 articles were published in journals with impact factor higher than 5 (there are only 15 in all the previous years). The researchers of the University were able to bring in 50 research projects worth Rs. 10.4 Crores in the year 2016-17. During the same time duration, there are 90 ongoing research projects worth Rs. 25 Crores, and 36 projects worth Rs. 6.4 Crores were completed.

Research and Consultancy Cell (RCC) set up to promote collaboration between academia and industry acts as a liaison between the university and private or Industrial funding agencies to undertake sponsored and consultancy projects. The R & C Cell had received 48 research proposals this year for financial assistance and out of which 29 projects were provided financial support by the university from its own funds.

The culmination of any research work is the outcome of that in the form of any new policy or analysis and also in the form of invention. Three Indian Patents has been awarded to our researchers during the current year. Five teachers of the University have been awarded copy right for the invention of the products through research work.

We are constantly evolving the curriculum in consultation with all the stakeholders. Few new innovative academic programs were introduced in the year 2016-17 with an interdisciplinary approach.

The Maharaja Sayajirao University of Baroda has an iron clad policy for creation and enhancement of infrastructure to promote a good teaching-learning environment. It focuses on self-sustainable green infrastructure and energy efficient buildings. One of the initiatives given prime importance is the use of renewable energy in the university. Solar Power Plants providing more than 350kW power has been installed. The Guest house of the university has been converted into a Green Building and was bestowed with the Environmental Excellence Award. The University has received infrastructural funds of the tune of Rs. 11 Crores in the last 3 years from RUSA and Rs. 5 Crores from Government of Gujarat During this duration Sports Authority of Gujarat had sanctioned Rs. 7.8 Crores to build an Indoor Stadium. The University looks forward to providing 24x7 Internet access to faculty members and students in the hostel through Optical Fiber and WiFi Networking. All the faculties across the university are now connected to the university WiFi network.

The Maharaja Sayajirao University of Baroda has a Network of Libraries to cater to the needs of students and teachers. The library network consists of 01 Central Library and 13 Constituent Libraries. Students and teachers can access ejournal and books at the Central library through this network for seamless teaching-learning process.

The Maharaja Sayajirao University of Barodain a big way is promoting e-Governance initiatives in its academic administration. One of the most important initiatives is Digital University (DU) Frame work for the maintenance of Digital Life Cycle of each of the students. It allows the students to have a single Permanent Registration Number [PRN], which is used throughout the stay of the student in the university. It is used in issuing books from the library to hostel admission.

Another key initiative is improvisation of administrative processes , 'Work Flow Management System' which is a web based portal to maintain a consistent watch over the movement of essential documents in the process of decision making. The university has an e-Complaint Redressal mechanism meant for the students. An interesting e-Initiative of the university is MSU Examination Portal [MEP] for examination related activities with minimum use of paper. The admission process as well as hostel allocation is completely online. The recruitment of teaching and non-teaching staff is also completely online process. Online Human Resources Management System (HRMS), which is an effective tool to unify, control and maintenance of employee life cycle is also in use. Annual Report Management System (ARMS), which is Centralized Repository Software for maintaining and updating of all Academic/Research activities, is one of the recent most innovative initiatives successfully implemented by our university.

During 2016-17 The Maharaja Sayajirao university of Baroda organized 20 Workshops, 32 Seminars and 30 Exhibitions.

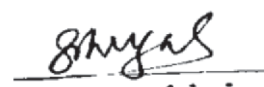
In the area of Sports also the university has proven its mettle. Girl's Basket Ball Team secured 1st Position in School & College League Tournament and won cash Award of Rs. 5 Lakhs. Students of Department of Physical Education participated in All India Wrestling Inter University Competition at Haryana in February 2017. The sports team of university had won the State College League Championship organized by the Government of Gujarat.

At present, the University is in a transition stage from the old school of teaching to the new school of teaching which involves On-Line Courses, Virtual Labs, Flip Class Room Concept and Learning Using Smart-Phones. The university has already installed ICT infrastructure to implement these concepts across the campus. The first step in this direction has already been taken in the form of installation of SWAYAM

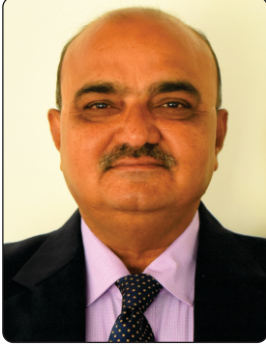
Prabha DTH Channels in each of the faculty of the university. Many of the traditional class rooms are now IT-enabled with Smart Boards and Multimedia facilities. Next step will be offering of On-Line Courses as well as providing logistic support for development of the On-Line Content by the faculty members. The university will be developing a dedicated studio to promote use of Information Technology in near future. Another step will be inclusion of Virtual Labs in the Curriculum. ICT-enabled Studios and class rooms will be used for conducting interactive sessions between the experts in various disciplines within India and abroad with students of the university. This will lead to direct exposure of students to the global pool of expertise.

I would like to express special thanks to our beloved Hon'ble Chancellor, Mrs. Shubhangini Devi Gaekwad, for her continual guidance to us. We also appreciate support and efforts of the Senate and Syndicate Members, Deans, Principals, Heads of Institutions, Directors of various Units and Cells, Heads of Departments, Faculty Members, University Officials, Ministerial Staff, Alumni, and above all our beloved students and research scholars towards achieving the set goals. I also thank the Convener and members of the Annual Report Committee for their constant efforts to improve the quality and contents of the annual report.

Whether through providing equality education, research development or by providing the workforce with skilled employees, we play a distinctive role in furthering the state's as well as the nation's social, cultural, business and economic development. We embrace this obligation and are committed to ensure that our activities benefit the communities with which we serve and engage.



Prof. (Dr.) Parimal Vyas
Vice-chancellor,
The Maharaja Sayajirao University of Baroda



It is my privilege to share some thoughts as the Convener of the 68th Annual Report. For me there is no greater joy than being among the learned. I am reminded of a Sanskrit shloka that glorifies the educated person:

विद्वत्त्वं च नृपत्वं च नैव तुल्यं कदाचन ।
स्वदेशे पूज्यते राजा विद्वान् सर्वत्र पूज्यते ॥

(Scholar and king are never comparable. King is worshipped in his country, but scholar is worshipped everywhere.)

While preparing for the Annual Report, this year, I thought it worthwhile to contemplate over the purpose for all this hard work and how can it be used to make a difference to the society. It is rightly said that any progress is based on dreams and requires change. With this constant thought in mind, this year, we have put in our best efforts in bringing out this 68th Annual Report. The Annual Report, this year, highlights some of the prominent researches and academic achievements, along with the other major administrative reforms and educational activities carried out during the year 2016-2017. It provides an opportunity to reflect on the significance of academic researches, educational achievements and effective governance gained by The Maharaja Sayajirao University of Baroda and the contribution that The Maharaja Sayajirao University of Baroda makes in assisting the city's transformation into a knowledge-base. The Maharaja Sayajirao University of Baroda has always taken initiatives in the field of teaching and research, and has been in the limelight in areas of extension and co-curricular activities. The significant academic growth of our University is an indicator of the inherent effectiveness of this great institution and of the excellence of the human resources.

This year, The Maharaja Sayajirao University of Baroda has been now accredited with 'A' Grade by National Assessment and Accreditation Council (NAAC) in November 2016. This year, our University appeared in the Times Higher Education (THE) World University Ranking in 2017. From India, THE considered 67 institutions, out of which 42 were ranked. Ours is the only University from the State of Gujarat to feature in this list. These are two very important milestones our University has crossed this year. Self-belief is extremely important for progress. Sincerity is a sign of such self-belief. The ability to accept, evaluate, adapt and adopt new ideas is very essential. Keeping this in mind, our University has put all efforts to generate ideas among students and teachers during the year. The University has received considerable grants during the year from various agencies for development and research activities. To enhance the teachers' and researchers' potential, various faculties and institutions have organized and conducted various regional, national and international seminars and conferences during the year. A good number of research projects have been approved with generous grants in each case. Many teachers from various faculties have been granted financial assistance for participation in conferences and seminars, abroad. During the year 2016-17, many of our faculties and institutions have done a remarkable job and under the able leadership of Prof. (Dr.) Parimal Vyas, Honourable Vice-Chancellor of our University, we have made an effort in collecting entire information for Annual Report online again this year. The details about the decisions of Board of Studies and Faculty Boards, The Opinions, Suggestions and Feedback from Alumni, Parents and Students, the awards and felicitation of individual teachers, the PhD information and unique features of every academic institution have also been incorporated in the Annual Report as special phenomena. We have also made very important progress in the area of Alumni Cell with special emphasis on Alumni activities and their online registrations. This year we have also added all Temporary Teaching staff and their research and extension activities in our report, which will be very useful to all of us. We also, continuously, keep on organizing intramural and extramural activities through various faculties and departments. National Service Scheme (NSS), various

academic cells and institutions has incessantly worked for the benefit and overall development of the students of our University, throughout the year.

In terms of infrastructural advances, Solar Power Plants providing more than 350kW power have been installed. The Guest house of the university has been converted into a Green Building and was bestowed with the Environmental Excellence Award. The Sports Authority of Gujarat had sanctioned funds to build an Indoor Stadium in the University.

The students of the University showed their inclination of research and innovation, which is very well evident from 125 doctoral degrees awarded during the year 2016-17. A total of 263 Gold medals were awarded to meritorious students this year. To promote health and fitness and to encourage sports activities, the university always encourages and supports students' participation. Students of various faculties have participated in state and national level tournaments in various sports disciplines, individually and in teams. Career counselling centres for students have also been developed and all Students' activities have been positively emphasized by all faculties. The Institute of Leadership and Governance organized various need-based educational programs for the benefit of the students at large. Meeting with the industrial requirements, the students have also been trained to secure placement with various Government, Private and Multinational Companies. The Maharaja Sayajirao University of Baroda has also strengthened its ties with the various industries in and around the city of Vadodara as well as the state of Gujarat and the nation at large. The University also very actively participated in the Switch Global Expo-2016, The VCCI Exhibition-2016, Vibrant Gujarat Exhibition 2017 and Grand Education Fair organized by Knowledge Consortium of Gujarat (KCG) and received greater leverage and position as a premiere academic institute.

The Hansa Mehta Library of The Maharaja Sayajirao University of Baroda has added 6,168 books making the total collection of books to 8,71,882 during the year 2016-17.

The University has introduced several progressive steps towards digitization of administrative processes and other technological advancements. We have efficiently managed students' cycle from admission to obtaining mark sheets in courses where they have sought admission. An innovative e-Initiative of the university is MSU Examination Portal [MEP] for examination related activities with minimum use of paper. The recruitment of teaching and non-teaching staff is also completely online process. Online Human Resources Management System (HRMS), which is an effective tool to unify, control and maintenance of employee life cycle is also in use.

Apart from managing students requirements, various Staff Development Programs have also been organized in the year 2016-17 for our Teaching as well as Non-teaching Staff.

I wish that The Maharaja Sayajirao University of Baroda reaches the pinnacle of excellence and proves to be a model University to other universities not only in the state or the country but on the global front as well.



Prof. (Dr.) M. N. Parmar
Convener, Annual Report Committee

Faculty of Technology and Engineering

Bachelor of Engineering (B.E.) in Civil Engineering
Bachelor of Engineering (B.E.) in Mechanical Engineering
Bachelor of Engineering (B.E.) in Electrical Engineering
Bachelor of Engineering (B.E.) in Chemical Engineering
Bachelor of Engineering (B.E.) in Electronics Engineering
Bachelor of Engineering (B.E.) in Computer Science & Engineering
Bachelor of Engineering (B.E.) in Civil-Irrigation Water Management Engg
Bachelor of Engineering (B.E.) in Metallurgical & Materials Engineering
Bachelor of Engineering (B.E.) in Textile Engineering
Bachelor of Engineering (B.E.) in Textile Technology
Bachelor of Architecture (B.Arch.)
Bachelor of Engineering (B.E.) in Textile Processing
Diploma in Textile Technology
Diploma in Textile Chemistry
Master of Science (M.Sc.) in Applied Chemistry
Master of Science (M.Sc.) in Applied Physics
Master of Science (M.Sc.) in Applied Mathematics /Industrial Mathematics
Master of Computer Application (MCA)
Master of Engineering (M.E.) in Fracture Mechanics
Master of Engineering (M.E.) in Geotechnical Engineering
Master of Engineering (M.E.) in Structural Engineering
Master of Engineering (M.E.) in Environmental Engineering
Master of Engineering (M.E.) in Highway and Transportation Engineering
Master of Engineering (M.E.) in Hydraulic Structures
Master of Engineering (M.E.) in Irrigation & Water Management
Master of Engineering (M.E.) in Water Resources Engineering
Master of Engineering (M.E.) in Petrochemical Engineering
Master of Engineering (M.E.) in Polymer Technology
Master of Engineering (M.E.) in Automatic Control & Robotics
Master of Engineering (M.E.) in Electrical Power Engineering
Master of Engineering (M.E.) in Industrial Electronics
Master of Engineering (M.E.) in Microprocessor System & Application
Master of Engineering (M.E.) in Jet Propulsion & Gas Turbine Plants
Master of Engineering (M.E.) in Production Engineering
Master of Engineering (M.E.) in Thermal Science
Master of Engineering (M.E.) in Materials Technology
Master of Engineering (M.E.) in Industrial Metallurgy
Master of Engineering (M.E.) in Man Made Textile
Master of Engineering (M.E.) in Textile Engineering
Master of Engineering (M.E.) in Textile Chemical Processing
Master of Engineering (M.E.) in Welding Technology
Post B.Sc. Diploma in Textile Chemistry
PG Diploma in Computer Application (PGDCA)
PG Diploma Corrosion Technology
PG Diploma Solid State Electronics
PG Diploma Polymer Science & Technology
PG Diploma Analytical Techniques

Ph.D. in All Disciplines

Faculty of Social Work

Master of Social Work (MSW)
Ph.D. in Social Work

Faculty of Science

Bachelor of Science (B.Sc.) in Botany
Bachelor of Science (B.Sc.) in Chemistry
Bachelor of Science (B.Sc.) in Geography
Bachelor of Science (B.Sc.) in Geology
Bachelor of Science (B.Sc.) in Mathematics
Bachelor of Science (B.Sc.) in Physics
Bachelor of Science (B.Sc.) in Statistics
Bachelor of Science (B.Sc.) in Zoology
Master of Science (M.Sc.) in Biochemistry
Master of Science (M.Sc.) in Biostatistics
Master of Science (M.Sc.) in Biotechnology
Master of Science (M.Sc.) in Botany
Master of Science (M.Sc.) in Chemistry
Master of Science (M.Sc.) in Geography
Master of Science (M.Sc.) in Geology
Master of Science (M.Sc.) in Mathematics
Master of Science (M.Sc.) in Microbiology
Master of Science (M.Sc.) in Physics
Master of Science (M.Sc.) in Statistics
Master of Science (M.Sc.) in Zoology
Master of Science (M.Sc.) in Applied Geology
P.G. Diploma in Applied Bio-Chemistry
Ph.D. in All Disciplines

Faculty of Performing Arts

Bachelor of Performing Arts (BPA) in Indian Classical Music (Vocal)
Bachelor of Performing Arts (BPA) in Indian Classical Music (Tabla)
Bachelor of Performing Arts (BPA) in Dramatics
Bachelor of Performing Arts (BPA) in Dance (Bharatanatyam)
Bachelor of Performing Arts (BPA) in Dance (Kathak)
Bachelor of Performing Arts (BPA) in Instrumental Music (Sitar)
Bachelor of Performing Arts (BPA) in Instrumental Music (Violin)
Diploma in Performing Arts (Dance-Bharatanatyam)
Diploma in Performing Arts (Dance-Kathak)
Diploma in Performing Arts (Drama)
Diploma in Performing Arts (Music-Sitar)
Diploma in Performing Arts (Music-Violin)
Diploma in Performing Arts (Music-Vocal)
Diploma in Performing Arts (Music-Tabla)
Master of Performing Arts (M.P.A) in Dance (Bharatanatyam)
Master of Performing Arts (M.P.A) in Dance (Kathak)
Master of Performing Arts (M.P.A) in Dramatics
Master of Performing Arts (M.P.A) in Instrument (Sitar)
Master of Performing Arts (M.P.A) in Instrument (Violin)
Master of Performing Arts (M.P.A) in Music (Tabla)
Master of Performing Arts (M.P.A) in Music (Vocal)
PG Diploma in Nattuvangam
Ph.D. in All Disciplines

Faculty of Journalism and Communication

Ph.D.

Faculty of Medicine

Bachelor of Medicine and Bachelor of Surgery (MBBS)
Bachelor of Physiotherapy
Bachelor of Science (Nursing)
Diploma in Laryngology & Otolaryngology
Diploma in Clinical Pathology
Diploma in Ophthalmology
Diploma in Gynaecology & Obstetrics
Diploma in Child Health
Diploma in Venereal Diseases
Diploma in Otorhinolaryngology
Diploma in Anesthesia
Diploma in Radiology Diagnosis
Diploma in Public Health
Diploma in Tuberculosis & Chest Diseases
Master of Science (M.Sc.) in Medical Microbiology
Master of Science (M.Sc.) in Medical Bio-Chemistry
Master of Science (M.Sc.) in Anatomy
Master of Science (M.Sc.) in Physiology
Master of Science (M.Sc.) in Pharmacology
Doctor of Medicine (MD) in Anatomy
Doctor of Medicine (MD) in Physiology
Doctor of Medicine (MD) in Bio-Chemistry
Doctor of Medicine (MD) in Microbiology
Doctor of Medicine (MD) in Pathology
Doctor of Medicine (MD) in Pharmacology
Doctor of Medicine (MD) in Forensic Medicine
Doctor of Medicine (MD) in General Medicine
Doctor of Medicine (MD) in Preventive and Social Medicine
Doctor of Medicine (MD) in Pulmonary Medicine
Doctor of Medicine (MD) in Emergency Medicine
Doctor of Medicine (MD) in Radio Diagnosis
Doctor of Medicine (MD) in Skin and Venereal Disease
Doctor of Medicine (MD) in Anesthesia
Doctor of Medicine (MD) in Psychiatry
Doctor of Medicine (MD) in IGBT
Doctor of Medicine (MD) in Paediatrics
Master of Surgery (MS) in General Surgery
Master of Surgery (MS) in ENT
Master of Surgery (MS) in Orthopedics
Master of Surgery (MS) in Gynecology
Master of Surgery (MS) in Ophthalmology
Master of Physiotherapy
M.Ch. in Plastic Surgery
Ph.D. in All Disciplines

Polytechnic

Diploma in Civil Engineering (D.C.E.)
Diploma in Mechanical Engineering (D.M.E.)
Diploma in Electrical (D.E.E.)
Diploma in Petrochemical Technology (D.P.T.)
Diploma in Information Technology (D.I.T.)

Faculty of Law

Bachelor of Law (LLB.) - Special
Bachelor of Law (LLB.) - General
Master of Law (LLM.) in Business Law
Master of Law (LLM.) in Criminal Law
Ph.D.

Faculty of Fine Arts

Bachelor of Visual Arts (BVA) in Applied Arts
Bachelor of Visual Arts (BVA) in Art History
Bachelor of Visual Arts (BVA) in Painting
Bachelor of Visual Arts (MVA) in Sculpture
Diploma in Visual Arts in Painting
Diploma in Visual Arts in Applied Arts
Diploma in Visual Arts in Sculpture
Master of Visual Arts (MVA) in Applied Arts
Master of Visual Arts (MVA) in Art History
Master of Visual Arts (MVA) in Graphic Arts
Master of Visual Arts (MVA) in Painting
Master of Visual Arts (MVA) in Sculpture
Master of Arts, MA (Fine) in Museology
One Year In-Service Post-Diploma in Museology
Post-Diploma in Sculpture
Post-Diploma in Painting
Post-Diploma in Graphic Arts (Print Making)
Post-Diploma in Applied Arts
Certificate Course for In-Service Foreign/ Indian Students
Ph.D. in Arts History and Museology
M K Amin Arts and Science College and College of Commerce, Padra
Bachelor of Commerce (B.Com.)

Faculty of Management Studies

Master of Business Administration (MBA)
Ph.D.

Faculty of Family & Community Sciences

B.Sc. (F.C.Sc.) in Clothing and Textiles
B.Sc. (F.C.Sc.) in Fashion Designing
B.Sc. (F.C.Sc.) in Hospitality Management
B.Sc. (F.C.Sc.) in Interior Design
B.Sc. (F.C.Sc.) in Extension and Communication
B.Sc. (F.C.Sc.) in Human Development and Family Studies
B.Sc. (F.C.Sc.) in General Level Program
B.Sc. (F.C.Sc.) in Dietetics
B.Sc. (F.C.Sc.) in Public Health Nutrition
B.Sc. (F.C.Sc.) in Food Science and Quality Control
M.Sc. (F.C.Sc.) in Foods & Nutrition- Dietetics
M.Sc. (F.C.Sc.) in Foods & Nutrition- Public Health Nutrition
M.Sc. (F.C.Sc.) in Clothing & Textiles
M.Sc. (F.C.Sc.) in Extension and Communication
M.Sc. (F.C.Sc.) in Family Economics & Resource Mgt.
M.Sc. (F.C.Sc.) in Interior Design
M.Sc. (F.C.Sc.) in Human Development and Family Studies
PG Diploma in Development Management (DM)
PG Diploma in Early Childhood Care Education
Ph.D. in All Disciplines

Faculty of Pharmacy

Bachelor of Pharmacy
Master of Pharmacy (M.Pharm.) in Herbal Drug Technology
Master of Pharmacy (M.Pharm.) in New Drug Delivery Systems
Master of Pharmacy (M.Pharm.) in Pharmaceutical Chemistry
Master of Pharmacy (M.Pharm.) in Pharmaceutical Quality Assurance
Master of Pharmacy (M.Pharm.) in Pharmaceutical Technology
Master of Pharmacy (M.Pharm.) in Pharmacology
Ph.D. in Pharmacy

Faculty of Commerce

Bachelor of Commerce (B.Com.)
U.G. Diploma in Cooperative Management
Master of Commerce (M.Com.) in Accounting and Financial Management
Master of Commerce (M.Com.) in Banking and Insurance
Master of Commerce (M.Com.) in Business Economics
Master of Commerce (M.Com.) in Commerce and Business Management (Marketing Management)
Master of Commerce (M.Com.) in Commerce and Business Management (Human Resource Management)
Master of Commerce (M.Com.) in Co-operative Management and Rural Studies
PG Diploma in Banking
PG Diploma in Applied Economics
PG Diploma in Co-operative Management
Ph.D. in All Disciplines

Baroda Sanskrit Mahavidyalaya

Shastri (B.A.) in Jyotishshastra
Shastri (B.A.) in Vyakaranshastra
Shastri (B.A.) in Dharmashastra
Shastri (B.A.) in Vedantshastra
Shastri (B.A.) in Yagniki
Shastri (B.A.) in Vastushastra
Shastri (B.A.) in Shahityashastra
Shastri (B.A.) in Shukla Yajurveda Yagniki
Visharad in Jyotishshastra
Visharad in Vyakaranshastra
Visharad in Yagniki
Visharad in Vastushastra
Visharad in Shukla Yajurveda Yagniki
Acharya (M.A.) in Jyotishshastra
Acharya (M.A.) in Yagniki
Acharya (M.A.) in Vyakaranshastra
Acharya (M.A.) in Vastushastra
Acharya (M.A.) in Dharmashastra
Acharya (M.A.) in Shahityashastra
Acharya (M.A.) in Vedantshastra
Acharya (M.A.) in Shukla Yajurveda Yagniki
Certificate Course in Jyotishshastra
Certificate Course in Vyakaranshastra
Certificate Course in Yagniki
Certificate Course in Vastushastra
Ph.D. (Vachaspati) in All Disciplines

Faculty of Arts

Bachelor of Library & Information Science (B.LIS)
Bachelor of Arts (BA) in Archaeology & Ancient History
Bachelor of Arts (BA) in Economics
Bachelor of Arts (BA) in English
Bachelor of Arts (BA) in French
Bachelor of Arts (BA) in Geography
Bachelor of Arts (BA) in German
Bachelor of Arts (BA) in Gujarati
Bachelor of Arts (BA) in Hindi
Bachelor of Arts (BA) in History
Bachelor of Arts (BA) in Linguistics
Bachelor of Arts (BA) in Marathi
Bachelor of Arts (BA) in Mathematics
Bachelor of Arts (BA) in Persian
Bachelor of Arts (BA) in Philosophy
Bachelor of Arts (BA) in Political Science
Bachelor of Arts (BA) in Psychology
Bachelor of Arts (BA) in Russian Studies
Bachelor of Arts (BA) in Sanskrit
Bachelor of Arts (BA) in Sociology
Diploma in French
Diploma in German
Diploma in Modern Persian
Diploma in Russian
Master of Library & Information Science (M.LIS)
Master of Arts (MA) in Archaeology & Ancient History
Master of Arts (MA) in Economics
Master of Arts (MA) in English
Master of Arts (MA) in German
Master of Arts (MA) in Gujarati
Master of Arts (MA) in Hindi
Master of Arts (MA) in History
Master of Arts (MA) in Linguistics
Master of Arts (MA) in Marathi
Master of Arts (MA) in Persian
Master of Arts (MA) in Philosophy
Master of Arts (MA) in Political Science
Master of Arts (MA) in Psychology
Master of Arts (MA) in Russian Studies
Master of Arts (MA) in Sanskrit
Master of Arts (MA) in Sociology
Post Diploma in French
Post Diploma in German
Post Diploma in Russian Studies
Ph.D. in All Disciplines

Faculty of Education & Psychology

Bachelor of Education (B.Ed.)
Master of Education (M.Ed.)
Master in Educational Management (M.Ed.M.)
Professional Diploma in Educational Management (PDEM)
Ph.D. in All Disciplines

Faculty of Arts

M.Phil. in English
Master of Arts in French
PG Diploma in Applied Corporate Finance
Certificate Course in French
Certificate Course in Russian
Certificate Course in German

Faculty of Commerce

Bachelor in Business Administration (B.B.A.)
Bachelor of Commerce (Honours)
Bachelor of Commerce (B.Com.)
PG Diploma in Accounting and Finance
PG Diploma in Business Administration
PG Diploma in Banking and Insurance
PG Diploma in Financial Management (Eve.)
PG Diploma in Business Management (Eve.)
PG Diploma in Marketing Management (Eve.)
PG Diploma in Strategic Human Resource Management (Eve.)

Faculty of Education and Psychology

PG Diploma in Guidance and Counselling (PGDGC) (Part Time)
PG Diploma in Clinical and Applied Hypnosis (Part Time)
PG Diploma in Human Resource Development (Part Time)
PG Diploma in Clinical and Community Psychology (Part Time)

Faculty of Family and Community Sciences

B.Sc. (Honours) Interior Design
B.Sc. (Honours) Foods & Nutrition
PG Dip. in Food Service Management
Institute of Hotel Management and Catering Technology
PG Diploma in Applied Nutrition
PG Diploma in Hotel Interiors
Certificate Course in Diet and Healthy Living (Eve.)
Certificate Course in Food Preservation (Eve.)
Certificate Course in Weight Management (Eve.)
Certificate Course in Sports Nutrition (Eve.)
Institute of Fashion Technology
PG Diploma in Fashion Retaining & Merchandising
B.Sc. Textiles & Apparel Design
B.Sc. Fashion Communication
B.Sc. Garment Technology

Faculty of Journalism & Communication

Bachelor of Journalism & Mass Communication
Master of Journalism & Mass Communication

Faculty of Fine Arts

Maharaja Ranjitsinh Gaekwad Inst. of Design
Bachelor of Design
Master of Design

Faculty of Performing Arts

Certificate Course in Light Vocal Music

Faculty of Law

B.A. LL.B. (Honours)
PG Diploma in Taxation Laws and Practice (PG DTP)
PG Diploma in Labor Laws and Practice (PG DLP)

Faculty of Science

Bachelor of Computer Application (BCA)
Bachelor of Science (B.Sc.) in all Branches
Bachelor of Environmental Science
Master of Science in Software Technologies
Master of Science in Environment Science
Master of Science in Petroleum Geology
Master of Science in Medical Biotechnology
Master of Science in Bio Statistics
Integrated M.Sc. in Cell and Molecular Biology

Faculty of Social Work

Master of Human Resource Management (MHRM)
PG Diploma in Human Resource Management (DHRM)
PG Diploma in Industrial Relations & Personnel Management
PG Diploma in Corporate Social Responsibility (CSR)
Bachelor of Social Work (BSW)

Faculty of Management Studies

Master of Business Administration (MBA) (Eve.)
Master of Business Administration (NAIR)

Faculty of Technology and Engineering

Bachelor of Engineering in Civil (Part Time)
Bachelor of Engineering in Mechanical (Part Time)
Bachelor of Engineering in Electrical (Part Time)
Master of Science (M.Sc.) in Financial Mathematics
Master of Urban and Regional Planning
Master of Science in Material Sciences (Nanotechnology)
PG Diploma in Computer Application (Part-time)
PG Diploma in Scientific Computing & Industrial Mathematics

Polytechnic

Diploma in Computer Engineering
Diploma in Electronics and Communication
Diploma in Architectural Assistantship
Diploma in Civil Engineering (Part Time) (EDC)
Diploma in Mechanical Engineering (Part Time) (EDC)
Diploma in Electrical Engineering (Part Time) (EDC)

M K Amin Arts and Science College and College of Commerce, Padra

Bachelor of Science (B.Sc.)

Baroda Sanskrit Mahavidyalaya

Certificate Course in Temple Management

Department of Physical Education

Certificate Course in Fitness Management
Certificate Course in Sports Management

Development Report for the Academic Year 2016-17 of The Maharaja Sayajirao University of Baroda Presented at the 66th Convocation



Prof. Parimal Vyas
Vice Chancellor

Hon'ble President of India, Shri Ram Nath Kovindji, the Chief Guest of the 66th Convocation function, Guests of Honor, Hon'ble Governor of Gujarat, Shri O P Kohliji and Hon'ble Chief Minister of Gujarat, Shri Vijaybhai Rupani, Hon'ble Education Ministers of Gujarat, Shri. Bhupendrasinh Chudasamaji and Smt. Vibhavariben Dave, Chief Secretary, Government of Gujarat, Dr. J. N Singhji, Principal Secretary, Department of Education, Government of Gujarat, Smt. Anju Sharmaji, Professor P B Sharmaji, President, AIU, New Delhi, and Hon'ble Vice Chancellor, Amity University, New Delhi Shri. K K Niralaji, Director, Technical Education Department of Education, Government of Gujarat, Shri. K B Uppadhyayji, Commissioner of Higher Education, Government of Gujarat, Distinguished Guests from Rastrapati Bhavan, Government of Gujarat, Distinguished Members of Local Administration, Members of Parliament, Members of Legislative Assembly, Shri, Bharatbhai Dangar, Mayor, VMSS, Shri Bhargav Bhattji, State Vice President, BJP, Hon'ble Chancellor Smt. Shubagininiraje Gaekwadji, Former Vice Chancellors of the M S University of Baroda, Members of the Senate and Syndicate, Deans of the various Faculties, Principal and Head of the Institutions, Directors of the different Cells and Offices, Heads of the Departments, Prof. Neeraja Jaiswal, Registrar (Officer on Special Duty), Colleagues of the University, Officers and Members of Administrative and Non-Teaching Staff of the M S University, Gold Medalists and their Proud Parents, Degree Recipients, Invited Members from Press and Media, Ladies and Gentlemen,

Universities are the backbone of Higher Education in India, which participates in teaching and research in equal amount. They shape and nurture the future generations to embolden them in tackling the issues of the society. The Maharaja Sayajirao University of Baroda is one of the leading universities in the western part of India. This uniqueness is one of its kind, in offering academic programs from Kindergarten to Ph.D. We have the capability and aspiration to become a leading Educational hub in many challenging and ever-growing areas like Health Care, Food and Nutrition, Life Sciences, Social Sciences, Engineering & Technology as well as Commerce & Management. This report enumerates the efforts put in by the Maharaja Sayajirao University of Baroda giving a brief account of its progress and achievements in the past couple of years with regard to offering of innovative academic programs, application of interdisciplinary approach, updating of its curriculum, students' progression, students' outreach, employment-generation opportunities for students' as well as infrastructural improvements, Human Resource Development in the university

Key Awards and Excellence:

It is my great pleasure and privilege to share with you all that the Maharaja Sayajirao University of Baroda has been now accredited with 'A' Grade by National Assessment and Accreditation Council (NAAC) in November 2016. It was indeed a great moment of pride for all of us!!

I am also happy to share that our University appeared in the Times Higher Education (THE) World University Ranking in 2017. From India, THE considered 67 institutions, out of which 42 were ranked. It is the only university from the State of Gujarat to feature in this list. In the National Institutional Ranking Framework (NIRF) 2017, Faculty of Technology Engineering of the M S University of Baroda was placed in the first 100 in the Engineering category.

Many faculties and Departments of the M S University of Baroda were also ranked among the top in other ranking systems. Faculty of Social Work was ranked 4th among Top Social Work Colleges in India by the Survey conducted by Outlook Magazine. With great pride, I would like to inform you that the Central Government of India has selected the Faculty of Social Work for Establishing Dr. Babasaheb Ambedkar Chair for undertaking activities such as organizing Conferences; Seminars Workshop and Training programs mainly for weaker section of society. Faculty of Social Work has received Rs. 12,20,000/- from the Ministry of Skill Development and Entrepreneurship, Government of India under the "Pradhan Mantri Yuva Scheme" under which the Faculty can enroll 250 students for developing entrepreneurs. Faculty of Management Studies [FMS] was again ranked in A8 Super League Category in Pan India B-School Survey conducted by Business Standard in the year 2017. FMS is the only Government run B-School in Gujarat State that has achieved this milestone.

Dept. of Computer Engineering, Faculty of Technology and Engineering has acquired recognition as the 'Best ICT Enabled Academic Institute of the Year' awarded from A.S.S.C.H.A.M. and G. R. Foundation, in March 2017. Department of Microbiology, Faculty of Science of our university has been honored amongst the 15 Universities from around the world, chosen to receive scientific equipment from Seeding Labs' 2017 under its 'Instrumental Access program', Boston, MA, USA. The University participated in 'Times Education Expo-2017' and 'Grand Education Fair' at Ahmadabad. The Maharaja Sayajirao University of Baroda has become the Regional Centre for the 'Virtual Labs' Project Initiated by MHRD under the National Mission on Education through ICT conducted by IIT Bombay.

Research Initiatives and Outcomes:

The Maharaja Sayajirao University of Baroda promotes research in applied and basic areas through various timely initiatives. To promote and maintain high quality research, various mechanisms are in place. It includes Department Research Committee, Post Graduate Council, Research and Consultancy Cell, Office of International Affairs, Technology Transfer Cell, Central Instrumentation Facility and Specialized Research Centers. It embraces the mantra of Research through interdisciplinary approach and considering this initiative, we have established the Institute of Interdisciplinary Studies (Research and Extension) in the year 2017. The institute was constituted to conduct translational research in the cutting edge areas of health and life sciences by bringing together researchers in different areas of Science and Technology. At present, the institute has three international collaborative projects and it is in the process of bringing international collaborators to work together and also to mobilize research funding.

The research initiatives and mechanisms which are in place in the university led to the high quality, relevant and visible research being carried out in the University. This is evinced from the high volume of research publications (628) in peer-reviewed journals by the researchers of the university in the year 2016-17.

In the same duration of time, H-index of the University increased to 74 (from 69 in 2015-16), i-10 jumped to 1616 and the total number of citations went up to 6300. The average impact factor of the publication in the year 2016-17 was 2.6. In the last five years, 53 articles were published in journals with impact factor higher than 5 (there are only 15 in all the previous years). All these numbers show the quality, relevance and visibility of the research conducted in the University.

The Maharaja Sayajirao University of Baroda is renowned for academic and research excellence both at home and abroad. Considering the academic stature of the University, the University Grants Commissions allotted a towering grant of Rs. 24 Crores for the XIIth five year plan period, and I am happy to share with all of you that the university has been able to utilize bulk of the grants received also from various other funding agencies like DST, DBT, AICTE, DAE etc. who have continued to provide financial assistance to the University through their flagship programs as well as has continued to provide research support to several departments of our university.

At present, there are 04 Departments supported through the DSA scheme, 05 Departments supported through the DRS program, 03 Departments supported through FIST Scheme, 02 Departments are supported through CAS Scheme, 01 Department each supported by Ministry of Social Justice and Empowerment (MISE) and under Dr. Ambedkar Chair Program. The total worth of the Departmental Projects sanctioned in the year 2016-17 was Rs. 5.25 Crores.

Other than this in the year 2016, the university was awarded with Phase-II of PURSE Scheme worth Rs. 12 Crores. With their excellent track record, the researchers of the University were able to bring in 50 research projects worth Rs. 10.4 Crores in the year 2016-17. During the same time duration, there are 90 ongoing research projects worth Rs. 25 Crores, and 36 projects worth Rs. 6.4 Crores were completed.

The Maharaja Sayajirao University of Baroda is continuously encouraging the young teachers especially from Humanities and Social Sciences to undertake research and is also providing financial assistance to them through Research and Consultancy Cell (R&C). The R & C Cell had received 48 research proposals this year for financial assistance and out of which 29 projects were provided financial support by the university from its own funds.

Our university is always a profound destination for researchers from India and abroad, especially in the areas of Health and Life Sciences, Archeology, Family and Community Sciences, and Fine Arts. Services of Young Research Associates, Kothari Fellows, Emeritus Professors, UGC Faculty Recharge Programme Fellows are used to support teaching and research activities of the university.

The culmination of any research work is the outcome of that in the form of any new policy or analysis and also in the form of invention. Three Indian Patents has been awarded to our researchers during the current year. Five teachers of the University have been awarded copy right for the invention of the products through research work.

Consultancy:

Research and Consultancy Cell (RCC) set up to promote collaboration between academia and industry acts as a liaison between the university and private or Industrial funding agencies to undertake sponsored and consultancy projects. Our Four teachers had bagged Industrial Research Projects, 19 Industrial Consultancy assignments and 37 teachers were awarded individual consultancy work during the year. The university researchers were able to bring in more than Rs. 2 Crores through 63 Consultancy Projects in the year 2016-17.

Academic initiatives and New Academic Programs:

We are constantly evolving the curriculum in consultation with all the stakeholders. In the past five years various faculties have conducted revision of the syllabus keeping in mind the future issues. Few new innovative academic programs were introduced in the year 2016-17 with an interdisciplinary approach. To illustrate few ones, the Department of Computer Science, Faculty of Technology & Engineering started Masters of Engineering in Computer Sciences and Masters in Aerospace Engineering.

All India & Central Services Training Centre prepares the students of the University for appearing in Civil Services Examination conducted by UPSC. Other than the regular programme and 5 years AICS-Civil Service Programme, Center has also started "Prelim Focus Crash Course" this year.

Department of Indian Classical Music (Vocal), Faculty of Performing Arts started a Certificate Course on Indian Classical Vocal Music. It is a matter of joy to share, that Faculty of Social Work has received the status of 'Center for Excellence-in Corporate Social responsibility' in the year 2016. Further, they will become a Hub Center for UNICEF "Social Changes Programme". The faculty also has a clinic- Prof Indubhai Shelat Child guidance clinic and a project on child help line- named as ' Child line 1098 '.

Institute of Leadership and Governance, which is an unique initiative to train future leaders, has launched a Certificate Course on 'Life and works of Maharaja Sayajirao Gaekwad-III' in the year 2017.

Teacher's Achievements:

Teachers of the Maharaja Sayajirao University of Baroda have bought many honors to us. To illustrate few ones, Prof. Bhavna Mehta, Faculty of Social Work had received a Fellowship under the umbrella of "Peace Project Programme-2017" held in Israel, which is indeed is a moment of pride to the University. Prof. Sirimavo Nair, Dept. of Foods and Nutrition have been nominated as an expert in the scientific panel of Food Safety and Standards Authority of India (FSSAI-GOI) for food fortification initiatives, February 2017. Dr. Ambika Patel, Associate Professor, from Museology Dept has received fellowship to conduct research at National Museum Berlin, Germany.

Additionally, she is the secretary (India chapter-ICOM-India) - International Council of Museums under UNESCO-2017. Dr. Sanskriti Mujumdar, Associate Professor, Faculty of Tech. & Engg. had received "Udgam Women's Achievers Award" on International Women's Day on 9th March 2017. Dr. Hemagini Gandhi, Assistant Prof, from Dept of Food and Nutrition has been selected as a National resource person for Food, Nutrition, Health, Wash (FNHW) under The National Rural Livelihood Mission, March 2017. Dr. Swati Parnami, Assistant Prof, Dept. of Foods and Nutrition, Faculty of Family and Community Sciences had received 'Pratima Kaushik (Clinical Dietetics)' award in 49th National Conference organized by Indian Dietetic Association, September 2016. I am happy to share with you that Dr. Prashant Murumkar, Faculty of Pharmacy was selected for Prestigious 'Indian Council of Medicinal Research International Fellowship Award', under the Young Biomedical Scientist Category. To the delight of all of us, Prof. M. N. Parmar, of Faculty of Social work was selected as Chairman of the Baroda Chapter of Indian Society for Training and Development, New Delhi.

Student's Achievements:

Our students have also brought laurels to the university with Mr. Lalji Rathod; Ph. D. Scholar of Faculty of Pharmacy is being selected for Pradhan Mantri Doctoral Research Fellowship. Mr. Swapnil Mahajan, PhD. Scholar of Faculty of Technology & Engineering was awarded the prestigious exchange fellowship by German Academic Exchange Service (DAAD). Ms. Vinita Nigam, PhD student, Dept of Foods and Nutrition, received 'Swarna Padak' from Indian dietetic association, Mumbai chapter for her studies in Experimental Nutrition October 2016. Ms. Mausmi Shah, Masters student, Dept. of Food and Nutrition had won C. Gopalan Shrikantia Gold Medal for her research emphasizing upon the Nutritional requirement for Pregnant Women, May 2016. Our students were also involved in taking entrepreneurial steps with Mr. Parth Jaiswal and Mr. Pujan Rathod, students of Faculty of Technology and Engineering joining hands to start a company and developing an 'Application' for educational purpose.

Eco-friendly devices are need of the hour; Mr. Kunal Patel of Applied Arts Department, Faculty of Fine Arts had developed an 'Eco-Friendly Pencil' and also patented his unique creation, which is very commendable. Ms. Vinita Nigam, Ph. D. Scholar, Department of Foods and Nutrition had received Gold Medal Award on 'Experimental Nutrition'. Shri Sharadbabu Pillai, Ph.D. Scholar, Department of Physics, Faculty of Science won prize of the "Best Poster Award" in an International Conference themed on Vibration Spectroscopy' at Lucknow. I would like to congratulate Ms. Zalak Parikh, Ph.D. scholar, of Department of Zoology for being awarded the prestigious IBRO-APRC Exchange Fellowship. Students of BCA programme, Faculty of Science has developed a Software Optical Character Recognition (OCR) to reduce the effort of typing to convert handwritten or printed text in to Machine-Encoded Text. Ms. Hardi Joshi, Faculty of Social Work was awarded First Prize in Poster Making Competition organized by National Service Scheme (N.S.S.).

Extension Activities:

The Maharaja Sayajirao University of Baroda is involved in Extension and Outreach activities in a big way. Department of Preventive and Social Medicine, Faculty of Medicine is actively involved in providing various trainings for the Government of Gujarat for various health cadres including Medical Officers and Paramedical Staff like NVBDCP National Vector Borne Disease Control Programme, IYCF Infant and Young Child Feeding Practice, Adolescent Reproductive and Sexual Health, HIV/AIDS etc. One of the key aspects of The Women's Studies Research Center are the outreach programs and networking within and outside the University. These outreach programs consists of 'Celebrations of International Women's Day, Focus Group Discussions, Skill Enhancement Programs, Preparation of Posters and Leaflets, Specialized Talks, Field Action, and Information Dissemination'.

The University Health center conducts regular Thalassemia screening program in collaboration with Indian Red cross society. In addition to this, Faculty of Social Work is highly committed to all issues and concerns of our society and extensively involves itself in Community Outreach Programs by regularly conducting Awareness Programmes on Thalassemia and in conducting Thalassemia tests for our students in collaboration with Indian Red Cross Society. They conduct Voter Awareness Programs on a regular basis. Faculty of Performing Arts had put efforts to spread message of Environmental Protection through performance of traditional form of Gujarati Bhavai. Faculty of Technology & Engineering had conducted the National Social Responsibility Initiative through the highly appreciated program called "Prerna", which is a constellation of Sports and other events for 'Divyangs' of the society.

Around 600 young minds from schools across Vadodara participated in the various competitions organized by Dept. of Computer Science, of Faculty of Technology & Engineering along with Computer Society of India (Vadodara Chapter) during the “Computer Day” Celebrations. Faculty of Journalism & Communication along with city based Theatre Group 'Triveni' had organized a stage Gujarati Play 'Bandh Barne' based on the very important issue of trauma and trials of acid attack victims aimed also to highlight the legal provisions in the Indian Penal Code for victims of such attacks. The PG Diploma students of Food service management of the Foods and Nutrition Department, participated as interns and coordinated along with staff of 'Surya Palace' for 'Switch Global Expo' conducted between 6th-10th October, 2016.

Infrastructure Development:

The Maharaja Sayajirao University of Baroda has an iron clad policy for creation and enhancement of infrastructure to promote a good teaching-learning environment. It focuses on self-sustainable green infrastructure and energy efficient buildings. One of the initiatives given prime importance is the use of renewable energy in the university. Solar Power Plants providing more than 350kW power has been installed. The Guest house of the university has been converted into a Green Building and was bestowed with the Environmental Excellence Award. The University has received infrastructural funds of the tune of Rs. 11 Crores in the last 3 years from RUSA and Rs. 5 Crores from Government of Gujarat During this duration Sports Authority of Gujarat had sanctioned Rs. 7.8 Crores to build an Indoor Stadium. 24x7 Internet access to faculty members and students in the hostel through Optical Fiber and WiFi Networking. All the faculties across the university are now connected to the university WiFi network. In the First Phase, 5 faculty of the university were connected to WiFi network by the installation of 900 routers. In the second phase rest of the university campus was connected to the WiFi network by installing additional 960 nodes.

Library Facilities:

The Maharaja Sayajirao University of Baroda has a Network of Libraries to cater to the needs of students and teachers. The library network consists of 01 Central Library and 13 Constituent Libraries. Students and teachers can access e-journal and books at the Central library through this network for seamless teaching-learning process.

Administrative Reforms and e-Governance Initiatives:

The Maharaja Sayajirao University of Baroda in a big way is promoting e-Governance initiatives in its academic administration. One of the most important initiatives is Digital University (DU) Frame work for the maintenance of Digital Life Cycle of each of the students. It allows the students to have a single Permanent Registration Number [PRN], which is used throughout the stay of the student in the university. It is used in issuing books from the library to hostel admission. Another key initiative is improvisation of administrative processes, 'Work Flow Management System' which is a web based portal to maintain a consistent watch over the movement of essential documents in the process of decision making. The university has an e-Complaint Redressal mechanism meant for the students. An interesting e-Initiative of the university is MSU Examination Portal [MEP] for examination related activities with minimum use of paper. The admission process as well as hostel allocation is completely online. The recruitment of teaching and non-teaching staff is also completely online process. Online Human Resources Management System (HRMS), which is an effective tool to unify, control and maintenance of employee life cycle is also in use. Annual Report Management System (ARMS), which is Centralized Repository Software for maintaining and updating of all Academic/Research activities, is one of the recent most innovative initiatives successfully implemented by our university.

Start-Up Activities:

The Entrepreneur Development initiative is at the heart of the university. Start-up and Incubation Cell was formed in the University to promote and nurture entrepreneurship. The Start-up Cell of the University was awarded Rs. 2 Crores by Directorate of Technical Education, Government of the Gujarat. A wide range of different programs have been conducted by the Start-up Cell in sensitizing and familiarizing the students with the processes involved in entrepreneurship, mentoring them and connecting the potential candidates with the industry. In one such program, Faculty of Technology & Engineering along with Baroda Beat and Entrepreneurship Development Institute of India, jointly organized 'Start-up Boot Camp' in the March 2017.

Training and Placement Cell:

Employment of the students is the top priority of the university. The primary objective of Training and Placement Cell is to help in getting more employment opportunities for the students particularly in general stream. The Cell has prepared a database of companies, who would be interested in placements in the respective fields. It conducts regular campus placement drives.

Regular employment and Orientation drives are conducted by various faculties. In one such event, Faculty of Commerce conducted largest ever Orientation and Industry Screening Programme in which 1700 students had participated. Polytechnic College too had conducted Campus Recruitment Drive wherein 140 students received placement offers. Cent per cent campus placement happens in Faculty of Social Work and Faculty of Management studies. In Faculty of Technology & Engineering, 460 students were placed through campus drive in the year 2016-17.

Career and Counseling Cell:

The Career and Counseling Cell is primarily required to counsel the students in matters related to their career. It also helps the students to acquire skills related to employability aspects. Almost all the faculties of the university were involved in the activities related to the Cell. More than 1000 students attended different sessions on Life Skills and Communication Skills. Some motivation sessions too were taken by the Coordinator in various departments of the faculties. Resource persons from the Corporate Sector, Consultant Organizations, Non-Government Organizations, Media and University took a large number of sessions. The cell conducted various programs involving resource persons from corporate houses and industries. The programs focused on different career related topics including Behavioral and attitude issues, preparation of resume, Group Discussion Skills, etiquettes and manners to face Interviews, Language Skills, Personality Development, Entrepreneurship, Presentation and Report Making Techniques.

Seminars, Conferences and Exhibitions:

During 2016-17 The Maharaja Sayajirao university of Baroda organized 20 Workshops, 32 Seminars and 30 Exhibitions. The Office of Corporate Affairs had organized many Workshops, Industrial Visits, and Management Games to prepare the students of the University to the corporate world. It had also participated in Switch Global Expo-2016, one of the largest Electrical Expos in the country and organized a Panel Discussion on "Small Business: Social Responsibility-Prospects & Challenges" at the VCCI Exhibition-2016. Department of Dramatics, Faculty of Performing Arts had organized Workshop on "Improve Theatre" with the help of German Artist in April 2016. Department of English, Faculty of Arts had organized a Workshop called "Films", in September 2016. Department of Physics, Faculty of Science organized a Workshop on Entrepreneurship for Scientist and Engineers in India', in September 2016. Workshop named 'Self-Defense for Adolescent Girls and Women' was conducted Women's Studies Research Centre, in June 2016. Department of Civil Engineering, Faculty of Technology & Engineering had also organized a seminar entitled "Climate Change Adaption – Issues and Challenges: (CCAIC-2016)" in December 2016. A Seminar on Advance Computing and Communication was organized by Department of Computer Science and Engineering, Faculty of Technology & Engineering in February 2017. Faculty of Education and Psychology organized a seminar on 'Educational Sustainability of the Disadvantaged: Path Ways to Success' in March 2017. The University also organizes Exhibitions. Department of Architecture organized 'Creative Study Stool Exhibition' in July 2016. The students have exhibited Garment and Jewelry inspired from Greek Culture in 'Textile Illustration' organized by Institute of Fashion Technology in July 2016. Artwork of Abhisek Narayan Verma (Recipient of Purshottam Annual Merit Award in the Academic year 2013-2015) was organized by Faculty of Fine Arts in September, 2016. "Tribute to Padmavibhushan K. G. Subramaniam", 7th Annual Exhibition was organized at Faculty of Fine Arts, on 3rd September 2016. 'Food and Nutrition Priorities-From Evidence to Action' (National Conference) Department of Food and Nutrition, was organized by Faculty of Family and Community Science jointly with UNICEF (Gujarat), Indian Dietetic Association, Nutrition Society of India on 5th September 2016. A National level seminar on 'Inborn errors of Metabolism and New born screening' along with a half day work shop on 'Importance of Genetic screening' was organized by The Dept of Foods and Nutrition, UGC-DSA SAPII, in collaboration with MERD India, and Kashiben Gordandas Patel Children's hospital, Vadodara on 9th, 10th September 2016. "World Economic and Sports Conference", was organized by Faculty of Commerce and Department of Physical Education jointly with Global Economists Forum and Sports Federation, in October 2016. International Conference on 'Khadi and Handlooms Through Design Intervention' was organized by Department of Clothing and Textiles, in association with Consortium of Green Fashion, Pune in September, 2016.

Sports Activities:

In the area of Sports also the university has proven its mettle. Girl's Basket Ball Team secured 1st Position in School & College League Tournament and won cash Award of Rs. 5 Lakhs. Students of Department of Physical Education participated in All India Wrestling Inter University Competition at Haryana in February 2017. The sports team of university had won the State College League Championship organized by the Government of Gujarat.

Students' Activities:

In our university, various tech-fete and other youth events are also organized and managed by the students themselves. To illustrate, a few here-Footprints, is being organized by the students of the Faculty of Technology & Engineering with participation of more than 30,000 students across the country to showcase and sharpen their technical skills through competitions and open houses with the involvement of industry and academia. Another popular event organized by the students of this faculty is "Paramarsh" a non-technical soft skills honing event which comprises of Guest Lectures, Entrepreneurial Workshops, Debates and Quiz Contests. BBA Baazigar is being organized by the students of BBA program of the Faculty of Commerce to introduce to the students to real markets through Business Games.

The Sayaji Literature Festival is being organized by the students of the Faculty of Arts with diverse activities like Plays, Workshops, Story Writing, Poetry Writing, Film Appreciation and Panel Discussions. Youth festival of the University, which is a very popular even among the students, brings together all departments of the University in a collective showcase of talent. There are many other events conducted in the University throughout the year, which garner immense attention of the students.

Faculty of Commerce organized, CASCADE which consists of Sports events, Interactive Guest Lectures and School level Business Initiatives. Faculty of Management studies organizes YUVANTAS, a short film making competition. LUX ET VERITAS a Moot Court Competition is conducted by Faculty of Law to inculcate skills of Advocacy, Analysis of laws. It also provides free legal aid to needy. Faculty of Science organizes CYBERIA, which is on the themes related to Software and Internet. TATHAGAT, acting workshops is conducted by Faculty of Performing Arts. A design and crafts festival VASANTOTSAV is being organized by Maharaja Ranjitsingh Institute of Design (MRID). Physio Fiesta 2016: Cultural Festival was organized by students of Department of Physiotherapy, Faculty of Medicine in April 2016.

Road Map:

At present, the University is in a transition stage from the old school of teaching to the new school of teaching which involves On-Line Courses, Virtual Labs, Flip Class Room Concept and Learning Using Smart-Phones. The university has already installed ICT infrastructure to implement these concepts across the campus. The first step in this direction has already been taken in the form of installation of SWAYAM Prabha DTH Channels in each of the faculty of the university. Many of the traditional class rooms are now IT-enabled with Smart Boards and Multimedia facilities. Next step will be offering of On-Line Courses as well as providing logistic support for development of the On-Line Content by the faculty members.

The university will be developing a dedicated studio to promote use of Information Technology in near future. Another step will be inclusion of Virtual Labs in the Curriculum. ICT-enabled Studios and class rooms will be used for conducting interactive sessions between the experts in various disciplines within India and abroad with students of the university. This will lead to direct exposure of students to the global pool of expertise.

On the research front, the university would like to strengthen the number of sponsored research projects worth at least Rs. 100 Crores every year from the year 2020. Towards this university will setup more centers of focused research across the campus. The university would like to implement is the commercialization of at least 10 technologies per year developed on campus. Technology Transfer Cell of the university will take the lead in this direction by liaising with industrial houses and potential clients.

To conclude,

I would like to acknowledge the support received in abundance especially from the Government of Gujarat, Department of Education, Ministry of Human Resource Development, Government of India, and the various funding and sponsoring agencies, the collaborating industries, institutions and above all our agile and esteemed Alumni. I personally acknowledge the support and reassurance; I have received from esteemed members of Syndicate in particular and also from Senate members and my fellow colleagues in the university, officers of the university and last but not least my beloved students with ignited minds who are determined to move on and take university on greater newer heights in near future.

I extend my 'Heartiest Congratulations' to all the Gold Medalists and also each one of the Graduating students who are receiving their Degrees and Diplomas in the 66th Annual Convocation. We hope that the wisdom you gained during your University life will help you in tackling real world issues and in pursuing life with utmost joy and satisfaction. I also hope that the knowledge you gained during your stay will help you to succeed in careers of your choice. I hope you will keep in touch with the alma mater and would provide meaningful contributions.

I once again express deep sense of gratitude to our Chief Guest, Hon'ble President of India, Shri Ram Nath Kovindji, Guests of Honour, Hon'ble Governor of Gujarat, Shri O. P. Kohliji and Hon'ble Chief Minister of Gujarat, Shri Vijaybhai Rupaniji, Hon'ble Education Ministers of Gujarat State, Shri Bhupendrasinh Chudasamaji and Smt. Vibhavariben Daveji, Smt. Anju Sharmaji, Principal Secretary, Higher and Technical Education Department, and other Government officials and all other distinguished Guests and Proud Parents of the Graduating students for being with us on this memorable academic occasion.

Thank you one and All!

Jai Hind!!

The Maharaja Sayajirao University of Baroda



Arts



Commerce

Education & Psychology



Fine Arts



Family & Community Sciences



Management Studies



Journalism & Communication



Law



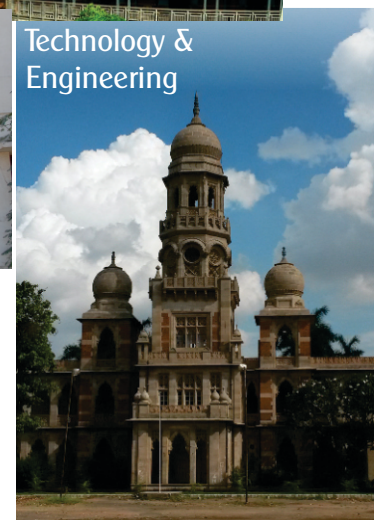
Medicine



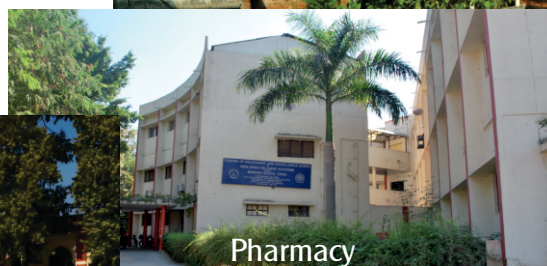
Performing Arts



Technology & Engineering



Pharmacy



Science



Baroda Sanskrit Mahavidyalaya



Social Work



Polytechnic



M K Amin College



Number of Students Enrolled

3 Year UG Programs
23855

Females
14383

Males
9472

4 Year UG Programs
3215

Females
964

Males
2261

5 Year UG Programs
1127

Females
538

Males
589

1 Year PG Programs
602

Females
426

Males
176

2 Year PG Programs
5101

Females
3399

Males
1702

3 Year PG Programs
86

Females
34

Males
52

Integrated 5 Year PG Programs
125

Females
92

Males
33

Ph. D. Programs
155

Females
75

Males
80

Number of Graduating Students

3 Year UG
programs

Students admitted in
2014-15: **6415**

Students graduating in
2016-17: **5195**

4 Year UG
programs

Students admitted in
2013-14: **867**

Students graduating in
2016-17: **684**

5 Year UG
programs

Students admitted in
2012-13: **324**

Students graduating in
2016-17: **267**

1 Year PG
programs

Students admitted in
2016-17: **661**

Students graduating in
2016-17: **661**

2 Year PG
programs

Students admitted in
2015-16: **2105**

Students graduating in
2016-17: **2054**

3 Year PG
programs

Students admitted in
2014-15: **37**

Students graduating in
2016-17: **33**

Integrated 5 Year
PG programs

Students admitted in
2014-15: **23**

Students graduating in
2016-17: **19**

Ph. D Programs

Students graduating in
2016-17: **98**

Student Placement and Progression

3 Year UG programs

Number of students placed: **717**

Number of Students selected for Higher Studies: **3440**

4 Year UG programs

Number of students placed: **460**

Number of Students selected for Higher Studies: **120**

5 Year UG programs

Number of students placed: **5**

Number of Students selected for Higher Studies: **37**

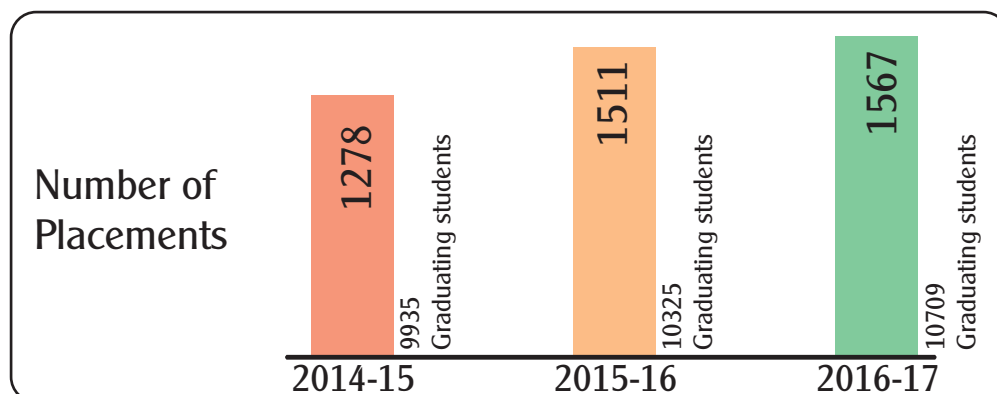
2 Year PG programs

Number of students placed: **160**

Number of Students selected for Higher Studies: **124**

More than 20% increase in number of placements in 2016-17 as compared to 2014-15

Almost 10% increase in average salary in 2016-17 as compared to 2014-15



Research Projects

Number of sanctioned
sponsored research projects
49

Funding for the sanctioned
sponsored research projects
Rs. 10.35 Crores

Number of ongoing
sponsored research projects
90

Funding for the ongoing
sponsored research projects
Rs. 25 Crores

Number of completed
sponsored research projects
36

Funding for the completed
sponsored research projects
Rs. 6.4 Crores

Number of Departmental/Faculty
level projects sanctioned
5

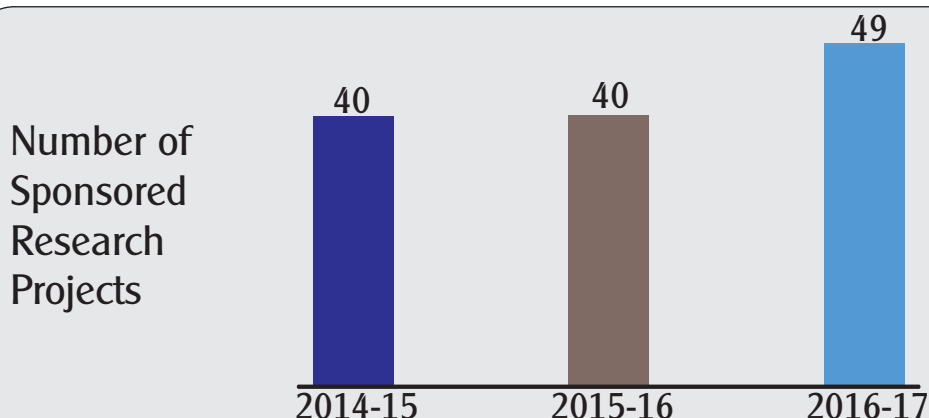
Number of Departments
supported under DSA scheme
4

Number of Departments
supported under DRS scheme
5

Number of Departments
supported under FIST scheme
3

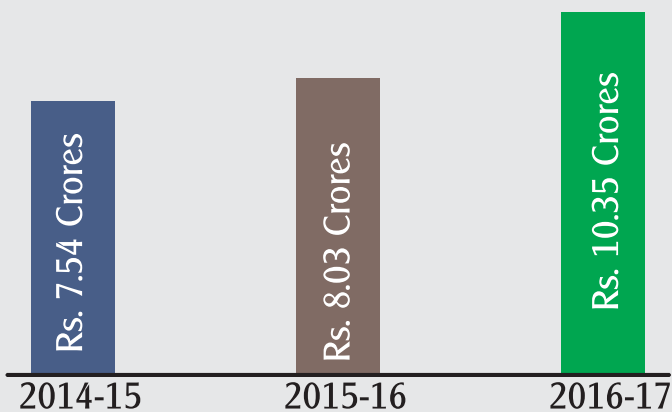
Number of Departments
supported under CAS scheme
2

Total Funding for Departmental/
Faculty level projects
Rs. 67.6 Crores



Research Projects

Funding for
Sponsored
Research
Projects



University was awarded with Phase II of DST-PURSE Scheme. It is worth Rs. 12 Crores.

Faculty of Social Work was awarded Dr. Ambedkar Chair program by the Ministry of Social Justice and Empowerment (MJSE)

Research Projects: Sponsors (Illustrative List)



Research Publications

Number in
Peer Reviewed Journals
628

Number in
Non-Peer Reviewed Journals
3

Number in
e-Journals
13

Number in
Conference Proceedings
89

Number in
SCOPUS
272

List of Journals (Illustrative list)



JIF 12.12

Proceedings OF THE IEEE JIF 9.24



JIF 9.13

ASME JIF 7.92
SETTING THE STANDARD
Applied Mechanics Reviews



JIF 7.78

eLIFE JIF 7.73



JIF 6.61

Organic LETTERS JIF 6.58



JIF 6.40

DRUG DISCOVERY TODAY JIF 6.37
ELSEVIER

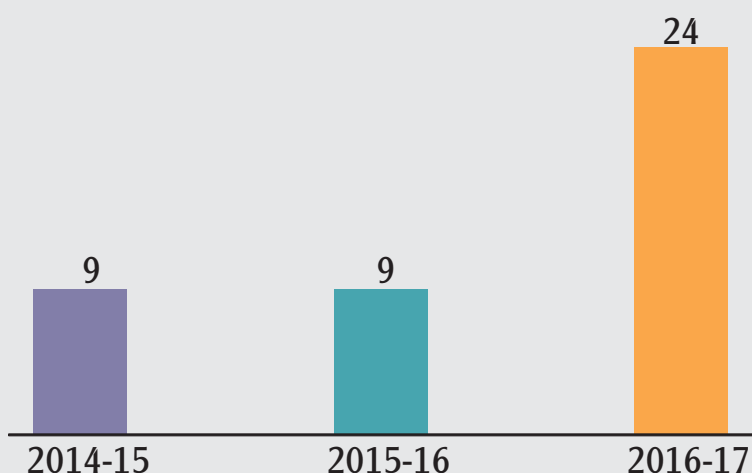
JIF - Journal Impact Factor (Thomson Reuters)

Research Publications: Impact Factor and Citations

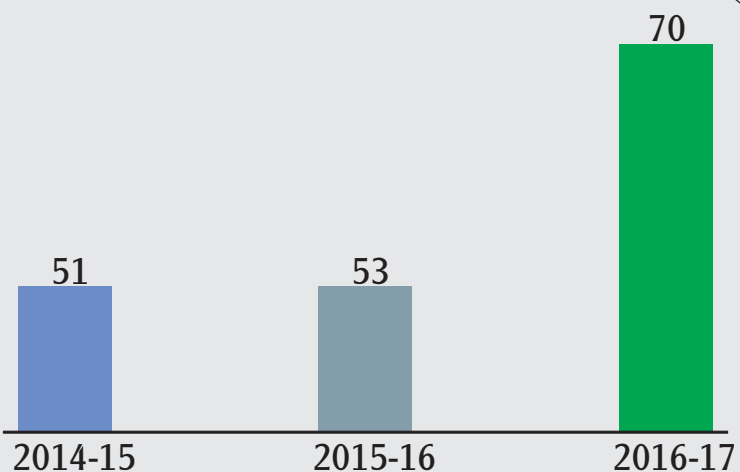
Number of publications in Journals with Journal Impact Factor higher than 5
24

Number of publications in Journals with Journal Impact Factor between 3 and 5
46

Number of Publications in Journals with Journal Impact Factor higher than 5



Number of Publications in journals with Journal Impact Factor between 3 and 5



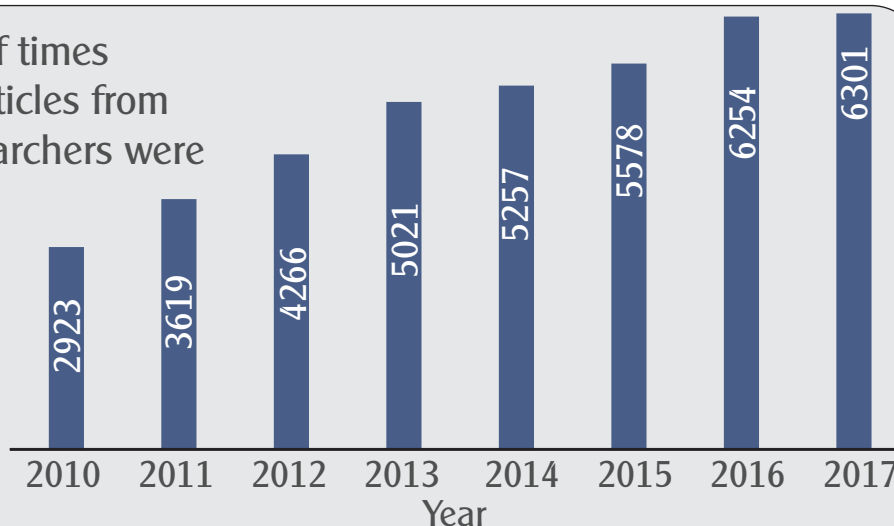
Average Journal Impact Factor
2.6

Range of Journal Impact Factor
0.12-12.47

Data Source - Thomson Reuters and SCOPUS

Research Publications: Impact Factor and Citations

Number of times
Journal articles from
MSU researchers were
cited



Number of Publications with
100 or more citations
41

Number of Publications with
50 or more citations
177

H-index of the University
74
(67 in 2015-16)

i-10 index of the University
1616
(1366 in 2015-16)

Data Source - Thomson Reuters and SCOPUS

Consultancy Projects and Seed Grants

Industrial Research Projects
4

Industrial Consultancy Projects
19

Individual Consultancy Projects
37

Income through consultancy
assignments
Rs. 2 Crores

Number of Seed Grants
awarded by MSU
29

Collaborations and Linkages

MOUs with International Universities/Institutes
47

International Collaborations
80
(Cambridge Uni, Laval Uni, Stuttgart Uni, Kio Uni, Durham Uni, Leicester Uni etc)

National Collaborations
140
(IIT, ISSER, IISc, NCBS, NCL, TIFR, BARC, RRCAT, PRL, IPR, NITs etc)

International Collaborations
80
(Cambridge Uni, Laval Uni, Stuttgart Uni, Kio Uni, Durham Uni, Leicester Uni etc)

Scholarships
For mobility to European Partner Universities for Interdisciplinary Research

Industrial Collaborations
Siemens, SunPharma, GSFC, L&T, ONGC etc.

Collaborators (Illustrative List)



Awards and Recognitions

Ms. Asha Mishra
(Student)

National level **Super Brain Youth Award (Bronze Medal)** November 2016, by Competition Success Review

Conferences/Seminars Conducted

State level Workshop on “Data Analysis and Financial Modelling in Excel”, under Centre for Research in Planning and Development

National Seminar on “Modern Education System: Multi-disciplinary Perspective”.

National Seminar entitled “Politics of Embodiment”

National Seminar on “Importance and need of mother tongue”

Publications

Peer-reviewed Journals
17

Non Peer-reviewed Journals
12

e- Journals
9

Conference Proceedings
9

Books
8

Book Chapters
11

Research Funding

Number of Centrally funded
Departments
03

Research funding through
Central Projects
Rs 194 Lakhs

Central Funding Schemes
UGC-DRS

Number of sponsored
Research Projects
09

Research funding through
sponsored Projects
Rs 129 Lakhs

Sponsoring Agencies
UGC, ASI, ISRO, UGC-UKIERI

Research Collaborations
7 International, 1 National

Number of
Ph.D. supervisors
38

Number of
Ph.D. students
73

Number of Research scholars
with fellowship
23

Number of faculty members acting as experts/
resource persons/ chair persons
31

Extension Activities

Hindi Diwas, Premchand Jayanti, Bhartendu Jayanti were organized by **inviting scholars for lectures**.

Drama on the theme "Beti Bachao" & "Swachchhata Abhiyan".

Organized a **Tree Planting Event** with other Departments with the aim of making Bhasha Bhavan premises more environment friendly and aesthetically more appealing.

Department of Political Science **contributed in different ways to several civic organizations** and NGOs some of which are Aghaze Dosti, Olakh and Sahiyar.

E-Governance activities

Computerization of administration and library. Digitization of manuscripts.

Computerization of departmental libraries

Department Libraries

Text books
9613

Journals
531

E-Journals
375

CD and Videos
501

Student Support

Department of German were guided students for undertaking German proficiency examinations conducted by Goethe Institute.

Department of Linguistics provided Resources and guidance for UGC-NET, Pearson Test of English, IELTS , and TOEFL examinations.

Number of students
clearing NET/SLET
36

Number of students
clearing GATE
10

Number of students
clearing GRE
01

Number of students
clearing other exams
02

Student Counselling and Career Guidance

Interactive session with Dr. Nishant Choksi (Post-Doctoral fellow, Center for Southeast Asian Studies, Kyoto University), regarding the career and study opportunities in Linguistics.

Gender Sensitization

Political Science department works closely with the Women's Group, the WSRC and many such programs on gender sensitization.

In Department of Sociology, the course curriculum itself is made to address the gender sensitisation issues. Also through Sociology Students' Association programmes Skits, Drama, Songs etc on Gender issues were organized

Student Placement

Number of students
placed after PG
(2015-17)

52

Median
Salary (p.a.)

Rs. 240000

Student Progression

UG to PG

38

PG to Ph.D.

3

Student Activities

Students Union conducted Youth Festival **Jay Ho**

Students of the Faculty of Arts conducted **Sayaji Literary Festival**

Industry Interaction and Collaboration

Staff of Department of German are invited to train at various companies and also conducts lectures.
Invited German natives working with these industries to interact with the students to enhance their German speaking skills.

Department of Library and Information Science collaborates with the Department of History and AICS for student project which has activities like evaluating print information as well as e-resources, preparing catalogue databases and helping in library automation.

Department Political Science interacts and collaborates with the society on a number of platforms such as with other universities, schools, non-governmental organizations and not for profit organizations.

Best Practices

English Department offers courses which cater to disparate needs of students belonging to a range of disciplines and having different academic and professional goals. Integration of research into curriculum design and teaching.

Linguistics department has need-based curriculum that is interdisciplinary, application-based as well as socially relevant. The curriculum is designed with a view to suit the professional and personal needs of the students.

At the department of Library and Information Science, emphasis is given to hands on training; students are taught the latest open source library management and digital library software in the Department's computer laboratory.

In Marathi Department, all the staff members regularly share their experience of class room teaching which helps them to adopt new teaching methods keeping in mind the necessities of the students.

Political Science Department promotes a free and open style of education and learning which leaves the student free to determine his/her ideas, thinking, position and preferences.

Department of Russian gives Emphasis on the method of discussions and interaction for imparting knowledge.

Awards and Recognitions

Dr. Ramroop
Sharma

National Seminar & Research Paper Contest On
“Managing Business & Technology: SWOC In The
Emerging Future”, Vallabh Vidyanagar

Dr. Sapna
Patel

Best Paper Award at National conference On
Emerging Trends In Global Business Management,
Veer Narmad South Gujarat University Surat

Shri Parag
Shukla

Best Paper Award at National conference On
Emerging Trends In Global Business Management,
Veer Narmad South Gujarat University Surat

Miss. Monika
Soni
(student)

Alumni of Faculty of Commerce secured **Second
Position** in the 'National Digital Marketing
Championship' organized at IIT Kanpur.

Conferences/Seminars Conducted

World Economic and Sports Conference, Faculty of Commerce
and Department of Physical Education jointly with Global
Economists Forum and Sports Federation

Seminar on **Indian Accounting Standards** by Department of
Accounting and Financial Management,

Workshop on **Career in Life Insurance**, Dept. of Banking and
Insurance, Faculty of Commerce and LIC of India

National level Faculty Development Programme on **GST and Its
Implications** organized by Dept. of Accounting and Financial
Management in association with ICA Edu Skills Pvt. Ltd

Publications

Peer-reviewed Journals
71

Non Peer-reviewed Journals
5

e- Journals
11

Conference Proceedings
5

Book Chapters
9

Research Funding

Number of sponsored Research
Projects (Major+Minor)
20

Research funding through
sponsored Projects
Rs 15.65 Lakhs

Number of
Ph.D. supervisors
20

Number of
Ph.D. students
33

Number of Research scholars
with fellowship
1

Number of faculty members acting as experts/
resource persons/ chair persons
3

Extension and student activities

Cascade which is a perfect fusion of myriad of activities was organized at BBA

For the first time a unique event called **The Entrepreneurs' Achievements** (TEA) Talks was organized at BBA.

BBA Baazigar Season 11 an inter-college event for students across Gujarat wherein they are exposed to a real business environment.

SWAYAM- 100 individuals were provided training for a period of 1 year in the area of their interest to hone their Entrepreneurial mind, so that they can benefit from it in the future.

Clothes distribution to poor through BISF (Banking and Insurance Students Forum).

To create an **awareness about Thalassemia**, organized check up test camp for students in collaboration with Indian Red Cross.

Department Libraries

Text books
513

CD and Videos
183

Student Support

Orientation programme on 'How to crack competitive exams' was conducted for the students of BBA

Number of students
clearing CAT
2

Number of students
clearing GATE
1

Student Placement

Number of students
placed after UG
(2015-17) **453**

Median
Salary (p.a.) **Rs. 150000**

Student Progression

UG to PG **2261**

PG to Ph.D. **1**

Alumni Association

The **BBA Alumni Students' Association** (BBA - ASA) meet is held every 3 years).

Samanayan is a meet jointly organized by the BBA Students' Association and the BBA Alumni Association. Every two years, the members of BBA Parivar come together to relive the moments they spend at the college.

Best Practices

Weekly subject co-ordination meeting is regularly held to ensure attainment of teaching objectives.

Lectures by experts are conducted to enrich on contemporary issues. Also, departmental meeting is a regular feature.



FORMAT OF PAPER:

- Following are the instructions regarding the format of the paper that is to be submitted:
- Microsoft Word 2010 or higher.
- Margin: Left: 1.5 Right: 1.5 Alignment: justified
- Page-A4, Line spacing: 1.5, Alignment: justified
- Title of the Paper should be in center alignment.
- Author's name, designation, and name of the institutions should be in right alignment below the title of the paper.
- A 4-page abstract should be submitted, not exceeding 3000 words.
- Not more than two authors per paper and an abstract not exceeding 200 words.
- No hand-written paper will be accepted.

soft copy along with registration form must be sent to research@msu.ac.in before 1st October, 2016

Important Dates:
Last date of abstract submission: 28th Sept, 2016
Last date of full paper submission: 1st Oct, 2016
Register immediately through www.msuniversity.ac.in
Registration payment can be done after 24th September, 2016 after your registration confirmation from Organizers.

SCHEDULE:

9.30 AM TO 9.45 AM	Registration
10.00 AM	Prayer Session
10.45 AM	Technical Session
12.00 Noon	Lunch
1.30 PM	Technical Session
4.30 PM	Voluntary Function

ACCOMMODATION:
Accommodation will be provided on prior request for submission participants on nominal charges.

Contact Person:
Economics: Dr. Navendu Karmann, 991-460001/2/3/4
Sports: Dr. Vikas Prapagati, 991-8426760702

PATRON:
Prof. Parmal H. Vyas
Hon'ble Vice-Chancellor of Baroda

ADVISORY BOARD:
Dr. Jatin Soni
Hon'ble Vice-Chancellor, MSU
Shri Sandeep Pradhan
Director General, SAG
Smt. Tejal Amin
Sports Member
Shri Ashwin Choksi
Sports Member
Shri Jignesh Soni
Sports Member
Shri Sateen Kulkarni
Dr. B. G. Chaudhary
Sports Member

CONFERENCE DIRECTORS:
Dr. Dinkar Nayak
HOD, Department of Economics
Dr. M.B. Pankaj
Director, Physical Education

CONFERENCE CONVENERS:
Dr. Navendu Karmann
Dr. Vikas Prapagati

COMMITTEE MEMBERS:
Dr. D. Ramesh
Mr. Venu Varadar
Dr. Harji Kaur
Smt. Shweta Sheth
Dr. Ashwini Prapagati
Smt. Jyotsna Patel

World Economic and Sports Conference 2016
October 7th & 8th, 2016
Venue: BBA Auditorium, Vadodra, Gujarat, India

Jointly Organized By:
Global Economic Forum
Global Sports Federation



National Seminar

BBA Baazigar XI kicks off today

TIMES NEWS NETWORK

Vadodra: BBA Baazigar – the annual business game organized by students of MS University's BBA programme will begin from Wednesday.

The BBA Students Association (BBASA) is all set to host the business game for the eleventh consecutive year. The business game is organised to provide real life business experience to participants as each of the selected team is given a venture capital of Rs 10,000 to carry out any legal business for three days and showcase their entrepreneurial skills.

"So far, we have received registrations from over 60 teams from across Gujarat including those from Surat, Ahmedabad, Gandhinagar, Anand, Vallabh Vidyanagar apart from those from within Vadodra," said Siddharth Chaudhary, president of BBASA.

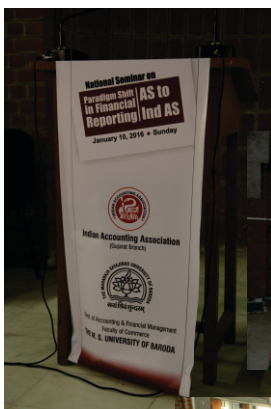
The registrations have been kept open on Wednesday after which all the participants will be briefed regarding rules of the game.

"In the second stage of business plan presentation, the participating teams will have to present their tentative business plan before the judges which they will be implementing when they are given Rs 1,000 during the Decagon round," he said.

With Rs 1,000, each team will have to carry out business for 12 hours.

"The qualified top 25 teams will get Rs 10,000 each in the main event which will begin on January 24 and will continue for three days," said Chaudhary, adding that the grand finale will be organised on January 27.

BBASA will be concluding this year's Baazigar with a concert of DJ Chetas.



Placement Initiative



Conferences/Seminars Conducted

National Seminar on **Pedagogy of Education**

National Seminar on **Educational sustainability of the Disadvantaged: pathways to success**

One day National Symposium on **Invigorating Quality in Rural Primary Education: Issues, Challenges and Strategies**

National Workshop on **Management of University Administration**

National Seminar on **Women in Educational Leadership**

Seminars/Conferences/Workshops Attended

International Level
13

National and State Level
185

Publications

Peer-reviewed Journals
32

Non Peer-reviewed Journals
16

e-Journals
16

Conference Proceedings
10

Books
9

Book Chapters
5

Research Funding

Number of Centrally funded
departments
02

Research funding through
Central Projects
Rs 124 Lakhs

Central Funding Schemes
UGC-DSA, CAS

Number of sponsored
Research Projects
04

Research funding through
sponsored Projects
Rs 87.1 Lakhs

Sponsoring Agencies
UGC, IASE, NUEPA

Research Collaborations
4 International, 4 National

Number of
Ph.D. supervisors
17

Number of
Ph.D. students
50

Number of Research scholars
with fellowship
21

Number of faculty members acting as experts/
resource persons/ chair persons
34

Extension and Student Activities

Psychological assessment, diagnosis, counselling, therapy, Psychological assessment diagnosis & treatment rehabilitation service for the patients in and around Baroda,

Parenting talks, Teacher Training, Industry recruitment assessment student self-development programme.

Program on **Modern Food Product** - OD Intervention- Diagnose the problem

Campus to corporate- – Know thy self, Goal settings and Goal achievement, Business Etiquettes, Leadership Skills, Communication Skills, Stress management.

Department Libraries

Text books
21092

Journals
300

Reference Books
465

CD and Videos
60

Digital Initiatives and E-Governance activities

Digital University – online admission procedure, online mode of correspondence with students, online preparation and declaration of results, interconnected administration of all faculties with university office through online mode

Training to teachers through workshops/training programmes on ICT

Training to students through integrated subject of ICT both at B.Ed. and M.Ed. level

Student Support

Special Tutorial classes were conducted on future avenues after B.Ed.; TAT, TET, NET, HTAT examinations.

Dr. Bhavin Chauhan conducted classes on Interview skills and resume writings. Aptitude Testing, Counselling for Specialization Selection, Future Studies and Placement and Job

Aptitude Testing, Counselling for Specialization Selection, Future Studies and Placement and Job

Number of students
clearing NET/SLET
10

Number of students
clearing Civil Services
01

Number of students
clearing UPSC
01

Number of students
clearing other exams
01

Student Placement

Number of students
placed after PG
(2016-17) **95**

Median
Salary (p.a.) **Rs. 170000**

Student Progression

UG to PG **27**

PG to Ph.D. **4**

Extension and Student Activities

Psychological assessment, diagnosis, counselling, therapy, Psychological assessment diagnosis & treatment rehabilitation service for the patients in and around Baroda,

Parenting talks, Teacher Training, Industry recruitment assessment student self-development programme.

Program on **Modern Food Product** - OD Intervention- Diagnose the problem

Campus to corporate- – Know thy self, Goal settings and Goal achievement, Business Etiquettes, Leadership Skills, Communication Skills, Stress management.

Department Libraries

Text books
21092

Journals
300

Reference Books
465

CD and Videos
60

Digital Initiatives and E-Governance activities

Digital University – online admission procedure, online mode of correspondence with students, online preparation and declaration of results, interconnected administration of all faculties with university office through online mode

Training to teachers through workshops/training programmes on ICT

Training to students through integrated subject of ICT both at B.Ed. and M.Ed. level



Awards and Recognitions

Prof. Anjali
Pahad

Best Paper Presenter at International Conference on Women Studies & Social Sciences, Chandigarh

Parnami S.,
Sheth M.

Awarded 1st prize - Pratima Kaushik Award in Clinical Dietetics Category, Annual National Conference, Indian Dietetic Association,

Sheth M.,
Thakur P. K.

Awarded 1st prize at the National Conference on "Food and Nutrition priorities from Evidence to action".

Gandhi H.,
Shah M.,
Singh P.

Awarded 1st prize for poster in Public Health Nutrition category, National Conference on Food and Nutrition Priorities- From Evidence to action

Nambiar V.,
Khanna T.

1st Prize in Community Nutrition by Indian Dietetic Association, National Conference of Indian Dietetic Association

Chandorkar S.

Award of Honour by Society for World Environment and Technology (SWEFT), New Delhi

Nair S.

Nominated as Expert in the Scientific panel of Food Safety and Standards Authority of India (FSSAI-GOI) for food fortification initiatives.

Nigam V.,
Nambiar V.

Swaran Padak Award by Indian Dietetic Association, Annual National Conference of Indian Dietetic Association, Mumbai

Nair S.

Award of Honour by Society for World Environment and Technology (SWEFT), New Delhi

Conferences/Seminars Conducted

International Conference on **Empowering Khadi and Handloom through Design Intervention**

Legal Awareness Programme about **Women related Laws in Gujarat State**

National Workshop cum Seminar on **Inborn Errors of Metabolism and New Born Screening- Exploring the link between Nutrients and Metabolomes**

National Seminar on **Food and Nutrition Priorities – From Evidence to action**

National Seminar on **Food Product Development – From Concept to Consumer**

Seminars/Conferences/Workshops Attended

International Level
54

National and State Level
97

Publications

Peer-reviewed Journals
61

e- Journals
4

Conference Proceedings
8

Books
8

Book Chapters
10

Research Funding

Number of Centrally funded
Departments
02

Research funding through
Central Projects
Rs 166 Lakhs

Central Funding Schemes
DRS, DSA, CAS

Number of sponsored
Research Projects
03

Research funding through
sponsored Projects
Rs 56.2 Lakhs

Sponsoring Agencies
TFP, NCPCR, ICSSR

Research Collaborations
**4 International, 6 National,
34 Other**

Number of
Ph.D. supervisors
21

Number of
Ph.D. students
44

Number of Research scholars
with fellowship
15

Number of faculty members acting as experts/
resource persons/chair persons
38

Extension and student activities

Students organized a display of items prepared for Home Décor which prima-facie includes Metal Casting, Craft Tera Kota and Traditional Pottery

A session on Film Making was organized by Institute of Fashion Technology Faculty

A session on Creative Accessories from Denim Waste was conducted Institute of Fashion Technology

Up-cycling of Cloths by Department of Clothing and Textile

'Revelation 2017' , B.Sc. (Honours) Interior Design Program

Department Libraries

Text books
1012

Journals
16

Reference Books
723

e-books
09

Digital Initiatives and E-Governance Activities

U.G Students are taught about technology (Computer and Internet through the Course on ICT and Computer Application)

Administrative activities through digital channels

Student Support

Writing Skill, Speech Development Skill, Preparation through presentation and report writing

Problems of students pertaining to personal, financial and study related issues are handled by the concerned staff advisors and coordinators

Orientation programs for student are conducted before they select their majors and individual counseling session with students who seek information for post graduation career counseling. Other forms also include conducting aptitude tests thorough the Human Development Support Centre.

Number of students
clearing NET/SLET
03

Number of students
clearing other exams
07

Gender Sensitization

Besides creating awareness and building skills on nutrition issues, the staff & students bring awareness regarding gender equality as one of the component in its extension and outreach activities

Students may feel ill-equipped to handle sexual advances/ harassment on the streets. To help them become aware of the crimes committed against women and to empower them to defend themselves, no. of gender sensitization workshops are conducted.

Offers gender sensitizing programs to school children, elderly population and parents through applied units such as Chetan Balwadi, Youth Study Support center Which are a part of - Human Development Support and Assessment Centre.

Student Placement

Number of students
placed after UG
(2015-17) **293**

Median
Salary (p.a.) **Rs. 240000**

Student Progression

UG to PG **108**

PG to Others **10**

Industry Interaction and Collaboration

Researchers at the PG level are being carried out with collaboration with the industries.

Established collaborations with industries like RIL, L & T, Deepak Nitrite, Birla Cellulosic for Urban/Rural field work programs, Internship/placement of students and action research projects.

UG and PG Dietetics students were placed at welcome hotels, IPCL guets house and canteen, Akshay patra, FPTBE, AAU, Vidhya Dairy Anand for internships.

Internship of students at various hospitals such as Balabhai Nanavati Hospital Mumbai, Apollo Hospital, Delhi, sterling health mall, Nair Hospital, Mumbai, Max Hospital, Calcutta.

Internship of students at various NGOs such as NIPCCD, Delhi, NIPCCD, Bangaluru; NIPCCD Guwahati, NIPCCID Lucknow, NIPCCID Indore etc

Best Practices

“Residence Course” under which students stay in “FCRM House” which is a laboratory to apply theories and principles related to management of resources and group living. It aims at simulating a “homelike” situation for practical experience in day-to-day living. FCRM House experience provides opportunity to learn to manage Human and non-human resources at their disposal which sensitise the students for conservation of resources. Students are given an opportunity to learn Event Management, Banquet management. The students also learn to apply the element and principles of interior designing in the House. This is done under continuous advise, supervision and evaluation of a staff Advisor.

Research papers in the past five years are reviewed by the Masters students. The Ph.D scholars share work progress and all faculty and students who have attended seminar, workshops, internship, study tour etc, share their learning by means of presentation during the seminar.

“Experience is a great teacher”, hence teachers with years of experience are assigned research scholars or new staff members as paired partners for teaching, evaluating, research and administrative activities.

Junior teachers discussed their lesson plans and evaluation techniques to their mentors and take relevant guidance for the research guidance. The junior teachers are co-guides which helps them later to take guidance work independently.

Each class has student advisors to address student's needs, similarly mentors who are experts in their areas with many years of experience of taking the courses act as mentors. Each course offered in a semester is mentored by expert staff.

CITY DIGEST

Inspire Science Camp kicks off

Inspire Science Camp 2016, sponsored by Department of Science and Technology (DST), government of India kicked off at M S University's Faculty of Family and Community Sciences on Monday. The camp is being organized by Department of Extension and Communication at Dr Mrunalini Devi Puar auditorium. The camp will continue till August 12 with various sessions by scientists from across the country. Its inaugural ceremony witnessed presence of eminent scientist and J C Bose and Raja Ramanna awardee professor A K Singhvi, MSU vice-chancellor professor Parimal Vyas among others.



Rural block placement



Student Exchange Program



Awareness Programs

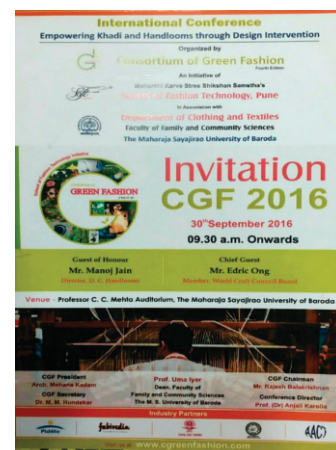


Extra-mural lectures and workshops



It's ta ta cotton, hello banana khadi

MS University researcher Amrita Doshi's five-year study leads to linen-like fabric made from banana fibre



Awards and Recognitions

Dr. Ambika Patel

International Scholarship for a Pilot Research visited Asian Art Museum, Berlin, Germany for One Month

Shri Nikhil Banodha

First prize in artist category from Gujarat State Lalit Kala Akademi for his work titled 'Addicted'

Conferences/Seminars Conducted

Conservation of Works of Art in collaboration with National Lalit Kala Academy, New Delhi

International Seminar on **Narrative Design in Craft** by MRID

National Craft Seminar **Vasantotsav** by MRID

Natural Dye Workshop for Master Weavers of Gazendragadh in Association with 3rd Space Lab Collective USA in India

MRID **Design and Craft Festival-Workshop** (State Level) on **Several aspects** for School Children

MRID **Design and Craft Festival-Workshop** (State Level) on **Textile** for School Children

Exhibition on **Making Paper From Banana Leafs**

Exhibition of Artwork of Abhisek Narayan Verma (Recipient of Purshottam Annual Merit Award in the Academic year 2013-2015)

Exhibition **The King and I** (paintings of Artist Ms. Kavita Shah).

Publications

Peer-reviewed Journals
4

Conference Proceedings
3

Books
1

Solo Exhibitions
8

Group Shows
90

Research Funding

Number of sponsored
Research Projects
01

Research funding through
sponsored Projects
Rs 2 Crores

Sponsoring Agencies
Airport Authority of India

Number of
Ph.D. supervisors
04

Number of
Ph.D. students
17

Number of Research scholars
with fellowship
04

Number of faculty members acting as experts/
resource persons/ chair persons
16

Extension and student activities

Aiding Social awareness campaigns by designing posters, banners, placards, create slogans, etc. for effective communication.

Faculties Conduct lecture/demonstrations in art practice; judge art competitions. Associated in programmes such as heritage walks.

Department Libraries

Text books
650

Journals
15

Reference Books
154

Industry Interaction and Collaboration

The practice of Design entails associations with Printing and Advertising Houses, Design Studios, Craft Industry, Design Industries, NGOs, Film Industry, Animation Studios etc.

Experts from these industries are also invited for workshops, discussions, illustrated talks, etc. to the Institute. Expertise of people from certain industries such as Animation, Documentaries, Film design, Printing and Publishing, Advertising, Ceramic industry, Glass Industry etc. is also shared with students.

·Lessons in the studios are usually designed to match with the exposure to various contemporary practices in the industry/field for holistic comprehension.

Student Placement

Number of students
placed after UG
(2015-17) **270**

Median
Salary (p.a.) **Rs. 250000**

Number of students
placed after PG
(2015-17) **74**

Median
Salary (p.a.) **Rs. 270000**

Student Progression

UG to PG **65**

PG to Others **34**

Best Practices

Instead of having a conventional time table, use a module method where the same subject is taught in the class for two to four weeks. This has certainly enhanced responses from students and has largely facilitated learning. It helps them retain information as one meets regularly over the days of the entire module; it helps to connect with the earlier class much better. It also helps teachers as they can concentrate on fewer subjects at a time over the entire module allowing them to integrate more insight in their teaching.

Students of Studio courses at the PG level are expected to undergo an internship/apprenticeship programme where they work with artists/professionals/craftsmen/artisans of a discipline other than theirs. This is especially designed to integrate indigenous art traditions with contemporary art practice whereby students not only get exposed to and learn these art forms but more importantly impact the traditional practitioners too with newer technologies, a contemporized aesthetic framework, and providing them with visibility and permeability in the market.



Students show their quirk

Times News Network

The campus of M S University's (MSU) Faculty of Fine Arts was brimming with art lovers from the city as they viewed the city's most magnificent art installation by budding artists. A sculpture of a person in a dynamic pose caught the attention of visitors entering the main campus. The red-colored sculpture that weighs around 1.70 kg was created by Narayan Chandrashekhar, a final year masters student of sculpture.

The artworks designed and developed by the students throughout the academic year are kept on display for the public at faculty during the annual display. At the preview on Thursday, art lovers from the city were enthralled by the beautiful creations in various shapes and forms.

Students have worked on a variety of themes including contemporary, history, mythology, new media, music, advertising and architecture among others.



MSU alumna wins laurels at global design conference

Jay.Pachchigar
@timesgroup.com

Vadodara: An alumna of M S University's Faculty of Fine Arts received Red Elephant

Award at an international design conference recently. **Yashasvi Agrawal**, who

completed her under-graduation this year from applied arts department had submitted her entry in the 'Young Bloods' category of the conference that is a calendar event for many professionals from the creative industry.

At the conference the participants were given briefs by various Indian and multinational

companies on the basis of which they created advertising campaigns, product launch campaigns and application designs. Agrawal told TOI: "I had sent two entries and the one that was nominated for final round and received the award was an advertising campaign for an infrastructure company."

Agrawal, who currently works with an advertising company, had sent her entries when she was a student at the faculty and competed with experienced professionals from across the globe. Senior faculty at the applied arts department Malti Gaekwad said, "I have myself attended the event six times and have always motivated students to send the entries even if they have to compete against

experienced professionals." Gaekwad added that every year 10 entries from the faculty are sent for the competition and in the past too students have won awards.

Along with Agrawal, **Suman Dutta**, a post-graduate student of the department, had also participated. Dutta's had designed a mobile application and product launch campaign on the basis of the briefs that he had received and was nominated for final round. His entries will feature in the competition's magazine that is published after the event ends.

Gaekwad said, "The competition is attended by designers and artists from across the world who address the participants during the three day event."

Exhibitions and other activities



Design institute to organize 'Vasantotsav' for children

TIMES NEWS NETWORK

Vadodara: Maharaja Ranjitsinh Gaekwad Institute of Design (MRID), a part of M S University's famed Faculty of Fine Arts, will celebrate 'Vasantotsav' for schoolchildren from the city.

During the festival, national-level artisans from across the country will teach various crafts to the children between February 24 and 27. Craft workshops will be held for glass, metal, bamboo, leather, natural dyes, 'shola pith', basic jewellery, paper making, clay and fabric.

"We are organizing this craft workshop to help schoolchildren learn the fine arts of



Maharaja Ranjitsinh Gaekwad Institute of Design (MRID)

crafts for which we have invited artisans from Jaipur, Kutch, Kolkata among other places. The institute's faculty will also conduct workshops," said Shatrughan Thakur, assistant director of MRID.

'Shola pith', a craft from

West Bengal, which is on the verge of extinction will be taught to children by a national award winner.

"Similarly, the metal workshop will be conducted by artisan Hanuman Singh from Jaipur. Children will also be taught techniques through which new products can be prepared from waste and old clothes," he said.

The institute has sent invites to city-based schools to send their standard 8 to standard 10 students for the workshops. "In total there will be 11 workshops that will be held as a part of 'Vasantotsav'. In the four days, we are expecting a participation of around 600 schoolchildren," he added.

Extension and Student Activities

Series of Guest Lectures were held during the year. Prominent dignitaries from the various fields of media were invited for interaction with the students.

Faculty Fest 'Razzmatazz' was celebrated. Inter-Faculty/outside participation-- competitions were held.

Extra co-curricular activities like Teachers Day, Ratri before Navratri, Kite festival, Christmas-- were celebrated.

Student Placement

Number of students
placed after PG **24**
(2016-17)

Student Progression

PG to Others **4**

Best Practices

Innovative practice is inherent to the theoretical & practical work done by teachers and students. Various themes related to Communication & Media are taken up and creatively handled to manifest in Photography, Radio, Television, internet and other production formats. Newer technologies were introduced where students demonstrated their creativity in podcast and websites.

Conferences/Seminars Conducted

Lux Et Veritas 2017, a National Law Fest, was hosted by the Faculty of Law during March 3-5, 2017. The fest was comprised of four events - 6th Moot Court Competition, 5th Client Counseling Competition, 5th Legal Drafting Competition, and 1st Judgment Writing Competition.

·Summer Legal Workshop Season 3' Alumni Association of Faculty of law, 14th-20th May, 2016

Publications

Peer-reviewed Journals
4

e Journals
5

Number of
Ph.D. supervisors
02

Number of
Ph.D. students
07

Library Resources

Text books
16058

Journals
07

Reference Books
106

Extension and Student Activities

Marking the second year of the Mahila Sashaktikaran Pakhwadiyu Programme undertaken by the Government of Gujarat, an initiative to increase legal awareness of women was conducted across the state. Faculty of Law played the host

Faculty of Law hosted two eminent visitors from the California Western School of Law (CWSL), San Diego, United States of America. Niels B. Schaumann, President and Dean, CWSL; and Chinthana Konganda, Administrative Director, CWSL, conducted a talk for students of the faculty where they discussed the opportunity of pursuing legal studies with CWSL.

Student Placement

Number of students
placed after UG **277**
(2015-17)

Median
Salary (p.a.) **Rs.360000**

Student Progression

UG to PG **74**

Best Practices

The students participating in events/competitions submit a report highlighting the details of the competition/event, their performance, strengths and weaknesses.

Mahila Kanooni Shibir



California Western Law School Program



Lux et Veritas 2017



Awards and Recognitions

Faculty of Management Studies

Business school with best academic input (syllabus) in Human Resources, Dewang Mehta National Education Award.

Faculty of Management Studies

Outstanding B-school (West), National Education Award presented by ABP News

Faculty of Management Studies

Placed in **Super league A Category** in Pan-India B-School Survey 2017, Business Standard

Conferences/Seminars Conducted

Faculty of Management Studies in Association with E-Sell I.I.T. Kanpur organized two days Workshop on **Digital Marketing**

Business Simulation Game Competition - All India Management Association, Baroda Management Association, Office of Corporate Affairs, Faculty of Social Work and Faculty of Management Studies

Publications

Peer-reviewed Journals
12

Conference Proceedings
1

Number of Ph.D. supervisors
04

Number of Ph.D. students
06

Library Resources

Text books
13280

Journals
81

Reference Books
10700

Extension and student activities

Yuvantas - A short film making competition having three categories judged by a panel of eminent judges- Corporate: CSR activity, NGO: Their Activities, Students: Amateur videos on Social causes.

Student Placement

Number of
Organizations Visited **44**
(2016-17)

Number of
students participated **61**

Number of students
placed **53**
(2016-17)

Median
Salary (p.a.) **Rs. 460000**

Number of
Entrepreneurs **7**
(2016-17)

Best Practices

Significant numbers of guest lecturers are held by inviting industry experts to share practical knowledge with students which, in turn, help students to understand ground realities of the corporate world.

Rlys, govt to ink MoU for new facilities

TIMES NEWS NETWORK

Vadodara: Indian Railways (IR) will sign a MoU with Gujarat government on Wednesday for development of railway infrastructure in the state.

Union railway minister Suresh Prabhu will be the chief guest at the signing ceremony of the MoU while Gujarat's deputy chief minister Nitin Patel will grace the occasion.

Earlier, Gujarat chief minister Vijay Rupani was scheduled to be the chief guest at the function to be held at Sir Sayaji Nagargruh. Rupani's sudden visit to Vadodara af-

ter being appointed as chief minister however got cancelled on Tuesday.

During the function, a MoU will be signed between the National Academy of Indian Railways (NAIR) and MSU for starting a MBA programme at MSU campus.

After receiving a request from NAIR and railway ministry, MSU's Faculty of Management Studies has designed the MBA programme which will be offered to railway officers.

The programme will be offered to railway probationers for Indian Railways Accounts Services, Indian Rail-

ways Personnel Services and Indian Railways Stores Services.

A new sports complex at NAIR apart from two lifts for Vadodara and Ahmedabad railway stations will also be

MSU to offer MBA course for railway employees. New sports complex to come up at NAIR

inaugurated from here.

The two lifts worth Rs 83.60 lakh will have 20 passengers capacity each. At Vadodara railway station, the lift has been installed at plat-

form number one for the benefit of senior citizens and physically handicapped so that they can reach platform number two, three and six.

A 580 metres long pitline in which 26 coaches can be kept for washing will also be inaugurated along with a coach care centre which has come up at Pratapnagar.

The coach care centre constructed at the cost of Rs 10.77 crore will help in maintenance of coaches at Vadodara. One of the major advantage of this facility is that the centre has been used for maintenance of coaches for Vadodara-Bhilad Express which presently runs with 12 coaches.



MSU hosts student management games



Awards and Recognitions

Dr. Shobha Misra

Awarded Bouquets of Honour for FAIMER Fellowship, IAPSM News Bulletin

Dr. Shobha Misra

Pearl-A Foundation for Educational Excellence in Higher Education Institutions in India - SMART SUMMIT- 2016 at Madurai. Awarded, Excellence and Innovation in Medical Education.

Dr. Bansari Chawada

1st prize in oral presentation at National conference of IAPSM, held at GMERS, Gandhinagar, January 2016.

Dr. Kalpita Shringarpure

2nd prize in oral presentation at National conference of IAPSM held at GMERS, Gandhinagar, January 2016.

Dr. Kalpita Shringarpure

1st prize in Best poster presentation at National conference of IAPSM held at GMERS, Gandhinagar, January 2016

Dr. Kalpita Shringarpure

Received Dr C K Purohit award for best paper published in 2015, at National conference of IAPSM held at GMERS, Gandhinagar.

Conferences/CME/Seminars Organized

CME on **Approach to Pleural Effusion**

CME on Promoting use of "International Classification of Diseases (ICD- 10) for Morbidity & Mortality Coding. Sponsored by Bureau of Health Intelligence.

Conferences/CME/Seminars Organized

“Recent updates on Head & Neck Cancers” with Oncology Society of Vadodara

“Updates on management of Cancer of Cervix” with Oncology Society of Vadodara

Basic Emergency Obstetric and Newborn Care workshop for Medical Officers.

Facility based IMNCI training for Medical Officers and Nurses

CME on current cases by clinical meet by Association of Pediatricians of Vadodara

CME under RNTCP on “Overview and technical operational guidelines 2016 for control of Tuberculosis”

CME on “Bio-Medical Waste Management”

CME on “Ventilator associated Pneumonia”

EQAS Workshop for ICTCs, CHCs & Blood banks under SRL Baroda

LAPCON 2016 - Organized by Surgeon's Association of Baroda

CME on Ca. Breast Updates – Organized by Surgeon's Association of Baroda

Workshop on “Hands Training on Upper GI Endoscopy” for Post graduate residents of MD Medicine/ MS General Surgery.

CME on “Approach to Sleep Apnoea” by Dr. N. R. Prabhakar – Professor of Integrative Physiology- University of Chicago

Publications

Peer-reviewed
National Journals
31

Peer-reviewed
International Journals
32

Research Funding

Number of sponsored
Research Projects
12

Research funding through
sponsored Projects
Rs 16 Lakhs

Sponsoring agencies
UNICEF, INCLEN, NHRM

Number of
Ph.D. supervisors
30

Number of
Ph.D. students
06

Extension and Student Activities

PG Booster: Gender Equality - Be human, be considerate to woman

IMNCI and F-IMNCI training of Medical Officers and nursing staff in collaboration with SIHFW.

Non- Communicable Disease (NCD) training of DM and HT screening of Medical Officers

Vaccine and Cold- Chain Handler (VCCH) training of Pharmacist of Government Hospital.

Extension and Student Activities

Promoting use of “International Classification of Diseases (ICD- 10) for Morbidity & Mortality Coding”

PSM Department is actively involved in providing various trainings for the Govt. of Gujarat for various health cadres including Medical officers and paramedical staff like NVBDCP National Vector Borne Disease Control Programme, IYCF Infant and Young Child Feeding Practice, Adolescent Reproductive and Sexual Health, HIV/AIDS etc.

PSM Department is also actively coordinating Central Research Unit (CRU) of the College in providing training regarding research methodology to the faculties, review of research projects, guidance to the students for research activities.

Library Resources

Text books
12628

Journals
14505

Reference Books
25257

Best Practices

Best Practices in community engagement by National Health Programme implementation and monitoring.

Evaluation of students: Computerized blinding of students by coding and decoding through confidential Bar Code System.

Integrated teaching by Digital Podium, Pro-Digital Interactive Board; LCD Projectors; Overhead Projectors.

Awards and Recognitions

Prof. Ajay
Ashtaputre

Received National Award, 'Pandit Badri Maharaj
Ratna Alankaran - 2016' Lucknow, U.P.,

Conferences/Seminars Organized

Dept of Dramatics of Faculty of Performing Arts organized
workshop on 'Improve Theatre' with the help of German Artists.

'Lecture, Demonstration and on Experimental Music',
Faculty of Performing Arts,

Two Day International Seminar on
'Indian Performing Arts : Theorisation and Pedagogy'

Publications

Peer-reviewed
National Journals
25

Peer-reviewed
International Journals
10

Number of
Ph.D. supervisors
08

Number of
Ph.D. students
20

Library Resources

Text books
15408

Journals
08

Reference Books
3687

Student Placement

Number of students
placed after UG
(2015-17) **28**

Median
Salary (p.a.) **Rs. 270000**

Student Progression

UG to PG **46**

PG to Ph.D. **03**

Extension and Student Activities

·During the year faculty has performed a traditional form of Gujarat Bhavai for the social awareness programme as well as for environment protection.

Music awareness programme been performed by teachers and students at various segments of the society.

MANCHPARVA, Nritya Parva a National theatre festival organised for the connoisseur of the art.



Prof. Ajay Ashtaputre, Recipient of a National Award, 'Pandit Badri Maharaj Ratna Alankaran - 2016'

Faculty of Performing Arts
The Maharaja Sayajirao University of Baroda

INVITATION
"सयाजी स्वरभिक्षेक"

A monthly performance by Teachers of The Faculty of Performing Arts

Sitar & Shehnai:	Prof. A. S. Pathan & Shri Mukund Sant
Vocal:	Dr. Abhay Dubey
Tabla:	Ch. Jay Kulkarni
Dance - Jay Hind:	Dr. Anil Pandya (Choreographer)
Dance - Vande Mataram:	Ms. Jalpa Patel
Accompaniment:	Shri Bharat Mahant, Shri Laxmikant Gurav & Shri Deepak Solanki
Anchor:	Dr. Rahul Barodia

© Sharp 6.00 a.m. (Morning)
Thursday, 30th January, 2017.
Venue: Roof of M.S. University hostel club
Opp. Faculty of Performing Arts, Sursagar, Vadodara

Dr. Rajesh Kelkar	Prof. A.S. Pathan	Prof. A. V. Ashtaputre	Dr. Jagdish Gangani	Shri Prabhakar Dabkade
Head-Vocal	Convener & Head-Instrument	Dean & Head-Tabla	Head-Dance	Vice Dean & Head-Dramatics



Awards and Recognitions

Prof. A. N. Misra

Associate Editor in Drug Development and Industrial Pharmacy(DDIP)

Prof. A. N. Misra

Member, Subject Expert Committee, Directorate General of Health Services (DCGI), Ministry of Health, Govt of India.

H. Thakkar,
G. Nanda,
Z. Parikh

Best poster award in SERB sponsored national seminar on Bioavailability: an industry desire and regulatory constraints.

T. Pandya,
A. N. Misra,
R. Mashru.

First prize in poster presentation in International Conference (PHARMAiCON 2017) on "Translational Research in Drug Development and Drug Delivery"

Conferences/Seminars Organized

Prof. S.K.Banerjee memorial oration by Prof. M.R.Yadav on "Changing paradigms in drug discovery"

Ms. Kanan Mehta memorial lecture by Dr. Rajesh Parikh on "Technoentrepreneurship"

Publications

Peer-reviewed
International Journals
46

Peer-reviewed
National Journals
03

Research Funding

Number of Departmental
Research Projects
01
(UGC-DSA)

Funding through
Departmental Research Projects
Rs. 98 Lakhs

Number of
Major Research Projects
03
(DST-DAAD, BRNS, UGC)

Funding through
Major Research Projects
Rs. 49 Lakhs

Number of
Minor Research Projects
03
(GUJCOST, APICORE)

Funding through
Minor Research Projects
Rs. 8.5 Lakhs

Patents

Applied
02

Granted
01

Number of faculty members acting as experts/
resource persons/ chair persons
14

Collaborations

International
02

National
01

Number of
Ph.D. supervisors
07

Number of
Ph.D. students
40

Number of Ph.D. Scholars
with fellowship
28

Number of
Post-Doctoral Fellows
02

Student Support

The help of the research scholars is taken in order to support the students for preparation for GPAT

Number of students
clearing NIPER
06

Number of students
clearing GPAT
06

Number of students
clearing other exams
10

Student Placement

Number of students
placed after UG
(2016-17) **53**

Median
Salary (p.a.) **Rs. 280000**

Student Progression

UG to PG **18**

PG to Ph.D. **07**

Distinguished alumnus award



Prof. S. K. Banerjee Memorial Oration



Kanan Mehta Memorial Lecture



Self defence camp



First-aid training program



Conferences/Seminars Organized

Entrepreneurship for Scientist and Engineers in India, Department of Physics, Faculty of Science.

Structures and Chemistry of Materials, Department of Chemistry, Faculty of Science.

Advances in Molecular Biology', Faculty of Science, 6th Jan. 2017

Current Environmental issues, Department of Environmental Studies, Faculty of Science,

Special People in Science and Technology on National Science Day, Faculty of Science.

Omics to Structural Basis of Diseases (DRS sponsored National Symposium), Department of Biochemistry, Faculty of Science along with its Alumni Association

Conclave- 2017 & Science Exhibition on National Science Day, Faculty of Science, 3rd to 5th March 2017

Publications

Peer-reviewed
Journals
272

Conference
Proceedings
31

Books
10

Book Chapters
02

Research Funding

Number of Departmental
Research Projects
06
(DRS, DSA, FIST, CAS)

Funding through
Departmental
Research Projects
Rs. 7.21 Crores

Number of
Major Research Projects
84
(DST, BRNS, ICMR, APSI etc)

Funding through
Major Research Projects
Rs. 19.25 Crores

Number of
Minor Research Projects
18

Funding through
Minor Research Projects
Rs. 26 Lakhs

Revenue generated through
Consultancy
Rs. 25.5 Lakhs

Collabotations

International
30

National
40

Number of faculty members acting as experts/
resource persons/ chair persons
31

Number of
Ph.D. supervisors
105

Number of
Ph.D. students
160

Number of Ph.D. Scholars
with fellowship
146

Library Resources

Text books
11343

Journals
29

Reference Books
1148

Student Support

Three courses were conducted to help the students for UGC-CSIR NET for PG and Summer short course for UG students.

Placement cell facilitated visits of different organizations/industries for on-campus interviews. It also provided guidance for better job prospects and also for pursuing higher education.

Number of students
clearing NET/SLET
50

Number of students
clearing GATE
49

Number of students
clearing other exams
50

Student Placement

Number of students
placed after UG
(2016-17)

115

Median
Salary (p.a.)

Rs. 300000

Student Progression

UG to PG

350

PG to Ph.D.

38

Best Practices

Providing quality education with holistic approach – Regular incorporation of recent advancements in curriculum that include novel Foundation and Elective courses with emphasis on skill development, Exposure of TYBSc students to research activities, introducing PG students to the contemporary research by way of project work offers unique learning experience.

Promotion of State of Art Research – Focussing on thrust areas, providing start-up grant to newly recruited faculty, Providing university research fellowships, providing infrastructural support with high-end equipment and by recognizing research achievements of students and faculty.

MSU, Russia's INR join hands for nuclear research

TIMES NEWS NETWORK

Vadodara: The MS University's Department of Physics and Russia's Institute of Nuclear Research (INR) will jointly carry out a research project that will help develop high power and energy efficient nuclear reactors.

The project titled 'Fast neutrons as a probe for elemental analysis, nuclear reaction studies and cross section measurements' was recently sanctioned by the Department of Science and Technology and Russian Foundation for Basic Research.

The research carried out by professor N L Singh and professor S Mukherjee at Department of Physics will be carried out in association with the faculty members of Banaras Hindu University (BHU), Visva-Bharati, Santiniketan and Saha Institute of Nuclear Physics, Kolkata too.

"We will be working on acquiring nuclear data for fourth generation nuclear re-

The researchers will be working on acquiring nuclear data for fourth generation nuclear reactors. This will be useful to build new-age nuclear reactors with high power and efficiency

actors. It will be useful to develop new-age nuclear reactors for high power and energy efficiency. Based on the accumulated information, an experiment will be carried out in Dubna, Russia after six months," said Singh.

"The project will begin within three to four months. As of now, the duration for the project is of two years for which a sum of \$20,000 per year has been sanctioned. The amount will increase as the research work progresses," said Mukherjee. Impact of this project is to share expert manpower from both sides as well utilization of the facilities that will help in attaining better results, he said.

Masters students and research scholars of MSU will also be working on the project.

"This is a landmark project for our department. During the course of research, our students will also get an opportunity to work with INR," added Singh.

Faster electronic conversion of typed text

Students pursuing Bachelors in Computer Application from M S University's Faculty of Science have developed a mathematical approach that increases the speed of electronic conversion. This is the first time that they have worked on artificial intelligence tools. Using the mathematical approach of 2D template correlation, they have developed the software - optical character recognition (OCR) that will reduce the effort of typing. The approach used by Aarsh Sheth, Jinal Jasani and Rakesh Solanki also consumes less energy in comparison to other approaches. OCR is the electronic conversion of images of typed, handwritten or printed text into machine-encoded text, whether from a scanned document.



National Symposium
on
Omics .. to Structural Basis of Diseases
September 30-October 1, 2016
Organized by
DEPARTMENT OF BIOCHEMISTRY
FACULTY OF SCIENCE
Supported by:
UGC-DRS Department of Biochemistry &
Alumni Association of Biochemistry Department (ABCD)



MSUSPACE
Organizes
ISRO-SAC EXHIBITION
6th to 8th October 2016
Time: 9:00 am to 5:00 pm
CONTACT: 0261 8004 11291 Email: msuspace@msu.ac.in Website: msuspace.ac.in



Awards and Recognitions

Faculty of
Social
Work

The Central Government has selected the Faculty of Social Work for Establishing Dr Babasaheb Ambedkar Chair for primarily aiming for upliftment of weaker section of society.

Faculty of
Social
Work

Faculty of Social Work has secured a 5th Rank in the National Survey of 400 Faculties and Colleges in India University, South Africa. - "IGBC GREEN AWARDS 2016"-October, 2016

Prof. M. N.
Parmar

Leadership Award 2017

Mr. Hemang
Joshi

Received an appreciation from Prime Minister for his song 'Sanedo' on Swachhata Abhiyan.

Conferences/Seminars Organized

Use of Drawing to work with different class of people,
Faculty of Social Work, 18th Jan. 2017

Relearning Dr. B.R. Ambedkar's Thoughts and Ideology for
Reconstructing Contemporary Society

Child Guidance Clinic, Faculty of Social Work organised an event
cum competition 'Joy of Living' during 26th-30th Sept.

Publications

Peer-reviewed
Journals
08

Books
01

Research Funding

Number of Departmental
Research Projects
01
(MSJE)

Funding through
Departmental
Research Projects
Rs. 1.75 Crores

Number of Sponsored
Research Projects
07
(GOG, DPU, GACL etc)

Funding through
Sponsored Research Projects
Rs. 16 Lakhs

Revenue generated through
Consultancy Projects
Rs. 1.7 Lakhs

NSS Activities

Number of Participation
at University Level
1000

Number of Participation
at State Level
30

Number of Participation
at National Level
20

Number of Participation
at International Level
07

Number of
Ph.D. supervisors
07

Number of
Ph.D. students
18

Extension and Student Activities

Awareness Programme On Thalasemia, and Undergoing Thalesemia Test For Students in Collaboration With Indian Red Cross Society Ahmedabad and NSS.

Youth Week Celebration Celebration Of Swami Vivekanand Birth Anniversary as Youth Week Celebration for a Week Period.

Exchange Programme Students from University Of South Carolina, USA visited Faculty Of Social Work.

Celebration Of National Voter'S Day in Collaboration With NSS January 25, 2016.

A Week Long Initiative Kaushalya 2016 - Youth Festival was Organised By Student Association.

·International Women'S Day Celebration, Wherein a Talk on Blood Donation, HIV AIDS and Swatch Bharat was Organised.

Heritage walk In Collaboration with District CSR Cell, Collector Office and NSS.

HR Convention on The Theme "Changing Role Of Human Resources In Disruptive Business World"

Library Resources

Text books
15475

Journals
10

Student Support

Equal Opportunity Cell at the faculty is conducting remedial courses for the students coming from diverse background.

Number of students
clearing NET/SLET
6

Student Placement

Number of students
placed **80**

Median
Salary (p.a.) **Rs. 280000**

Best Practices

Periodic staff meeting to monitor the progress of the students and faculty development programs

100 % involvement of students in designing extra curricular activities from welcome programs to farewell programs at UG as well as PG Level




Shri Indubhai Shelat
Child Guidance Clinic
FACULTY OF SOCIAL WORK
THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

Address
Opp. Fatehgunj post office,
Vadodara - 390002

Phone:
0265-2791411
Email ID:
gchvmsu@gmail.com

Time:
11:00 am to 5:00pm (Mon-Fri)
11:00am to 2:00pm (Sat)




Shri Indubhai Shelat
Child Guidance Clinic
FACULTY OF SOCIAL WORK
THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA



OBJECTIVES OF YOUTH CAREER AND GUIDANCE CENTRE

- To provide self-enhancement for learning and career experiences.
- To gain necessary knowledge base to work suitably in their respective communities.
- To identify and unfold individual potential for growth and development.
- To provide life-skills training to youth.
- To help guide, support, youth in making career choice, resolve conflict, dilemmas and confusions related to life situation.

SERVICES PROVIDED BY THE YOUTH CAREER AND GUIDANCE CENTER

- Programme for life-skills so as to become better individuals.
- Conduct programs like soft skill development, entrepreneurship, citizenship behavior etc. to unfold youth potentials.
- Conduct personality development programs.
- Awareness creating programmes of all the rights and services available to them and that they know how to access them.

- Guide young people in reaching their own decisions and in finding the best options.
- Facilitate inter-generational linkages through dialogue.
- Conflict resolution and support during crisis situation.


WHO CAN APPROACH US?

Any young men or women who


- Need a friend to talk, share
- Like to Clarify doubts
- Need any information/Guidance related career choices.
- Feel stressed, tensed, angry or frustrated
- Wish to share joy, happiness.

CONTACT DETAILS

FACULTY OF SOCIAL WORK
OPPOSITE FATEHGUNJ POST OFFICE
VADODARA-390002, GUJARAT, INDIA.
Phone : 0265-2791411
Website : fswmsu.com
E-mail : dean_sw@msubaroda.ac.in



FACULTY OF SOCIAL WORK
THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA



PROF. M.D. VYAS
YOUTH CAREER AND GUIDANCE CENTRE
(UGC-DSA PHASE-III)

CAPACITY BUILDING PROGRAM FOR SOCIAL WORK EDUCATORS

The discipline of social work in the current year is quite recognized and known. It still needs to be known as compared to the other social science disciplines. The image of social work is distorted among the public. The onus of giving the correct understanding about the Social Work Education and Profession is on the Social Work Educators. They are the link between the educational institutions creating social work practitioners and the people in the field of practice. The promotion of social work education and practice will require quality human resource to take this responsibility of preparing practitioners. The training for creating a quality human resource is needed.

With the Mushrooming of Social Work Education Institutions in the State it has become imperative for a premier institute like the Faculty of Social Work at the M.S. University of Baroda to take a lead to enable Social Work Educators more particularly in the Western Region to mentor and guide future Social Work Education and its

Educators. The Faculty members academic and practice capabilities would enable in creating future Social Work Educators Empowered with Indigenous knowledge thus strengthening Social Work Profession and taking it to newer vistas, concurrent to the current demands.

OBJECTIVE OF THE PROGRAM

- To orient the person with the needs of the classroom teaching of different subjects from discipline
- To use knowledge from research and theory for integration in the field practice
- To understand the need for healthy teacher taught relation
- To be efficient and competent Professional.

CONTACT DETAILS

FACULTY OF SOCIAL WORK
OPPOSITE FATEHGUNJ POST OFFICE
VADODARA-390002, GUJARAT, INDIA.
Phone : 0265-2791411
Website : fswmsu.com
E-mail : dean_sw@msubaroda.ac.in



FACULTY OF SOCIAL WORK
THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA



SOCIAL WORK KNOWLEDGE CENTRE
(UGC-DSA PHASE-III)



Awards and Recognitions

Faculty of
Technology &
Engineering

76th in India in the NIRF ranking for Engineering Institutes. 4th in Gujarat

Faculty of
Technology &
Engineering

Best ICT Enabled Academic Institution of the Year. Global Industry and Academic Excellence Awards 2017 by G R Foundation and ASSOCHAM

Prof. C. N.
Murthy

Member Secretary, Gujarat SET,
Govt. of Gujarat

Dr. Anjali
Jivani

Innovation In Education Award BY HEF
(Higher Education Forum) & CKSVIM Business
School, Vadodara.

Mr. Swapnil
Mahajan

German Academic Exchange Service (DAAD)
Exchange Fellowship.

Conferences/Seminars Organized

National Workshop on **Advanced Applications of Geosynthetics in Civil Engineering Practice**, Applied Mechanics Department.

One Day National Level Workshop on **Bentley STAAD.Pro**
Organised by Applied Mechanics and Civil Engineering Department.

Engineering and Forensic Aspects of Structural Foundation
organized by IGS Baroda Chapter and Applied Mechanics Dept.
and Structural Engineers Association

Hands on Training of Advance Computer Fundamentals, Computer
Science and Engineering Department

Conferences/Seminars Organized

International Conference on **Advances in Computing, Communication and Informatics**, CSE Department

ICT Based STTP on **Interventions for Effective Industry-Institute Partnership**, CSE Department

One day National Level seminar on **Climate change adaption-issues and challenges**, Department of Civil Engineering.

One day National level workshop on **Ground Water Quality Issues & Perspectives**, Department of Civil Engineering.

META FIESTA Conference, Metallurgical Engineering Department

Seminar in **Recent Advances in Process Metallurgy**, Metallurgical Engineering Department

Publications

Peer-reviewed
Journals
164

Non Peer-reviewed
Journals
03

E-Journals
04

Conference
Proceedings
52

Books
08

Edited Chapters
03

Research Funding

Number of Departmental
Research Projects
03
(GOG, UGC-DRS)

Funding through
Departmental
Research Projects
Rs. 18.82 Crores

Number of
Major Research Projects
19
(DST, BRNS, ICMR, APSI etc)

Funding through
Major Research Projects
Rs. 4.27 Crores

Number of
Minor Research Projects
15

Funding through
Minor Research Projects
Rs. 35 Lakhs

Revenue generated through
Consultancy
Rs. 30 Lakhs

Number of
Ph.D. supervisors
80

Number of
Ph.D. students
113

Collabotations

International
13

National
15

Library Resources

Text books
76167

Journals
19697

Reference Books
30557

CDs and Videos
2391

Student Support

Teachers guide students in resolving their doubts related to competitive exams. (Especially GATE)

Departmental libraries are equipped with the latest literature for coaching for competitive exams like, GRE and GATE.

Number of students
clearing GATE
75

Number of students
clearing CAT
08

Number of students
clearing other exams
19

Student Placement

Number of students
placed after PG
(2016-17) **69**

Median
Salary (p.a.) **Rs. 350000**

Number of students
placed after UG
(2016-17) **322**

Median
Salary (p.a.) **Rs. 300000**

Inauguration of New Computer Lab



Paramarsh 16' team hosts Sanidhya in city schools

At a time, when there is an increase in crime rates, students of M S University are creating awareness regarding it among school children. Recently, the engineering students of the Faculty of Technology and Engineering (FTE) who are gearing up for Paramarsh 2016 that will be held for three days from September 23 had organized two campaigns namely 'The cyber forensics and Road Rage Awareness' as part of 'Sanidhya Awareness'.



for Society'. Seminar related to these topics were conducted in various schools of the city. Students were informed about various topics such as ATM spoofing, identification of fake accounts,

cybercrime laws, basic traffic rules and license procedure among others. "Experts from the fields enlightened students on various related issues," said Harsh Patel, a team member.

CAMPUS BUZZ

MSU prof develops new AP Index

TIMES NEWS NETWORK

Vadodara: Research scholars across the world have a reason to cheer with the increased scope of getting high rankings based on number of citations received.



Dr Arun Pratap of MSU University has developed Academic Performance (AP) Index, a mathematical formula that will identify the exact number of citation done during research.

AP-index overcomes the limitations of H-index introduced by Argentine American professor of physics Jorge Eduardo Hirsch. Till date, H-index is the most popular citation indicator used by research scholars.

"H-index does not take into consideration the number of citations beyond Hirsch core, which had a negative impact on the scoring of a researcher. Moreover, it also lacked in considering the number of citations within the limit of Hirsch core," said Pratap, whose paper on AP index, within and beyond Hirsch code has been published in the newsletter of International Society for Scientometrics and Informetrics. "The proposed AP-index will take into account all the papers cited by a research scholar," he said.

MSU's polymer lab modernized

TIMES NEWS NETWORK

Vadodara: Nearly 200 students every year at M S University will be able to pursue their passion for polymer science and technology at a state-of-the-art polymer laboratory.

SABIC, one of the world's largest diversified chemical companies, has executed extensive modernization of the laboratory.

The upgraded polymer science laboratory was on Friday unveiled during a function jointly inaugurated by SABIC's South Asia vice president Janardhanan Ramanujulu and MSU vice-chancellor professor Parimal Vyas. The laboratory is equipped with international-standard laboratory apparatus.

Its infrastructure has also been revamped by upgrading its electrical distribution system and replacing traditional lights with energy efficient LED lights.

The modernization of the polymer laboratory was aimed at creating a learning environment which would encourage



Students from graduate to PhD level will benefit from the lab

university students from graduate level to PhD level to participate in hands-on learning of polymer sciences.

"This is the culmination of our three year program to bridge the gap and transform the unit into a hi-tech laboratory," said Ramanujulu, adding that the company's expertise in polymers industry allowed it to evaluate needs and gaps of the polymer laboratory of MSU.

"This modernized laboratory will help equip students with practical knowledge and the skills set required in the industry," said Vyas.



Publications

Peer-reviewed
Journals
10

Books
02

Research Funding

Number of
Research Projects
05

Funding through
Research Projects
Rs. 1.8 Lakhs

Number of
Ph.D. supervisors
04

Number of
Ph.D. students
05

Library Resources

Text books
7250

Reference Books
2100

Best Practices

The College organizes programs for the propagation of Sanskrit language and literature.

Awards and Recognitions

Dr. Heena
Upadhyaya

Best paper award in technical session under
theme eradicate extreme poverty in hunger.
International Seminar on Contemporary Issues in
Development

Publications

Peer-reviewed
Journals
04

Book Chapters
04

Research Funding

Number of
Research Projects
01

Funding through
Research Projects
Rs. 12 Lakhs

Number of
Ph.D. supervisors
07

Number of
Ph.D. students
05

Library Resources

Text books
16599

Journals
04

Publications

Peer-reviewed
Journals
07

Books
01

Research Funding

Number of
Research Projects
01

Funding through
Research Projects
Rs. 0.7 Lakhs

Library Resources

Text books
44246

Reference Books
615

Journals
4721

CD and Audio
348

Student Placement

Number of organizations
visited the campus
33

Number of students placed
after Diploma
143

Median
Salary (p.a.)

Rs. 200000

All India & Central Service Training Centre

Number of students
84

Number of students clearing
Civil Services Exam
01

Centre for Lifelong Learning and Extension

Exhibition cum sale was organized by the students of the Jewelry Designing and Creative Arts courses

Workshop on "Block Printing was conducted for the students of the Fashion Designing course

Workshop on 'Khatla Work [Embroidery]' was conducted for the students of the Fashion Designing course

Workshop on Jewelry Making was conducted for students of the Fashion Designing course,

Workshop on puppets ,mobiles, posters , teaching aids, songs and stories was conducted.

Workshop on 'Training for Sweepers and Cleaners'

Computer Centre

During year 2016-17, CCC examinations of more than 10,000 candidates has been conducted successfully.

Hostel Admission Software – registration, online fee collection and room allocation to 13 blocks for 4000 students

Annual Report Management System (ARMS), Centralized Repository Software for maintaining all academic activities of teachers.

University Health Centre

Free eye check-up by Eye-Q Super Speciality - **125** beneficiaries.

Diagnostic Thyroid Camp (undertaken with sponsorship from M/S. Abbott Pharmaceuticals) - **236** beneficiaries.

Immunization services
130 beneficiaries.

Laboratory Investigations
18865

Number of Consultant Visits
767

Number of Patients treated
30853

University Publications and Sales Unit

Published Journal of the Maharaja Sayajirao University of Baroda
Volume-51

Published Mahabharatna Goodh Rahasyo (Shri Sayaji Sahityamala)

Office of International Affairs

Selected as a partner in the European Union Erasmus Plus Key 107 coordinated by UPV, Spain.

Organized an International Exchange Students meet and hosted a two member delegation from the German Research Foundation.

MoU with INSA The Institute National des Sciences Appliquees de Rouen Paris, France.

MoU-Erasmus Plus Key 107, Spain.

MoU with Sumy State University, Ukraine.

Number of Incoming
exchange students **08**

Number of Outgoing
exchange students **09**

Number of Incoming
Faculty Members **03**

Number of Outgoing
Faculty Members **01**

Indira Gandhi National Open University

Number of Students
2500

Number of Staff members
20

Office of Corporate Affairs

OCA hosted Piramal Foundation (Gandhi Fellowship Program) and conducted a Pre-Placement talk at Faculty of Social Work, Faculty of Law, Faculty of Science & Faculty of Journalism & Communication.

Workshop on “8 Habits of Highly Successful Business Leaders” by renowned corporate trainer Mr. G.P. Namdeo for University students. Around 180 final year graduate/post graduate students representing twelve departments of nine faculties participated in the program in the year 2017.

OCA was represented at the Switch Global Expo – 2016, one of the largest electrical expos in the country. As part of the Expo, OCA had taken a lead in putting up a stall at the venue wherein the programs of the entire University was displayed.

Institute of Leadership & Governance

Training and trans-disciplinary research in different aspects of leadership as well as on studies on good governance structures, practices and processes

Academically support the country's efforts to move ahead in the comity of nations as a powerful, peaceful, distinctive and prosperous country.

Equal Opportunity Cell

Orientation to Fresher's of MSW MHRM BSW & IRPM Programme on UGC guidelines Prevention of Ragging.

Remedial Coaching Classes for Core Subjects, Spoken English and Computer Skills

Awareness and Sensitization Programmes for Differently Abled Students the University.

Creation dissemination of Resource Material for specially abled stakeholders.

Organised Capsule Course for Spoken English for the JR MSW Students.

Dr. Vikram Sarabhai Institute of Cell & Molecular Biology

Integral teaching and interdisciplinary research in life sciences.

Established with support from Department of Biotechnology (DBT), Govt. of India and Govt. of Gujarat to provide basic knowledge for facilitating interdisciplinary research and education approach and encouraging specialization in frontier areas of modern biology.

The central instrumentation facility has core Cell biology wing, Molecular biology wing, proteomics and analytical wing with installed sophisticated instruments like FACS, Confocal microscope, ultracentrifuge, 2D gel electrophoresis, real time PCR etc.

Scientists/ visiting faculties come from other national and international biological centers like NCBS-TIFR, IISERs, India, University of Laval, Canada, University of Tennessee, USA, University of Sunny Buffalo, USA etc.



Storytelling club in the city

In an attempt to revive the legacy of storytelling, Baroda Beat in association with M S University's Institute of Leadership and Governance have begun a storytelling club in the city. The club that came into action recently witnessed enthusiastic participation from people of all age groups in the city. The aim behind beginning the club is to develop a stage for direct interaction. "It is an open club for people to share their experiences. It is a platform to get motivated and inspire others to learn from one's own mistakes," said a co-founder of the club, Khush Brahmhat.



Gujarat's First Kalam Youth Conclave

KALAM YOUTH CONCLAVE

Srijan Pal Singh
Kalam Centre
How to Create a liveable Planet

Jijar Inamdar
Hon. Exe. Director, ILG
Youth and Sustainability

Krishnkant Unadkat
Magazine Editor,
Divya Bhaskar
Media and Sustainability

Vikas Chawda
Founder & CEO of Quantum Leap
Innovation and Sustainability

Rohan Lele
GM(HEAD) HR
Life Lessons From Kalam

Vishwas Jambu
Business Coach
Entrepreneurs And
Sustainability

Smit Pandya
Standup Comedian And Actor
Sustainable Comedian

Date: 23rd October 2016
Time: 9:00 am to 3:30 pm

Venue:
Deep Auditorium, BBA Building Pratapsinhrao Parisar
The Maharaja Sayajirao University, Fatehgunj Vadodara

For Participation
Institute of Leadership & Governance,
First Floor, Faculty of Management Studies
Near Fatehgunj Overbridge, Vadodara
Email Us On: kycgujarat2016@gmail.com
Contact No: 9099303911/9723497412

Follow Us On    

Various Seminars at oriental Institute



National Seminar on Contribution of M. R. Kavi to Manuscript Studies held on 26th March 2017



National Seminar on Manuscript Studies in India: Problems & Prospects held on 18-19 January 2017



National Seminar on Manuscript Studies in India: Problems & Prospects held on 18-19 January 2017

Department of Physical Education

MSU Pavilion
65000m² Area

Indoor and Outdoor
Facilities

Number of Research Projects
01

Funding through
Research Projects
Rs. 0.5 Lakhs

Halls of Residence

Number of Hostels
16
(4 girls hostels+12 boys hotels)

Capacity
4300

Sweeper training program was organized in co-ordination with Center for Life Long Learning and Extension

Cloth Distribution to needy people in winters to avoid even a single death due to cold were organized by MA Hall.

'Value Education Program' organized by ISKCON youth Forum, Bhaktivedanta Academy for culture and Education.

Lecture was organized by Yuva Kendra on religion and scientific approach in human life.

Musical event organized by Performing arts students under Saturday session

Major Development in Hostel

Metal Chairs in
common rooms

Smart LED TVs in
common rooms

Repairing & painting
of tables and cots

Rewiring with latest
Safety provisions

Replacement of
Ceiling Fans

Renovation of
Washrooms

National Cadet Corps

Award of Best Associate NCC Officer (Male) Gujarat Directorate Baroda Group.

Enrolment
160

Number of National Level
Camps Attended
02

Number of State Level
Camps Attended
08

Number of Social Activities
08

Number of Medallions/
Certificate of Appreciations
04

Medals for Best Cadet
07

National Service Scheme

1000 volunteers from across the faculties

Tiranga Yatra and Independence day celebration

Debate and Drawing Competition

Swachh Bharat fortnight

Voters' Youth Festival

Celebration of Good Governance Day

National Youth Day Celebration

Rally on leprosy awareness and Conduction of Thalassemia Test

Nutrition week celebrations and Rural Camps

Smt. Hansa Mehta Library is identified as a Document Delivery Centre with 22 Universities from among 700+ Universities in the country to provide Inter Library Loan service (ILL) and is ranked 6th in the country.

Ranked 7th(only University Library) in top ten **must visit libraries** in India in a survey by India Today. (2016)

Signed MOU with INFLIBNET for the “Shodhganga” project in 2012. Till date we have uploaded all **3466** theses on Shodhganga and is ranked 8th (2016) among contributing Universities in the country and have access to 1,15,000+ E Theses of contributing Indian Universities.

A one day User awareness programme on SciFinder for Students and Faculty members.

User awareness programme on SIAM resources was organized at Department of Mathematics, Faculty of Science.

Smt.Hansa Mehta Library organized Library Orientation Programs, in July (beginning of academic year).

Support for plagiarism check is provided from the Library as University Librarian is University Coordinator for URKUND software.

Institutional Repository developed for exploring the Scholarly Publications of MSU faculty and activated on Library Website.

Open Knowledge Gateway (OKG) provides platform to the researchers, faculty and students of MSU to access the free academic resources available on internet without geographical limitations. Team @ HML organized all these resources/links and put it together on the platform of OKG. Many free e-resources are accessible through OKG.

Is respected among Sanskrit scholars all over the world because of its Collection of invaluable manuscripts in Sanskrit language (**30295**), outstanding publications of Gaekwad's Oriental Series (**187** books are published so far), Critical Editions and Research Journals - Journal of Oriental Institute (in English) and Svadhyaya (in Gujarati) and Its Oriental Library which deposits many rare and extinct elsewhere publications in its collection.

Conferences/Seminars Organized

Symposium On Maharaja Sayajirao Gaekwad Iii and Vatapatrak

National Seminar on Manuscript Studies In India:
Problems & Prospects

Seminar on Contribution of M.R. Kavi To Manuscript Studies

National Seminar On Revisiting The Principles Of Timeless Classics

Publications

Books
05

Book Chapters
10

Research Funding

Number of
Research Projects
01

Funding through
Research Projects
Rs. 11.8 Lakhs

Number of
Ph.D. supervisors
02

Number of
Ph.D. students
04



WSRC acts as a link between academicians, activists, government functionaries, NGO personnel and media persons to mainstream women's and gender issues in the society.

Sessions on 'Gender Sensitization and Prevention Of Sexual Harassment' for students of the UNiversity.

Short Certificate Course On 'Gender and Media'

Part-Time Certificate Course on Women'S Studies: Interdisciplinary Perspectives' (6 Weeks) (3 Credit)

Conference On 'Women Empowerment'

Workshop on 'Hands-On Training for Effective Communication' for Students

Panel Discussion And Selfie Contest On 'Expressions: Me And My Selfie'

Samvad on 'In Conversation With My Mother'S Daughter: A Personal Journey Of Discoveries'

Symposium On 'Politics Of Embodiment'



Republic Day Parade Camp



Rural Camp



Republic Day Commemoration Run



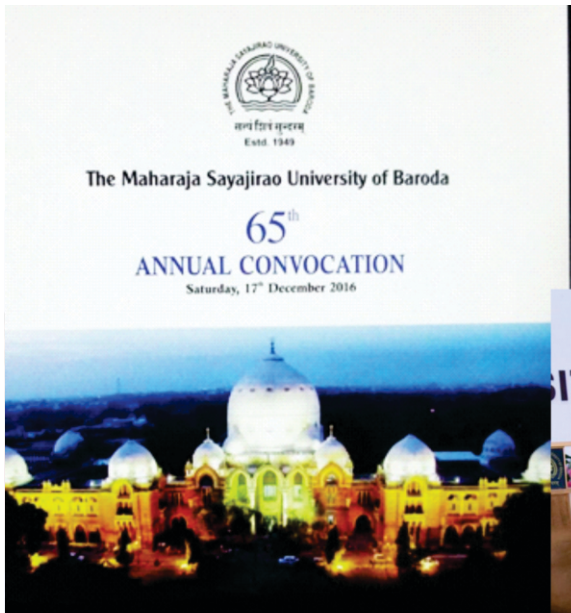
Swachchh Bharat Abhiyan



Swachchh Bharat Abhiyan




65th Annual Convocation 17th December 2016



100 Years of Visualizing Molecules: Noble Laureate Professor Venkatraman Ramakrishnan (MSU Alumni)

The Maharaja Sayajirao University of Baroda
"A" Grade Re-accredited by NAAC

 **Nobel Prize Series
India 2017**

You are cordially invited to a lecture by
VENKATRAMAN RAMAKRISHNAN
Eminent Scientist,
Alumnus of The Maharaja Sayajirao University of Baroda
and
Noble Laureate in Chemistry 2009
on
"100 years of Visualizing Molecules"
(PART - B)

Date & Time:
January 11th 2017, Wednesday at 4.00 P.M.

Venue:
Prof. C. C. Mehta Auditorium
The Maharaja Sayajirao University of Baroda

Prof. Parimal Vyas Vice Chancellor	Dr. Neerja Jaiswal Registrar (OSD)	Prof. A. C. Sharma Dean, Faculty of Science
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Established
in
1949

49
Faculties, Cells
Institutes
and centers

275 Acres
Campus
Area

378
courses
offered

39424
Students
Enrolled
(2016-17)

1250
Faculty
Members

628
Research
publications in
peer reviewed
journals (2016-17)

2.60
Average
Impact Factor*
(2016-17)

74
h-index*

1616
i10-index*

54
projects/grants
(2016-17)

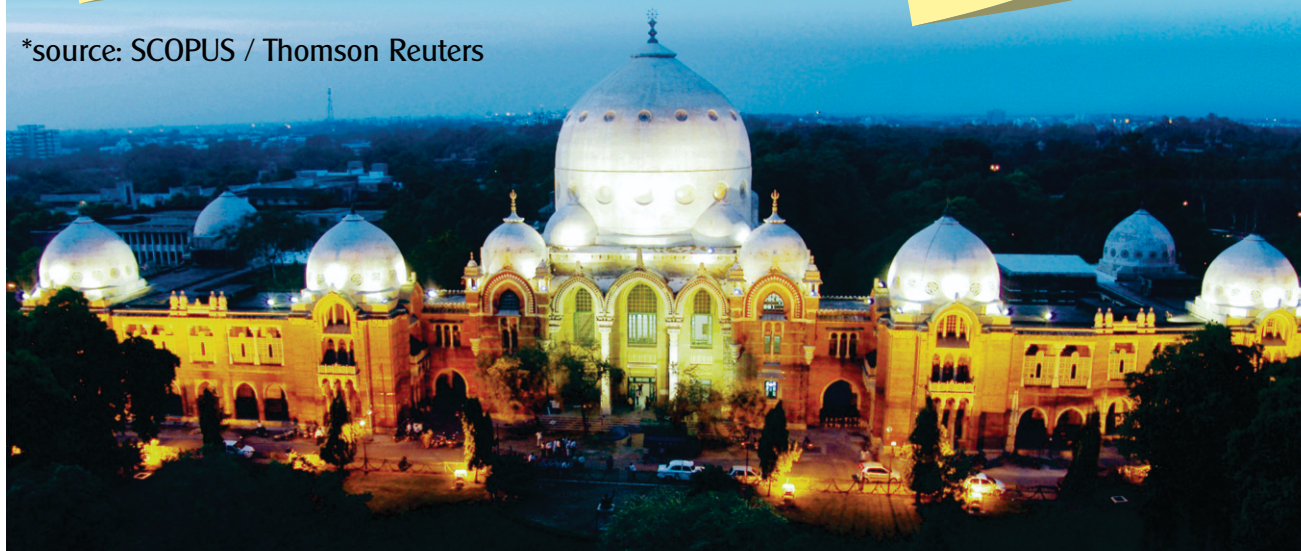
₹16 crores
Fund mobilized
in projects/grants
(2016-17)

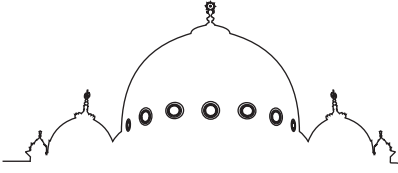
50
Research Projects
by Individual
Faculty Members
(2015-16)

14
Libraries

8.71 lakhs
Books in
the libraries

*source: SCOPUS / Thomson Reuters





मनुष्य तू बडा महान् है

धरती की शान तू भारत की सन्तान
तेरी मुठ्ठियों में बन्द तूफान है रे
मनुष्य तू बडा महान है भूल मत
मनुष्य तू बडा महान् है ॥८॥
तू जो चाहे पर्वत पहाड़ों को फोड दे
तू जो चाहे नदीयों के मुख को भी मोड दे
तू जो चाहे माटी से अमृत निचोड दे
तू जो चाहे धरती को अम्बर से जोड दे
अमर तेरे प्राण ---२ मिला तुझको वरदान
तेरी आत्मा में स्वयम् भगवान है रे ॥९॥

---मनुष्य तू बडा महान है
नयनो से ज्वाल तेरी गती में भूचाल
तेरी छाती में छूपा महाकाल है
पृथ्वी के लाल तेरा हिमगिरी सा भाल
तेरी भृकुटी में तान्डव का ताल है
निज को तू जान ---२ जरा शक्ती पहचान
तेरी वाणी में युग का आव्हान है रे ॥१०॥

---मनुष्य तू बडा महान् है
धरती सा धीर तू है अग्नि सा वीर
तू जो चाहे तो काल को भी थाम ले
पार्ष्णीका प्रलय रुके पशुता का शीश झुके
तू जो अगर हिम्मत से काम ले
गुरु सा मतिमान् ---२ पवन सा तू गतिमान
तेरी नभ से भी उंची उडान है रे ॥११॥
---मनुष्य तू बडा महान है

- वसंत तेरैया



महाराजा सयाजीराव विश्वविद्यालय गीत

अमे वडोदराना विद्यापीठनां सपनां सारवनारा
अमे ज्योत जलावी सृष्टि नवली सहसा सर्जनहारा.

अमे गगनकुसुम कर धरनारा
अमे मगन मगन थई फरनारा
अगनबाथ अमे भरनारा
अमे दैन्यतिमिरने हरनारा.

श्री सयाजी विद्यापीठना ज्ञानदीपने धरनारा
सत्यं शिवं सुन्दरम् नो मंत्र अनंतर भणनारा.

श्री सयाजी विद्यापीठना



Note: Scan this code to browse
complete Annual Report 2016-17

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