

71st Annual Report

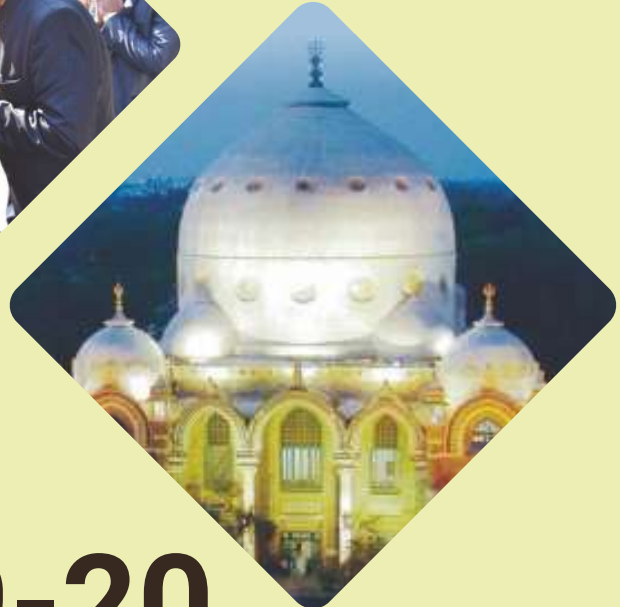
At a Glance



National Webinar on
Re-Imagining Indian Universities
in the Context of
National Education Policy (NEP) 2020



28 August 2020
11:00 A.M. onwards



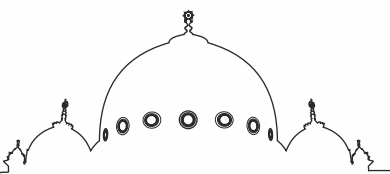
2019-20



The Maharaja Sayajirao University of Baroda

Accredited Grade "A" by NAAC

<https://www.msubaroda.ac.in>



Vision

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

- ➡ Promoting and enhancing high standards of teaching, learning and research for an 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



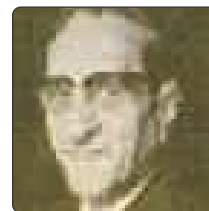
Dr. Jyotindra Mehta
30-04-1958 to 29-04-1964

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 (MSUB) 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 academic excellence – a commitment that forms a part of the rich legacy of the institution.

Educational institutions which preceded the Maharaja Sayajirao University of Baroda 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 “Kalabhavan”. 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 set up the University.

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 275 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 44,000 students pursue higher studies under the care and supervision of more than 1450 highly qualified and experienced teaching staff.

The University has 16 Hostels, Health Centre, Sports Union Pavilion, Convocation Ground, Printing Press and Stationery Unit, Guest House as well as other academic and administrative units spread across the campus. Besides these, 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 Archaeological Museum having collection of Harappan Unicorn Seals, Holy relics of Lord Buddha, Toraman, terracotta Buddha images etc. The University has an observatory for Astronomy set up in the year 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 Degrees and Diplomas as well as Ph.D., with Choice Based Credit System (CBCS) for UG & PG students enabling them to select value added subjects of their interest, other than Grants-in-Aid academic programmes. The University also offers innovative Science and Technology programmes 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.

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. The All India and Central Services Training Center conducts classes for preparation of UPSC, State PSC and Staff Selection Commission pattern examination and provide guidance for exams like NDA, CDS, IB, SHO, Police, RBI and other banks.

Smt. Hansa Mehta Library is the Central Library in addition to 13 constituent libraries and 25 Departmental libraries with over 8 lakh books/periodicals and above 14000 digitized Dissertations/Theses. It has the single largest air-conditioned reading room which can accommodate about 1600 readers at a time, and the library is open to the readers 14 hours a day.

The MSU has one of the largest Hostel Campuses in western India with 12 Boys' and 4 Girls' Hostels with all modern amenities. Hostel admission is an online process from application to allotment of room to the students. The University Health Centre provides routine medical treatment to the students and staff of the University and has a physiotherapy unit, a Pathology Laboratory and Marg Counselling Centre. The University has a magnificent union pavilion overlooking a large ground 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 under MOU with MKCL and has adopted Online Admission Application System and all faculties are brought under MSU Examination Portal (MEP) system.

Career and Counselling Center and Placement Cell looks after the placement and also imparts training to students 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 of placement on and off campus. The Directorate of Students' Welfare disburses scholarships to the students belonging to economically weaker sections.

An Incubation Centre and Start Up Centre has been set up at the campus to encourage the spirit of innovation that provides a platform to the youth for exploration and implementation of innovative ideas and their conversion into start-up ventures. Academic, Social and Technical Events, to name few - Prerna, Paramarsh, Footprints, BBA Baazigar, Cyberia and Yuvaantas are initiatives exclusively planned and managed by the students. Office of Alumni Affairs' of the University compiles information about various alumni associations, initiates monthly interactive sessions, coordinates for Reunions, collects details of eminent alumni, Alumni Registrations and such other activities. Xplore MSU – A Heritage Walk gained interest amongst large public. Institute of Leadership and Governance primarily focuses on training and trans-disciplinary aspects of leadership and on good studies of Governance structures, practices and processes which are highly essential today.



अलसस्य कुतो विद्या अविद्यस्य कुतो धनम् ।

अधनस्य कुतो मित्रममित्रस्य कुतः सुखम् ॥

(आलसी को विद्या कहाँ, अनपढ़/ मूर्ख को धन कहाँ |

निर्धन को मित्र कहाँ और अमित्र को सुख कहाँ||)

A lazy person can never acquire knowledge or a Skill, and such a foolish person can never acquire wealth and remains poor.

A poor person has no friends and how can such a person remain happy in his life?

Taking inspiration from the above subhasita and the ancient Indian scriptures, there is no doubt in the fact that education is the only means to reach to excellence. There is no point in being lazy or procrastinating things which can be accomplished today. Procrastination only delays the progress. What good shall it be for a person to be of high social stature but devoid of education? Education should be so revolutionized as to answer the wants of the poorest villager, instead of answering those of an imperial exploiter. It is very correctly thought that education to a person is what fragrance is to flowers. With this conviction in the power of education and hard work, and the zeal to be fragrant among other prestigious educational institutes, we began working afresh on this year's Annual Report for the year 2019 - 2020.

The preparation and presentation of the Annual Report of the Maharaja Sayajirao University of Baroda (MSUB) is the resultant outcome of critical reviews and reflections on Academic, Research, Extension, Curricular, Co-Curricular as well as Social Outreach, and various other developmental activities of the university. It gives me great pleasure to present before all the stakeholders 71st Annual Report of the Maharaja Sayajirao University of Baroda, for the academic year 2019 - 2020, which has been prepared under a thoroughly revamped format with various innovative features. It highlights the important developments & significant achievements of the 14 Faculties along with 03 Constituent Colleges, 111 Departments, 07 Centers, 02 Institutes, 14 Constituent Libraries, 16 Hostels, Health Centre, Sports Pavilion, 05 Multi-purpose Auditorium, 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, to foster the concept of "Digital India", the entire data for the Annual Report has been collected and compiled online under indigenously developed software called as Annual Report Management System (ARMS). The MSUB has made substantial progress over the past one academic year.

The Maharaja Sayajirao University of Baroda was placed in the Band 100-150 in the 2019 NIRF Ranking of Indian Universities. Our University was also placed in the Band 150-200 in the Overall Category, which includes Universities and Institutes. We are happy to share that with all of you that the MSUB

also featured in the Times Higher Education (THE) World University Rankings too this year too like the past three years since 2016. From India, this year only 56 Universities/Institutes could make into this ranking list and the MSUB was the only university from the State of Gujarat to sustain its rank in this global ranking category. We are also ranked at the 4th place in India in the Female to Male student ratio (55:45) in the aforesaid released rankings. The MSUB also featured in the QS Asian and BRICS University Rankings in the year 2018-2019. The Maharaja Sayajirao University of Baroda was Placed at the 37th Rank in India by the Survey of Multi-Disciplinary Universities conducted by Week-Hansa Research (2018-19). The MSUB was also placed at the 28th Rank in the survey carried out by Outlook-ICARE India University Rankings 2019.

It is our continual attempt to keep on improving the quality of research and higher education to place the MSUB among the top ranked leading universities nationally and globally. Our university is renowned academic institution of learning and education striving to achieve excellence in academic, research and extension activities. Considering the academic stature of the University, the University Grants Commission, New Delhi has allotted a grant of 24 Crores for the XII Plan period. The total worth of the Research Projects sanctioned to The Maharaja Sayajirao University of Baroda in the year 2019 - 2020 was of Rs. 28.67 Crores. In the same duration, the university received the first installment of PURSE (Phase-II) Scheme and now we are gearing up to receive the Grants for the second year. There are total number of ongoing 84 Research Projects in progress including Central Projects and Other Sponsored Projects, with a receipt of financial assistance of over Rs. 40 Crores. During the time period of 2015-2019, the Maharaja Sayajirao University of Baroda has mobilized funding of more than Rs. 130 Crores including Rupees 20 Crores allotted to us under the RUSA Grants along with receipt of total funding of Rupees 110 Crores from the Education Department, Government of Gujarat for infrastructural work of repairs, renovations and construction of new buildings towards infrastructural development in the university. We were also able to get sanction of the Government of Gujarat for filling up of 682 vacant Teaching Posts.

Research and Consultancy Cell as well as Institute of Interdisciplinary Studies were set up by the University to promote collaboration between academia, research institutes, industries & corporates. Our faculty members executed 57 consultancy projects or other individual consultancies work sponsored by various funding agencies approximately worth Rs. 3.63 Crores in 2019-2020 (up from Rs. 2.2 Crores in 2018 - 19).

Within a very short span, our university has achieved active academic collaborations and partnerships with some of the reputed top ranked academic institutions and universities around the world. During the year 2019 - 2020, the MSUB has signed 39 MoUs with National Institutes/Agencies and 09 MoUs with International Institutes/Agencies. Significant International MoUs includes those with Montfort University Leicester UK, R2STOP Research Funding Agreement (RFA) effect-Hope (The Leprosy Mission Canada), University of Durham UK, Australian National University, Nutrition International (Micronutrient Initiative), Ottawa Canada.

Other significant national MoUs include those with Indian Institute of Public Health, Gandhinagar, National Digital Library of India, Kharagpur, Larsen & Toubro, Tata Consultancy Services, Entrepreneurship Development Institute of India (EDI) Ahmedabad, National Mission for Manuscripts, CSIR-Central Salt & Marine Chemicals, Research Institute (CSIR-CSMCRI) Bhavnagar, Department of Biotechnology, National Academy of Indian Railways (NAIR), United Nations Children's Fund, Bhaskar Acharya Institute of Space Applications & Geo-informatics (BISAG). Staff members of the University also has collaboration with many universities around the world including Cambridge, Laval, Stuttgart, Cornell, Kieo, Durham and Leicester. The MSUB also has academic collaborations with National Institutes/Universities like IITs, IISERs, IISc, NCBS, NCL, TIFR, BARC, RRCAT, PRL, IPR etc.

We have made our Smt. Hansa Mehta Library Centrally Air Conditioned for students and users in the year 2015. The University Grants Commission (UGC), New Delhi has also sanctioned grant of Rs 1 Crore for developing Sports Infrastructure and Equipment Scheme to build Gymnasium for promoting sports activities for our students and staff of the university. The University has also established the Institute of Policy Research and International Studies in the name of one of the most beloved Prime Ministers of the country, Bharat Ratna Shri Atal Bihari Vajpayee ji.

The Maharaja Sayajirao University of Baroda, this year, celebrated 150th birth anniversary of Mahatma Gandhi, as part of this celebration, various programmes related to swachhata and safai were organized by the various faculties in university & communities.

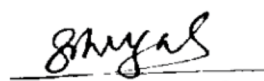
The MSUB has also reorganized Syllabi of most of the academic programs being offered based on Learning Outcomes, including Program Specific Outcomes and Course Outcomes which would lead to an improved Teaching-Learning Process to better enable the students to understand the course content. The MSUB is also in the process of allowing MOOCs as a part of the Curriculum and providing weighted Credit to the student for Courses taken through such platforms and transferring the Academic Credit in Final Grade Sheet. Our university is also focusing upon offering of Twinning Programs especially with foreign Institutions.

The MSUB has been progressively moving towards becoming a Centre of Excellence in the field of higher education thereby proving to be a model University to other universities not only in the State or the country but on the global front as well. The MSUB has also participated actively during National Education Policy 2020 and we have organized more than 100 webinars to create awareness deliberations and preparation of 'Road Map for Implementation of the NEP 2020' in our university w.e.f. academic 2019-2020. The Covid-19 has affected all of us, still our university has initiated cent percent online teaching and online examinations to benefit and support continual education for our students.

To conclude, successful functioning of a higher education institution requires continuous and sustained efforts from all the stakeholders including students, teaching and non-teaching staff, academic and administrative bodies. support is also required from employers of graduating students, peers, and society and above all from the State and Central Governments.

I would like to express special thanks to our beloved Hon'ble Chancellor, Rajmata Shubhangini Devi Gaekwad, for her continuous 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 for their valuable support, contribution and commitment to help the university in achieving its set goals and realizing our vision and mission statements of the university.

We also convey greetings and word of high appreciation to the Convener and entire team of the Annual Report Preparation Committee, Director IQAC, Development Officer - GCU section for their relentless efforts for improving the quality and contents of the Annual Report for the year 2019 - 2020.



Professor Parimal H Vyas
Vice-Chancellor
The Maharaja Sayajirao University of Baroda
Vadodara (Gujarat) India.



क्षणशः कणशश्चैव विद्यामर्थं च चिन्तयेत् |

क्षणत्यागे कुतो विद्या कणत्यागे कुतो धनम् ||

Kshanashah kanakashchaiva vidyaamartham cha chintayet.

Kshanatyaage kuto vidyaa kanatyaage kuto dhanam.

(A student while pursuing education should contemplate to gainfully utilize every single moment of his/her time and an entrepreneur while pursuing acquisition of wealth should take care of even the smallest unit of money, because by sacrificing valuable time and small sums of money there are no chances of becoming learned and acquire wealth.)

It is my privilege to share some thoughts as the Convener of the 71st Annual Report of The Maharaja Sayajirao University of Baroda. It is my profound joy to be associated with the Annual Report Committee in capacity of the Convener as it keeps me updated with all the latest additions to the University's functioning.

This year, the Annual Report preparation was a bit different than usual. It took a lot of contemplation on the end of the team to figure out the methodology of compilation of the report. The academic year 2019-2020 was indeed very challenging as most of the year was spent under lockdown. I thought it worthwhile to reflect over the purpose for all this hard work and how it can 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 71st Annual Report. The Annual Report, this year, highlights some of the prominent research and academic achievements, along with the other major administrative reforms and educational activities carried out during the year 2019-2020. It provides an opportunity to reflect on the significance of academic research, educational achievements and effective governance and the contribution that The Maharaja Sayajirao University of Baroda makes in assisting the city's transformation into a knowledgebase. The Maharaja Sayajirao University of Baroda has always taken initiatives in the field of teaching and research and has been in the limelight in the 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.

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 in huge 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 regional, national and international online 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 2019-20, 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, and we have made an effort in collecting entire information for Annual Report online (ARMS) 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. We have also made very important progress in the area of Alumni Cell with special emphasis on Alumni activities and their online registrations. We also, continuously, keep on organizing intramural and extramural activities through various faculties and departments. National Service Scheme (NSS), NCC, Physical Education and various academic cells and institutions have incessantly worked for the benefit and overall development of the students, throughout the year. This year, owing to the Coronavirus Pandemic, the university undertook the mammoth task of

conducting online examinations for the final year students online. This was a great achievement for the university and it also showed our firm belief in the power of technology and digitalisation.

The students showed their inclination towards research and innovation, which is very well evident from number of doctoral degrees awarded during the year 2019-2020. 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. To meet the industrial requirements, the students have also been trained accordingly leading 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 and corporate in and around the city of Vadodara as well as the state of Gujarat and the national level.

The University has taken a great initiative in the field of higher education and actively participated in promoting National Education Policy and has organized number of programs to create awareness about new education policy. We acknowledge the efforts and hard work of our staff members for making this University a Centre of Excellence. The university is also committed to work for the upliftment of nearby community by adopting number of villages. Series of rural development & awareness programs were arranged as a part of Unnat Bharat Abhiyam.

The Hansa Mehta Library of The Maharaja Sayajirao University of Baroda has added 9,346 books making the total collection of books to 8,82,152 during the year 2018-19. A total of 15,000+ e-Resources have been added to the Library for facilitation of teachers and students which include e-Journals and e-Books. The library also has the facility of Open Knowledge Gateway (OKG) which provides access to free academic resources without geographical boundaries.

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 programmes where they have sought admission. An interesting 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 a completely online process. Online Human Resources Management System (HRMS), which is an effective tool to unify, control and maintain the employee life cycle is also in use. This year, an online mechanism of Performance Appraisal of staff has also been undertaken in digital format to ensure continuous improvement of the staff and greater good of the beneficiaries.

Apart from managing students' requirements, various Staff Development Programs have also been organized in the year 2019-2020 for our Teaching as well as Non-teaching Staff.

I am grateful to the Development Officer, GCU Section, Computer Center, IQAC, all faculty level coordinators and University Officials, University Press in completing the compilation of this Annual Report.

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
Director, Higher Payment Programme

DEVELOPMENT REPORT OF THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

Professor Parimal H Vyas

Vice Chancellor

18 March 2021

The whole world is still going through the effect of COVID-19 pandemic and last year has been an unprecedented one. It was a year of great challenges, hurdles as well as one ripe with great opportunities. The strong willingness to overcome the challenges presented by the situation was the defining characteristic of the past year. Education sector, including higher education sector has borne the brunt of the situation, but has adapted and to a large extent was able to overcome it. In these times of challenges, uncertainty and pain, it was gratifying to see the faculty members and students of the Maharaja Sayajirao University of Baroda adapting to the new normal and embracing digital platforms for teaching, learning, evaluation, mentoring, research, and collaboration purposes.

Last year also saw the implementation of much awaited National Education Policy 2020 (NEP: 2020). This policy has the potential to restructure education system of India by providing holistic education to the masses, thereby creating Job creators instead of job seekers. Our university has the unique identity as a multidisciplinary university catering to large masses as envisaged in NEP:2020 and has a large role to play in its implementation to the truest spirit. We had earnest deliberations on various facets of the NEP:2020 and has created a roadmap for implementing it.

The Maharaja Sayajirao University of Baroda (MSUB) is presently (Cycle-3) accredited with Grade "A" by National Assessment and Accreditation Council (NAAC) with a 3.16 CGPA. This year, the Maharaja Sayajirao University of Baroda is gearing up for NAAC re-accreditation process (Cycle-4) under the Revised Accreditation Framework (RAF). For the last 4 years, MSUB has been implementing various quality improvement initiatives at Faculty as well as Department Level for the holistic development of the university keeping in mind NAAC quality framework. The MSUB has also strengthened its Internal Quality Assurance Cell (IQAC) by creating task forces for Data Assimilation, Data Analysis, and proposal of Policies for Corrective Action and Improvement of each of the 7-Criteria framework of NAAC Re-Accreditation (Under RAF).

MSUB has also conducted workshops, seminars, and webinars on various aspects of teaching, learning, research, extension, social outreach, community development and administrative processes.

This report gives a brief account of the progress and achievements of the Staff and Students from The Maharaja Sayajirao University of Baroda in the areas teaching, learning, evaluation, research, collaborations and extension activities.

Key Awards and Excellence:

In 2020, The MSUB was placed in the Band 100-150 among in the 2019 NIRF Ranking of Indian Universities. We were also placed in the Band 150-200 in the Overall Category, which includes Universities and Institutes. The faculty of Pharmacy was placed 14th in India in the Pharmacy Category and Faculty of Technology and Engineering secured 116th place in India in the Engineering Category. I am also happy to share that the MSUB featured in the Times Higher Education (THE) World University Rankings this year too alike the past four years. From India, this year only 63 Universities/Institutes could make into this list and MSUB is the only one from Gujarat to make its place in this list. We are also the 7th in India in the Female to Male student ratio (55:45) in the released rankings. The MSUB also featured in the QS Asian and BRICS University Rankings in the year 2018-19. The MSUB was Placed 39th in India by the Survey of Multi-Disciplinary Universities conducted by Week-Hansa Research (2018-19).

In 2018, the Ministry of Human Resource Development [MHRD] has accorded the status of Inter-University Center for Teachers' Education (IUCTE) under the aegis of Pundit Madan Mohan Malaviya National Mission on Teachers' Teaching to the Department of Education (CASE and IASE), Faculty of Education and Psychology and a total of Rs. 21.48 Crores has been sanctioned and the Center is being developed to give a new stimulus and focus on practices and issues related to teachers, teaching, teacher-preparation, professional development, curriculum design, designing and developing assessment and evaluation methodology, research in pedagogy and developing effective pedagogy.

Research Initiatives and Outcomes:

COVID-19 pandemic has affected the research activities of MSUB for bulk of 2020. Research labs were closed and were in limited use only for most of 2020. MSUB followed all the protocols and directives set by the Government of India and Government of Gujarat in the functioning of research labs and its access by faculty members, research staff and Ph.D. scholars. But, this did not affect the enthusiasm and focus of researchers of MSUB, which is evident from the number of research publications and research projects undertaken by the researchers of the MSUB in the same duration.

I am also very happy to share with you that, all the 49 research scholars of MSUB who applied for the SHODH (Scheme of Developing High Quality Research) instituted by the Education Department, Government of Gujarat in 2020, were awarded the research fellowships. This is indeed a great a great achievement for the university. This year also many students have applied for the similar fellowship.

MSUB Research Scholarship Scheme:

Quality, Quantity, and visibility of the Research output from MSUB depends mainly upon the research scholars who pursue Ph.D. from various Departments/Institutes/Colleges of the university. MSUB so far provided 15 Ph.D. scholarships every year, having an emolument of Rs. 6,000 per month. But, looking at the present scenario with more than 1050 scholars pursuing Ph.D. in MSUB campuses, it is the need of the hour to provide scholarships to more Ph.D. students as well as increase the scholarship amount. Keeping this in mind, from this year onwards, MSUB has instituted a new Scholarship scheme for Ph.D. students called as the Maharaja Sayajirao University of Baroda Research Scholarship (MSUBRS) Scheme aimed at those students who are registering for Ph.D. in a prescribed time window and not receiving any other emoluments or scholarships. 100 such Ph.D. scholarships under the scheme will be available to those students who will register for Ph.D. in the University after November 2020. The tenure of this scholarship will be for two years. The selected scholar will get Rs 10,000/ per month as scholarship and contingency of Rs 10,000/ p.a. for students of Science & Technology and Rs 8,000/ p.a. for students of Humanities and Social Sciences. The allocation of number of scholarships shall be determined after every PET Exam, Faculty wise and Department wise, depending upon on actual number of students registering for Ph.D. in a particular department. The selected students shall be required to publish a paper in SCOPUS/Web of Science/UGC-care list indexed journal or any other journal and present a paper in conference/seminar. The scholarship will in effect, increase the research output of the university. MSUBRS scheme is in addition to the existing MSUB supported Ph.D. research scholarships.

Faculty/College Level Research Cells:

To build, sustain and enhance research culture in the Maharaja Sayajirao University of Baroda, the University will be establishing 'Research Cell' at each of the Faculty/College level for orienting, channelizing, and enhancing research skills and abilities among students and faculty members. The Research Cell shall provide academic, managerial, and administrative and liaison support to students and faculty members to carry out various research activities. These research cells will build, nurture, develop, and enhance research culture in the University. The research cells will develop awareness among all students including Ph.D. Scholars for participating /organizing/ different sets of research activities and will also facilitate and support faculty members for the conduct of research activities. Research Cells will also identify the potential thrust areas of research considering domain area and departments of the faculty to form various clusters based on its specialization and facilitate preparation and submission of research proposals by faculty members and students to various Funding Agencies/Corporate/Donor/Alumni etc.

Another important function of the cells will be to Interact with researchers from inside and outside MSUB to enhance interdisciplinary and multi-disciplinary research activities and coordinate inter-disciplinary and multi-disciplinary research internally within the faculty/College and university and externally with other universities/corporate/ industry/institutions/Government Departments/ NGOs and other organizations. These research cells will also assist the faculty members and students in publishing activities providing advice to research students how to publish, where to publish and what to publish. This will be done by coordinating with publication houses for conduction of sensitization programmes on quality research publications.

Research Citation incentivization:

Quality Research Publications and institutionalization of Awards by the MSUB form an important for continuous high-quality research output. Quality research outcome is beneficial for the discipline, industry, region, society, and

the nation. Sharing of knowledge especially theoretical and practical findings of research through various media enhances quality of teaching and learning. Research acumen is an evolving feature reflecting various research outputs with clear records such as- doctoral, post-doctoral, projects, inventions and discoveries, number of patents obtained and number of research publications. Accordingly, it is proposed under the Internal Quality Assurance Cell (IQAC), MSU Baroda to institutionalize awards consisting of a Certificate and monetary incentives for impact and influence measured in terms of citations earned for the quality research publications by the teachers presently serving in MSUB or Research Scholars pursuing research degree in MSU Baroda in the faculties of Science, Technology and Engineering, Family and Community Science, Pharmacy and Medicines. The awards for citations will have a 'Life Time Citation Award', which will consider the cumulative citations for publications from a researcher at MSUB and will be awarded yearly. The 'Highly Cited Article/Research Paper Award' will be based on citations received for a Research Article/Research Paper by the MSUB researcher, which receives more citations than h-index of MSUB. Yearly citation awards will be given to MSUB researchers receiving more than 150 citations a year.

Research Publication incentivization:

Research and development in basic and applied areas is one of the important tasks of the MSUB, and our university is devoted to it. We have implemented several initiatives in this direction. MSUB has continually put efforts to improve its quality and visibility in terms of research activities. In 2019, MSUB started incentivizing quality research output of the Researchers of the University, to improve the research profile of the university and encourage quality research from them. This will also encourage faculty members to publish in Quality Care Reference list of Journals of UGC, New Delhi. The MSUB has implemented scheme of offering monetary rewards for publications in High Impact Research Journals. These incentives are based on the Journal Impact factor (Clarivate).

To illustrate, in the case of Science and Technology, Rs. 10,000 will be given to authors of the article/research paper which is published in Journal with Impact Factor above 10 and 5 for Arts and Humanities. Even Full conference Proceedings Paper Indexed in Scopus too will be rewarded. MSUB will also be giving 50 per cent of the overhead charges of Research Projects to the Principal Investigators that can be used for Travel (International and Domestic) for exchange visits or attending conferences, to pay conference registration fee, per-diem while on travel as well as for publication charges. It may also be used, towards boarding, lodging and travel expenses, of invited collaborators and subject experts. Filed and Published Patents will also be monetarily rewarded. This will be in addition to Rs. 80,000 per Patent as filing and legal charges. The incentives for the year 2019-20 will be disbursed soon.

Incentives for Awards and Recognitions:

Awards and recognitions for research, extension, and other activities received by faculty members and students from outside agencies bring laurels to the university as well as put MSUB in the world map. To appreciate such faculty members and students, from this year onwards MSUB has instituted monetary incentives and certificate of gratitude.

Research outcomes:

Different research promotion initiatives by MSUB has resulted in high volume of research publications (961, up from 852 in 2019) in Peer- Reviewed Journals and Conference Proceedings by the researchers of the university. The number of Research Articles from MSUB indexed in Scopus too has also increased from 353 in 2018-19 to 361 in 2019-20. In the same duration of time, the average impact factor of the publications has increased from 2.91 in 2018-19 to 3.06 in 2019-20, indicating that the increase in overall quality of research publications from MSUB. 31 research articles from MSUB were published in Journals with journal Impact Factor above 5. H-index of the University has reached to 95 (from 87 in 2018-19). i-10 index of the university has jumped to 2408 (from 2090 in 2018-19) and the total number of citations have gone up to 9763 (up from 8146 in 2018-19). All these numbers reveal the quality, relevance and visibility at world level of the research conducted by the researchers at the MSUB, even in these testing times.

This year the MSUB was granted Rs. 13 Crores under the DBT-BUILDER Programme to establish interdisciplinary School of Life Sciences for advanced research and education in the University. This programme is expected to promote interaction of existing departments of universities stimulating interdisciplinary modern Bioscience research through creation of new research agenda aiming to develop world-class school of life science in

universities doing both advanced research and education. Also, various other funding agencies like DST, DBT, SERB, AICTE, DAE etc. have continued to provide financial assistance to the MSUB through their flagship programs. Currently, Departments of Gujarati, Botany, History and Applied Physics have been receiving support under UGC-DRS (Departmental Research Support) Scheme. Departments of Education, Human Development and Family Studies and Chemistry are supported through UGC-CAS (Center for Advanced Study) Scheme. Departments of Social Work, Educational Administration and Foods and Nutrition are being supported through UGC-DSA (Department of Special Assistance) Scheme. Departments of Geology, Statistics, Civil Engineering, Microbiology, Bio-Chemistry, Zoology, and Applied Physics are supported through DST-FIST (Fund for Improvement of S&T Infrastructure in Universities & Higher Educational Institutions) Scheme. Faculty of Social Work has received support from the Ministry of Social Justice and Empowerment (MISE) and under Dr. Ambedkar Chair Program. The total worth of the Research Projects sanctioned to MSUB in the year 2019-20 is Rs. 38 Crores. In 2018-19, the university received the first installment of PURSE (Phase-II) Scheme. During 2016-20, MSUB received more than 230 sponsored research projects from more than 50 funding agencies worth more than Rs. 100 Crores.

Long term support to Research and Development is the need of the hour and towards this MSUB has proposed and implemented grant earmarked for research activities on a yearly basis. This grant is towards publication charges, travel grant and conduction of seminars/workshops as well for inviting scholars from outside the university to improve the quality and visibility of research conducted at the university.

The Maharaja Sayajirao University of Baroda is continuously encouraging the young teachers especially from Humanities and Social Sciences to undertake research and consultancy. It also provides financial assistance to them through Research and Consultancy Cell (RCC). University through R & C Cell has so far funded 133 research projects worth around Rs. 97.3 Lakhs from its own funds. The grant for the qualifying MSUB research projects for the year 2020-21 will be disbursed soon.

Consultancy:

Research and Consultancy Cell, set up by the University focuses on promoting collaboration between academia and industry and it is acting as a liaison between the university and private or Industrial funding agencies to undertake consultancy projects and other forms of consultancy. Our faculty members executed consultancy projects or another individual consultancy work worth approximately Rs. 3.90 Crores in 2020-21.

Linkages Created and Collaborations:

Collaboration is the way forward on academic and research. Keeping this in mind, the MSUB has evolved a system for Staff and Student Exchange with leading institutes/Universities from India and abroad. Even during the COVID-19, MSUB is Partner in the prestigious European Union Erasmus Mundus Mobility Consortium – EUPHRATES (for Student and Faculty Exchange) and many student and staff members from the University has utilized this scheme for academic and research visits to European Nations and molded several collaborations. During 2016-20, MSUB has signed 35 MoUs with International Institutes/Agencies and 96 MoUs with National Institutes/Agencies. Significant International MoUs includes those with Montfort University Leicester UK, R2STOP Research Funding Agreement (RFA) effect-Hope (The Leprosy Mission Canada), University of Durham UK, Australian National University, Nutrition International (Micronutrient Initiative), Ottawa Canada. Significant national MoUs include those with Indian Institute of Public Health Gandhinagar, National Digital Library of India Kharagpur, Larsen & Tubro, Tata Consultancy Services, Entrepreneurship Development Institute of India (EDI) Ahmedabad, National Mission for Manuscripts, CSIR – Central Salt & Marine Chemicals, Research Institute (CSIR-CSMCRI) Bhavnagar, Department of Biotechnology, National Academy of Indian railways (NAIR), United Nations Children's Fund, Bhaskaracharya Institute of Space Applications & Geo-informatics (BISAG). Staff members of the University also has collaboration with many universities around the world including Cambridge, Laval, Stuttgart, Cornell, Kieo, Durham and Leicester. It also has collaborations with national institutes/universities like IITs, IISERs, IISc, NCBS, NCL, TIFR, BARC, RRCAT, PRL, IPR etc.

Academic initiatives:

End of academic year 2019-20 was plagued by the COVID-19 pandemics. The university took initiatives to complete the syllabus of all the programmes through online mode. Towards this, groups comprising of teachers and students for classes of all the programs offered by the University are formed in Microsoft teams. Teachers and students are trained for the use of Microsoft Team. Online Moodle Training Programme is conducted for large number of teachers and students. MSUB has also implemented its own MOODLE Learning Management system in 2020.

Teachers can upload course materials as well as lecture notes and students can access these from anywhere using the right credentials. This platform can also be used for student evaluation like conducting online quizzes, assignments, and other type of evaluation.

In addition to Microsoft Teams, teachers also make use of various other online platforms viz. Zoom, WebEx, Google Meets, Skype etc. for online teaching and various other academic activities. Teachers have conducted online classes along with effective use of various innovative pedagogical tools for teaching as well as continuous internal evaluation such as Online assignments, Presentations, Interactions, Submissions, Seminars as well as Online Quizzes, Objective test comprising of Multiple Choice and Short Answer type Questions etc.

To complete the syllabus, all the teachers engaged classes through online mode. Online problem solving and remedial sessions were also conducted. Also, regular online meetings were conducted with project students (Masters and Bachelors) and PhD scholars. It indeed gives me great happiness to share with you that the Ph.D. Coursework was also conducted online. Video recording of laboratory experiments are prepared by the teachers and were distributed to the students. Teachers also developed simulations of some of the laboratory experiments and was distributed to the students along with the source code. The university has completely Wi-Fi enabled campus supported with required IT infrastructure for conducting online teaching, research, and extension activities. Online classes held has been recorded and shared with the students via multiple information sharing applications. The students are also provided with study materials, digital board-work, information about online resources etc. Students are also provided career counselling and other kinds of mentoring to combat with anxiety, mental stress, and fear of unknown, by faculty members, counsellors and outside experts using online platforms. During the lockdown period more than 1000 online classes were conducted by teachers of MSUB to complete the syllabus. Classes for first semester of academic year 2020-21 was also held online. 2019-20 also saw, organization of more than 140 Webinars providing live interactions to students and faculty members with experts in various fields.

MSUB followed Merit Based Progression System as per the directives of Government of Gujarat for all students (UG and PG) except for Final Year Final Semester(UG) and PG Students and PG). To conduct examinations for the Final Year, Final Semester and Post Graduate students, the Computer Center of MSUB has indigenously developed an online examination portal for conduction of online examinations of all final year, final semester undergraduate and all the postgraduate students. The online examination portal contains teacher as well as student modules. Teachers can submit questions through the teacher module of the portal. Examination section can then schedule the examination, which is then attempted by students using the student module. MSUB has successfully conducted online examinations of more than 40,000 students using the university's indigenously developed examination portal till date. This portal is also used for the conduct of mid-semester examinations.

MSUB is in the process of launching of the Ph.D. Portal of the university to allow prospective students to register for Ph.D., upload their progress reports, seminar reports, and research papers. It would also enable the Ph.D. supervisors to monitor the progress of the Ph.D. Scholars. The Online Framework for Ph.D. Program provides complete information and process from Registration to Submission of Ph.D. Thesis.

Implementation of NEP2020, has led to a sea change in thinking in the introduction new and innovative academic programmes and courses. The need of the hour is courses and programmes in disruptive and emerging areas like Machine Learning, Artificial Intelligence, Systems Biology, Computational Life Sciences etc. with strong interdisciplinary aspect. MSUB has formed committees to explore these aspects concerning implementation of NEP:2020 to explore possibilities of introducing new academic programmes and courses in distinctive areas.

Teachers' Achievements:

Teachers' of the MSUB have bought many laurels to us. Few of the awards/recognitions/achievements of the Teachers of this MSUB is given below:

Prof. Parimal Vyas, Vice-Chancellor, The Maharaja Sayajirao University of Baroda was awarded "MTC Global Rooshikumar Pandya Life Time Achievement Award 2019" by Management Teachers Consortium-Global (MTC Global). Jyotsna Phanse of Department of German, Faculty of Arts was awarded Austrian Ministry Fellowship for Teaching German as a Foreign Language. Dr. Anita Shukla of same faculty was Empaneled for deployment at ICCR Hindi Chairs Abroad aby Indian Council for Cultural Relations. Prof K Krishnan, of Faculty of Arts was awarded the La Trobe Asia Visiting Research Fellowship, La Trobe University, Australia. Prof. Shagufa Kapadia, Faculty of Family and Community Sciences was awarded the Fellowship for a short-term research on, 'Food Moralities and

Influences among the Youth of Gujarat' by Indic Academy Center for Indigenous Sustainability Fellowship. Prof. Rachna Bhangaokar of the same Faculty was also awarded fellowship for short term research by Indic Academy. Professor Ambika Patel of Faculty of Fine Arts was selected as Board Member of ICOM-Asia Pacific Regional Committee.

Dr. Indrapramit Roy of the same faculty was selected for Art Residency at Kai Po Che International Art Residency, by Art Core, Derby, UK. Shri. N Bagodi of Faculty of Fine Arts was appointed as a member of the Advisory Committee of Mumbai Art Gallery. Prof Gaurang Bhavsar of Faculty of Performing Arts was recognizing as Guru under Guru-Shishya Parmpara Scheme, Sangeet Natak Academy, Govt. of Gujarat. Dr. Pramod Chavan of the same faculty was awarded European Theatre Scholarship by Creative Europe Programme of the European Union, Berlin, Germany. Mrs. Dwani Mhaskar of Faculty of Performing Arts participated in the World record event of Maximum number of people performing classical dance at same time online at multiple venues. Durgesh Gangani of the same Faculty was awarded Ustad Bismillah Khan Yuva Puraskar by National Sangeet Natak Akademi. Ms. Divya Patel of Faculty of Performing Arts was awarded the Cultural Partnership Initiative Fellowship, Ministry of Culture, Sports and Tourism of South Korea. Prof. P. K. Jha of Faculty of Science was invited as a visiting Professor by Bialystok University of Technology, Poland. Prof. Ashutosh Bedakar of the same faculty was awarded bronze medal for research in the field of synthesis of helical compounds by Chemical Research Society of India. Prof. Prassna Ghalsai of Faculty of Science was awarded the JSPS Visiting Scientist/Professor fellowship to work at Hiroshima University. Dr. TMV Suryanarayana of Faculty of Technology and Engineering was selected as the Executive Committee Member of Association of Hydrologists of India.

Many of the faculty members were also awarded Mobility Fellowships, travel grants etc., which enabled them to visit and work in International Universities/Institutes which also resulted in formation of collaborations in varying areas of academics and research.

Students' Achievements:

Students are the strength of a University and they have also bought many Honours to the university. Few of the achievements/recognitions/awards won by our students are given below:

Ms. Navaldeep Kaur Maan of Faculty of Arts was awarded as the State Level IGC Baroda Best Cadet by NCC Directorate, Gujarat. Ms. Vishwa Diwani of the same faculty was awarded the student exchange fellowship to study one semester from at the Pädagogische Hochschule Schwäbisch Gmünd, Baden Württemberg in Germany. Mr. Ram Gaikwad of Faculty of Commerce represented Gujarat State in Hockey. Ms. Pooja Yadav of the same faculty was awarded Best cadet bronze medal by NCC Directorate. Ms. Devshree Jambekar of Faculty of Commerce was the winner of Gujarat Khel Mahakumbh. Mr. Rana Harsh Rajendrakumar of Faculty of Management Studies won multiple prizes in creative writing, elocution and other such competitions. Mr. Meet Shah of Faculty of Medicine was recipient of the ICMR STS Award by Indian Council of Medical Research. Ms. Yesha L Thacker of Faculty of Performing Arts secured first position in All India Classical Dance Competition and Festival. Mr. Simant Rana of the same faculty was a recipient of the CCRT National young artist scholarship in the field of theatre, Ministry of Culture, Government of India. Mr. Fenilkumar Soni of Faculty of Performing Arts secured first position in the Pandit Omkarnath Thakur Music Competition, Gujarat State.

Mr. Milan Dodiya of the same faculty was the recipient of the Pt. Vishnu Digambar Paluskar award by Sharda sangeet Vidyalaya. Mr. Sarvesh Raykar of Faculty of Science secured 1st Prize in Minaxi Lalit Science Award in the subject of Microbiology. Ms. Radhika Rathore of the same faculty secured second position in rifle shooting by Gujarat state rifle association. Ms. Riddhi Vachhani of Faculty of Science secured First Prize in Minaxi-Lalit Science Award Test -2020. Mr. Hitesh Khungla also received the same prize. Ms. Charmy Mehta of Faculty of Technology and Engineering was awarded the 1st prize in National Physics quiz competition as well as in competition on physics experiments. She also qualified for the international astronomy and astrophysics competition.

Extension Activities:

During the COVID-19 pandemic, Staff members, students and NSS volunteers of MSUB conducted multiple activities to spread awareness about the pandemic as well as to help those in need. "WE TEAM MSU" provided hygienic food to the needy in Baroda every day during lockdown. Hand sanitizers were prepared in the Faculty of Science and Faculty of Pharmacy and was distributed to various hostel and to volunteers. These Sanitizers were also distributed in Rural areas of Gujarat. MSUB distributed Mask, Hand gloves and Sanitizer to Police Personnel and NSS Volunteers assisted the traffic police at various parts of Vadodara. NSS Volunteers delivered medical drugs

and to the doorstep of MSU staff, senior citizens and retired employees. NSS team in association with Government Ayurvedic College distributed Ayurvedic Kada to media personnel, university security, vigilance staff, university cleaning staff and university administrative staff. NSS has been a part of the best out of waste initiative under which homemade masks were made after collecting discarded cloth materials from tailors. These were distributed among vendors, senior citizens and the less privileged. Students of the MSUB and NSS Volunteers made an innovative and creative video on the theme of learn from corona: Cover yourself. Obey police. Value time. Implement instructions. Distance yourself 19 Unite-teen.

Extension and Outreach Activities with Societal Impact is of utmost importance at the MSUB. We have adopted 4 villages under the Unnat Bharat Abhiyan, which is a flagship program of Ministry of Human Resource Development, Government of India. The villages are Kotana, Radhiyapura, Sakaripura and Road Fajalur. Our university carries out various Development Activities in these villages with the help of staff members and students of the University.

Training and Placement:

For any university, placement and progression of the Graduating students is of paramount importance. Training and Placement Cells of various faculties provides training to students. These training sessions involved Interactive Meetings, Expert Talks, and Field Visits etc. The MSUB also provides Employment Opportunities for the students particularly in General Stream. The Placement Cell has prepared an Extensive Database comprising of information of Companies, who are interested in employing MSUB Graduates. It also conducts Campus Placement Fairs. Overall, more than 3,000 Graduating Students from the MSUB were employed through on and off campus placement during the year 2019-20. In the same duration more than 5000 Graduating Students were selected for Higher Studies in India and Abroad.

Seminars, Conferences and Exhibitions:

COVID-19 has bought a new normal to the world. It presented in itself new opportunities to connect and collaborate with peers around the world. MSUB organized more than 140 webinars on academics, research, extension, mentoring, and culture during the last one year. The varying subjects provided multiple opportunities for the staff members and students to learn and discuss with the leading academicians, researchers and experts from all over the world. Out of the more than 140 webinars 15 were international with experts and participants from many countries. Some of the major webinars included following.

"Health and Health Care in the Current Scenario - COVID19" conducted by Internal Quality Assurance Cell and Institute of Interdisciplinary Studies had experts from USA and India talking especially about viruses, their identification and eradication. In the webinar "Modern Trends in Experimental Research: Optics and Imaging in Healthcare" experts from Israel, Germany and India spoke about optical techniques for healthcare applications. Institute for Interdisciplinary Studies also organized an International webinar on "Modern Trends in Experimental Research: Insights from Regenerative Medicine and Metagenomics". Faculty of Performing Arts conducted a One Day Webinar on "International Webinar on Virtual Classrooms: A Necessity in Performing Arts Education". Faculty of Social Work and Faculty of Management Studies jointly organized a webinar on "Managing People's Function in the World of COVID-19". Faculty of Social Work also organized a 5 Day international Training Programme on "Social Work Interventions During COVID-19". Office of International Affairs Jointly with Faculty of Science and Faculty of Technology and Engineering organized One Day International Webinar on "Mathematics in Industry: Challenges and Frontiers". Office of International Affairs, Faculty of Science, MSU and TU Eindhoven, The Netherlands jointly organized One day International Webinar on 'Sudoku: Fun and Serious Mathematics'. Department of Geography, Faculty of Science organized One day International Webinar on 'Challenges of Identifying Geographic Trends in COVID-19 Cases and Effect of COVID-19 Lockdown on Air Quality in India'. Department of Food and Nutrition and its Alumni, Faculty of Family and Community Science, MSU organized Two Day international online Symposium on 'Global Virtual Symposium: Investing in Maternal Infant and Young Child Nutrition (MIYCN) for Sustainable Development'. Office of Alumni Affairs & Donors Relations, MSU organized 'MSU Vision 2020, MSU Alumni Network Initiative' online. Internal Quality Assurance Cell of MSUB organized 5 days National Webinar on 'Some Aspect of Research Methodology'. Faculty of Management Studies and Internal Quality Assurance Cell jointly organized webinar on 'Management Knowledge: Useful or a Waste in Covid -19 Crises'. Institute of Leadership and Governance (ILG) organized 'Countrybution- 2020- Self Reliance driven Leadership: Work Local and Lead Global' online. Department of Physical Education organized One Day Webinar on "Mental Preparation for Rejoining Sports During COVID-19". One day National Webinar for School Students on 'Biodiversity and its Conservation' was jointly organized by Faculty of Science, MSU and Viganana Bharti and Vigyan Gurjari. Internal Quality Assurance Cell,

MSU organized One day National Webinar on 'NAAC Accreditation Under Revised Framework: Challenges and Strategies'. IQAC also organized webinar on 'Revised NAAC Assessment and Accreditation Process for Affiliated Colleges' inviting experts from NAAC, Bangalore. Computer Center MSU Baroda organized National webinar on 'Cyber Security and Challenges'. Centre for Start-up and Innovation, MSU organized Six days National Webinar Series on Pathways for Start-up and Innovation on Webinar -1 'SSIP Policy and State Approach'. Dr. Vikram Sarabhai Institute of Cell & Molecular Biology, Faculty of Science, MSU organized national webinar on 'Research and Education During COVID-19 Pandemic: An Opportunity Foretold'. Faculty of Technology and Engineering, MSU and Gujarat Science Academy (GSA); and Indian Association of Physics Teachers (IAPT RC-o7); Indian Physics Association (IPA Baroda Chapter) jointly organized Three days National Webinar on 'Century of Quantum Mechanics and Still Going Strong'. IQAC organized national webinar on 'The Quality of Research Publications'. Faculty of Commerce organized One day National Webinar on 'Post COVID Challenges and Opportunities in Banking Sector'. Faculty of Journalism and Communication, MSU organized One day National Webinar on 'Infodemic in the time of a Pandemic: What Public Health Professionals and Media can do better?'. Faculty of Law, MSU organized One day National Webinar on 'Transformative Constitutionalism'.

MSUB also conducted a series of webinars on NEP:2020, where experts and dignitaries including Shri Vijaybhai Rupani, Hon'ble Chief Minister Government of Gujarat; Shri Bhupendrasinh Chudasamaji, Hon'ble Cabinet Minister of Education, Government of Gujarat; Prof. D. P. Singhji, Chairman, University Grants Commission, New Delhi; Prof. B. Patwardhanji, Vice-Chairman, University Grants Commission and Chairman, ICSSR, New Delhi; Shri Atul Kothariji, National Secretary, Shiksha Sanskriti Utthan Nyas, New Delhi; Dr. Pankaj Mittalji, Secretary General, Association of Indian Universities, New Delhi; Prof. K.K. Aggarwalji, Chairman, National Board of Accreditation; Prof. Aniruddh Deshpandeji, BMCC College Pune and President, CEDA, Pune; Prof. T.V. Kattimaniji, Vice Chancellor, Central Tribal University of Andhra Pradesh; Prof. Yogesh Singhji, Vice Chancellor, Delhi Technological University, New Delhi; Prof. Sanjeev Kumar Sharmaji, Vice Chancellor, Mahatma Gandhi Central University, Motihari Bihar; Prof. N L Mitraji, Former Vice Chancellor, National Law School of India University, Bengaluru; Prof. Dr. Sushma Yadavji, Vice Chancellor, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan, Sonapat, Haryana; Prof. Dr. G. Gopa Kumarji, Former Vice Chancellor, Central University of Kerala; Prof. R. S. Dubeyji, Vice-Chancellor, Central University of Gujarat; Prof. J P Joorel, Director, INFLIBNET Center Ahmedabad; Prof. Navin Sheth, Vice Chancellor, Gujarat Technological University, Ahmedabad, interacted with the participants on various aspects on NEP2020.

Various other departments of different faculties of MSUB also organized seminars, workshops and webinars on different subjects during this period.

Administrative Reforms, e-Governance Activities, other Initiatives and their Outcomes:

COVID-19 also changed the way in which we conducted our administrative tasks with most of the administrative duties especially in the period of March-Sept 2020 being conducted online. During the lockdown period Faculties and departments conducted online meetings of teaching and non-teaching staff members.

During this period Departments also conducted online meetings of the respective Board of Studies regarding Examination Reforms required in the ongoing scenario. Online meetings of Post-Graduate Council of Studies and Research were conducted by the MSUB regarding completion of syllabus and conduction of online examinations. Meeting of Deans/Principals of the concerned faculties/Colleges as well as Heads of the Departments of various faculties too were conducted online by the university.

The MSUB is also in the process of restructuring its administrative processes by extensive use of Digital Technology. The MSUB has begun to recruit teaching and non-teaching staff in various cadres. Digital initiatives play a major part in whole recruitment process. An Online Application Recruitment Portal too has been developed indigenously by the MSUB Computer Centre adhering to the Rules and Regulations set out by the UGC, AICTE and other Statutory Bodies as well as the Government of Gujarat for a smooth recruitment process. MSUB also revamped its Annual Report Management System (ARMS) by incorporating queries about information that is mandated by different Rating and Ranking Agencies. In the year 2019-20, more than 90 percent of the MSUB teaching staff has filled up Online ARMS.

MSUB has also done away with the Paper Based Pay-Slip of its Staff by introducing Digital Pay-Slip. The MSUB has also developed Audit and Accounts Management system for Billing, Account and Audit related services of the University. We have developed our own Alumni Portal in the year 2018-19. The MSUB library has developed a system for Tracking of Books and Journals.

It should also be noted that the reforms led to significantly larger number of students, i.e. 44,000+ in 2020-2021, up from an average enrollment figure of 36,000 Students (last 15 years). In the period 2016-20, MSU was able to mobilize more than Rs. 130 Crores from RUSA (20 Crores) and Government of Gujarat (110 Crores) towards infrastructural development in the university.

To conclude, successful functioning of a University requires continuous and sustained efforts from all the stakeholders including Students, Teaching and Non-Teaching Staff, Academic and Administrative Bodies. Support is also required from Employers of Graduating Students, Peers, and Society and above all from the State and Central Governments. It should also be noted here that, Annual report this year is prepared keeping in mind the NAAC re-accreditation and hence in several criteria, data from 2016 has been included.

At this time, I would like to acknowledge and thank the support received in plenty especially from the Government of Gujarat, Ministry of Human Resource Development, Government of India, and various funding and Sponsoring Agencies, the Collaborating Industries, Institutions, and Above All our supportive 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 who will take MSUB to greater heights in the near future.

Thank you one and All!

Jai Hind!!

Prof. Parimal H Vyas
Vice Chancellor
The Maharaja Sayajirao University of Baroda

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 (Philology)
Master of Arts (MA) in Russian Studies (Military Aviation)
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 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

Faculty of Education & Psychology

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

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 (BVA) 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
Ph.D. in Arts History and Museology

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
B.Sc. (F.C.Sc.) in Family & Community Resource Management
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 (Child Development and Education for Sustainable Development)
M.Sc. (F.C.Sc.) in Human Development and Family Studies (Life Span Development)
PG Diploma in Development Management (DM)
PG Diploma in Early Childhood Care Education
Ph.D. in All Disciplines

Faculty of Journalism & Communication

Ph.D.

Faculty of Law

Bachelor of Law (LL.B.) - Special
Bachelor of Law (LL.B.) - General
Master of Law (LL.M.) in Business Law
Master of Law (LL.M.) in Criminal Law
Ph.D.

Faculty of Management Studies

Master of Business Administration (MBA)
Ph.D.

Faculty of Medicine

Bachelor of Medicine and Bachelor of Surgery (MBBS)
Bachelor of Physiotherapy
Bachelor of Science (Nursing)
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 IHBT
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

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 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 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
Bachelor of Science (B.Sc.) in Supplementary
Master of Science (M.Sc.) in Biochemistry
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 Social Work

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

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 Engineering
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 Science (M.Sc.) in Bio-Informatics
Master of Science (M.Sc.) in Polymer Science
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 & 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 Resource Engineering
Master of Engineering (M.E.) in Petrochemical Engineering
Master of Engineering (M.E.) in Polymer Technology

Regular Academic Programmes

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 Material 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 Textile Processing
Master of Engineering (M.E.) in Welding Technology
Post B.Sc. Diploma in Textile Chemistry
PG Diploma in Computer Applications (PGDCA)
PG Diploma Corrosion Technology
PG Diploma Solid State Electronics
PG Diploma Polymer Science & Technology
PG Diploma Analytical Techniques
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 Vastushastra
Shastri (B.A.) in Shahityashastra
Shastri (B.A.) in Shukla-Yajurveda
Shastri (B.A.) in Shukla Yajurveda Yagniki
Visharad in Jyotishshastra
Visharad in Vyakaranshastra
Visharad in Vastushastra
Visharad in Shukla-Yajurveda
Visharad in Shukla Yajurveda Yagniki
Acharya (M.A.) in Jyotishshastra
Acharya (M.A.) in Shukla-Yajurveda
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

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

Bachelor of Commerce (B.Com.)

Bachelor of Science (B.Sc.)

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.)

Higher Payment Regular Programmes

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 (Evening)
PG Diploma in Business Management (Evening)
PG Diploma in Marketing Management (Evening)
PG Diploma in Strategic Human Resource Management (Evening)

Faculty of Education and Psychology

Bachelor of Arts in Clinical Psychology
Bachelor of Arts in Industrial - Organisational Psychology
Bachelor of Arts in Educational - School Psychology
Bachelor of Arts in Counselling Psychology
Master of Arts in Clinical Psychology
Master of Arts in Counselling 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 Diploma in Food Service Management
PG Diploma in Applied Nutrition
PG Diploma in Hotel Interiors
Certificate Course in Diet and Healthy Living (Evening)
Certificate Course in Food Preservation (Evening)
Certificate Course in Weight Management (Evening)
Certificate Course in Sports Nutrition (Evening)
PG Diploma in Fashion Retaining & Merchandising
B.Sc. Textiles & Apparel Design
B.Sc. Fashion Communication
B.Sc. Garment Technology

Faculty of Fine Arts

(Maharaja Ranjitsinh Gaekwad Institute of Design)

Bachelor of Design
Master of Design

Faculty of Journalism & Communication

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

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 Management Studies

Master of Business Administration (MBA) (Evening)

Faculty of Performing Arts

Certificate Course in Light Vocal Music

Faculty of Science

Bachelor of Computer Application (BCA)
Bachelor of Science (B.Sc.) in all Branches
Bachelor of Environmental Science
Master of Science in Information Technologies
Master of Science in Environment Science
Master of Science in Petroleum Geology
Master of Science in Medical Biotechnology
Master of Science in Biostatistics
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 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

Baroda Sanskrit Mahavidyalaya

Certificate Course in Temple Management

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

Bachelor of Science (B.Sc.)

Polytechnic

Diploma in Computer Engineering
Diploma in Electronics and Communication
Diploma in Architectural Assistantship

Department of Physical Education

Certificate Course in Fitness Management
Certificate Course in Sports Management

Centre for Lifelong Learning & Extension

Short Term Courses

Astrology and Vastu Shastra
Spoken Sanskrit
Arts and Crafts
Basic Interior Design
Bonsai
Creative Arts
Jewelry Designing
Imitation Jewelry making
Computer Education
AutoCad
Autodesk Revit
Computer Hardware and Networking
Graphic Designing and Advertising
M.S. Office
Tally
Web Graphics and animation
2D & 3D Animation
Personal Grooming
Self Development
General Interests
Anchor- Host Announcer Workshop
Beautician, Business Etiquettes
Disciplinary Actions- Introduction, Do's & Don'ts
Lateral Thinking
Music appreciation and its therapeutic use

Omkar Sadhana
Personality Development
RTI [Right to Information Act]
Self Defense
Swayam Education for Self and Life
Training for Sweepers and Cleaners
5 - S:A Japanese concept for house wives
Hotel /Cookery
Café and Restaurant Skills
Fancy and Healthy Cooking
Language Proficiency
English, French
German for Beginners
Management / Business Skills Development
Entrepreneurship
G.S.T. and Customs
Medical / Health / Alternate Medicine
Yoga, Acupressure and Nature Cure

Long Term Courses

Hotel /Cookery
Food and Beverage Production
Front Office Management
Hotel Mgt. and Catering Services
Human and Social Development
Early Childhood Care and Education
Event Management
Human Rights, Learning Difficulties
Non-Government Organization (NGO)
Training Day Care Personnel
Management / Business Skills Development
Banking, Export and Import Management
Financial Management
Human Resource Management
Industrial Purchasing and Material Mgt.
Medical / Health / Alternate Medicine
Health and Fitness Management
Hospital Administration & Management
Industrial Health
Yoga Teacher Certificate Course
Basics of Yoga for Physical
Social and Mental Health
Vocational Skills Development
Fashion Designing
Green Buildings
Interior Design
Tourism and Travel

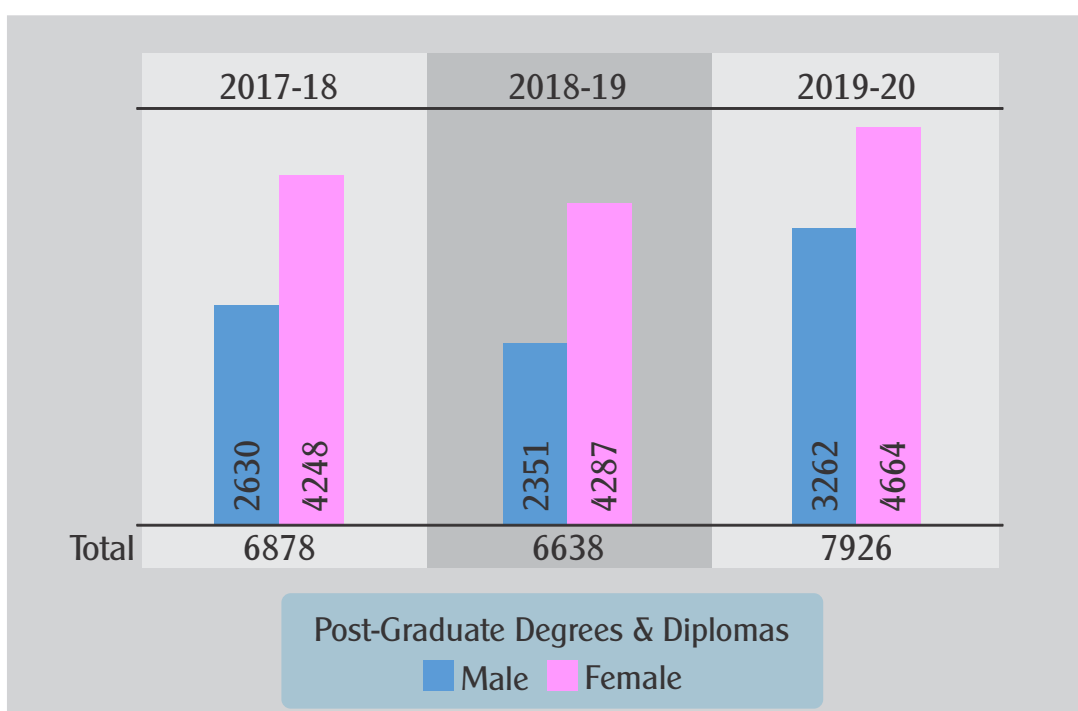
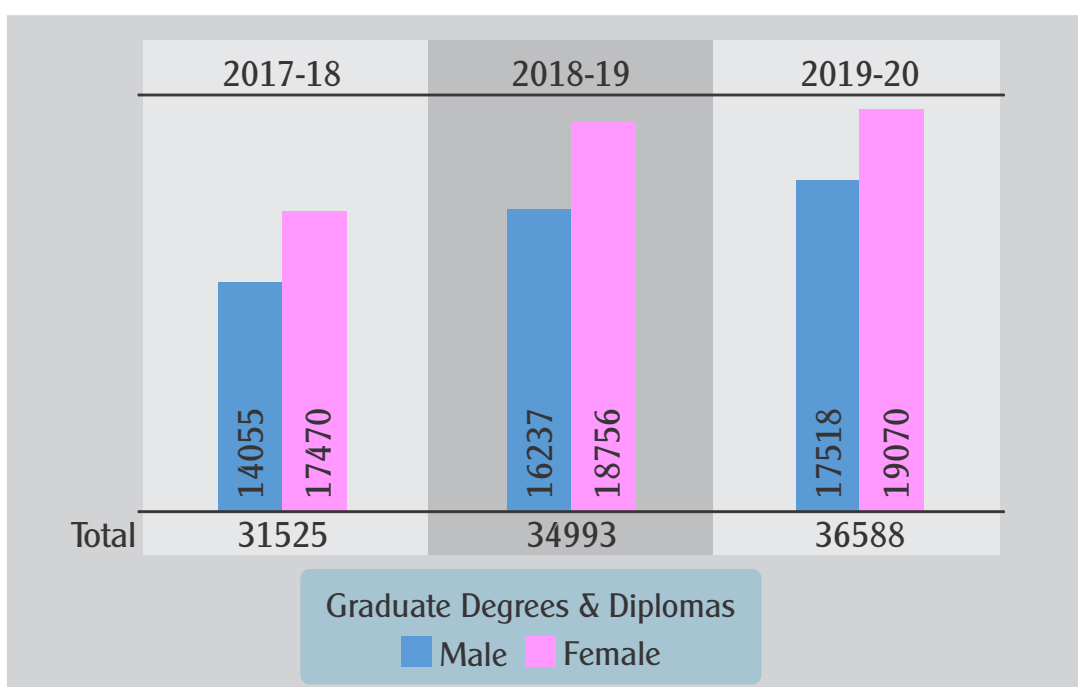
Institute of Leadership & Governance

Diploma in Political Leadership & Governance



Students' Enrolment*

Year	Enrolment		
	Female	Male	Total
2017-18	21718	16685	38403
2018-19	23043	18588	41631
2019-20	25008	22325	47333



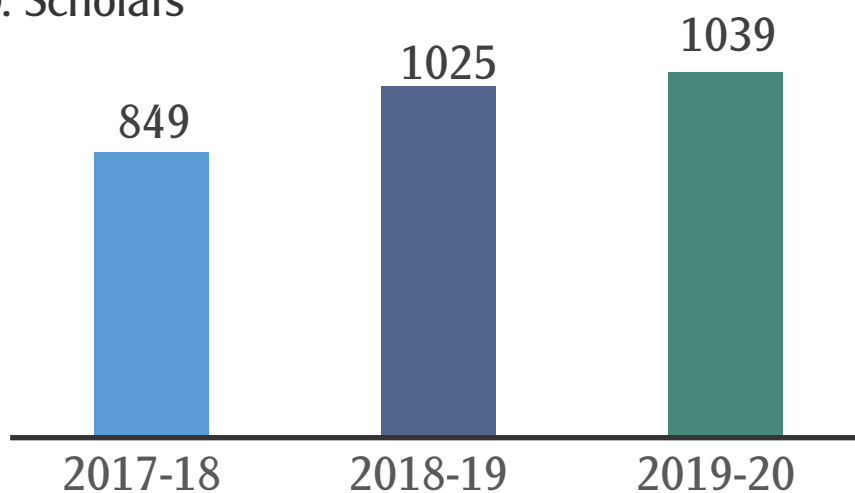
*including all programmes

Students' Enrolment : Faculty wise

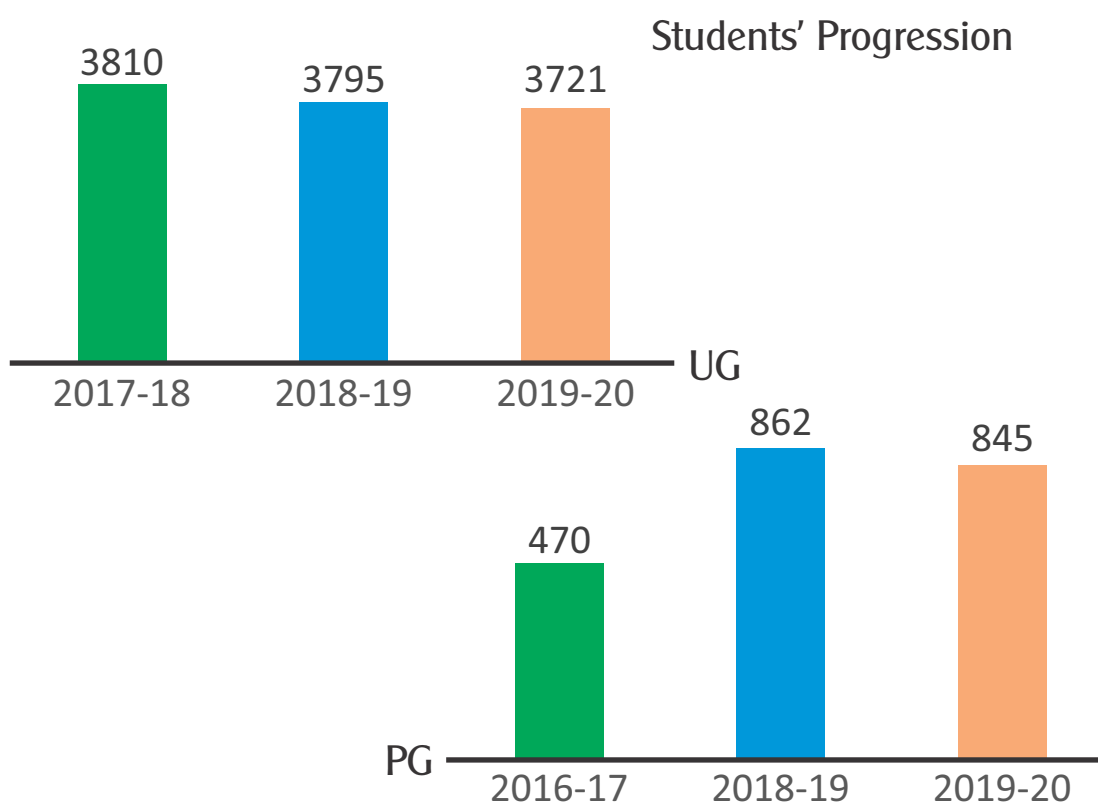
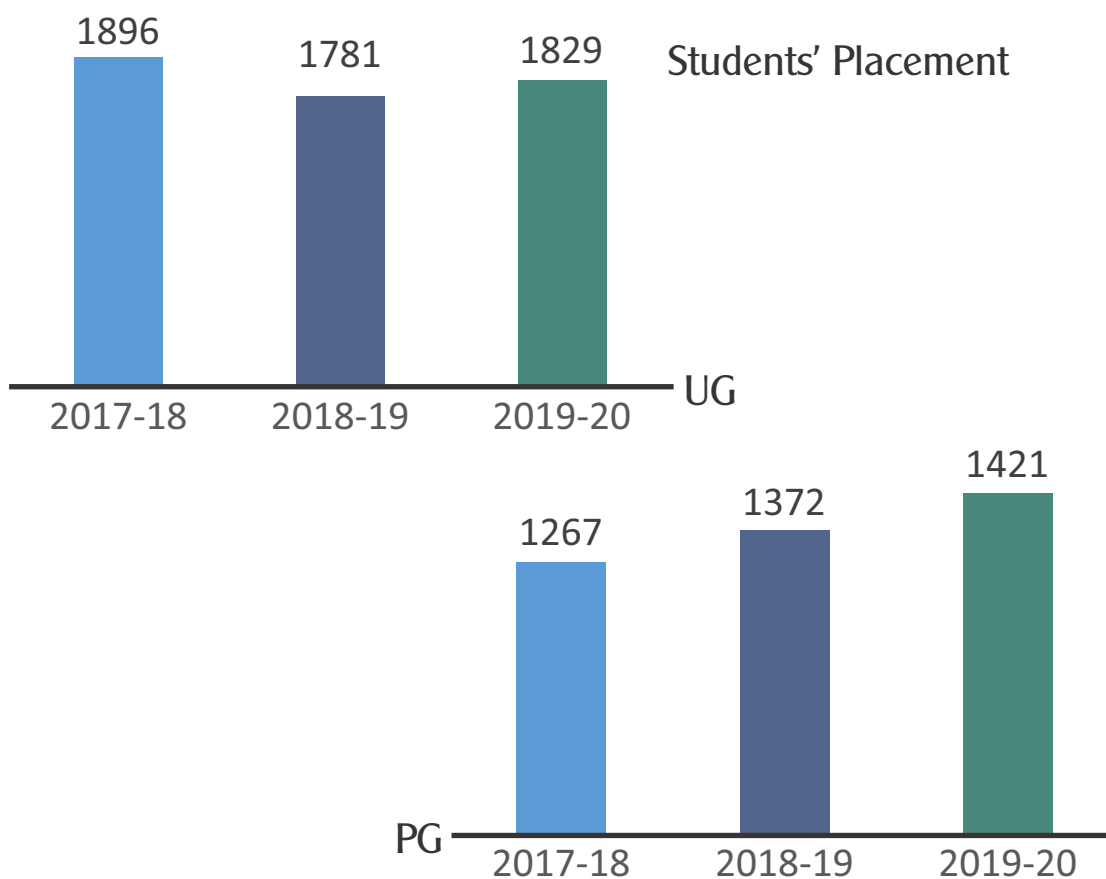
Faculty/College/Institute	UG	PG	Diploma	Ph.D.
Faculty of Arts	3120	696	24	196
Faculty of Commerce	20811	2643		55
Faculty of Education & Psychology	573	160		70
Faculty of Family & Community Sciences	1444	185		61
Faculty of Fine Arts	494	174	24	24
Faculty of Faculty of Journalism and Communication	89	58		4
Faculty of Law	1276	360		9
Faculty of Management Studies		104		14
Faculty of Medicine	1800	430		9
Faculty of Performing Arts	297	101		34
Faculty of Pharmacy	120	45		23
Faculty of Science	3777	1088		313
Faculty of Social Work	154	250		36
Faculty of Technology & Engineering	3037	1294	50	191

Ph.D. Scholars

Number of Enrolled
Ph.D. Scholars



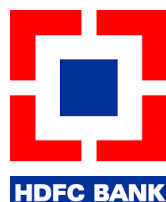
Faculty	Ph.D. Awarded (2016-2020)		
	Female	Male	Total
Arts	28	33	61
Commerce	04	08	12
Education & Psychology	19	20	39
Family & Community Sciences	29	01	30
Fine Arts	04	02	06
Law	04	01	05
Management Studies	00	06	06
Performing Arts	02	05	07
Pharmacy	16	29	45
Science	95	85	180
Social Work	14	04	18
Technology & Engineering	22	35	57



Some of the recruiters



GUJARAT STATE ELECTRICITY LTD.



Research Projects

Number of sponsored research projects
51

Funding for the sponsored research projects
Rs. 38 Crores

Number of Departmental/Faculty level projects
23
(2016-2020)

Departments supported under DSA scheme

Social Work

Educational Administration

Foods and Nutrition

Departments supported under DRS scheme

Gujarati

Botany

History

Applied Physics

Departments supported under FIST scheme

Geology

Statistics

Civil Engineering

Microbiology

Biochemistry

Applied Physics

Departments supported under CAS scheme

Education

HDFS

Chemistry

Number of Centres of Excellence and other Central projects
7

Total Funding for Departmental/Faculty level projects
Rs. 48 Crores

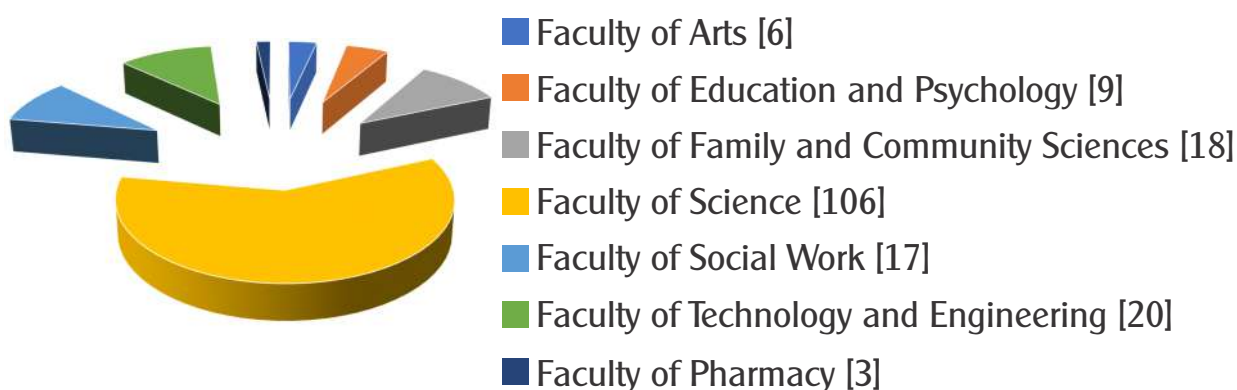
Research Projects above Rs. 25 Lakhs: 2019-20

1. Inventorization, molecular identification and characterization of Garcinia species from northeast India for isolation of polyisoprenylated benzophenones as taxol mimics, DBT, Dr. Laxmipriya Nampoothiri, Biochemistry (Rs. 81 Lakhs)
2. A Systematic study of potassium channels in Difference macrophage populations and its significance in metabolic disorder
DBT, Dr. Sanjeev Upadhyay, Biochemistry (Rs. 61 Lakhs)
3. Study of the role of TRIM-NHL proteins in regulation of miRNAs modulating mitochondrial functions in parkison's disease
SERB, Dr. Rajesh Singh, Biochemistry (Rs. 60 Lakhs)
4. Exosomal miRNAs patten as biomarker for ER/PR positive and negative breast cancer and metastasis
GSBTM, Dr. Rajesh Singh, Biochemistry (Rs. 59 Lakhs)
5. Climate Change Impact Assessment on Catchment Hydrology and Rainfall-Runoff response a river basin of Various Zones of a Gujarat State
GoG, Dr. Geeta Joshi, Civil Engineering (Rs. 53 Lakhs)
6. Characterization and targeting host Kinase genes to address mycobacterium tuberculosis infection in aging cells
DBT, Dr. Bijaya Haobam, Center for Cell and Molecular Biology (Rs. 39 Lakhs)
7. Thiophene fused Aza-azulene based conjugated Systems for Organic Electronic Devices
SERB, Dr. Arunkumar Patel, Chemistry (Rs. 37 Lakhs)
8. Fungal Mimicry of Host Chemical Defense; Plant Mediated RNAi-based investigation of riceblast fungus interaction
SERB, Dr. Rajesh Patkar, Microbiology (Rs. 33 Lakhs)
9. Design, synthesis and applications of coumarin containing helical molecules
DST-WOS-A, Dr. Rina Soni, Microbiology (Rs. 33 Lakhs)

Research Projects above Rs. 25 Lakhs: 2019-20

10. Development of tissue culture methods for large-scale clonal propagation of tomato (*Solanum lycopersicum* L) and molecular assessment of clonal fidelity of micropopagated plants, GSBTM, Dr. Sunil Singh, Botany (Rs. 29 Lakhs)
11. Exploring Boron-Based Nanomaterials for Compact and Highly Sensitive Neutron Deterctos by Bang Gap Engineering; A Combined Density Functional Theory and Experimental Approach, SERB, Dr. P K Jha, Physics (Rs. 28 Lakhs)
12. Creating Climate Resilient Gujarat - An Action Research on Hand-holding of the Local Authorities for Climate Resilience and Preparedness
GoG, Dr. M. N. Parmar, Social Work (Rs. 26 Lakhs)
13. Design and Development Efficient Compact Dielectric Resonator Antenna for Breast Cancer Detection
DST, Mrs. Sandhya Sharma, Electrical Engineering (Rs. 25 Lakhs)
14. Creating a Climate Resilient Gujarat: An Action Research on Hand-Holding of the local authorities for Climate Resilience and Preparedness
GoG, Dr. Bhavana Mehta, Social Work (Rs. 25 Lakhs)
15. Pharmacological Evaluation of optimized herbal formulation in a validated model of Rheumatoid arthritis with cardiovascular complications
DST-WOS-A, Ms. Trupti Dubey, Pharmacy (Rs. 25 Lakhs)

Sponsored Research Projects 2016-2020



Research Publications

Faculty of Arts	89
Faculty of Commerce	75
Faculty of Education and Psychology	37
Faculty of Family and Community Science	88
Faculty of Fine Arts	13
Faculty of Journalism and Communication	3
Faculty of Law	24
Faculty of Management Studies	5
Faculty of Performing Arts	16
Faculty of Pharmacy	63
Faculty of Science	266
Faculty of Social Work	16
Faculty of Technology and Engineering	219
M. K. Amin College	21
Polytechnic	11
Oriental Institute	7
Baroda Sanskrit Mahavidyalay	5

Number of publications in Peer Reviewed Journals and Conference proceedings
961

Number in SCOPUS
541
(July 2019 to Dec 2020)

Conference Presentations

Faculty of Arts	150
Faculty of Commerce	244
Faculty of Education and Psychology	33
Faculty of Family and Community Science	187
Faculty of Fine Arts	17
Faculty of Journalism and Communication	4
Faculty of Law	15
Faculty of Management Studies	6
Faculty of Performing Arts	51
Faculty of Pharmacy	16
Faculty of Science	149
Faculty of Social Work	16
Faculty of Technology and Engineering	133
Polytechnic	8
M. K. Amin College	46
Oriental Institute	4
Department of Physical Education	2

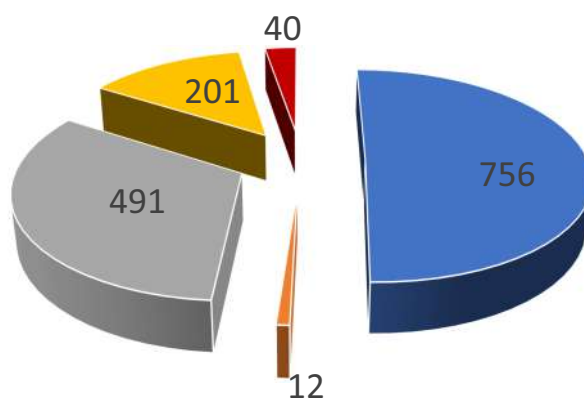
Number of presentations in Conferences and other performances
1088

Number of presentations in International Conferences
513

Number of presentations in National Conferences
516

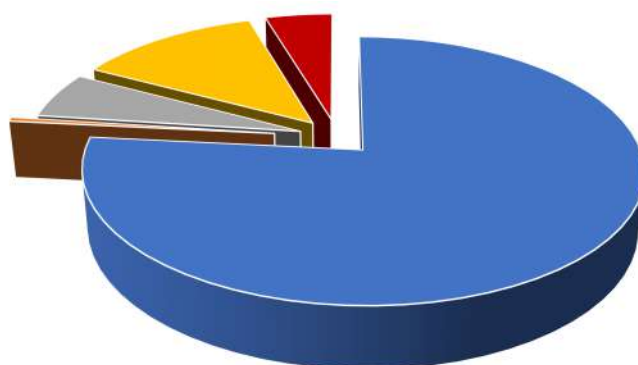
Scopus Indexed Publications 2016-20

Number of publications indexed in Scopus



- Faculty of Science
- Faculty of Commerce
- Faculty of Technology and Engineering
- Faculty of Pharmacy
- Faculty of Family and Community Sciences

Types of Publications



- Articles [1282]
- Books [8]
- Book Chapters [96]
- Conference Papers [211]
- Reviews [77]

Research Publications: Impact Factor and Citations

Number of publications in
Journals with Journal Impact
Factor higher than 10
02

Number of publications in
Journals with Journal Impact
Factor between 5 and 10
31

Number of publications in
Journals with Journal Impact
Factor between 3 and 5
139

Number of publications in
Journals with Journal Impact
Factor between 2 and 3
87

Number of publications in
Journals with Journal Impact
Factor between 1 and 2
76

Number of publications in
Journals with Journal Impact
Factor between 0.4 and 1
22

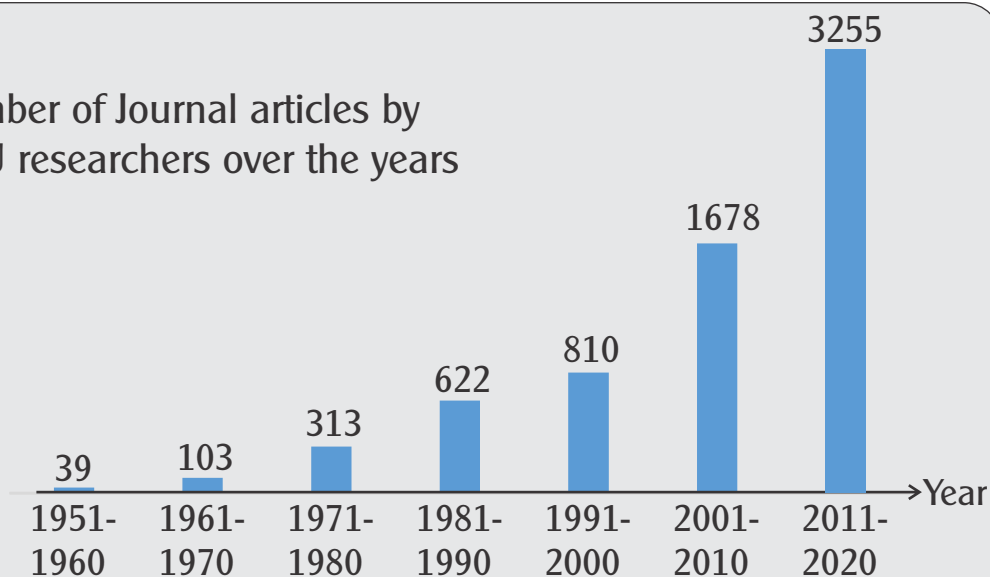
Average
Journal Impact Factor
3.06

Range of
Journal Impact Factor
0.425-12.109

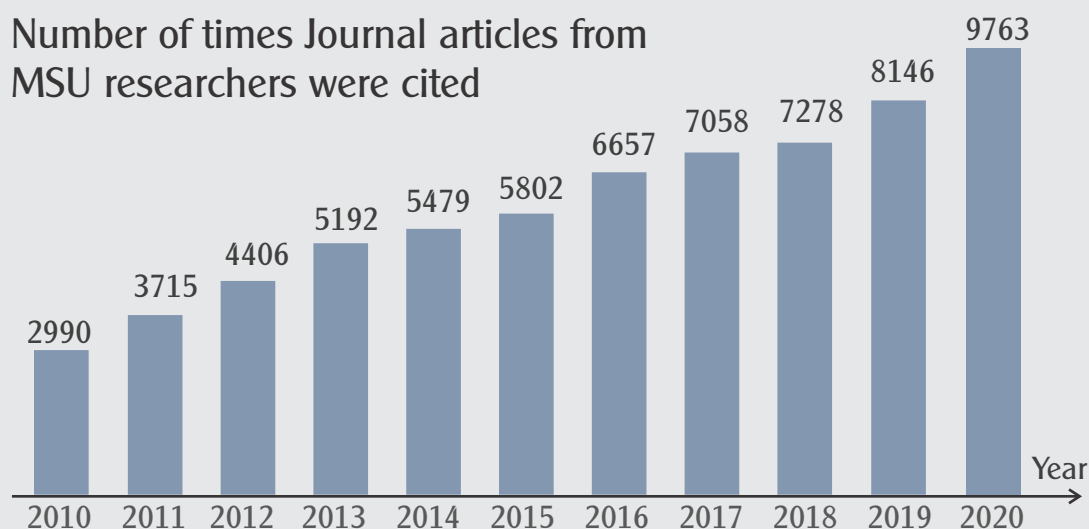
Data Source - Thomson Reuters and SCOPUS

Research Publications: Impact Factor and Citations

Number of Journal articles by MSU researchers over the years



Number of times Journal articles from MSU researchers were cited



Number of Publications with
100 or more citations
83

Number of Publications with
50 or more citations
326

H-index of the University
95
(87 in 2018-19)

i-10 index of the University
2408
(2091 in 2018-19)

Data Source - Thomson Reuters and SCOPUS

Collaborations and Linkages

MOUs with International Universities/Institutes/Industries
35
(2016-20)

MOUs with National Universities/Institutes/Industries
96
(2016-20)

National Collaborations
with
IIT, ISSER, IISc, NCBS, NCL,
TIFR, BARC, RRCAT, PRL, IPR,
NITs etc

International Collaborations
with
Cambridge Uni, Laval Uni,
Stuttgart Uni, Kieo Uni, Durham
Uni, Leicester Uni etc

Scholarships
For mobility to European Partner Universities for Interdisciplinary Research

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

Consultancy Projects and Seed Grants

Number of consultancy projects/
individual consultancies
52

Earning through Consultancy
Rs. 3.98 Crores

Number of seed grants provided
by MSU
133

MSU research funding through
seed grants
Rs. 97.3 Lakhs

Significant MoUs: 2016-20

Hope (The Leprosy Mission Canada) (Markham, Ontario) and Microbiology Dept. Faculty of Science: Project "Biomarkers for early detection of leprosy using comparative transcriptomics".

Seeding Labs USA and Microbiology Dept.: Under Seeding Labs Program Agreement, seeding labs agrees to provide certain repurposed, refurbished, and/or new laboratory equipment and supplies MSU for research and teaching Purpose.

European University of Viadrina, Frankfurt (Oder) and Dept. of German: Exchange of students, faculty and/or other staff, publications, promotion of academic and cultural activities and joint research projects.

University of Osnabrueck, Germany and Dept. of German: Exchange of students, faculty and/or other staff, publications, promotion of academic and cultural activities and joint research projects.

Cultural and Scientific Agreement between University Logo Name of the Partner University and **The Maharaja Sayajirao University of Baroda - Western Caroline University**

East Carolina University (ECU) USA : For inclusion as a partner University in the online course 'Global Understanding'

University of Education, Weingarten, Germany: To promote interest in teaching and learning activities of the respective institutions, to deepen the understanding of the economic, cultural and social issues that make up the environment of the institutions.

Beijing Youth Politics College (BJYPC): Concerning the mutual cooperation to explore the development of an academic exchange program, encourage contact and cooperation between their faculty members, departments and other affiliated institutes

HICS Company, Seoul, South Korea: Research and Academic Cooperation and exchange between two entities in the areas of optical imaging techniques for industrial and biological applications

The Hyogo Prefectural Government, Japan and The State Government of Gujarat, Republic of India: Mutual Cooperation, Academic Exchange Agreement between, The Maharaja Sayajirao University of Baroda

School of Social Work, Kadambari Memorial College of Science & Management, Kathmandu: Faculty and student exchanges, study abroad, collaborative research programs, seminars and workshops and service program.

Significant MoUs: 2016-20

Australian national University (ANU) Press, and Oriental Institute, The Maharaja Sayajirao University of Baroda: To publish a bilingual edition of Visnu Purana in English and Sanskrit

Nutrition International (Micronutrient Initiative), Ottawa, Canada and Department of Foods and Nutrition, Faculty of Family and Community Science: Conducting a validation of rapid test kit to test iodine and content of EFF-DFS against lab-based testing protocol

Department of Bio-technology, Ministry of Sciences and Technology, Govt. of India and Department of Bio-Chemistry: Assessment of therapeutic potential of γ -Aminobutyric acid (GABA) and calorie restriction diet in Type II diabetes.

Indian Institute of Public Health, Gandhinagar: To provide higher education opportunities for faculty, support staff and students of both Institutes and to explore other avenues for possible collaboration

Tata Consultancy Services Ltd.: To provide training services to improve employability of students, by improving their English communication skills, corporate etiquette, analytical thinking and problem solving skills, basic computer skills, confidence levels.

Department of Food & Public Distribution, Krishi Bhavan, New Delhi and Faculty of Family and Community Sciences: For undertaking concurrent evaluation of the implementation of National Food Security Act, 2013 (NFSA).

Entrepreneurship Development Institute of India, Ahmedabad and Faculty of Commerce To jointly design and launch programs related to entrepreneurship development, policy formulation and implement of various government and corporate sponsored programmes.

National Mission for Manuscripts and Oriental Research Institute: To establish conservation laboratory, appoint staff for conservation and start preventive care and remedial conservation of rare manuscripts of oriental institute and other collections.

Central Salt & Marine Chemicals Research Institute (CSIR-CSMCRI), Bhavnagar and Department of Zoology: Investigating anti-cancer activities of isolated marine natural compounds, research grants and scientific manuscript publications

The United Nations Children's Fund and the M S University of Baroda: Implementation of UNICEF funded Programmes relating to the UNICEF Country programme for India Country Office.

L&T and Metallurgical and Materials Department Faculty of Tech. & Engg.: Post Graduate Master of Engineering Programme in Welding Technology in MSU

Significant MoUs: 2016-20

To improve the research profile of the university and to encourage quality research from the university, monetary incentives for quality research output is introduced.

Encouragement to faculty members to publish in quality journals with high impact factor and bring in more research projects

Monetary incentives for research publications indexed in Web of Science or Scopus, based on Journal Impact Factor. Full Conference Proceedings papers indexed in Scopus is also provided monetary rewards.

Monetary incentives for Granted as well as for Published Patents and Copyrights. Monetary assistance for filing of patents

Certificate and monetary incentives for impact and influence measured in terms of citations earned for the quality research publications
(Life time, highly cited articles and yearly citations)

Financial incentives and letter of appreciation for research/academic awards and other recognitions for Teachers and Students

Financial assistance towards publication Charges and Conduction of Workshops, for travel, for attending Conferences, Field visits and Research Collaborations

Scholarships for Exchange Visits. Financial assistance for inviting collaborating researchers and hosting them at MSUB

MSUB Research Scholarship (MSUBRS) Scheme for Ph.D. students consisting of a stipend of Rs. 10000 per month and Contingency grant of Rs. 10000/8000 per annum.
100 such scholarships institutionalized

To build, sustain and enhance research culture in the MSUB, the University will be establishing 'Research Cell' at the faculty/college level for orienting, channelizing, and enhancing research skills and abilities among students and faculty members.

Notable Awards and Recognitions (2016-2020)

Professor Kalpana Gavali	Yogini lalleshwari Manishi Sahitya Award and Sahitya Saurabh samman
Ms. Jyotsna Phanse	Lehrerfortbildungs Program Austrian Ministry Fellowship for Teaching German as a Foreign Language
Professor K Krishnan	La Trobe Asia Visiting Research Fellowship from La Trobe University Australia
Dr. MayaPrakash Pandey	Bharat Gaurav Award from India International Friendship Society
Ms. Jyotsna Phanse	European Union Erasmus Plus Ka107 Fellowship - Staff Mobility Program for Internationalization of Higher Education
Dr. MayaPrakash Pandey	Bharat Gaurav Award from India International Friendship Society
Mrs. Niketa Kshirsagar	Baden Wuerttemberg Stipendium One Semester Study abroad Fellowship

Publications (2016-2020)

Publications in Journals and Conference Proceedings
345

Papers presented in International and National Conferences
567

Books/Book Chapters Published
62

Expert talks delivered
183

Research Funding

Number of Centrally funded
Departments
03

Research funding through
Central Projects
Rs 190 Lakhs

Central Funding Schemes
UGC-DRS

Number of sponsored
Research Projects
20

Research funding through
sponsored Projects
Rs 169 Lakhs

Number of
Ph.D. supervisors
49

Number of
Registered Ph.D. students
190

Major Research Projects (2016-2020)

Terracotta Art Of Ancient Gujarat, UGC, Dr. S. S. Pramanik.

Promoting Sustainable Pilgrimage And The Protection Of Heritage Sites In Gujarat And Uttar Pradesh, UGC-UKIERI, Prof. K. Krishnan

Special Assistance Program-Departmental Research Support Phase II (English), UGC

A Critical Study Of Indian Dalit Autobiographies As The Social, Cultural And Literary Document In The Context Of Indian Dalit Movements, UGC, Dr. B. C. Pandya

Mauritius Ke Sahityakaron Ka Hindi Sahitya Me Yogdan: Ek Adhyayan, UGC, Dr. K. N. Gavli

Gujarati Literature and Cultural Resurgence: A study of Gujarati Literature during the 19th and 20th Centuries, ICHR, Dr. Dilip Kataria

Situating Scientific Environment and institution Building in india: Vikram Sarabhai and his Times, ISRO, Prof. Adhya B. Saxena

Excavations at Nani Rayan, Mandvi, Kutch, The M S University of Baroda, Mr. P S Panikker

Major Research Projects (2016-2020)

A Comparative Study Of Gujarati And Rajasthani Folk Songs, UGC, Dr. D. P. Jadeja.

History Of Land Revenue Administration In Gujarat, GoG, Dr. A. Awasthi.

Special Assistance Program-Departmental Research Support Phase II (English), UGC

Digitization Of Haribhakti Collection Of Manuscripts At The Department Of History, Haribhakti Raneshwar Mahadev Sansthan Chariatable Trust, Dr. A. B. Saxena

Digitalisation Of Haribhakti, Shamal Bechar & Bombay Presidency Collection, UGC-DSA Program, Dept. of History.

Situating Scientific Environment And Institution Building In India: Vikram Sarabhai & His Times, ISRO-SAC, Dr. A. B. Saxena.

Huzur Hukums Of Maharaja Sayajirao III: Literary, Cultural And Sociological Study, UGC, Dr. S. Karandikar.

Metamorphosis Of The Political: Comparative Perspectives On The Long Twentieth Century, Max Weber Foundation, German Historical Institute, London and Government of India, Dr. L. P. Chatani.

Holy Lands: Scoping the Nexus between Heritage, Pilgrimage and Diaspora in India, ICHR Prof. K. Krishnan

A study of contemporary status of women living in vadodara city: A holistic approach, NITI AAYOG, Ms. Jayshree Chavda

Student activities

Weekly student seminars

Story Telling Competitions

Workshop On Passion For Excellence

Essay writing/photography etc on "Celebrating Nature"

Screening of Indian and Foreign Language Films

Symposia / Conference / Workshops

National Symposium on Jammu, Kashmir And Ladakh:
The Road Ahead on 24 January 2020

National Seminar on "Electoral Reforms in India: Issues and
Challenges" on 23 January 2020

National Conference on Geo-Strategical Importance of Himalayan
Region and its Historical Significance on 12 October 2019

National seminar on KNowPlastics - creating awareness against
use of plastics on 06 October 2019

1st National Workshop on "The Construal of Ideal Governance in
Greek Thought" organized under the aegis of Prof A H Somjee and
Dr. Geeta Somjee Colloquium on Political Science 03 October 2020

National Seminar on 'Sanskrit Works of P.P. Tembe Swami Maharaj'
on 15 December 2019

National Seminar on Relevance of Jain Philosophy
on 11 March 2020

Other Activities

Lecture Series on "Maharaja Sayajirao Gaekwad III – The
Connoisseur of Arts" on 11 March 2020

Self Defense training Programme for Girl students on
29 February 2020

Chhatra Unmukh Sahitya Prashiksan Shibir on 06 February 2020

Inauguration of Center for Spoken Sanskrit, Certificate Course in
Spoken Sanskrit - Level 1 on 14 October 2019

Women's Studies: Interdisciplinary Perspectives:
Women and Literature on 14 September 2019

Other Activities

Sayaji Literature Festival from 11 to 14 February 2020.

Two lectures under Tagore Chair Lecture Series on 11 January 2020

"Once Upon A Constitution" - A Story Telling Event on 23 December 2019

Rice Workshop 2019 Vadodara, The 4th Early Rice Project Symposium on 20 October 2019

Reading of 'Hind-Swaraj' - poetry on Gandhi, an event conducted in Gujarati, Hindi, English and Urdu on 19 October 2019

Workshop 'Process of Reading' on 22 September 2019

Commencement of Year long Event on Commemorating Mahatma Gandhi 150 Birth Anniversary: Gandhi Today & Beyond, 10 Nov 2019

On-the-spot essay writing competition on Relevance of Gandhi on 03 September 2019

Letter writing Competition 'Dear Gandhi' on 02 September 2019

Constitution at 70: Revisiting its Creation and Legacy - Panel Discussion on 13 February 2020

Seminar to celebrate 150 years of Gandhi on 04 September 2019

Screening of Two TED Talks and Discussion by Lera Boroditsky and Keith Chea on 10 January 2020

Valmiki-Ramayana Sundarakanda Patha-satra on 18 October 2019

Lecture on "Gandhi as a Critic of Liberalism" by Prof. Faisal Devji, Professor of Indian History, Fellow of St Antony's College, University of Oxford, on 30 July 2020



Institutionalization of The Parekh Lectures,
Prof. Bhikhu Parekh (Dept of Political Science) 07-02-20



Dear Gandhi-A Letter Writing Event
Gandhi Today and Beyond 04-09-19



National Seminar: Electoral Reforms in India (Dept of Political Science) 23-01-20



Professor Ramin Jahanbegloo,
University of Toronto, Canada 15-11-19



Professor Akeel Bilgrami, Columbia University
(FoA Tagore Chair Lecture) 13-01-20



Professor Varun Uberoi, Brunel University, UK on 06-01-20

Awards and Recognitions

Prof. Parimal
H Vyas

MTC Global Rooshikumar Pandya Life Time Achievement Award 2019, Management Teachers Consortium-Global (MTC Global)

Prof. Parimal
H Vyas

Nominated as 'UGC nominee on University Court of Delhi Technology University, Delhi

Mr. Bhagirath
Baria

Young Researcher Award - 2019, International Academic Excellence Awards - 2018-19, by Environmental Advisory for Sustainable Trust (EAST)

Ms. Purvi
Chavla

Global Outreach Management Award 2019 for her excellence in Young Researcher in Human Resource Management at ISM, Patna.

Best Paper Awards

Mr. Bhumit Shah

Dr. Baxiskumar Patel

Mr. Bhavin Rajput

Ms. Sana Pathan

Mr. Jignesh Shah

Ms. Urvashi Mishra

Publications (2016-2020)

Publications in Journals and
Conference Proceedings
396

Papers presented in
International and National
Conferences
484

Books/Book Chapters
Published
40

Expert talks
delivered
139

Research Funding (2016-2020)

Number of sponsored Research
Projects (Major+Minor)
16

Research funding through
sponsored Projects
Rs 46 Lakhs

Number of
Ph.D. supervisors
29

Number of
Registered Ph.D. students
55

Student activities

Eco Tourism organized on 26 December 2020

Presentation contest: Investment Avenues in India, 06 July 2019

Celebration of 'National Voters' Day' on 25 January 2020

Youth Festival organized on 18 January 2020

Extension Activities

Grassroot Innovation-Social Entrepreneurship (One day Capacity Building Program for Students) on 21 December 2020

Webinar on COVID-19 and its aftermath: A global dialogue on gender equality and women rights on 29 October 2020

Webinar on Role of Technology in effective governance and leadership for higher education institution on 24 October 2020

Workshop on Women Entrepreneurship and New Enterprise Management on 12 October 2020

Workshop: Promoting Women Entrepreneurship in India, 12 October 2020

Conference: Leading your way through economic crisis, 22 June 2020

One-Day National E-Conference on 'Covid-19: Its Impact on various Sectors' on 26 June 2020

Two-Days Workshop on 'Ethics as if People Mattered' 19-20 Feb 2020

Collaborative Meet with Japanese Delegates on 8 January 2020

Workshop: "Excellence in CMIE Database" on 19 November 2019

Workshop: HR & Marketing Skill Development Programme "Cogni-e-Motion" 2019 : 14th to 18th October - 2019

Awareness Programme on Sexual Harassment of Women at Workplace on 09 October 2019

Student training Programmed by Office of Training and Skill Development on 05 August 2019

Celebrated GST day jointly with the office of Assistant Commissioner GST and organised GST quiz on 09 July 2019



Motivational Talk, Mr. Harold D'Souza
Member of United States Advisory Council on
Human Trafficking, Alumnus of MSU, 15 Nov 2019



The Income Tax Day, 23 July 2019



TALK MASTER 2019, 16 November 2019



Alumni Meet 19th July, 2019

MSU-ની કોમર્સ ફેકલ્ટી ખાતે યોજાયેલા વર્કશોપમાં ગ્રેજુએટ જણાનું મનન્ય
ઇકોનોમી ક્ષેત્રે ટકાઈ કારકિર્દી ઘડવા રિસ્ક
ડેવલપમેન્ટ સહિત ઓવરઓલ વિકાસ જરૂરી



Expanding the Horizons: Rediscovering the possibilities" 18th Sept. 2019

Awards and Recognitions

Dr. Balvantbhai Parimal	Felicitation of One of the best Teachers award in Gujarat given by International Lions Club
Dr. Dhvani Patel	Best paper in the Scientific Session at the 2nd ICOP 2019 Conference
Dr. Gitanjali Roy	Best Paper Award in Indian journal of Psychology and Education, Vol 1& 2
Dr. Dhvani Patel	Best paper in the Scientific Session at the International Conference of Military Psychology

Publications (2016-2020)

Publications in Journals and
Conference Proceedings
152

Papers presented in
International and National
Conferences
252

Books/Book Chapters
Published
36

Expert talks
delivered
179

Research Funding (2016-2020)

Number of Centrally funded
Projects
04

Research funding through
Central Projects
Rs 3588 Lakhs

Number of sponsored
Research Projects
21

Research funding through
sponsored Projects
Rs 326 Lakhs

Major Research Projects (2019-2020)

Inter University Centre For Teachers Education (IUCTE), MHRD, Dept of Education.

Effectiveness Of Open Book Examination At Different Levels Of Education, ICSSR, Dr. J. das

Development Of Value Integrating And Sustainable Models Of Home Based Care, ICMR, Dr. U. N. Biswas

Developing Modules On Leadership Qualities Of Educational Leaders, UGC-DSA Programme, Department of Educational Administration.

CAS Programme, Department of Education

Development of Repository on Research in Educational Management Policy Making, UGC-DSA

Development of MOOCs on Policy Making in Education, UGC-DSA

Development of MOOCs on Curriculum Design and Development, UGC-DSA

Construction and Standardization of work place Happiness Scale for teachers, ICSSR, Prof. R. C. Patel

A Study on Career Aspirations of Women in Higher Education, UGC-DSA

Early Learning and Development Standards, CECED, Prof. R. C. Patel

Training Programme Under School Leadership Academy in The State, NUEPA, Prof. S Pathak

Other Activities

Prof. Jayanti Basur Department of Psychology, University of Calcutta delivered lecture on PofessorLecture on Qualitative Research and qualitative methods on 13 July 2019

Dr. Satbir Bedi, IAS, Chair person, NCTE, New Delhi was Chief guest for the International seminar organised under IUCTENCTE, New Delhi

Number of
Ph.D. supervisors
12

Number of
Ph.D. students
70

Student activities

Cleaned campus on 2nd October 2019.

Story Circle & Drum Circle, Ms. Kruti Bakshi, Ms. Prapti Suriya, 02 Aug 2020

Clinical psychology: as a career, Ms. Aditi Dubey on 29 February 2020

Experiences of a Trainer in Organizational Psychology, Dr. K. Motanpotra on 28 February 2020

Demo of New Mobile app "WeSay" M. C. Radhakrishnan, 26 February 2020

Human Resource Management System, Vijay Rajani, Mr. Arun Kumar 18 January 2020

Mental Health in Menstruation, Mr. Rangam Trivedi and Ms. Krishna Tatni 01 January 2020

Global HR Trends and Skill Sets, HR Career Perspectives: National and International, Mr. Rajendra Inda, 16 December 2019

Other Activities

EMOTIONS In-House Placement Training sessions

A workshop on Awareness to Life Skills on 31 August 2019

Faculty Induction Programme for Newly appointed Teachers of Higher Education, 05 July 2019

Preperation of Herbarium organized for biology method students 17 July 2019



'National Education Policy (Draft) 2019, 24th July 2019



"Fulbright Fellowship Opportunities in USA"
Dr. Ryan Pereira, Regional Officer
US-India Educational Foundation(USIEF)
4th February 2020



International Conference
Inclusive Education:
Present Perspectives and
Future Prospectus"
24 January 2020

Prof. Umesh Sharma,
Academic Heads,
Faculty of Education
Monash University,
Australia



Awards and Recognitions

Prof. Shagufa Kapadia	Indic Academy Center for Indigenous Sustainability Fellowship
Dr. Rachana Bhangaokar	Associate Editor, British Journal of Guidance and Counseling
Prof. Sirimavo Nair	Selection as panel scientist in Global Summit of Overseas/Resident Indian Scientists/Academicians.
Prof. Vanisha Nambiar	Global Finalist for Team Goldmine at the Fowler Global Social Innovation Challenge.
Prof. Vanisha Nambiar	COVID-19 : Operational Planning Guidelines and Partners Platform to support country preparedness & response, WHO Health Emergencies Program, Geneva
Dr. Namita Bhatt	Early Career Scholar Award and Travel Grant from Foundation, Zurich
Prof. Vanisha Nambiar	Outstanding Service to Diabetes India to Felicitation during the 9th World Congress of Diabetes with a Citation

Publications (2016-2020)

Publications in Journals and
Conference Proceedings
288

Papers presented in
International and National
Conferences
603

Books/Book Chapters
Published
43

Expert talks
delivered
227

Research Funding (2016-2020)

Number of Centrally funded
Projects
02

Research funding through
Central Projects
Rs 225 Lakhs

Number of sponsored
Research Projects
17

Research funding through
sponsored Projects
Rs 188 Lakhs

Major Research Projects (2016-2020)

Concurrent evaluation of the implementation of National Food Security act in the state of Gujarat, GoG, Prof. Sirimavo Nair

Development and Field Testing of Parenting Education and Skill Development Modules for Rural and Urban Regions of Gujarat, India, UNICEF, Prof. Shagufa Kapadia.

Utilization of Banana Pseudostem for Textiles, NFSA, Prof. Anjali Karolia, Dr. Amrita Doshi

CAS, Human Development and Family Studies

DSA, Foods and Nutrition

Validation of kits for Double Fortified Salt, Nutrition International, Prof. Sirimavo Nair

Training for Income Generation amongst Low SES Adolescent Girls and Women of Baroda City, CSR of ONGCL Vadodara, Dr. Anuradha Mathu

Impact Assessment for Effectiveness of Madhyamik Siksha Program, Larsen and Tubeco, Power Inc, Vadodara, Dr. Avani Maniar

Documenting on Dietary Practices including complementary feeding and dietary diversity, and Anthropometry based Nutritional Status of mother-child (6-23m) Dyad for selected tribal districts of Gujarat, UNICEF, Prof. Meenakshi Mehand & Dr. Hemangini Gandhi

Designing Food Stalls Operating on Solar Energy for Energy Conservation and Reduction in Pollution, ICSSR-IMPRESS, Dr. Sarjoo Patel

Conducting a validation of rapid test kit to test iodine and iron content of EFF-DFS against lab-based testing protocol, DFS, Prof. Sirimavo Nair

Assessment of strengthening community network for MIYCN in sabarkantha district, UNICEF, Dr. Hemangini Gandhi

Nutritional Assessment of Young Adult Girls Studying in Adarsh Nivasi Shalas, TFP, Dr. Swati Dhruv

Number of
Ph.D. supervisors
24

Number of
Ph.D. students
61

Other activities

International Conference on: Indigenous Textile Crafts: Global Markets and Trends, 03 October 2019

Webinar on Parenting in Digital ERA, 01 September 2020

Webinar on National Education Policy 2020: Structural and Curricular Reforms in Higher Education, 30 September 2020

National Webinar on Revised NAAC Assessment and Accreditation Process for Universities on 08 July 2020

MSUFNAA Alumni Meeting, Students Event, 21 December 2020

Webinar on Digital pathways: connecting the dots for sustainable craft ecosystem, 15 October 2020

International Webinar on Pediatric Nutrition, 21 June 2020

International Webinar on Nutrition in fitness and sports, 19 June 2020

International Webinar on : Social Innovations in Public Health Nutrition 17 June 2020

Envisaging Professional Opportunities in Apparel and Textile Design..Now and Beyond, 15 June 2020

National Webinar on Food Products-Innovation & Launching, 15 June 2020

Webinar on The Needle Narratives, 14 June 2020

International Webinar on Food Service Management & Entrepreneurship 13 June 2020

International Webinar on Upscaling Food Science and understanding Food Product regulations in Global Markets, 12 June 2020

International Webinar on Global trends in Dietetics practice, 07 June 2020

Other Activities

International Webinar on Current Updates and Challenges in Public Health Nutrition, 05 June 2020

Post Covid: Challenges and Opportunities: Design and Craft: Gloom to bloom, 23 May 2020

Post Covid: Challenges and Opportunities: Fashion retail landscape: the future 2021, 22 May 2020

Post Covid: Challenges and Opportunities: Garment and textile sector: survive and revive, 21 May 2020

Aavaran 2.0 - Exhibition cum Sale Entrepreneurship Development and Product Manufacturing, 14 March 2020

Open House 19-20 and MERAKI Exhibition, 14 March 2020

Corona virus awareness session by the team of doctor and nurse of University Health Center, 13 March 2020

Workshop on Newer Trends in Dietetic Practice, 06 March 2020

Walk with an Architect - Ar. Shourya Patel, 12 February 2020

Cinephelia 2020: An Annual Workshop on Film Making, 25 Jan to 01 Feb 2020, Screening on 05/02/20

Arparam - Youth Festival 2020 - Sports activities, 05 February 2020

Blood Donation Camp, 31 January 2020

Value Addition workshop in collaboration with Pidilite Company, 29 Jan 2020

Training Programme on Entrepreneurship Development with Govt of Gujarat 20 January to 04 February 2020

Educational Tour to Delhi, Industrial exposure to students, 07 January 2020

"Role of Citizens in cleanliness at Tourists Places" and "Role of School Students in maintaining Cleanliness & Government Initiatives", 19 Dec 2019

LA-ESTILO 2019 - Fashion Show, 19 October 2019

5th International Textiles and Costume Congress 2019, 03 October 2019

Breastfeeding Week Celebrations 2019, 1 to 7 August 2019

Educational Visit: Underconstruction site under Building Services-I, 13 Jul 2019



Brest Feeding Week from 1st to 7th August 2019



Consumer protection and Food Safety, 7-8 September, 2018



'Corrugated Furniture' by Mr. Nehaal Kinariwala
(Interior Designer from Ahmedabad)
15th - 16th September, 2018



'Prevention & Dietary Management of Diabetes Mellitus', Dr. Swati Dhruv, 14th Nov. 2019



"Materials: Use and its Respective Applications in Interior Designing" Mr. Nehaal Kinariwala, Principal Interior Designer Ahmedabad, 10th December 2019



Community Outreach Activity On 17th December 2019



"A Walk without Fear" Lt. Col. Rohit Mishra, 26 January 2020

Publications (2016-2020)

Publications in Journals and
Conference Proceedings
44

Papers presented in
International and National
Conferences
63

Books/Book Chapters
Published
4

Expert talks
delivered
68

Number of
Ph.D. supervisors
11

Number of
Registered Ph.D. students
24

Individual Performances / Presentations

Prof. Ambika Patel

Elected as Board Member of
ICOM - ASIA Pacific

Dr. Nijalingappa
Bagodi

Invited to be a member of Advisory
Committee of NGMA

Dr. Nijalingappa
Bagodi

Confluence Celebrating India Bangladesh
Printmaking, Exhibition of Prints

Kashyap Parikh

Participation in World Art Exhibition
at Dubai

Kashyap Parikh

Participation on International Creative
drawing exchange program 2020

Individual Performances / Presentations

Debraj Goswami	Perseverance, Exhibition of Paintings organized by Ampas Art Gallery
Kashyap Parikh	ORA 2020 by MOJARTO
Kashyap Parikh	Love Revolution art Online Exhibition BY ICCR
Kashyap Parikh	INDIA-RUSSIA CULTURAL EXCHANGE
Indrapramit Roy	Malhar: a lyrical exposition, Invited online Curated Group Exhibition
Indrapramit Roy	The Environmental Situation Room Curated Group Exhibition, MVA students
Kashyap Parikh	Art awareness and Artificial intelligence beyond the Pandemic Crisis
Kashyap Parikh	Visual Art, Skills, Communication and Management
Piyush Thakkar	Aapno Ghadik Sangha: An Archival Interview with Prof. Deepak Kannal
Indrapramit Roy	A Tapestry of Time: Celebrating 20 years of Tao
Indrapramit Roy	Urban Ruminations: Visual Responses to the City
Kashyap Parikh	GIR VALLEY ART CAMP
Debraj Goswami	Art Bengal - Now , Dhoomimal Art Centre, Exhibition organized by Gandhara Art Gallery
Jayantilal Rabadiya	Group Show: Indian-African artists on Mahatma Gandhi International show
Anju Pawar	Fine Arts Alluminine show

Activities

Glass Workshop, Mr. Vijay Roy, Fine art fair - 2020, December 13, 2020

Fine Arts Fair, Exhibition, February 20, 2020

Clay Tavadi Workshop, Learning the techniques of Clay, Pottery and Ceramic on January 12, 2020

'Fine Arts Fair 2020' Student Event on January 12, 2020

Illustrated Talk: Biggest Art is Life, Nirali Thakkar on December 23, 2019

Lithography Language & Technique, Presentation & Talk, December 17, 2019

International Workshop on Conservation of Cultural Heritage on December 15, 2019

Artist's Book Making One Day Workshop conducted by French artist Anny Blaise Resnik on December 12, 2019

'ABS-Traits, Art of Bookmaking' by Anny Blaise Resnik, France, December 12, 2019

Workshop on Advanced Lithography & Intaglio technique, conducted by internationally acclaimed printmaker and alumni of Faculty of Fine Arts, Mr. Dakoji Devraj, New York, USA. 10 - 20 December, 2019

Terracotta clay relief work demonstration, Pottery & ceramic, December 3, 2019

Dhokra workshop, Traditional method of Dhokra casting, November 29, 2019

India Through European Eyes, Exhibition on November 15, 2019

Workshop and Exhibition on Alternative Photography and printing by Rajat Gajjar, Alumni, Faculty of Fine Arts, October 18, 2019

Glass fixing with UV lights workshop, Mr. Nikunj Kalgiwala, October 11-13, 2019

Workshop on Gum Bichromate & alternative Photography Techniques October 7, 2019

National Printmaking Workshop 2019 in collaboration with Lalit Kala Akademi, New Delhi, 1-8 October, 2019

Art exhibition on 150th Birth Anniversary of Mahatma Gandhi, September 30, 2019

Activities

Sunando Sanyal, Illustrated Talk: Sharing or Trespassing?
The Politics of Cultural Appropriation, December 21, 2019

Timothy Hyman, Illustrated Talk: A Convergence: Stumbling into
"Baroda", December 16, 2019

Wooden Toys Workshop - Traditional method of wooden toy making
December 12, 2019

Screening of a documentary film "Oh That's Bhanu!" followed by
discussion with the Director of the film R. V. Ramani, December 9, 2019

Paper Mache - Learning the techniques of how to make sculpture
out of paper Mache, November 23, 2019

Chaitanya Sambrani, Illustrated Talk: "Careers of Internationalism:
Baroda and Bandung", November 20, 2019

Paper Toys Workshop - Origami, November 5, 2019

Poster making event on Anti Corruption by Powergrid Corporation,
Vadodara, Student Event, October 13, 2019

Anil Relia, Illustrated talk: Making of film Gaja Gamini, October 10, 2019

Exhibition of 19th Century Miniature Portraits, the collection of Anil
Relia, October 10, 2019

Annu P. Mathew, Illustrated Talk: Between Three Worlds, October 7, 2019

Chandrakant Ojha, Talk on Art Materials produced by Camlin
September 19, 2019

Workshop on Museum Infographics in collaboration with IGNCA,
Vadodara on September 6, 2019

Activities

Research Interaction with Ms. Deborah Schorsch, Senior Conservator,
Conservation Department, Metropolitan Museum of Art, New York
20 February 2020

Manish Soni, Calligrapher and Type Designer, Lectures under
Visiting Fellows, December 30, 2019

Addy Blaise Resnik, International Artist from Paris, France
Exhibition, Demonstration, Interactive Session, December 12, 2019

Devraj Dakoji, Eminent Artist & Printmaker, New York, Workshop on
Advanced Lithography & Intaglio Technique, December 10, 2019

Dr. Li Thi Lien, Scientific Advisor, VIETNAM, Special Lecture and Museum Visit, November 11, 2019

Prof. Y S Alone, School of Art and Aesthetics, JNU, New Delhi.
Lecture at the National Graduate Seminar, September 28, 2019

Dr. Bindu Bhadana, Art Historian, "University of Heidelberg, Germany
Delivered Lecture titled "Contemporary Indian Art in a Post-National
Context, July 29, 2019

'Paper Mash'
6th - 12th
July 2019



ફાઈન આર્ટ્સમાં IGNCના સંયુક્ત ઉપક્રમે પેપર મેશે વિશે વર્કશોપ યોજાયો

પેપર-પલ્પમાંથી સ્કલ્પચર બનાવવાની અપાઈ તાલીમ

એમ.એલ. યુનિયનિસ્ટીની કાર્યવાહી સંકલિત સંકલિત મુદ્દા વિચારણામાં
ગત તા. ૧૬ જુલાઈથી ૧૨ જુલાઈ સુધી કેટલી ઓછા કાર્યવાહીમાં અને
ઉંદરના ગોળી મેળવવા સેવર કોરે બે આર.ટી.સી. કાર્યવાહીમાં સેવરના
સંયુક્ત ઉપક્રમ મેળવે વર્કસાઈટમાં આજોગ્ય કલ્યાણમાં છે. જેમાં
પ્રધાન મંત્રી સંકલિત કંદ વર્કસાઈટ (સુ. વિચારણાઓ) મેળવે મેળવે બચાવવાની
પ્રક્રિયા સંકલિત મેળવે વિચિત્ર સાર્વજનિક સંકલિત બચાવવાની તાલીમ
સંકલિતમાં આવી હતી.

આ કારણે પેશાબ માલિની બગવાઈ માઈગ્રેન્ડોન્સીસ સાથે જોવાઈ છે. પેશાબના કાંઈ જણાવ્યું હતું છે. આ નિષ્ક્રિય રોગ છે. જેમાં સર્વે પેશાબીનીની પેશાબમાં જીંદ પેશાબ સાથે બગવાઈ લીધી થાય છે. પેશાબીની જાહેર પેશાબ પાણીની સાથે પાન બનાવી રાખે છે. પેશાબ સાથેની માલિની બગવાઈ છે. આ માધ્યમથી ૨ કલાક સુધી સમયગત પણ બગાવાઈ છે પણ તેમાં અનિયમ નબળી જુદી થઈ. તેજ પેશાબ સાથે જાહેર પેશાબની સાથે નીચે કાઢવામાં આવે તો લાલગાળી થી જુદું નથી. આથી આ માધ્યમ કારણમાં રહ્યું નથી કારણકી ઉપચાર થાય છે. આ માધ્યમ માટે માઈગ્રેન્ડોન્સીસ સાથે બગાવાઈ ને બગાવાઈ રજીડી છે. આ કારણથી વિવિધ વિભાગમાંથી ૦૦૦ સુધી બગાવાઈ પેશાબ લીધી છે. કારણકી બગાવાઈ ને સર્વે પેશાબીનીની બગાવાઈ પેશાબ પેશાબના સાથે જોડીને આ માટે સમયગત નેકાર કરીયું. જેથી પેશાબીનીની બગાવાઈ સાથે પેશાબ બગાવાઈ થાય છે.



પ્રખ્યાત શિલ્પકાર ચંદ્ર પરકાશ દ્વારા એમ.
એસ. યુનિવર્સિટીના વિદ્યાર્થીઓને પેપર મેશે
નવાનગી વિધિ તકનીક શીખવવાઈ

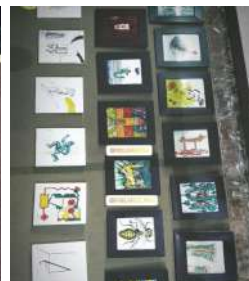




'SPIC MACAY' Smt. Arati Ankalikar Classical vocalist (Sardari Beghum fame) 22nd October, 2019



Launch of Book "Art of Naina Dalal: Contemporary Indian Print Maker, 28-29 December, 2020



Annual Fine Arts Fair organized on 11th – 12th Jan 2020.

Publications (2016-2020)

Publications in Journals and
Conference Proceedings
8

Papers presented in
International and National
Conferences
1

Books/Book Chapters
Published
5

Expert talks
delivered
15

Number of
Ph.D. supervisors
1

Number of
Ph.D. students
4

Activities

Launch of Itivruit, Action Communication Project, March 14, 2020

Workshop on Understanding Cinema, February 1, 2020

Press Visit to The Times of India Baroda Press at Por, Sept 20, 2019

'Kafila Festival' from 14 to 16 March 2020 - students participated in R.J. war, Ad making, Debate, Photography Competition, Treasure Hunt, Solo Singing, and Solo Dance.

Fit India Movement, August 29, 2019

A session on 'Working with VIPs as a freelance PR Professional' for UG/PG students, January 25, 2020

A session on current scenario and trends in Media Industry for UG students, December 21, 2019

Activities

An interactive session on Public Health Communication for PG students on December 18, 2019

A workshop on Language and Writing Skills for PG students
October 7, 2019

A session on Fundamental Rights in the Indian Constitution for
PG students on September 30, 2019

Press visit to The Times of India for UG/PG students, September 20, 2019

Orientation to Consumer Rights and How to file RTI Application
September 7, 2019

A session on how to prepare a Grant Proposal for Human Rights
Issues on July 29, 2019



Awards and Recognitions

Dr. Namrata Luhar

Best Participant Award at Prof. N. R. Madhava Menon Refresher Course for Law Teachers

Dr. Manisha Banik

Best Research Paper in National Seminar on Law and Social Transformation

Dr. Manisha Banik

Eminent Contributor in Yi initiatives of CII-Yi project 'Awakening India'

Mr. Umang Modi

National Youth Icon Award 2019

Dr. Namrata Luhar

IP Academician of the year 2019 by Intellectual Property Promotion & Outreach Foundation, Ahmedabad

Ms. Tarakeshwari Bulusu

Best Paper Presentation, Third International Conference on Contemporary Legal Issues Greater Noida, Uttar Pradesh

Publications (2016-2020)

Publications in Journals and
Conference Proceedings
85

Papers presented in
International and National
Conferences
54

Books/Book Chapters
Published
19

Expert talks
delivered
55

Number of
Ph.D. supervisors
4

Number of
Ph.D. students
9

Activities

Webinar on Cyber Crimes: Causes & Cure, November 28, 2020

Online Lecture Series on “Constitution by Constitution for Common Man”, November 26, 2020

Webinar on “Cybercrime: causes & Cures”, October 28, 2020

Holistic Education through National Education Policy 2020, September 4, 2020

Webinar On “Transformative Constitutionalism” June 22, 2020

National Webinar on Film Censorship, June 19, 2020

Career Avenues in Law: In India and Cross Borders, June 10, 2020

Webinar on “Career Avenues in Law: In India and Cross Borders” June 10, 2020

Webinar on Cybersafety in Cyberspace, June 2, 2020

Webinar on Career in Law, May 23, 2020

National Webinar on Human Rights, Fundamental Rights and Covid-19 on May 15, 2020

International Webinar on “Online Dispute Resolution in the COVID-19 Era” on May 10, 2020

Webinar On “Drafting of Patent Application” on May 2, 2020

Webinar on POCSO Act, 2012 on April 15, 2020

IPR Awareness Programme on March 14 and 25, 2020

Orientation Program on Gandhi Fellowship on March 11, 2020

Extra- Mural Lecture on Leadership on March 5, 2020

Activities

IPR Awareness Programme, March 2 & 4, 2020

National Law Fest - Lux Et Veritas on February 28, 2020

IPR Awareness Programme, February 18 & 25, 2020

Basic Training Programme on Human Rights, February 24, 2020

Career Counseling in Law, February 24, 2020

Awareness Program on Laws relating to Women and Children
February 19, 2020

Lectures by Visiting Fellow Dr. Sanjay Jain, February 18-24, 2020

Awareness Program on Road Safety, February 7, 2020

Intra Faculty Moot Court Competition, February 4, 2020

Vaad Vivaad- Mock Parliament, February 1, 2020

one Day workshop on Improvising Moot Court Skills Through Vakk
Shakti Mantra, January 23, 2020

Lectures by Visiting Fellow Prof. Shirish Deshpande, January 20-25, 2020

Certificate Course on Human Rights, January 20, 2020

Youth Consultation on Road Safety January 16, 2020

Lecture Series on Alternative Dispute Resolution Date: 8-11 January 2020

Lecture on 'IPR Protection & Pharmaceutical Industry' December 5, 2019

Awareness Program on "Sexual Harassment of Women at Workplace
(Prevention, Prohibition and Redressal) October 9, 2019

Beti Bachao Andolan & Environment Protection, September 28, 2019

One Day Seminar on Section 377 (Rights of LGBT) September 6, 2019



Constructional Law: New Challenges, 27th July 2019



Labor Laws, Mr. Bharat Pandey
Legal Officer, ONGC, 22 September 2019



Alternate Dispute Resolution System, Shri Jayant M. Patel, Justice, Gujarat High Court, 8th October 2019

Publications (2016-2020)

Publications in Journals and
Conference Proceedings
25

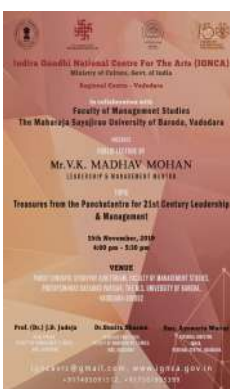
Papers presented in
International and National
Conferences
22

Books/Book Chapters
Published
1

Expert talks
delivered
13

Number of
Ph.D. supervisors
5

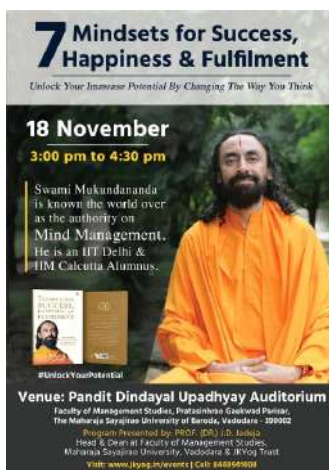
Number of
Ph.D. students
14



Management Lessons from 'Panchatantra'
V. K. Madhav Mohan (Leadership & Management Mentor)
15 Nov 2019



'Country Analysis for Product Marketing',
Mr. Himanshu Agarwal, Vice-president (International Market) Zydus, 16th Nov. 2019



'7 Mindsets for Success, Happiness & Fulfilment'
Swami Mukundanandaji (An alumnus of IIT Delhi and IIM Calcutta)
18th Nov. 2019

Publications (2016-2020)

Publications in Journals and
Conference Proceedings
25

Papers presented in
International and National
Conferences
22

Books/Book Chapters
Published
1

Expert talks
delivered
5

Number of
Ph.D. supervisors
5

Number of
Registered Ph.D. students
9



Awards and Recognitions

Dr. Pramod Chavan

European Theatre Scholarship
Deutsches Theater, Berlin, Germany.

Prof. Gaurang
Bhavsar

Shri Jasvant Singh Thakor & Pt. Babubhai
Andhariya Scholarship

Prof. Gaurang
Bhavsar

Recognition as a Guru, Sangeet Natak
Academy, Govt. of Gujarat.

Mrs. Dhvani
Mhaskar

Guru Manad Puraskar
Gujarat Sangeet Natak Academy

Dr. Pramod Chavan

Ustad Bismillah Khan Award for Theatre
Direction, Sangeet Natak Akademi

Shri Durgesh
Gangani

Ustad Bismillah Khan Yuva Puraskar
by National Sangeet Natak Akademi

Dr. Divya Patel

Cultural Partnership Initiative Fellowship
Andong Foundation, South Korea

Publications (2016-2020)

Publications in Journals and
Conference Proceedings
98

Papers / Performances in
International and National
Conferences
216 + 318

Books/Book Chapters
Published
6

Expert talks
delivered
131

Research Funding (2016-2020)

Number of sponsored
Research Projects
3

Research funding through
sponsored Projects
Rs 6 Lakhs

Number of
Ph.D. supervisors
15

Number of
Ph.D. students
34

Individual Performances

Mr. Dushyant Rupolia	Tabla Accompaniment, Swar Sanskar, Online Performance, Gwalior
Dr. Vishwas Sant	Sitar Recital, Tana-Riri Music Festival Vadnagar, Gujarat
Mr. Dushyant Rupolia	Classical Vocal Solo, Swardeepotsav
Prof. Gaurang Bhavsar	Tabla Solo, Swar Sadhana Music Concert Mumbai
Mr. Dushyant Rupolia	Online Tabla Solo Concert, Rashtriye Sangeetaga Parivar Online Concert
Prof. Gaurang Bhavsar	Tabla Solo Music Concert, Allahabad
Dr. Pramod Chavan	Performance Text, Design, Direction and Choreography Of The Play Ashwatthama
Mr. Manish Rohit	Actor of the Play Ashwatthama
Dr. Pramod Chavan	Artistic Director of Abhivyakti: 6 Days Dramatic Reading Web Theatre Festival
Mr. Manish Rohit	Coordinator of Abhivyakti: 6 Days Dramatic Reading Web Theatre Festival

Individual Performances

Dr. Ami Pandya	Classical Bharatanatyam, Sabha Nritya A Bharatanatyam Dance Recital
Mr. Manish Rohit	Production Manager, Manchparv 2020
Dr. Pramod Chavan	Performance Text, Design, Direction and Choreography of the Play "Andha Yug" Minerva National Theatre Festival, Kolkata
Mr. Manish Rohit	Light Designer and Light Operator of the Play Also Team Manager "Andha Yug" Minerva National Theatre Festival, Kolkata
Dr. Preeti Damle	Solo Kathak Darshan Nritya Mahotsav Vadodara
Shri. Durgesh Gangani	Duet Kathak Darshan Charitable Trust Vadodara
Mr. Vaibhav Soni	Traditional Performance Bhavai On Swachhata Abhiyan
Prof. Jagdish Gangani	Performance And Conducting Program Kathak Utsav, Indore
Mr. Jay Shinde	Violin Solo Performance, Sabha Vadan
Dr. Divya Patel	Bharatanatyam Solo and Hahoe Mask Dance Drama-Halmi Vesha, CPI Project Final Performance, Andong, SouthKorea
Prof. Jagdish Gangani	Performance and Conducting The Program Pandit Praveen Gangani Jayanti, New Delhi
Mr. Janak Jasakiya	Classical Vocal Solo, All India Radio
Shri. Durgesh Gangani	Workshop, Asmi Dance Academy Detroit, Michigan USA

Individual Performances

Shri. Durgesh Gangani	Lecture Demonstration, Centre of Performing Arts & Learning, Detroit, USA
Shri. Rakesh Modi	Acting in Vikidano Varghodo & Sharato Laagu
Shri. Durgesh Gangani	Solo, National Arts Club of America New York, USA
Prof. Rakesh Mahisuri	Accompaniment With Religious Conference, Uttar Kashi
Dr. Divya Patel	Folk dances of India, International Mask Dance Festival, Andong, South Korea
Mr. Dushyant Rupolia	Harmonium Accompaniment, Tabla Performance By Pt. Omkar Gulwady
Mr. Rakesh Dave	Vocal, Cultural Program Organised by Raah Foundation, Ahmedabad
Mr. Rakesh Dave	Classical Vocal, All India Radio, Vadodara
Mr. Jay Shinde	Violin, Kathak Violin Jugalbandhi, Jaipur
Prof. Jagdish Gangani	Conducted The Program of Ustad Bismillah Khan Yuva Puraskar Samaroh, Imphal
Dr. Preeti Damle	Solo Performance, The Dance India Magazine Anniversary Celebration
Dr. Vishwas Sant	Solo Sitar Recital, Classical Instrumental Music, Prasar Bharati ,All India Radio
Dr. Smruti Vaghela	Solo Dance, Karanas, Surat
Mrs. Dhvani Mhaskar	Group Dance, Panchamrut Dhaam Nainitaal , Uttarakhand.

Student activities

'Sabha Vadan' on December 30, 2018

Lecture Demonstration by Pandit Shailesh Bhagawat, August 13, 2020

Sabha Nritya (BPA- Bharatanatyam) by Dr. Ami Pandya, March 6, 2020

International Women's Day Celebration 2020, March 4, 2020

Sabha Gayan on March 3, 2020

Instrumental Music Workshop, Pandit Partha Chattejee, Kolkata, Feb 15, 2020

Music Festival on February 14, 2020

Tribute to Late Ut. Faiyaz Khan at "Mazar" February 8, 2020

Dev Gandharva Prempiya Sangeet Samaroh 2020 on February 1, 2020

Vasant Panchami Celebration 2020 on January 30, 2020

Intensive Riyaz Session for Students on January 12, 2020

Students' Performance in presence of Hon. CM of Gujarat, December 15, 2019

Musical Program on Ganesh Festival by UG & PG Students, September 5, 2019

Abhang Rang on July 21, 2019

Guru Purnima Celebration on July 16, 2019

Other Activities

National Seminar on ग्वालियर की पखवाज़ और तबला परंपरा Sept 13, 2020

National Seminar: Tabla Shiksha ke Chaturvidh Aayam on July 15, 2020

SEMINAR: Sanchar Madhyam dwara Sangeet Shikshan:
Taknik evam Abhyas ke Pariprekshya mein on June 27, 2020

National Seminar वर्तमान समय में संचार माध्यम ध्वारा संगीत शिक्षा,
भातखण्डे संगीत संस्थान June 24, 2020

Other Activities

National Webinar on NAAC Accreditation under revised Framework: Challenges and Strategies on June 6, 2020

Corona Kaal: Vaishwikan evam Sancharkranti ke Pariprekshya mein Sangeet Shikshan tatha Manch Prastutiyon ke vividh Aayam May 28, 2020

International Webinar on "virtual classroom: A necessity in Performing Arts education" on May 26, 2020

National Workshop and Webinar on "Swar Sanskar-Riyaz in Indian Music" on May 25, 2020

MANCHPARVA-2020 on February 29, 2020

Awareness Programme: Laws Related to Women February 19, 2020

Workshop on Indian Music, February 15, 2020

The Structure and Development of Indian Classical Music Instrumental Music Workshop on February 15, 2020

Udayan Arts lecture by Dr. Sonal Mansingh on February 10, 2020

Certificate Course on Ekatma Manav Darshan, February 8, 2020

Riyaz Annual Function "Raag Rang" on January 24, 2020

Udayan Arts lecture by Prof. Bharat Gupta, January 21, 2020

National Youth Conference Yugantar - 2020, January 11, 2020

National Level Workshop on Tabla, January 3-4, 2020

Modern Dance Workshop on January 2, 2020

Workshop on Battery Dance Company, January 2, 2020

Modern Dance Program by Battery Dance Company, New York January 1, 2020

Other Activities

National Level Workshop on Tabla, December 24, 2019

Kala Utsav (State Level Competition) on November 30, 2019

Navratri Mahotsav 2019 on October 27, 2019

Garba Mahotsav 2019 on October 11, 2019

National Level Workshop on Tabla, September 17, 2019

Workshop on Significance and Principles of Accompaniment
September 17, 2019

Bhakti Parva - Navratri Celebration on September 4, 2019

Sanskritik Ganeshutsav 2019-20 on September 2, 2019

National Workshop on Applied Natya therapy on July 22-26, 2019



सादरकर्त

सहकार्य

‘अभंगरंग’

आषाढी एकादशी निमित्त संतर्चनांवर अभंगांचा कार्यक्रम
प्रख्यात गायिका सौ. मंजुषा पाटील आणि श्री.संदीप रानडे

साध्यसंगत
रोहित मराठे, रोहित मुजुमदार, उकार दळवी, अपूर्व द्रवीड
निरूपण : ज्येष्ठ अभिनेते श्री. राहुल सोलापूरकर

रविवार दि. २१ जुलै २०१९ रात्री ८ वाजता
कार्यक्रम स्थळ
प्रो. सी.सी. मेहता ऑडिटोरियम, वडोदरा

प्रख्यात गायिका
सौ. मंजुषा पाटील

संदीप रानडे
(पं. जसराज यांचे शिष्य)

राहुल सोलापूरकर
(ज्येष्ठ अभिनेते)

कार्यक्रमाचे संयोजक

श्री. गो.वि. बेडेकर (अध्यक्ष)

प्रो. ए.व्ही. अष्टपुत्रे (डीन)

डॉ. राजेश केलकर (अध्यक्ष, गायन विभाग)



Tabla Workshop, Pt. Sadanand Naimpalli, Disciple of Pt. H. Taranath Rao, Farrukhabad Gharana, 23-24 Dec 2019



'Intensive Sangeet Sadhana Yagya - Aavartan' 22nd December 2019

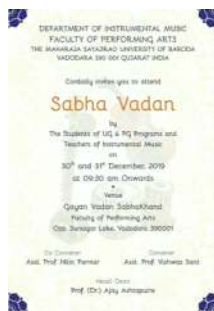


Dance Workshop, Jonathan Hollander and the dancers of Battery Dance Company, 2 January 2020



World
Records
India
13 May
2020





"Sabha Vadan - 2020" 30th – 31st December 2020



"Shakti-a return to the source" Dance production of battery dance company of New York, 1st Jan. 2020

Publications (2016-2020)

Publications in Journals and
Conference Proceedings
196

Papers presented in
International and National
Conferences
117

Books / Book Chapters
77

Expert talks delivered
77

Other Activities

Webinar on HPTLC instrumentation and Application in association with Anchrom Enterprises Ltd. ON May 28, 2020

Webinar: Improving mental health amidst COVID-19, May 16, 2020

Webinar: Impact of COVID 19 on pharma market and Economy
Dr. Devendra puntambekar, Head, Oman Pharmaceuticals, May 9, 2020

E Poster competition on COVID 19 pandemic on May 7, 2020

Prof S.K Banerjee Memorial Oration Lecture, February 15, 2020

Scintilla 2020 - A National Level Technical Event, January 11, 2020

International Conference "PHARMTECH2020; Exploring Myriads of
Pharma in Pharmaceuticals & Pharmaceutical Technology, Oct 29, 2020

National Webinar on Building Research Capabilities in Universities
under NEP2020, September 9, 2020

Brain Storming session on Emerging Trends in Pharma R & D"
March 7, 2020

Pharma Hackathon (PHARMAHACKS – 2020), March 7, 2020

Refresher Course for Registered Pharmacists, February 1-2, 2020

"Pharmarendezvous - 2019", GUJCOST Sponsored National Seminar
December 6, 2019

Research Funding (2016-2020)

Number of sponsored
Research Projects
7

Research funding through
sponsored Projects
Rs 1 Crores

Number of
Ph.D. supervisors
7

Number of
Ph.D. students
23



Scintilla
Illuminating minds!

PHARMA HUNT
A race through barriers
to reach the target
Romil - 7574892059
Sachin - 7990040132

Pharma Talkathon
The communication marathon
K. - 879625419
Tina - 9428252960

25th Feb. 2019

PHARMULARY
The Cognitive Dictionary
Aneri - 9429574479
Ashwini - 9409027190

Registration Fee : 100 Rs. per Team / event
(Participation in team of two is compulsory)
Last Day of Registration : 17th February

Venue :
Faculty of Pharmacy, Kambhavan Campus
The Maharaja Sayajirao University of Baroda.
For Registration Contact :
Chandani - 9140664990, Divyanshi - 9380862137
<https://goo.gl/8m9w> Tel: 2413876/1310902



Awards and Recognitions

Dr. Sachin Patil	Young Botanist Award Indian Botanical Society of India
Prof. Prafulla Jha	Visiting Professor, Bialystok University of Technology, Wiejska 45A, Poland
Dr. Bhikha Ghodadra	Bilateral State Scholarship 2019-2020 Budapest, Hungary
Prof. Pradeep Mankodi	Best Post Graduate Teacher 2019 PG Teachers of Sciences (Biological Sciences), Gujarat Science Academy
Dr. Kishore Rajput	Fellow of Indian Fern Society for contribution in Pteridological studies of Gujarat
Prof. Ashutosh Bedekar	Bronze Medal Award, Chemical Research Society of India, IISc, Bangalore
Prof. Sandhya Garge	Innovation Award for idea of research in microwave remote sensing by Indian Women Scientist Association
Prof. Prafulla Jha	Best Oral Presentation Award DAE-CCS-2019, BARC, Mumbai
Prof. Prasanna Ghalsasi	Visiting Scientist/Sabbatical JSPS Hiroshima Univeristy
Prof. Bindu Bhatt	Distinguished Geospatial Educator CEPT University
Dr. Dharmendra Shah	Best Team in the Field Based Hands On Training on Lichen Systematics, CSIR
Prof. Sarita Gupta	Convener, Symposium "Trends in Biochemistry and inauguration of Prof. L J Parekh Memorial Lecture series"

Publications (2016-2020)

Publications in Journals and
Conference Proceedings
981

Papers presented in
International and National
Conferences
558

Books/Book Chapters
Published
52

Expert talks
delivered
302

Research Funding (2016-2020)

Number of Centrally funded
Projects
08

Research funding through
Central Projects
Rs 3843 Lakhs

Number of sponsored
Research Projects
102

Research funding through
sponsored Projects
Rs 2601 Lakhs

Number of
Ph.D. supervisors
113

Number of
Registered Ph.D. Students
313

Ongoing Major Research Projects

A Systematic study of potassium channels in Difference macrophage populations and its significance in metabolic disorder, DBT, Dr. Sanjeev Upadhyay

An Geospatial Evaluation of Agricultural Land Suitability in South Gujarat, India, ICSSR-IMPRESS, Prof. Rolee Kanchan

Ongoing Major Research Projects

Biodiversity Characterization at Community Level in India using Earth Observation Data, DBT, Dr. P. S. Nagar

Blocking antiviral protein tetherin: a novel therapeutic strategy for systemic lupus nephritis SERB, Dr. Ratika Srivastava

Characterization and targeting host Kinase genes to address mycobacterium tuberculosis infection in aging cells, DBT, Dr. Bijaya Haobam

Controlled Drug Delivery Systems Based on Mesoporous silica Nanopolyacids: Design, Characterization and In vitro Release, CSIR, Prof. Anjali Patel

Design, synthesis and applications of coumarin containing helical molecules, DST-WOS-A Dr. Rina Soni

Development of tissue culture methods for large-scale clonal propagation of tomato (*Solanum lycopersicum* L) and molecular assessment of clonal fidelity of micropopagated plants, Gujarat State Biotechnology Mission, Prof. Sunil Singh

Evaluation_Biomarker test for leprosy and tuberculosis at the point-of-care level, SPARC, Dr. Pushpendra Singh

Exosomal miRNAs pattern as biomarker for ER/PR positive and negative breast cancer and metastasis, GSBTM, Prof. Rajesh Singh

Exploring Boron-Based Nanomaterials for Compact and Highly Sensitive Neutron Detectors by Band Gap Engineering; A Combined Density Functional Theory and Experimental Approach, SERB, Prof. P. K. Jha

Exploring the Potential of Exosomal miRNAs in different Genetic Mutation as Potential Prognosis bio-markers in Parkinson's disease (PD), DST-SERB, Dr. Rajesh Singh

Fungal Mimicry of Host Chemical Defense; Plant Mediated RNAi-based investigation of riceblast fungus interaction, SERB, Dr. Rajesh Patkar

Generating novel materials for technological application from environmental pollutants UGC-DAE CSR, Dr. Prasanna Ghalsasi

Green skill Development Programme on Para Taxonomy, GoG, Dr. D. G. Shah & Dr. P. S. Nagar

How does folate supplementation during pregnancy protect against neuroblastoma, DST-SERB, Dr. Hetal Roy

Hyperspectral remote sensing towards assessment of ecophysiological variables in selected crops (HYPER-ECO), SAC-ISRO, Prof. G. Sandhya Kiran

Innovation in Science Pursuit for Inspired Research (INSPIRE), DST, Dr. Alpa Dashora

Ongoing Major Research Projects

Inventorization, molecular identification and characterization of Garcinia species from northeast India for isolation of polyisoprenylated benzophenones as taxol mimics, DBT, Dr. Laxmipriya Nampoothiri

Investigation the Intricacies of natively unstrucutred protein Pup and development of Pup based inhibitors to PafA and Mpa of Pup proteasome system of mycobacterium smegmatis, CSIR, Prof. C. Ratna Prabha

Microfluidie studies to understand/combat biofilm formation by Klebsiella spp, SPARC Prof. Devershi Gajjar

Morphotectonic evolution of SW Saurashtra, Western India, DST-WOS-A, Ms. Naimisha Vanik

Out of Equilibrium dynamics in polymers near glass transition, SERB, Dr. Debjani Bagchi

Source-to-Sink Spatio-temporal variability in sediment fluxes and their control on coastal sediment dispersal system in Gujarat, MoES, Prof. N. P. Bhatt

start up grant-IBRO Fellowship, IBRO, Dr. Bhavani Shankar Sahu

Structural and magnetic studies of Dilute Magnetic Semiconducting alloys and compounds DAE, Dr. Mitesh Sarkar

study the role of TRIM-NHL proteins in regulation of miRNAs modulating mitochondrial functions in parkison's disease, SERB, Prof. Rajesh Singh

Synthesis and Characterization of Magnetic Nanoparticles: As Vehicle for Drug/Gene Delivery \and T1-T2 Dual Contrast Agent for Magnetic Resonance Imaging, SERB, Dr. Hemant P. Soni

Tectono-metamorphic Evolution of Calc-Silicate Rocks Around Lunavada, Gujarat, DST-WOS-A, Ms. Gayatri Akolkar

Thiophene fused Aza-azulene based conjugated Systems for Organic Electronic Devices SERB, Dr. Arunkumar Patel

Towards Disbursement of Micro grant for Implementation of Project under the Fold scope Scheme, DBT, Dr. Devarshi Gajjar

Development of biofilm carrier media with amyloid forming denitrifying bacteria and its evaluation in bench-scale moving bed biofilm reactor (MBBR) as model system for nitrogen removal from nitrate containing effluent, DBT, Dr. Anuradha Nerurkar

Development of Chiral Inorganic-Organic Hybrid Materials based on Polyoxometalates and its Catalytic Applications, SERB, Prof. Anjali Patel

Dissecting the association of miRNAs with mitochondria state and its involvement in mitochondria-mediated inflammation in brain ischemia, DST, Dr. Rajesh Singh
Genetic approach to studying ppGpp dependent conditional essentialit of dksA- assessing supersse mutations potentials as target for grown, SERB-DST, Dr. Jayshree Pohnekar

Other Activities

International Conference on Proteins, miRNA and Exosomes in Health and Disease, December 11, 2019

Annual Conference of Gujarat Ganit Mandal, December 25, 2020

3rd Online Faculty Induction Programme (Guru-Dakshata), September 21, 2020

Prof. C. Rao Birth Centenary International conference on Statistics and Data Science: Theory and Practice for Progress and Prosperity (ICSDS-2020), September 9, 2020

25th Online Short Term Course: Research Methodology, August 17, 2020

National Webinar On Some Aspects Of Research Methodology, May 6, 2020

Pteridology Today And Tomorrow: Relevance To Impact On Diversity And Climate Change April 24, 2020

Seminar on Bioenteprenurship, March 11, 2020

National Seminar On Decadal Trends In Chemistry Research: The Perspective Of Women Scientist W-chem 2020, March 8, 2020

National Seminar On Etca 2020, February 28, 2020

Science Conclave 2020, February 28, 2020

National Seminar On Emerging Trends In Computer Applications, February 28, 2020

4th Prof. V V Modi Memorial Lecture Series And One Day National Seminar On "genomics And Metagenomics Of Microbial Ecosystems", February 10, 2020

National Symposium On Climate Change, Pollution And Harmony With Nature January 25, 2020

Botany Fest 2020, January 23, 2020

Interdisciplinary Approaches In Environmental Science, January 18, 2020

National Seminar On "advances In Chemistry Of Bioactive Molecules" (ACBAM-2020) January 17, 2020

Science Open House-2020, January 3, 2020

ABCD Of Bird Migration, December 29, 2019

National Workshop On Advanced Analytical Techniques For Elemental Analysis' AAT-2019 December 28, 2019

Wet Lab Championship And Workshop On Genome Editing – Crisper, December 19, 2019

Geomorphic Survey In Selected Places Around Vadodara, December 3-5, 2019

Other Activities

National Workshop On Problem Solving Techniques In Sciences, November 25, 2019

A One-day Workshop On Industrial Catalysis, ICAT 2019, November 23, 2019

ISPS Core-to-core National Level Brainstorming On Chirality, Topology And Knot Theory
October 31, 2019

A Green Conference On Save Mother Earth, October 10, 2019

Professor B V Kamath Endowment Fund Lectures Series (2019), October 7, 2019

Field Trip For Students Of Zoology: Visit To Wilderness, October 5, 2019

Prof. N. C. Subrahmanyam Commemorative Symposium, October 3, 2019

Symposium On Recent Trends In Biochemistry, September 27, 2019

Environment Science Lecture Series, September 21, 2019

Wildlife Week, September 2, 2019

Ecological Heritage Of Vadodara, August 7, 2019



'National Workshop on Regulatory Compliance for Accelerating Innovation's
30th July 2019





Zoo beyond amusement!
Dr. Pratyush Patankar (16th Dec 2019)

8th DAE-BRNS Compilation of Experimental Nuclear Reaction Data (EXFOR-2019) 12 - 16 Nov. 2019



Industrial Catalysis (ICAT - 2019) 23rd Nov. 2019



National Workshop
on Problem Solving
Techniques in
Sciences
25-30 Nov. 2019

Publications (2016-2020)

Publications in Journals and
Conference Proceedings
43

Papers presented in
International and National
Conferences
114

Books/Book Chapters
Published
26

Expert talks
delivered
79

Number of
Ph.D. supervisors
5

Number of
Ph.D. students
36

Research Funding (2016-2020)

Number of Centrally funded
Projects
03

Research funding through
Central Projects
Rs 295 Lakhs

Number of sponsored
Research Projects
36

Research funding through
sponsored Projects
Rs 367 Lakhs

Ongoing Research Projects

Implementation Of Social Enterprise For Human Upliftment, GoG, Dr. N. S. Faruqi

Social Enterprising For Human Upliftmentt, Chotta Udaipur Taluka, GoG, Prof. M. N. Parmar

Ongoing Research Projects

Impact Of Climate Change On Health And Socio-Economic Aspects, GoG, Dr. Satish Kumar, Prof. M. N. Parmar

Impact Of Climate Change On Health And Socio-Economic Aspects- A Study Of Vadodara City, GoG, M. N. Parmar

Social Impact Assessment Under VECL Intervention among the different Villages from Dhanora in Vadodara District, to Sarod in Jambusar Taluka in Bharuch District, Vadodara Enviro Channel Ltd (VECL), Prof. Jagdish Solanki

Training needs of teachers towards achieving quality of education in the light of technological innovation Centre for professional development of teachers educators, NEHU Shillong, Dr. Satish Kumar

Social Norms related to Gender Based Violence, UNICEF, Prof. Bhavna Mehta

Impact Of Social Enterprise For Human Upliftment (Sehu) Programme (Development Flower), GoG, Prof. Bhavna Mehta

Developing CSR policy & ICDS, Government of Gujarat, Prof. Bhavna Mehta

Attitude of Parents towards their Mentally Retarded Children: A study of Vadodara District, MSUB, Dr. Satish Kumar

Creating Climate Resilient Gujarat - An Action Research on Hand-holding of the Local Authorities for Climate Resilience and Preparedness, Government Of Gujarat Climate Change Department Sachivalaya, Gandhinagar, Prof. Magan Parmar

Assessment of Implementation of Strengthening Community network to promote mother infant and young child nutrition practices at family and community level towards malnutrition free villages in khedbrahma and poshan blocks of Sabarkanta, UNICEF, Prof. Magan Parmar

Other Activities

Webinar on Mental Health at Workplace, December 23, 2020

25th course on Research Methodology, August 17, 2020

Workshop: Talks and Thoughts, July 27, 2020

Webinar on Status of Social work Education in Covid-19, July 3, 2020

Webinar on Covid-19 Impact and social work education, June 26, 2020

Other Activities

Webinar on Managing People's Function in the world of Covid-19, May 31, 2020

Webinar: Social Work Arenas Post Covid-19 An Indo Canadian Perspective, May 11, 2020

Webinar on Corporate Social Responsibility- Covid-19, April 29, 2020

One week orientation on social work Intervention in Covid-19, April 27 - May 03, 2020

Karavaan Management Week, February 24, 2020

National Seminar on Gender based violence, February 7, 2020

HR Convention 2020, February 1, 2020

One week course on Human Rights, January 20, 2020

National Integration Camp, January 19, 2020

Workshop on Social Norms for Social Change, September 13, 2019

Workshop on how to crack an Interview, August 22, 2019

Orientation - MHRM, July 28, 2019





'Situations regarding Article 370 and 35-A called Voice of your Opinion' 8th August 2019



'My Mantra of Social Development' Shri Govind Sholakia, 29th August 2018



Legal Awareness Programme on National Youth Day, Justice Shri Ashutosh Pathak, 12th January 2020

Awards and Recognitions

Dr. Purnima Pandit

Women Researcher Award at 7th International Scientist Awards On Engg, Science & Medicine, Coimbatore

Dr. Tallavajhala Suryanarayana

Executive Member Of Association Of Hydrologists Of India

Prof. Upendra Patel

Prof R C Singh Prize Institution Of Engineers India, Kolkata

Mr. Shardav Bhatt

Young Scientist Award at 24th Annual Conference, VIT-Bhopal University, Sehore

Dr. Mamta Padole

Innovative Teacher Award by International Business And Academic Excellence Awards American College of Dubai

Dr. Arun Anand

Senior Member, The International Society For Optics And Photonics, SPIE, USA

Publications (2016-2020)

Publications in Journals and Conference Proceedings
749

Papers presented in International and National Conferences
493

Books/Book Chapters Published
48

Expert talks delivered
351

Number of Ph.D. supervisors
87

Number of Ph.D. students
191

Research Funding (2016-2020)

Number of Centrally funded
Projects
06

Research funding through
Central Projects
Rs 12365 Lakhs

Number of sponsored
Research Projects
47

Research funding through
sponsored Projects
Rs 578 Lakhs

Ongoing Research Projects

Climate Change Impact Assessment on Catchment Hydrology and Rainfall-Runoff response a river basin of Various Zones of Gujarat State, GoG, Dr. Gita Joshi

Climate Change Impact Assessment On Extreme And Average Annual Precipitation And Its Effect On Urban Flooding Of Vadodara City, GoG, Dr. Sanskriti Mujumdar

Holographic Optical techniques for 3D imaging of semiconductor wafers, HICS South Korea, Dr. Arun Anand

Design, instrumentation and fabrication of highly stable, portable, label-free digital holographic interference microscopes for 3D cell imaging, classification and identification, SERB, Dr. Arun Anand

Development And Fabrication Of 2-Inch Square CIGS Thin Film Solar Cell Module, DST, Dr. C. J. Panchal

Thermalization & statistical relaxation in finite interacting many body, SERB, Dr N D Chavda

Development Of Blue Light Emitting Diode Packages, Central Power Research Institute, Bangalore, C. J. Panchal

Highly accurate compact digital holographic microscope for automatic cell classification by noise reduction and deep learning, DST Indo-Korea, Dr. Arun Anand

Climate Change Impact Assessment on Catchment Hydrology and Rainfall-Runoff response a river basin of Various Zones of a Gujarat State, GoG, Dr. Geeta Joshi

Assessment of Water Quality Parameters over Major Indian Inland Water Bodies, ISRO-SAC, Prof. H. M. Patel

Design and development efficient compact dielectric resonator antenna for breast cancer detection, DST, Mrs. Sandhya Sharma

Ongoing Research Projects

Development of instrument to measure Tortuosity of Nonwoven Fabric, Baroda Rayon Research Grant, Dr. Hireni Mankodi

Enhancing the Potency of Surface Oxidative Debris of Graphene Oxide through Photoelectron Spectroscopy and DFT Study, UGC-DAE CSR, Dr. C K Modi

Establishment of Super Computing Facility, GUJCOST, Prof. Apurva Shah

Modified metal oxides as efficient photoanodes for DSSC, DST-WOS-A, Ms. Nidhi Prajapati

Study of electro-mechanical properties of glass fiber reinforced conductive composites Baroda Rayon Research Grant, Dr. Satyajeet Chaudhari

Other Activities

National Webinar on Corrosion & its controls (CIC-2020), September 5, 2020

5th International Conference on Industrial Textiles "Products, Applications and Prospects (InduTech 2020)) August 21-25, 2020

57th Online Refresher Course: Commerce & Management, July 27 - August 09, 2020

Role of Women in Environmental Sustainability, July 28, 2020

Moodle-A learning management System, April 6, 2020

Tier-II Training on "Local Groundwater Management Issues" March 4, 2020

Water Resources -Issues and Insights-Workshop and Exhibition, February 24, 2020

One day basic training programme on Human Rights, February 24, 2020

One Day Workshop on Energy Conservation Awareness, February 12, 2020

National Symposium on Climate change, Pollution and Harmony with Nature, Jan 25, 2020

One week workshop on "Dynamics of holistic Communications" December 26, 2019

Recent Trends in Power System Operation and Control, November 25, 2019

Training Faculty of 21st Century: Needs and Challenges, November 22, 2019

Expert lecture delivered by Shri P.N. Shah, (Scientist 'SG') RSAC-UP, on Applications of GIS and Remote sensing, October 17, 2019

Workshop on JAVA 8, September 23, 2019

Fullstack, Mobile, Frontend and Backend Technologies, September 17, 2019

Other Activities

Workshop on Machine Learning (Google labs), September 10, 2019

National Workshop on Academic Integrity. August 16, 2019

Expert Lecture on "Cyber Security" August 7, 2019

6th International Virtual Conference, August 5, 2019

National Workshop on Regulatory Compliance For Accelerating Innovations, July 30, 2019

Regulatory compliance for accelerating innovations July 30, 2019

Expert lectures on Software Engineering and React native & Web Technologies, July 28, 2019

Skill Base Training and Guidance on various topics for 3rd and 4th year Electrical and Electronics branch students, July 27, 2019

Latest Weaving technology by PICANOL NV Belgium, July 23, 2019

Application of Geosynthetics and Ground Improvement Techniques, July 5, 2019

One week workshop on Communication Skill July 1-7, 2019

Workshop on 'Communication Skills' 20th July 2019



Waste Recycling
and Management
(Awareness Session)
by Dr. Binish Desai
13 September 2019





PRERNA 2019
Students' Annual Activity for differently abled people



Supercomputing Facility
Sponsored by GUJCOST,
16th January 2020

EXHIBITION
STUDENTS WORK RELATED TO HERITAGE

Navigation City
For the Day, Jayashree Thakkar
On 18th November 2019 at 10:00 AM
DEPARTMENT OF ARCHITECTURE (BAM) BLOCK
BUILDING, CAMPUS-1, BARODA
THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA
PRACHINAKA



'Indigenous Textile Crafts, Global Markets & Trends'
18th - 25th Nov. 2019

Publications (2016-2020)

Publications in Journals and
Conference Proceedings
26

Papers presented in
International and National
Conferences
38

Books / Chapters in books
4

Expert talks delivered
11

Number of
Ph.D. supervisors
1

Number of
Ph.D. students
6

Other Activities

Workshop on Communicative Sanskrit, 28 November 2019

Seminar on Prant-Karyakartu-Abhyasvarg by Sanskrit Bharti, Gujarat
23 June 2019



Cleanliness Drive
During Celebration of
150th Birthday of Gandhiji

Publications (2016-2020)

Publications in Journals and
Conference Proceedings
96

Papers presented in
International and National
Conferences
130

Books / Chapters in books
7

Expert talks delivered
7

Activities

Yoga Training Program for College Staff on December 14, 2020

National Education Policy (NEP) Week 2020, June 6-12, 2020

Counselling Session on May 28, 2020

Webinar on social media marketing, May 11, 2020

Webinar- Peepal, The Bodhi Tree, April 14, 2020

National Webinar on Research Methodology, March 8, 2020

Workshop: Cognitive motion on February 24, 2020

International Women's Day Celebration on February 20, 2020

Celebration Of Matrubhasa, February 11, 2020

One day legal awareness program for laws related to women, February 3, 2020

Padra Canteen Inaguration on January 28, 2020

"Synergia Youth Festival 2020" on December 9, 2019

Activities

Symposium on Geo-Strategic Importance of Hlmalyan Region and its Historical Significance, August 31, 2019

Conference on SAVE MOTHER EARTH, August 29, 2019

FIT INDIA MOVEMENT on July 19, 2019

Awareness Programme On Disaster Management, June 13, 2019

Alumni Meet 2019, Proud Alumni Of Faculty Of Commerce, June 13, 2019



Awareness Programme on 'Fire Safety and Disaster Awareness' organized at M. K. Amin College, Padra 29th July 2019



Cleanliness Drive, 01 February 2020

Awards and Recognitions

Ashish Guruji

Best Paper Award for "A comparison of field data with GIS data" SAL Education and ISTE

Publications (2016-2020)

Publications in Journals and
Conference Proceedings
42

Papers presented in
International and National
Conferences
33

Books / Chapters in books
2

Expert talks delivered
25

Other Activities

Visit to Rotex Automation Ltd, February 28, 2020

Technical Event Techshetra, February 17, 2020

Workshop on RCC Details of slab and Beam, February 17, 2020

Workshop on RCC details Of Water Treatment Plant, February 10, 2020

Student Event: Sankalp, January 30, 2020

Visits to Jyoti Confectionary Works, U. K. Electricals Ltd, Jaydeep Ind, Garima System Solution Ltd, Krishna Tiles, Krishna Cement during January 2020

Student Event: Prayaas 2019, September 28, 2019

Activities like group discussions, creativity, aptitude test, facing personal interviews, memory management etc. under ISTE Chapter during August 2019

Smt. Hansa Mehta Library- Learning Resource Centre (LRC) is the Central Library governing the entire University Library System. It is the first Wi-Fi compatible Library in the State, catering to the educational/information needs of academic fraternity of MSUB.

Presently has 8,89,331 Books including bound volumes.

Subscribes to 291 print journals out of which 154 are International and 132 are Indian journals.

Library is known for well enriched with print and electronic resources having 1,00,000+ users (virtual and physical) per month.

Reading areas and all administrative areas of the Library are air conditioned. Fully air conditioned using Solar Energy.

Developed Android application to access HML website. Active content partner to NDL

H M Library is given additional charge to manage Vadodara Center of Dr Babasaheb Ambedkar Open University since 2012

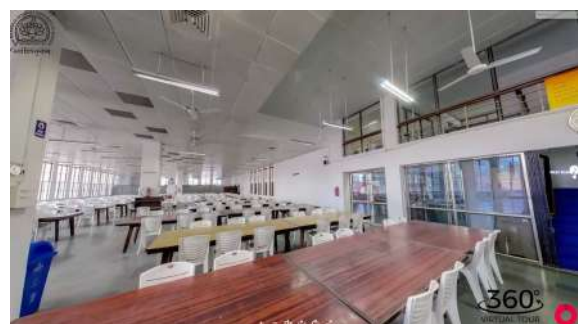
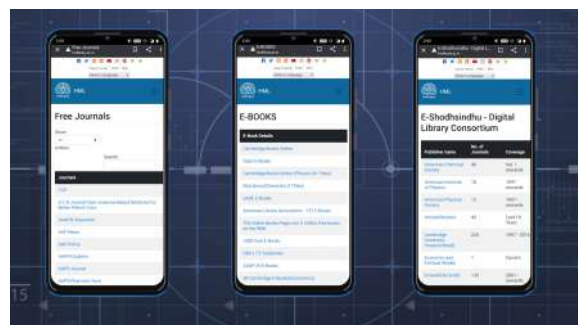
HM Library was identified as a Document Delivery Centre with 22 Universities from among 350 Universities (at present 27 Universities from amongst 700+ Universities) in the country to provide Inter Library Loan service (ILL)

MSUB has signed MOU with INFLIBNET for the "Shodhganga" project on 22nd August 2012. Till date we have uploaded all 3740 theses on Shodhganga. We have access to 1,15,000+ E Theses of contributing Indian Universities. (As on date 25-Dec-2020)

H M Library is designated as an active content partner in Western India by National Digital Library of India, an initiative by MHRD NMEICT, Government of India.

Updates to all MSU Faculty through email & Whatsapp messages

Institutional Repository(IR) has been developed for exploring the Scholarly Publications of MSU faculty and activated on HML Website All the theses of MSU have been uploaded on IR.



Oriental Institute

The Oriental Institute is a post-graduate teaching and research Institute right from its very inception. His Highness Sir Sayajirao Gaekwad III of Baroda conceived the idea in 1893 and felt the need for establishing the Oriental Institute which can collect and preserve the ancient treasure of rare Manuscripts and books. The Oriental Institute has huge treasure of rare, important, illustrated manuscripts (30,168) and Printed books (1,00,000) which includes many rare old editions.

Publications

Publications in Journals and
Conference Proceedings
34

Papers presented in
International and National
Conferences
64

Books / Chapters in books
13

Expert talks
delivered
37

Activities

Extra Mural Lecture on 'Linguistic Features of Prakrit causing its poetic Excellence' by Dr. Balaram Shukla, Delhi University, February 15, 2020

A talk on 'Manuscript Treasure of India: Repository of our Heritage' by Dr. Sacchidanand Joshi, Secretary of IGNCA, Delhi January 10, 2020

Prof. Bishnupada Mahapatra: 'History of Nyaya Philosophy', January 2, 2020

Award ceremony of Bharatgaurav Pandit K.S. Ramaswamy Shastri, Jan 1, 2020

Prof. Mithila Prasad Tripathi, Former VC of Maharshi Panini Sanskrit Veda Vishvavidyalaya, Ujjain: two lectures on 'Meghduta of Kalidasa', Dec 30, 2019

Institute of Interdisciplinary Studies

Established in April 2017 (vide Syndicate Resolution No: 30, dated: 27th May 2016) to create an inter-disciplinary scientific culture, which will provide a conducive environment for intermingling of various disciplines and enable the university in carrying out cutting edge research applying latest technologies and breakthrough scientific innovations.

A platform for bringing together Botanists, Biochemists, Chemists, Zoologists, Microbiologists, Biotechnologists, Physicists, Bio-informaticians, Engineers, Mathematicians, Epidemiologists, Nutritionists, Social Workers, Clinicians, Pharmacists and Industry Experts to collaborate, tackle, investigate and unravel biological mechanisms.

Presently, 8 labs including advanced imaging lab, Neurobiology lab, Genomics and Cancer Biology Lab, Plant Molecular Biology Lab are under the same roof

The institute is in the process of constructing Biosafety Level 3 (BSL3) Laboratory

Centre for Life Long Learning & Extension

Students enrolled in Long term Courses - **828**

Students enrolled in Short term Courses - **509**

Workshops for the students of the Fashion Designing Course : Psychedelic Art, Wet on Wet Painting, Jewellery Making, Spray Painting, Shading and Belnding, Deco Patch, Glass Colour Painting, Fabric Painting, Embroidery Tie and Dye. August to October 2019

Workshops, Special talks and Interactive Sessions were conducted for the students of the Early Childhood Care and Education on Teaching Aids, Multiple Intelligence (MI Activities) Games, Creative Activities, Box Decoration, Gift Bag Making Bottle Decorative, Decorative Basket, Rymes, Drama, Songs, Story Telling, Grooming, Interview, Mobiles during August to October 2019

Ujjwal Chitnis, Ex. Manager of the Sterling Hospital lead workshop on "Motivation and Good Managerial Skills" September October 2019

Dr. Mrugesh Desai, M.D. Chest Specialist, Isha Hospital lead workshop on "Build Your Immunity against Hazardous Pollutants" September 2019

Workshop on Khatla work (Embroidery) for Fashion Designing Students and Jewelry Making for the Fashion Designing Students, August-September 2019

Computer Centre

Online Recruitment Portal has been developed indigenously by the MSUB Computer Centre for adhering to the Rules and Regulations set out by the UGC, AICTE and other Statutory Bodies.

Indigenous development of Online Examination Portal

Audit and Accounts Management system for Billing, Account and Audit related services of the University

Portal for complete Ph.D. information from Registration to Award

Revamping of Annual Report Management System (ARMS)

Computer Centre is conducting the exams of CCC on behalf of the University. During year 2019-20, CCC examinations of more than 2,000 candidates has been conducted successfully by the University.



Office of Corporate Affairs (OCA)

Interviewing Skills and Mock Interview, Mr Arvind Khode and his team of two expert Panel, 8th January 2020



Health Centre

Total number of patients treated :	25573
Number of Laboratory Investigations :	14324
Thyroid and B12 Camp beneficiaries :	472



Thyroid Camp
09/08/19 & 27/12/19

Thalassemia Test &
Collect, Report
11/02/20



Office of Career Advancement for Students

“Sanitary Product Manufacturing and Entrepreneurship”, in Collaboration with Vatsalya Foundation, Stree Chetana & Enprendia Project, 24 November 2019



એમ.એસ.યુનિ.ની વિદ્યાર્થીનીઓ
સેનેટરી નેપકીનની બનાવટ શીખી
યુનિમાં સેનેટરી પ્રોડક્ટ મેકિંગ વિશેનો કોર્સ શરૂ થયો

UNIQUE COURSE

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Three Month Certificate Course on “Corporate Konnect” Journey towards Employability in collaboration with Principia Transformatica Dec.19-March 20 (Every Saturdays)



Orientation Session by
ICICI Academy for
Training & Placement
for Students of MSUB
10 December 2019



"IDEATHON 2020" 6 February 2020

Institute of Leadership and Governance

ILG Organized 45 events including certificate courses, workshops, seminars, webinars, discussions, public lectures, competitions etc.

Public Lecture (Youth Talk) Happiness and Success in Life, August 05, 2019

Public Lecture: Why Tibet Issue is important to India in context to Indo-China Relationship? on August 07, 2019

Certificate Course on Bhagwad Geeta, August 24 to September 10, 2019

Competition on Traffic Awareness on Road Safety, September 29, 2019

National Seminar "Yuva Samvaad" on October 12, 2019

Discussion Forum: Gujarat Thinkers Forum - Uniform Civil Code: Is India Ready?, December 07, 2019

Public Lecture 'Sanskritik Rashtravad', Cultural Nationalism, 11 February 2020

Book Launch and Talk: "Women in Ithihas - Purana", February 25, 2020



Office of International Affairs (OIA)

OIA conducts various activities such as - Incoming and Outgoing Exchange Programs for Students and Faculties, MoUs with Reputed International Institutions for Research and Study Programs, Admissions of foreign students to different programs,

OIA received a prestigious fellowship under Erasmus Plus Programme ENhancing female EntrePREneurship in iNDIA (ENPRENDIA) i.e, ENPREINDIA project and the total cost is 9,81,676 Euros, wherein 5 European partners and 8 Indian partners have been selected.

Workshop on Higher Education in Germany by Devi and Dhanshree Deodhar from DAAD, Pune December 2018 for German Students

Number of foreign students enrolled in MSUB - **86**



One Day Trip of Vadodara City for International Students on 25 August 2019



"MOUs with 6 International Universities"
On 8th January, 2020

Internal Quality Assurance Cell

Online Submission of Annual Quality Assurance Report (AQAR) 2018-19 and 2019-20 to National Assessment and Accreditation Council (NAAC).

Students Satisfaction Survey – Feedback analysis department wise.

Curriculum development training workshops in different faculties to promote quality culture.

Report writing, surveys and other compilations and submissions from time to time including National Institutional Ranking Framework (NIRF), Gujarat State Institutional Ranking Framework (GSIRF), Times Higher Education survey (THE), QS World University ranking, India Today survey– MRDA, All India Survey on Higher Education (AISHE), etc.

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

Periodic meetings with Head of Departments, Faculty & IQAC coordinators, teachers, Section Officers of the University, Directors of Cells, Centres and Institutes to deliberate on the issues pertaining to quality enhancement.

Placement Fair 2020 Node 1 (Zone 3) – MSUB is one of the nodal agency for 12 colleges in the district and taluka of Vadodara. Total 2104 candidates Interviewed and 707 were selected and conferred offer letters.

Programmes conducted by IQAC:

NAAC Revised Framework, National Conference on Science and Technology of YOGA, A discourse on Dharma and Vigyan, National meet: National Education Policy (Draft) 2019, Preparation for NAAC 2021, “Anand Shala” Workshop for Research Scholars, Academic Integrity Awareness, Awareness Programme on “Connecting Dots of Research”, Sexual Harassment of women at work place, Norms of Academic Publishing in interdisciplinary areas, 21st Century Skills

National Webinars conducted by IQAC:

Health and Healthcare in the Current Scenario – Covid 19, Rural based Start-up and Entrepreneurship Sanitary Product Manufacturing and Entrepreneurship Development, Some Aspect of Research Methodology, Management Knowledge: Useful or a Waste in Covid -19 Crisis, Modern Trends in Experimental Research: Insights from Regenerative Medicine and Metagenomics, NAAC Accreditation Under Revised Framework: Challenges and Strategies, Outcome Based Education

Internal Quality Assurance Cell: Activities

IQAC Publications:

Students Satisfaction Survey – Feedback analysis, Student internship programme
Self-Appraisal report, Amendments in Ph.D. ordinances and Research Handbook
Modification of syllabus for Ph.D. Course work, Industry institution linkages,
Draft MOU, Preparation of Annual Report

Inauguration
of the New
IQAC Office
16th January 2020



Connecting Dots of Research



"Norms of Academic Publishing in Interdisciplinary areas".



FDP on Machine Learning



Session on NAAC
Revised Framework



Placement
fair 2020



National
Workshop
"Research
Integrity
Awareness"









Cdt. Jayant Dinesh Jakhal
Reg.No.GJ18SDA200952
Faculty of Science
Joined as Airforce Man



Cdt. Rohit Krupal Kumar
Reg.No.GJ17SDA20051
Faculty of Commerce
Joined as Airforce Man



Cdt. Navneet Sorthiya
Reg.No.GJ17SDA200048
Faculty of Science
Joined as Airforce Man



29th January 2020

Chief Guest: Prof. D. P. Singh, Chairman, University Grants Commission, New Delhi





Major Preventive Measures taken by MSUB

University followed the lockdown in true spirit as per the guideline of the Government of Gujarat.

Whole University Campus was sanitized by the University Authorities and sanitization is conducted regularly

Food and other essentials were supplied to students staying in Hostels. MSUB made sure that the hostelites returned home safely

The University Health Centre (UHC) remained open on all days from 9:00am to 8:00 pm during the lockdown Period

UHC conducted awareness programs like talks on prevention spread of virus and charts and posters were prepared by the health centre staff on corona virus.

UHC Distributed sanitizer, masks and gloves to university offices, faculties, individual officers, to police stations and volunteers distributing food packets.

Medicine were home delivered regularly to Retired and very senior employees.

University Administrative Offices started working from 20th April 2022 as per the directives of the Govt of Gujarat.

Online Academic Engagements

Classes were shifted to online platforms from 14 March 2020

Groups comprising of teachers and students for classes of all programs offered by the University are formed in Microsoft teams.

Teachers and students training for the use of Microsoft Team were conducted by the team of experts and officers of Computer Center of MSUB

Online Moodle Training Programme is conducted for large number of teachers and students.

In addition to Microsoft Teams, teachers also make use of various other online platforms viz. Zoom, Webex, Google Meets, Skype etc. for online teaching and various other academic activities.

In addition to Microsoft Teams, teachers also make use of various other online platforms viz. Zoom, Webex, Google Meets, Skype etc. for online teaching and various other academic activities.

Teachers have conducted online classes along with effective use of various innovative pedagogical tools for teaching as well as continuous internal evaluation such as Online assignments, Presentations, Interactions, Submissions, Seminars as well as Online Quizzes, Objective test comprising of Multiple Choice and Short Answer type Questions etc.

In order to complete the syllabus, all the teachers are required to engage classes through online mode. Each teacher is required to take online attendance and submit reports of classes held, virtual practical conducted and various other online activities/online engagements as participated by them. Online problem solving and remedial sessions were also conducted.

Regular online meetings are conducted with project students (Masters and Bachelors) and PhD scholars. Ph.D. Coursework is also conducted online.

Online Academic Engagements

Video recording of laboratory experiments are prepared by the teachers and were distributed to the students. Teachers also developed simulations of the laboratory experiments and was distributed to the students along with the source code.

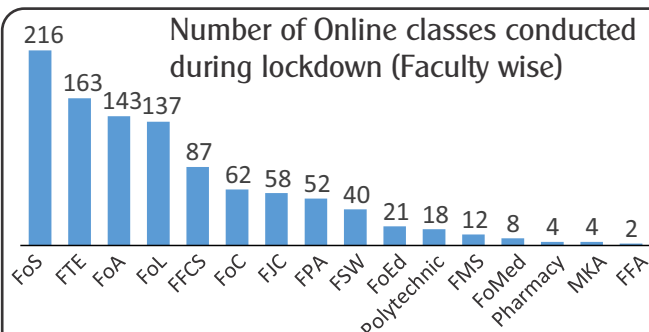
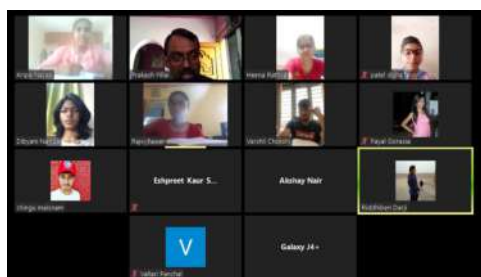
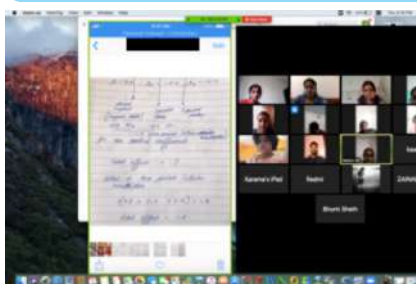
As per directive of the Government of Gujarat, concerned Deans / Principals / Heads of the Departments are asked to submit weekly attendance and progress reports of online activities of students and teachers to the office of the Registrar.

The university has completely Wi-Fi enabled campus supported with required IT infrastructure for conducting online teaching, research, and extension activities.

Online classes held has been recorded and shared with the students via multiple information sharing applications. Students were also provided with study materials, digital board-work, information about online resources etc.

Students are also provided career counseling and other kinds of mentoring to combat with anxiety, mental stress, and fear of unknown, by faculty members, counsellors and outside experts using online platforms.

More than 100 webinars were organized to provide live interactions to students and faculty members with experts in various fields during the lockdown.



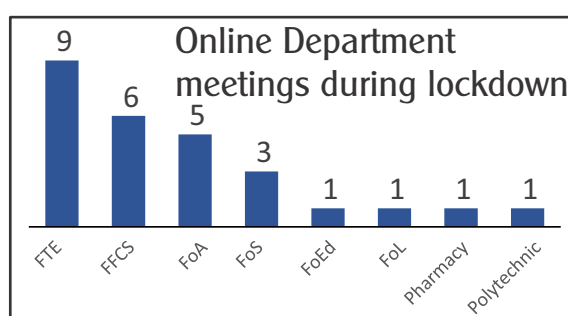
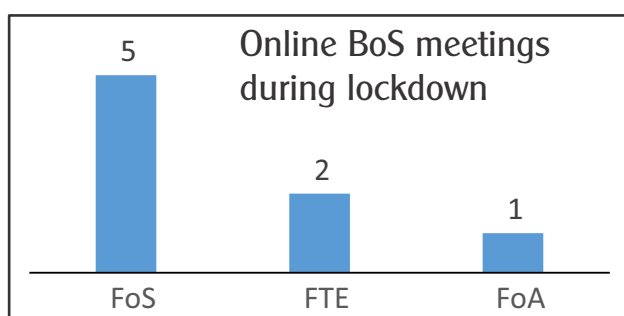
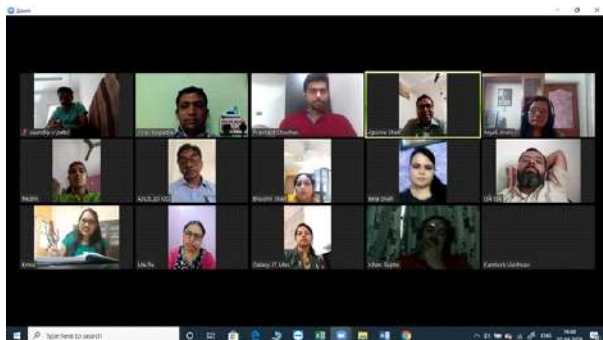
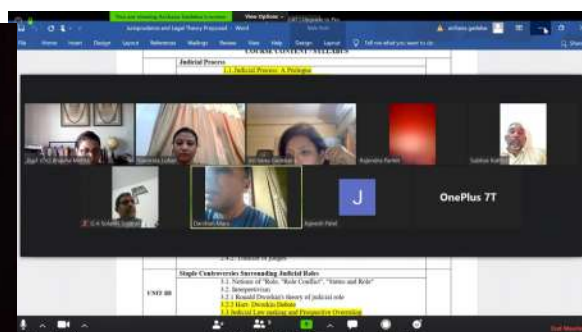
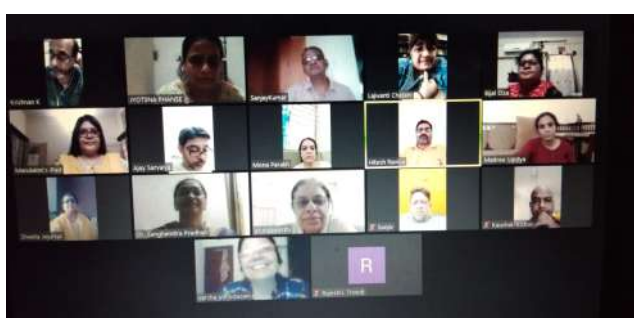
Online Administrative Engagements

Faculties and departments conducted online meetings of teaching and nonteaching staff members.

Departments also conducted online Board of Studies meetings regarding Examination Reforms.

Online meetings of Postgraduate Council were conducted by the MSUB regarding completion of syllabus and conduction of online examinations.

Meeting of Heads of the Departments were conducted online by each Faculty of MSUB.



Social Engagements

"WE TEAM MSU" provided hygienic food to the needy in Baroda every day during lockdown

MSU took of new initiatives like Science Faculty preparing hand Sanitizer for All Students and Staff Members.

MSUB distributed Mask, Hand gloves and Sanitizer to Police Personnel and NSS Volunteers assisted the traffic police at various parts of Vadodara.

NSS Volunteers delivered medical drugs and to the doorstep of MSU staff, senior citizens and retired employees.

NSS team in association with Government Ayurvedic College distributed Ayurvedic Kada to media personnel, university security, vigilance staff, university cleaning staff and university administrative staff.

NSS has been a part of the best out of waste initiative under which home made masks were made after collecting discarded cloth materials from tailors. These were distributed among vendors, senior citizens and the less privileged.

Hand sanitizer was prepared in the Faculty of Science and Faculty of Pharmacy and was distributed to various hostel and to volunteers. These Sanitizers were distributed in Rural areas of Gujarat.

Students of the MSUB and NSS Volunteers made an innovative and creative video on the theme of learn from corona:
C over yourself. O bey police. V aluate time. I mplement instructions.
D istance yourself 19 Unite-teen.



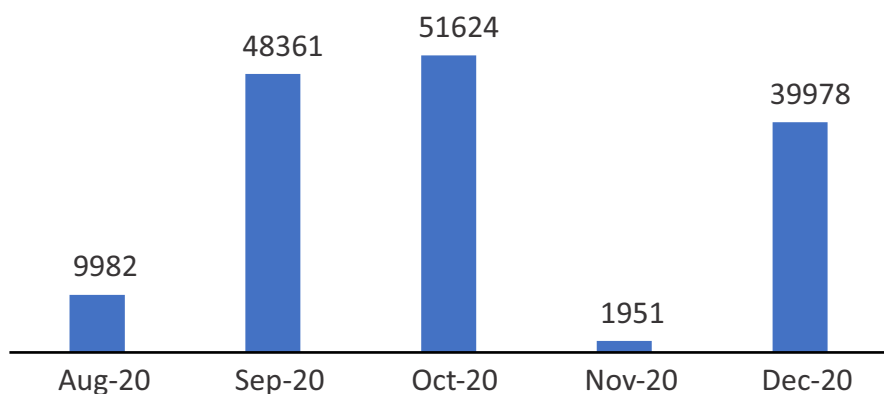
Online Examination

MSUB followed Merit Based Progression System as per the directives of Government of Gujarat for all students (UG and PG) except for Final Year Final Semester Students (UG and PG).

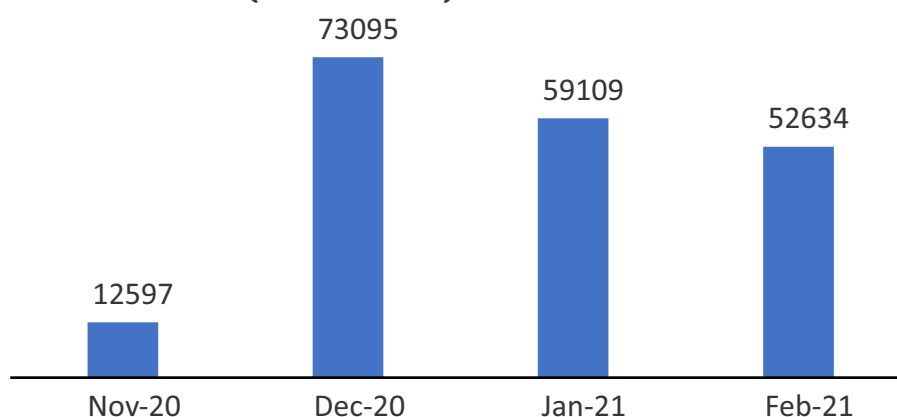
MSUB has indigenously developed an online examination portal for conduction of examinations of all final year, final semester undergraduate and postgraduate students.

Online Examinations

Number of Final Year Final Semester students appearing for online University examinations (course wise)



Number of students appearing for mid-semester online examinations (course wise)



Number of online assessments

30500

Total number of students appearing for online university examinations

307044

Total number of students appearing for online mid-semester examinations

197459

International Webinars

Sr. No.	Title of Online Event	Date	Organized By	Expert Speakers
1	National Webinar on 'Health and Healthcare in the Current Scenario – Covid -19'	8-9 May 2020	Internal Quality Assurance Cell, The Maharaja Sayajirao University of Baroda	Prof Anupam Basu, University of Burdwan, West Bengal; Prof Vibhakar C Kotak, New York University, USA; Dr Ashu Abhishek, Fortis Memorial Resaerch Institute, Gurugram
2	One day National Webinar on 'Mitochondrial Copper in Human Disease'	23 May 2020	Department of Biochemistry, Faculty of Science	Dr Vishal M Gohil, Texas A&M University, USA
3	Modern Trends in Experimental Research: Optics and Imaging in Healthcare	21-24 May 2020	Institute of Interdisciplinary Studies & Internal Quality Assurance Cell	Prof. Zeev Zalevsky, Bar-Ilan University, Israel; Prof. Daniel Claus, University of Ulm, Germany; Dr. Satish Dubey, IIT Delhi; Dr. Alok Singh, Bosetien, Germany; Satyajit Aher, Nikon, Mumbai; Dr Arun Anand, MSU Baroda
4	One Day International Webinar on Virtual Classrooms: A Necessity in Performing Arts Education	26 May 2020	Faculty of Performing Arts, The M.S University of Baroda, Vadodara	Prof Mandavi Singh, Indira Kala Sangeet Vishwavidyalaya; Prof Milind Malshe, IIT Bombay; Shri K Ganeshkumar; Shri Suman Kumar, Sangeet Natak Akademi, New Delhi; Shri John Ball, University of Sheffield, UK
5	One day International Webinar on "Managing People's Function in the World of COVID-19"	30 May 2020	Jointly organised by Faculty of Social Work and Faculty of Management Studies	Shri Sanjiv Inamdar, Ontario, Canada; Shri Ashok Jambur, IOCL, Rajkot; Ms Manpreet Patel, Global Business Data Resaerch center, Pennsylvania, USA; Ms Kuljeet Khurana, Chartered Member of CIPD and CM, Canada
6	Two days National Webinar on 'Modern Trends in Experimental Research: Insights from Regenerative Medicine and Metagenomics'	30-31 May 2020	Institute of Interdisciplinay Studies and Internal Quality Assurance Cell.	Dr Munjal Acharya, University of California, Irvine, USA; Dr Dhwani Desai, Dalhousie University, Halifax, Canada
7	5 Day Training Programme on Social Work Interventions During COVID-19"	27 May 2020 to 01 June 2020	Faculty of Social Work, The Maharaja Sayajirao University of Baroda	Prof Surinder Jaswal, TISS, Mumbai; Prof Jim Campbell, University College Dublin, Ireland; Prof Anna Scheyett, University of Georgia, USA; Dr Abraham Francis, James Cook University, Australia
8	One Day International Webinar on "Mathematics in Industry: Challenges and Frontiers"	03 June 2020	Office of International Affairs [OIA] Jointly with Department of Mathematics and Department of Statistics, Faculty of Science, Department of Applied Mathematics, Faculty of Technology and Engineering, MSUB	Prof Graeme Wake, Massey University, Auckland, New Zeland; Dr Ashleigh Hutchison, University of Witwatersrand, South Africa; Prof Colin Please, University of Oxford, England; Prof G Hiorth, Technical University of Denmark, Denmark; Prof Wil Schilders, TU Eindhoven, Netherlands

International Webinars

Sr. No.	Title of Online Event	Date	Organized By	Expert Speakers
9	Two days International Webinar on 'Focusing on Mathematical Models & Analysis of COVID-19 Crisis'	17-18 June 2020	Office of International Affairs (OIA) MSU	Prof. Matti Heilio, Lappeenranta University, Finland; Prof. Edwin R. Van, Eindhoven University of technology, Netherlands; Prof. Uffe Hogsbro, Technical University of Denmark, Denmark; Prof. Jean-Guy Caputo, INSA de Rouen, France; Prof. Tyll Kruger, Wroclaw University, Poland; Prof. Thomas Goetz, University of Koblenz-Landau, Germany; Professor Arni S. R. Srinivasa Rao, University of Georgia, USA; Dr. Betty Nannyonga, Makerere University, Uganda; Dr. Josephine Wairimu, University of Nairobi, Kenya; Dr. Robin Thompson, University of Oxford, UK
10	One day National Webinar on 'Leading Your Business Through Economic Crises'	22 June 2020	Office of International Affairs and Department of Business Economics, faculty of Commerce, MSU	Prof. Paresh Date, Brunel University London, UK; Prof. Ralf Korn, Fraunhofer ITWM, Germany; Dr. Ankur Sinha, IIM Ahmedabad; Dr. Tuomo Kauranne, Arbonaut Oy Limited, Finland; Dr. Chirgara Chakrabarty, Katic Consulting Limited, Mauritius; Dr. Anindya S. Chakrabarti, IIM Ahmedabad
11	One day National Webinar on 'E-Symposium on Physics Meets Biology in COVID 19'	23 June 2020	Department of Physics, Faculty of Science	Professor Shankar Ghosh, TIFR, Mumbai; Dr. Chintan Bhatt, Anton Paar, India and Anton Paar GmbH, Graz, Austria; Professor Ray Taylor, Northumbria University, UK.
12	One day National Webinar on 'Mysteries of Microbes'	23 June 2020	Department of Microbiology and Biotechnology Centre, Faculty of Science, MSU	Dr. Shashank Tripathi, IISc Bangalore; Dr. Thorsten Langner, The Sainsbury Laboratory, UK
13	One day International Webinar on 'Sudoku: Fun and Serious Mathematics'	03 July 2020	Office of International Affairs; Department of Mathematics, Faculty of Science, MSU and TU Eindhoven, The Netherlands	Prof Wil Schilders, Technical University of Eindhoven, Netherlands; Prof. Hans Zantema, Technical University of Eindhoven, Netherlands; Professor Marcy Elcsey-Ravasz, Babes-Bolyai University, Romania; Dr. Cor Hurkens, Technical University of Eindhoven, Netherlands; Professor Veit Elser, Cornell University, USA; Professor Gerald J. Janusz, University of Illinois, USA; Prof Manuel Cruz, Instituto Superior de Engenharia do Porto, Portugal

International Webinars

Sr. No.	Title of Online Event	Date	Organized By	Expert Speakers
14	One day International Webinar on 'Challenges of Identifying Geographic Trends in COVID-19 Cases and Effect of COVID-19 Lockdown on Air Quality in India'	10 July 2020	Department of Geography, Faculty of Science, MSU	Dr. Chetan Tiwari, University of North Texas, USA; Dr. Abhishek Kala, University of North Texas, USA
15	Two days International Symposium on 'Global Virtual Symposium: Investing in Maternal Infant and Young Child Nutrition (MIYCN) for Sustainable Development'	01 August 2020	Department of Food and Nutrition and its Alumni, Faculty of Family and Community Science, MSU	Dr. Arun Phatak, Kashiben Children's Hospital, Vadodara
16	One day National Webinar on 'Agriculture and Climate Change'	19 September 2020	Institute of Climate Change Research (ICCR) and Office of International Affairs (OIA), MSU	Dr. Ajit Govind, International center for Agricultural Research, Cairo, Egypt
17	National Webinar on '100 Years of Polymer Science: Looking back & the Future Ahead'	16-17 October 2020	Centre of Excellence in Polymers, Applied Chemistry Department, Faculty of Technology and Engineering and Internal Quality Assurance Cell, MSU	Dr. M. H. Mehta, Chairman, Gujarat Life Sciences Ltd; Padmashri Dr. S. Sivaram; Professor Rabah Boukherroub, Associate Editor, ACS Applied Materials and Interfaces; Prof. S. Ramakrishnan, The Society for Polymer Science, India; Prof. Bhuvanesh Gupta, Asian polymer Association
18	One day National Webinar on 'Inter-specific Competition for Nestbox cavities in a Savannah environment' to mark the beginning of 125 th year birth anniversary of Dr. Salim Ali	12 November 2020	The Department of Zoology, Faculty of Science, MSU	Dr. George Diederick, University of Limpopo, South Africa
19	Online launch of 'MSU Vision 2020, MSU Alumni Network Initiative'	11 December 2020	Office of Alumni Affairs & Donors Relations, MSU	Professor Parimal Vyas; Shri Ajay Bhatt, Inventor USB; Shri Raj Joshi, Silicon Valley, USA; Shri Rajesh Mathrani, Silicon Valley, USA; Shri Dinesh Sheth, Florida, USA; Shri Sunil Mehta, Washington DC, USA; Dr. Paritosh Pandya; Shri Rajesh Shah; Shri Haresh Kumbhani, Silicon Valley, USA; Shri Ramesh Nathani, Vancouver, Canada; Shri Mitesh Desai, Dallas, USA; Shri Anoop Kothiala

International Webinars



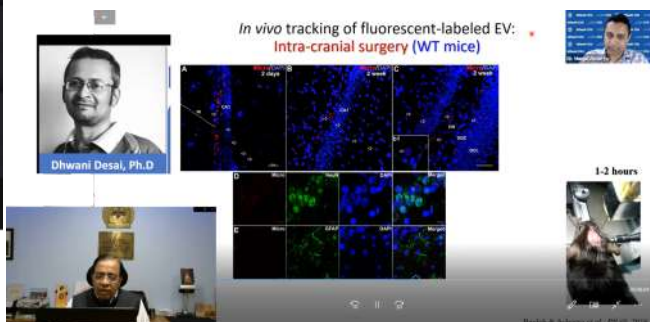
Webinar on 'Health and Healthcare in the Current Scenario - Covid -19' [8-9 May 2020]



Webinar on Modern Trends in Experimental Research: Optics and Imaging in Healthcare [23-24 May 2020]



One day International Webinar on "Managing People's Function in the World of COVID-19" [30 May 2020]



Webinar "Modern Trends in Experimental Research: Insights from Regenerative Medicine and Metagenomics" [30-31 May 2020]



Webinar on "Mathematics in Industry: Challenges and Frontiers" [03 June 2020]

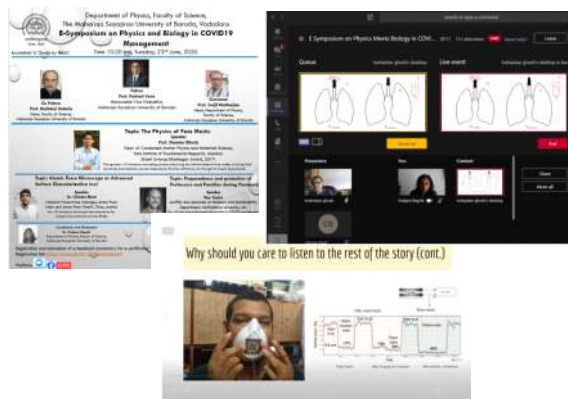


Webinar on "Focusing on Mathematical Models & Analysis of Covid -19 Crisis" [17-18 June 2020]

International Webinars



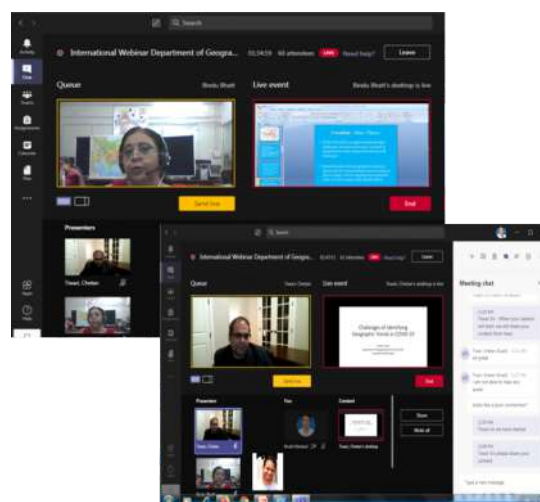
Webinar on "Leading Your Business Through Economic Crisis" [22 June 2020]



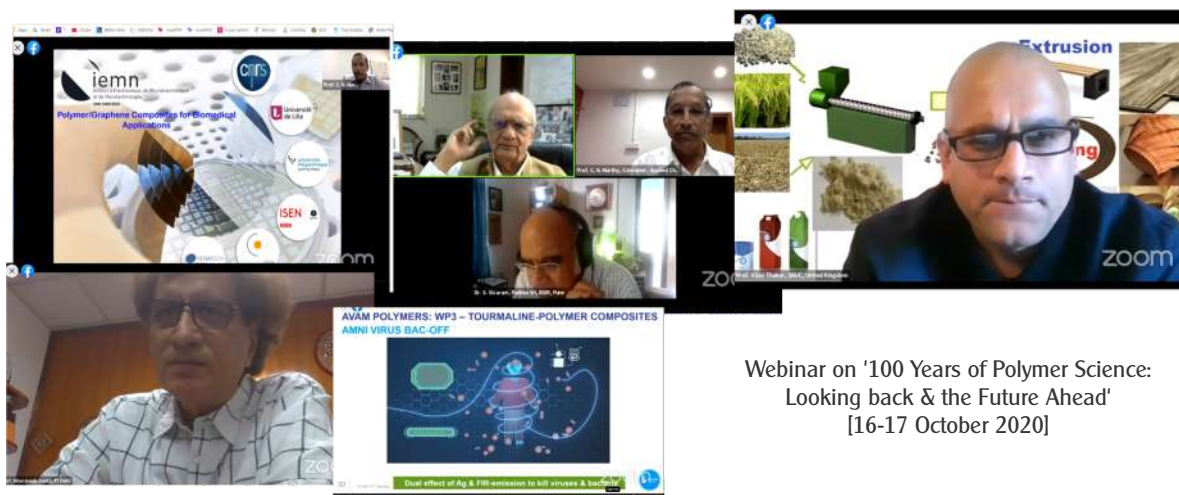
"E-Symposium on "Physics and Biology in Covid-19 Management" [23 June 2020]



Webinar on "Sudoku: Fun and Serious Mathematics" [03 July 2020]



Webinar on "Challenges of Identifying Geographic Trends in COVID -19 Cases" [10 July 2020]



Webinar on '100 Years of Polymer Science: Looking back & the Future Ahead' [16-17 October 2020]

National Webinars

Sr. No.	Title of Online Event	Date	Organized By	Expert Speakers
1	One Day Webinar on "Dr. Ambedkar and His Contribution in Nation Building"	24 April 2020	Faculty of Social Work, The Maharaja Sayajirao University of Baroda	Prof Sushma Yadav, Vice Chancellor, BPS Mahila Vishvavidyalay; Prof Chandrakanta Mathur, University of Delhi; Shri Kishor Makwana, Babasahed Ambedkar Open University; Shri Deoraj Singh, University of Delhi
2	'Emerging Challenges and Responses of Social Work Professional During Covid-19: The Way Forward', under the aegis of UGC-DSA Phase-III	01 May 2020	Faculty of Social Work, The Maharaja Sayajirao University of Baroda	Prof Jim Campbell, University College of Dublin, Ireland; Prof Aanna Scheyett, University of Georgia, USA; Dr Abraham Francis, James Cook University, Australia
3	Webinar on 'Drafting of Patent Application'	02 May 2020	Faculty of Law, The Maharaja Sayajirao University of Baroda	Ms Dipali Paum, IP Attorney, Ahmedabad
4	Webinar on 'Herbals at Home for Health Management During Covid-19'	09 May 2020	Department of Botany, Faculty of Science, The Maharaja Sayajirao University of Baroda	Dr. Satyanshu Kumar, Directorate of Medicinal and Aromatic Plants Research, Anand
5	Webinar on 'Corona Virus: Pharmaceutical Innovations'	09 May 2020	Department of Chemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda	Prof Mahendra Sonwane, TIFR, Mumbai; Dr Lakshmikanth Gandikota, INTAS Pharmaceuticals, Ahmedabad; Mr. Parag Nagarkar, Serum Institute of India, Pune
6	Webinar on 'Public Speaking'	09 May 2020	Office of Corporate Affairs (OCA), The Maharaja Sayajirao University of Baroda	Shri Sahil Jackson, NCC Expa India
7	Webinar on "Impact of COVID 19 on Pharma Market and Economy"	09 May 2020	Faculty of Pharmacy, The M.S University of Baroda, Vadodara	Shri Devendra Puntamekar, Oman Pharmaceuticals, Oman
8	National Webinar on 'Some Aspect of Research Methodology'	11-15 May 2020	Internal Quality Assurance Cell, The Maharaja Sayajirao University of Baroda	Prof Rakesh Srivastava, MSU Baroda; Prof Narayanan Srinivasan, IIT Kanpur; Prof Rajdeep Singh Huda, SGT University, Gurugram; Prof Kiran Pandya, South Gujarat University, Surat; Prof Gaurang Rami, South Gujarat University, Surat
9	National Webinar on "Rural based Start-up and Entrepreneurship Sanitary Product Manufacturing and Entrepreneurship Development"	12 May 2020	Unnat Bharat Abhiyan and Internal Quality Assurance Cell in Collaboration with SVNIT, Surat	Mrs Swati Bedekar, Vatsalya Foundation
10	One day Webinar on "Organisational Effectiveness and Employee Mental Health During the Period of Lockdown"	15 May 2020	Faculty of Education and Psychology, Inter-University Centre for Teacher's Education [IUCTE], The M.S University of Baroda, Vadodara	Prof Anuradha Sovani, SNDT Women's College, Mumbai; Dr Sudipa Roy, Psy Lens center, Surat; Prof Hitesh Bhatt, IRMA, Anand; Prof B R Jeswal, University of Pune; Dr T Vijaykumar, NIRD&PR, Guwahati; Dr Chandrani Sen, Rajasthan University, Jaipur
11	Webinar on 'Financial Reporting and Taxation Scenario Post Covid-19'	14-16 May 2020	Department of Accounting and Financial Management, Faculty of Commerce and Institute of Chartered Accountants of India, Baroda Chapter	CA Mukund M Chitale, President, ICAI, Mumbai; CA Amarjeet Cjopra, Former President, ICAI, Delhi; CA Sunil Ghabhawala; CA Pritam Goswami; Adv Tushar Hemani

National Webinars

Sr. No.	Title of Online Event	Date	Organized By	Expert Speakers
12	Webinar on 'Covid-19 Joys of Family Life'	17 May 2020	Faculty of Social Work, The Maharaja Sayajirao University of Baroda	Gnanvatsal Swami; Shri Bhupendrasinh Chudasama, Hon'ble Minister of Education, Government of Gujarat; Smt. Vinhariben Dave, Hon'ble Minister of State for Education, Government of Gujarat; Smt. Anju Sharma, Hon'ble Principal Secretary, Department of Education, Government of Gujarat
13	Two days webinar on 'Cybergogy for 21 st Century Classrooms'	18-19 May 2020	Inter-University Centre for Teacher Education, Department of Education	V.P.Joshith; Dr K Thiagusuri
14	Two days National webinar on 'Swar Sanskar-Riaz in Indian Music'	25 and 27 May 2020	Department of Indian Classical Music-Vocal, Faculty of Performing Arts.	Smt Arati Ankalikar; Dr Ram Shankar, BHU; Prof T Unnikrishnan, IKSU, Khairagarh
15	One day Webinar on "PEEPAL- THE BODHI TREE"	26 May 2020	M.K Amin Arts and Science College and College of Commerce, Padra, M.S University of Baroda	Dr Jitendra Gavli, Regional Community Science Center, Vadodara
16	Webinar on "Understanding the Central Limit Theorem"	28 May 2020	Faculty of Science and Department of Statistics, The M.S University of Baroda	Professor K Murlidharan, MSU Baroda
17	One day National Webinar on 'Management Knowledge: Useful or a Waste in Covid -19 Crises'	28 May 2020	Faculty of Management Studies and Internal Quality Assurance Cell.	Prof Navin Mathur, Jagannath University, Jaipur
18	One day National Webinar on 'Digital and Social Media Marketing'	28 May 2020	Department of Commerce and Business Management, Faculty of Commerce	Shri Karan Shah, IIDE, Mumbai
19	Webinar on "Glimpses of Plant Sciences on Ancient India"	28 May 2020	Faculty of Science, The Maharaja Sayajirao University of Baroda	Dr S Sundarajan, St. Joseph's College, Bangalore
20	One Day National Webinar on 'Countrybution- 2020- Self Reliance driven Leadership: Work Local and Lead Global'	30 May 2020	Institute of Leadership and Governance (ILG)	Shri Ram Madhav Ji, National General Secretary, BJP
21	One Day Webinar on "Mental Preparation for Rejoining Sports During COVID-19"	01 June 2020	Department of Physical Education, The M.S University of Baroda, Vadodara	Shri Karanbif Singh, Tata Sports Academy
22	One day National Webinar for School Students on 'Biodiversity and its Conservation'	5 June 2020.	Jointly organised by Department of Environmental Science, Faculty of Science, MSU and Vijnana Bharti and Vigyan Gurjari, Vadodara Chapter	Mr. Kashyap Trivedi, VG-Vadodara; Dr. Rajendra N Jadeja, MSU Baroda; Dr Padmanabhi Nagar, MSU Baroda; Prof.Kauresh Vachhrajani, MSU Baroda; Dr.Ranjitsinh Devkar, MSU Baroda
23	One Day National Webinar on 'Climate Resilient Cities'	5 June 2020.	Institute of Climate Change Research, MSU	Prof Dev Niyogi, Purdue University, USA
24	Two days National Webinar on Biodiversity Conservation and Our Role' on the occasion of World Environment Day	6-7 June 2020	Department of Environmental Studies, Faculty of Science, MSU	Dr Arun Mani Dixit, Center for Environ and Social Concerens, Ahmedabad; Ms Heeta Lakhani; Ms Sneha Dharwadkar; Dr Bhavik Patel, Bombay National History Society

National Webinars

Sr. No.	Title of Online Event	Date	Organized By	Expert Speakers
25	One day National Webinar on 'NAAC Accreditation Under Revised Framework: Challenges and Strategies'	6 June 2020	Internal Quality Assurance Cell, MSU	Prof Bijender Kumar Punia, Guru Jambheshwar University of Science and Technology, Haryana; Dr Shyam Singh Inda, NAAC, Bangalore.
26	One day National Webinar on 'Cyber Security and Challenges'	8 June 2020	The Maharaja Sayajirao University of Baroda	Prof Parimal Vyas, Shri Bhupendrasingh Chudasama, Prof Maninder Singh, Smt. Vibhavariben Dave, Ms Ansu Sharma
27	Six days National Webinar Series on Pathways for Start-up and Innovation on Webinar -1 'SSIP Policy and State Approach'	8 - 13 June 2020	Centre for Start-up and Innovation, MSU	Shri Hiranmay Mahanta, i-Hub, Gandhinagar
28	One day National Webinar on 'Career Avenues in Law'	10 June 2020	Faculty of Law, MSU	Ms Janani Iyer, VITF Eduservices, Mumbai; Ms Krutika Sharma, Madison Law Firm, Minneapolis, USA; Dr. Ketan Desai, MSU Baroda
29	Six days National Webinar Series on Pathways for Start-up and Innovation on Webinar -1 'Creative Thinking'	9 June 2020	Centre for Start-up and Innovation, MSU	Dr Jayashankar Das, SOA Deemed to be University, Bhubaneswar
30	Six days National Webinar Series on Pathways for Start-up and Innovation on Webinar -3 'Development of Prototypes'	10 June 2020	Centre for Start-up and Innovation, MSU	Shri Anup Jagdish Vadhada, Excel Engineering Services; Mr. Anand Vadhada, Myrestica Technologies Pvt Ltd
31	Six days National Webinar Series on Pathways for Start-up and Innovation on Webinar -4 'Business Plan for Start-ups'	11 June 2020	Centre for Start-up and Innovation, MSU	Shri Mayank Patel, Center for Advancing and Launching Enterprises
32	One day National Webinar on 'Biodiversity Conservation: Global Perspectives'	11 June 2020	Department of Zoology, Faculty of Science, MSU	Dr. Vinod Mathur, National Biodiversity Board, India
33	One day National Webinar Series on Pathways for Start-up and Innovation on Webinar -4 'Creating Start-up Entity'	12 June 2020	Centre for Start-up and Innovation, and Office of career Advancement for Students, MSU	Prof Parimal Vyas; Shri Bhupendrasingh Chudasama, Hon'ble Education Minister, Govt of Gujarat; Smt. Vibhavariben Dave, Hon'ble Minister of State for Education, Government of Gujarat; Ms. Anju Sharma, Hon'ble Principal Secretary, Department of Higher and Technical Education, Government of Gujarat; Dr. Sunil Shukla, EDII Gandhinagar; Shri Satya Acharya, EDII Gandhinagar
34	One day National Webinar on 'Agriculture 2.0: How new age Agri-tech start-ups are transforming Indian agriculture'	12 June 2020	Management Student Forum of Faculty of Management Studies, MSU	Shri Shitikanth Mishra, GSFC Agrotech Ltd.

National Webinars

Sr. No.	Title of Online Event	Date	Organized By	Expert Speakers
35	One day National Webinar on 'Brand Marketing'	13 June 2020	Management Student Forum of Faculty of Management Studies, MSU	Ms Aditi Chakraborty, Paytm Money
36	One day National Webinar on 'The Needle Narratives'	14 June 2020	Textile and Apparel Design, Institute of Fashion Technology, Faculty of Family and Community Science, MSU	Shri Lokesh Ghai; Ms Karishma Shahani Khan, Ka-Sha; Ms Mahamaya Sikhdar; Dr. Shriram Pawar; Ms Miral Patel
37	One day National Webinar on 'Outcome Based Education'	14 June 2020	Internal Quality Assurance Cell and Department of Russian & French, Faculty of Arts, MSU	Dr. Shyam Singh Inda, NAAC Bangalore
38	One day National Webinar on 'Envisaging Professional Opportunities in Apparel and Textile Design-Now and Beyond'	15 June 2020	Textile and Apparel Design Programme, Technology, Faculty of Family and Community Science, MSU	Professor Pradyumna Vyas, Former Director, NID; Ms Purvi Doshi; Shri Viral Desai, Zenitex Mills Pvt Ltd
39	One day National Webinar on 'Research and Education During COVID-19 Pandemic: An Opportunity Foretold'	15 June 2020	Dr. Vikram Sarabhai Institute of Cell & Molecular Biology, Faculty of Science, MSU	Professor L. S. Shashidharan, Former Chair of Biology, IISER Pune
40	Three days National Webinar on 'Century of Quantum Mechanics and Still Going Strong'	15-17 June 2020	Applied Physics Department, Faculty of Technology and Engineering, MSU and Gujarat Science Academy (GSA); and Indian Association of Physics Teachers (IAPT RC-07); Indian Physics Association (IPA Baroda Chapter)	Prof. S. Lokanathan, University of Rajasthan, Jaipur; Prof. Ajoy Ghatak, Former professor, IIT Delhi; Prof. Pankaj S. Joshi, Provost, CHARUSAT, Changa; Padmashri Prof. H. C. Verma, Former Professor, IIT Kanpur; Dr. Anandkumar Jha, IIT Kanpur; Prof. V. N. Potbhare, Former Professor, MSU Baroda; Prof. P. K. Jha, MSU Baroda
41	One day National Webinar on 'The Quality of Research Publications'	16 June 2020	The Maharaja Sayajirao University of Baroda	Prof. Appa Rao Podile, Vce Chancellor, Hyderabad Central University; Prof. Pramod K. Nayar, Hyderabad Central University; Dr. Shubhada Nagarkar, University of Pune
42	One day National Webinar on 'Post COVID Challenges and Opportunities in Banking Sector'	17 June 2020	Department of Banking, Faculty of Commerce, MSU	Prof K. Srinivasa Rao, Institute of Insurance and Risk Management, Hyderabad
43	One day National Webinar on 'Rejuvenating Climate Actions: Think Global Act Local'	17 June 2020	Institute of Climate Change Research, MSU	Prof. Amit Garg, IIM Ahmedabad
44	Six Days Dramatic Reading Web Theatre Festival'	18-23 June 2020	Management Development Centre, MSU	Shri Pankaj Bhatt; Padmashri Sarita Joshi and other Performances
45	One day National Webinar on 'Bloom's Taxonomy based Higher Order MCQs and Automatic Assessment Tools'	18 June 2020	Internal Quality Assurance Cell and Management Development Centre, MSU	Shri Ramani Venkat, NLP Trainer

National Webinars

Sr. No.	Title of Online Event	Date	Organized By	Expert Speakers
46	Four days 'Fin-Talks' Session on Finance-National Webinar on 'How COVID-19 Changes the Outlook for Economy and Stock Market'	17 June 2020	Management Students Forum of Faculty of Management Studies, MSU	Dr. Aditya Srinivas, COO and Chief Economist, Bombay Stock Exchange
47	Four days 'Fin-Talks' Session on Finance-National Webinar on 'Asset Allocation Vital for Wealth Creation'	18 June 2020	Management Students Forum of Faculty of Management Studies, MSU	Dr. Aditya Srinivas, COO and Chief Economist, Bombay Stock Exchange
48	Four days 'Fin-Talks' Session on Finance-National Webinar on 'FI vs Mutual Funds Which One Backs Indian Market'	19 June 2020	Management Students Forum of Faculty of Management Studies, MSU	Dr. Aditya Srinivas, COO and Chief Economist, Bombay Stock Exchange
49	Four days 'Fin-Talks' Session on Finance-National Webinar on 'Mutual Funds for Wealth Creation'	20 June 2020	Management Students Forum of Faculty of Management Studies, MSU	Dr. Aditya Srinivas, COO and Chief Economist, Bombay Stock Exchange
50	One Day National Webinar on 'Youth & Career Counselling Opportunities After 10 th and 12 th Standard'	18 June 2020	Jointly organised by Faculty of Social Work, MSU and Aman Annand-Hingorani Foundation	Professor Ashok Hingorani
51	One day National Webinar on 'Infodemic in the time of a Pandemic: What Public Health Professionals and Media can do better?'	19 June 2020	Faculty of Journalism and Communication, MSU	Dr. Mudita Dave
52	One day National Webinar on 'Film Censorship'	19 June 2020	Faculty of Law, MSU	Ms Madhavi Goradia Divan, Additional Solicitor general of India, Supreme Court of India
53	One day National Webinar on 'Transformative Constitutionalism'	22 June 2020	Faculty of Law, MSU	Hon'ble Mr. Justice Dipak Misra, Former Chief Justice, Supreme Court of India
54	One day National Webinar on 'Nutrition in Fitness and Sports'	18 June 2020	Department of Foods and Nutrition and its Alumni, Faculty of Family and Community Sciences, MSU	Ms Pooja Gaur, Netaji Subhash National Institute of Sports (NSNIS), Patiala; Ms Aditi Joshi; Ms Shaily Chauhan; Ms Shital Mehta
55	One day National Webinar on One day 'Opportunities in Political Leadership and Governance'	21 June 2020	Institute of Leadership and Governance, MSU	Shri Shakti Sinha; Dr. Jigar Inamdar; Shri Vishwas Jambu; and Students
56	One day International Webinar on 'Health and Nutrition Care for the Elderly'	21 June 2020	Department of Foods and Nutrition and Foods and Nutrition Alumni Association, Faculty of Family and Community Sciences, MSU	Dr. B. Sesikeran, National Institute of Nutrition, Hyderabad; Dr. Jamuna Duvvuru, Hon'ble Vice Chancellor, Sri Padmavati Mahila Visvavidyalayam; Dr. Seema Puri, Institute of Home Economics, Delhi University; Dr. Neha Shah; Dr. Monika Jain, Banasthali Vidyapith, Rajasthan
57	One day National Webinar on 'Celebration of International Yoga Day'	20 June 2020	Faculty of Social Work, MSU	Shri Dushyant Modi

National Webinars

Sr. No.	Title of Online Event	Date	Organized By	Expert Speakers
58	One day National Webinar on '6 th International day of Yoga 2020'	21 June 2020	Department of Physical Education, MSU	Rajmata Shubhangini Raje Gaekwad; Professor Parimal Vyas
59	One day National Webinar on 'Growth Hacking and Inbound Marketing'	21 June 2020	Faculty of Management Studies, MSU	Shri Ayush Srivastava, GrabOnRent
60	Book Launch of 'Turning Curse in to Boon' written by Tushar Vyas and e-live telecast on Facebook	23 June 2020	Institute of Leadership and Governance, MSU	Shri Matswami Respected Shri Sadanand Saraewatiji Maharaja
61	One day National Webinar on 'COVID-19, Impact and social Work Intervention'	26 June 2020	Faculty of Social Work, MSU	Professor Pamela Singla, Delhi University
62	National Webinar on 'Relevance of Bhagvad Geeta for Businesses'	25 June 2020	Faculty of Management Studies, MSU	Shri Shallendra Mishra, Designcut Group of Companies
63	One day National Webinar on 'Protectionism V/S Nationalism'	29 June 2020	Department of Economics, Faculty of Arts	Professor A D N Bajpaiji, Mahatma Gandhi Viswavidyalaya, Madhya Pradesh; Professor O.P. Shukla, National Defence Academy, Pune
64	National Webinar Series - Mysteries of Microbes on 'Cellular Signalling in the Pathogen Mycobacterium Tuberculosis'	30 June 2020	Department of Microbiology and Biotechnology Centre, Faculty of Science, MSU	Professor Vinay K. Nandicoori, National Institute of Immunology
65	One day National Webinar on COVID data Management and Epidemiological Analytics Dealing with Government Data Records'	29 June 2020	Department of Statistics, Faculty of Science, MSU	Dr. Prashant Kirkire, Euparaxia Center for Clinical Excellence LLP
66	One day Counselling & Guidance Webinar on Opportunity at Faculty of Science - After 12 th Science'	30 June 2020	Faculty of Science, MSU	Prof Parimal Vyas; Prof Haribhai Kataria
67	One day National Webinar on 'Status of Social Work Education in India'	03 July 2020	Faculty of Social Work, MSU	Prof Y S Siddegowda, Vice Chancellor, Tumkur University, Karnataka; Prof. Jagdish Jadhav, Central University of Rajasthan
68	One day National Webinar on 'Revised NAAC Assessment and Accreditation Process for Affiliated Colleges'	07 July 2020	National Assessment and Accreditation Council and Maharaja Sayajirao University of Baroda	Dr. Ganesh Anant Hegde, NAAC Bangalore; Dr. Leena Gahane, NAAC Bangalore; Dr. A. V. Prasad, NAAC Bangalore; Dr. N. R. Mohan, NAAC Bangalore
69	One day Online Session on 'Entrepreneurship, Innovation and Technology in a Post-Covid-19 World'	9 July 2020	Faculty of Management Studies, MSU	Shri Dhananjay Singh, GST Department, Vadodara
70	One day National Webinar on 'An Interactive Session with Pandit Hemant Kothari - Music for Body, Mind and Soul'	9 July 2020	Trivendievi Kashinath Agrawal- Management Development Centre and Faculty of Performing Arts, MSU	Pandit Hemant Kothari

National Webinars

Sr. No.	Title of Online Event	Date	Organized By	Expert Speakers
71	One day National Webinar on 'Energy and Environment'	9-10 July 2020	Applied Physics Department, Faculty of Technology and Engineering, MSU; Indian Physics Association, Baroda Chapter; Indian Association of Physics Teachers; Gujarat Science Academy; National Academy of Science, Ahmedabad Chapter	Padma Vibhushan Dr. R. Chidambaram, Former National Scientific Adviser; Padma Shri Dr. M H Mehta, Chairman, National Working Group on Eco Agriculture – ICFA; Prof. K. L. Yadav, IIT Roorkee; Prof. Nandu Chaurse, Pune University; Dr. N. K. Acharya, MSU Baroda
72	One day National Webinar on 'Diversity and Habitat Specifications of Fungi: A Scenario in Monsoon'	10 July 2020	Department of Environment Studies, Faculty of Science, MSU	Dr. Sunil Kumar Deshmukh; Dr. Paras Nath Singh, MACS Agharkar Research Institute, Pune
73	One day National Webinar on 'Music-Tabla- An Interactive Session with Professor Pravin Uddhav & Dr. Manoj Mishra, Tabla Shiksha Ke Chaturvidh'	10 July 2020	Trivendiev Kashinath Agrawal- Management Development Centre and Faculty of Performing Arts, MSU	Prof. Pravin Uddhav, BHU; Dr. Manoj Mishra, Bhatkande Music University, Lucknow
74	One day National Webinar on 'Mental Health and Mental Wellbeing'	14 July 2020	Faculty of Social Work, MSU; Sambandh Clinic & Circle of Care by Lagni Foundation	Ms. Dipti Gangera
75	One day National Webinar on 'An Interactive Session with Pandit Hemant Kothari - Music for Body, Mind and Soul'	14 July 2020	Trivendiev Kashinath Agrawal- Management Development Centre and Faculty of Performing Arts, MSU	Pandit Hemant Kothari
76	One day National Webinar on 'Music-Tabla- An Interactive Session with Professor Pravin Uddhav & Dr. Manoj Mishra, Tabla Shiksha Ke Chaturvidh'	15 July 2020	Trivendiev Kashinath Agrawal- Management Development Centre and Faculty of Performing Arts, MSU	Prof. Pravin Uddhav, BHU; Dr. Manoj Mishra, Bhatkande Music University, Lucknow; Prof. Gaurang Bhavsar, MSU Baroda
77	One day National Webinar on 'COVID Lessons – Parameters of Development'	17 July 2020	Internal Quality Assurance Cell, MSU	Shri Mukul Kanitkarji, Bharatiya Shikshan Mandal
78	One day National Webinar on 'Start-ups & Entrepreneurship in Science'	19 July 2020	Institute of Interdisciplinary Studies & Faculty of Science, MSU	Shri Rohit Dave
79	Two days National Webinar on 'Mapping of Computer Assisted Qualitative Data Analysis Software (CAQDAS)'	23-24 July 2020	Inter University Centre for Teachers Education, Department of Education, Faculty of Education and Psychology, MSU	Prof P. Vigneswara Ilavarasan, IIT Delhi; Shri Vinal George Biju, Christ University; Dr. Aditi Arur, Christ University, Bangalore
80	One day Digital Conclave organised by Education Department, Government of Gujarat	25 July 2020	Education Department, Government of Gujarat	Smt. Vibhavriben Dave, Hon'ble Minister of State for Education, Government of Gujarat; Ms. Anju Sharma, Hon'ble Principal Secretary, Department of Higher and Technical Education, Government of Gujarat.
81	One day National Webinar on 'Skillsets for Corporate Success'	27 July 2020	Faculty of Management Studies, MSU	Shri Robin Banerjee, Caprihans Ltd

National Webinars

Sr. No.	Title of Online Event	Date	Organized By	Expert Speakers
82	One day National Webinar on 'Competencies Required in Disruptive Era Post Pandemic'	01 August 2020	Office of Alumni Affairs & Donor Relations and Faculty of Social Work, MSU	Shri Vishal Dalvi, Suzuki Motors; Shri Hemane Desai; Shri. Sangrainsinh Pawar, Atos Syntel
83	One day National Webinar on 'Atmanirbhar Bharat – Role of Universities'	7 August 2020	Internal Quality Assurance Cell (IQAC)	Prof Aniruddhji Deshpande, President, CEDA, Pune
84	Seven Days National Level inaugural ceremony of 'Samvad – 7 Days Youth Theatre Integration' [Inaugural ceremony on 9-8-20]	9-15 August 2020	Department of Dramatics, Faculty of Performing Arts, MSU	Shri Suman Kumar, Sangeet Natak Akademi, New Delhi
85	Seven Days National Level inaugural ceremony of 'Samvad – 7 Days Youth Theatre Integration'[Concluding ceremony on 15-8-20]	9-15 August 2020	Department of Dramatics, Faculty of Performing Arts, MSU	Padmashree Manoj Joshi; Padmashree Bansal Kaul
86	Five Days National Level Programme on 'Show Cases the Dance Production Works by The Gujarati Dancers of Gujarat of Bharatanatyam and Kathak Styles'	24-28 August 2020	Office of Alumni Affairs & Donors Relations, MSU in association with The J. G. College of Performing Arts, Ahmedabad; ICCR Regional Centre Ahmedabad; Anjali Memorial Committee, Vadodara	Professor Parimal Vyas and Dance Performance Artists
87	Online Lecture on 'Merging Dynamics with Data: A Mathematical Perspective on Climate Science'	29 August 2020	Institute of Climate Change Research, MSU	Dr. Amit Apte, International center for Theoretical Sciences, TIFR, Bangalore; Dr. Tuomo Kauranne, Oy Arbonaut Ltd, Finland; Dr. Jarno Hamalanien, Oy Arbonaut Ltd, Finland; Prof. Chris Budd, University of Bath, UK
88	Online Lecture on 'Modelling Climate Change with Remote Sensing of Forests as a Mathematical Challenge'	31 August 2020	Institute of Climate Change Research, MSU	Dr. Tuomo Kauranne, Oy Arbonaut Ltd, Finland
89	Online Lecture on 'Mathematical Models of Climate Change; The Good, The Bad and The Ugly'	5 September 2020	Institute of Climate Change Research, MSU	Prof. Chris Budd, University of Bath, UK
90	One day National Webinar on 'Education Beyond Books'	30 August 2020	National Service Scheme, Faculty of Technology, MSU	Shri Sanjay Raval
91	National Virtual Symposium on 'Indian Food Anthropology- A Cross Cultural Empowerment Symposium For Health Practitioners' on occasion of National Nutritional Month Celebrations - 2020	04 September 2020	Department of Food & Nutrition and its Alumni, The Faculty of Family and Community Science, MSU and Department of Dietetics, Dr. Ram Lohia Institute of Medical Sciences, Lucknow.	Ms Poonam Tiwari, Dr. Ram Manohar Lohia Institute of Medical Sciences, Lucknow; Prof. Vanisha Nambiar, MSU Baroda; Prof. Meenakshi Mehan, MSU Baroda; Prof. Nuzhat Husain, DR. Ram Manohar Lohia Institute of Medical Sciences Lucknow; Dr. Meenall Dhall, University of Delhi, New Delhi; Anuja Agarwala, AIIMS, New Delhi

National Webinars

Sr. No.	Title of Online Event	Date	Organized By	Expert Speakers
92	One day National Webinar on 'Reversal of Diabetes' under National Webinar Series 1.0: Medical Nutrition Therapy	08 September 2020	Department of Foods and Nutrition, Faculty of Family and Community Science, MSU	Ms. Shilpa Joshi
93	One day National Webinar on 'Practical Aspects of Patents and IPR'	9 September 2020	Vikram Sarabhai Institute of Cell & Molecular Biology, Faculty of Science, MSU	Shri Ankush Mahajan, IP Attorney
94	One Day National Webinar on 'Unnat Bharat Abhiyan'	24 September 2020	Unnat Bharat Abhiyan and Internal Quality Assurance Cell, MSU	Prof. Jagdish Jadhav, Central University of Rajasthan; Shri. Pradeep Agrawal, Director, Shaswat Vikas Prabodhan Parishad, Vadodara; Dr. K. D. Yadav, SVNIT Surat
95	One Day National Webinar on 'Importance of Spiritual and Emotional Quotient Over Intelligent Quotient' as apart of NSS Day Celebration	27 September 2020	National Service Scheme, Faculty of Technology and Engineering & Faculty of Social Work	Pujya Gyanvatsal Swamiji; Dr. Kamal Kumar Kar, Head, Directorate of National Service Scheme, New Delhi
96	National Webinar on 'Value Based Education for Pre-Service Teachers, In-Service Teachers and Teacher Educators'	12 October 2020	Faculty of Social Work, Internal Quality Assurance, MSU and Centre for Professional Development of Teacher Educators, North-Eastern Hill University, Shillong	Prof. B. P. Sahu, North-Eastern Hill University, Meghalaya; Prof. Navneet Arora, IIT Roorkee; Prof. C. P. Singh, Kurukshetra University; Prof. Bhavna Mehta, MSU Baroda
97	1 st Virtual Southeast Asian Study Group Meeting on Industrial Problems (VSEASGMIP2020)	12-16 October 2020	Office of Internal Affairs, Department of Applied Mathematics and Statistics, MSU	Professor Parimal Vyas; Rajmata Shubhangini Devi Gaekwad
98	National Webinar series – I on 'Digital Pathways – Connecting the DOTS for Sustainable Craft Ecosystem'	15 October 2020	Department of Clothing and Textile, Faculty of Family and Community Science, MSU	Shri Ashish Dochana; Shri Kalpesh Tulsi Gajara
99	One day National Webinar on 'Sardar Patel & Foreign Policy'	31 October 2020	Institute of Leadership and Governance, MSU	Shri Shakti Sinha, Director, Atal Bihari Vajpayee Institute of Policy Research and International Studies, MSU Baroda
100	Virtual Inauguration of 'Maharaja Sayajirao Innovation, Startup and Entrepreneurship Centre'	10 November 2020	Maharaja Sayajirao University of Baroda	Shri Bhupendrasinh Chudasama, Hon'ble Minister of Education, Government of Gujarat; Smt. Vinhavariiben Dave, Hon'ble Minister of State for Education, Government of Gujarat; Smt. Anju Sharma, Hon'ble Principal Secretary, Department of Education, Government of Gujarat; Shri M. Nagrajan, Hon'ble Executive Director, Department of Higher Education, Government of Gujarat; Shri Narayan Madhu, Hon'ble Joint Commissioner, Department of Higher Education, Government of Gujarat; Shri Hiranmay Mahanta, CEO, i-Hub, Gujarat; Professor Parimal Vyas, Vice Chancellor, MSU Baroda
101	Online Lecture Series on 'Constitution by Constitution for Common Man'	26 November 2020	Faculty of Law and Institute of Leadership and Governance, MSU	Sr. Advocate Aishwarya Bhati, Additional Solicitor General of India, Supreme Court of India

National Webinars

Sr. No.	Title of Online Event	Date	Organized By	Expert Speakers
102	One day National Webinar on 'Legacy of Dr. Ambedkar in the 21 st Century' on the occasion of the 64 th Mahaparinirvan Diwas of Dr. B. R. Ambedkar	07 December 2020	Faculty of Social work, MSU	Dr. C. Sheela Reddy, Indian Institute of Public Administration, New Delhi
103	Online training on 'Corporate Readiness'	15 December 2020	Centre for Career Counselling, Training and Placement under Office of Career Advancement and Studies, MSU	Shri Farzad Pervez Bokdawala, Apidel Technologies
104	National Webinar on 'Grassroot Innovation – Social Entrepreneurship – One day Capacity Building Program for Students'	21 December 2020	Centre for Career Counselling, Training and Placement under Office of Career Advancement for Students, MSU	Shri Chetan Patel
105	One day National 'Online Mega Placement Drive'	16 December 2020	Centre for Career Counselling, Training and Placement under Office of Career Advancement for Students, MSU	Shri Pradeep Talreja; Shri Farzad Bokdawala
106	Lecture – III of the Online Lecture series on 'Constitution by Constitution for Common People'	26 December 2020	Faculty of Law and Institute of leadership and Governance, MSU	Advocate J. Sai Deepak
107	One day National Webinar on 'Financial Market – Unleash your Financial Energy Thought for Budding Leaders of Tomorrow'	28 December 2020	Faculty of Management Studies and Centre for Career Counselling, Training and Placement under Office of Career Advancement for Students, MSU	Dr. Sharan Kumar Shetty
108	Expert Talk on 'Employment in Hindi and Hindi in Employment'	12 January 2021	Centre for Career Counselling, Training and Placement under Office of Career Advancement for Students, MSU	Shri Punit Kumar Mishra, Bank of Baroda
109	Inaugural session of '57th Annual Conference of Gujarat Ganit Mandal (Online)'	25-27 December 2020	Department of Mathematics, Faculty of Science and Gujarat Ganit Mandal	Shri Nita Sanghavi,

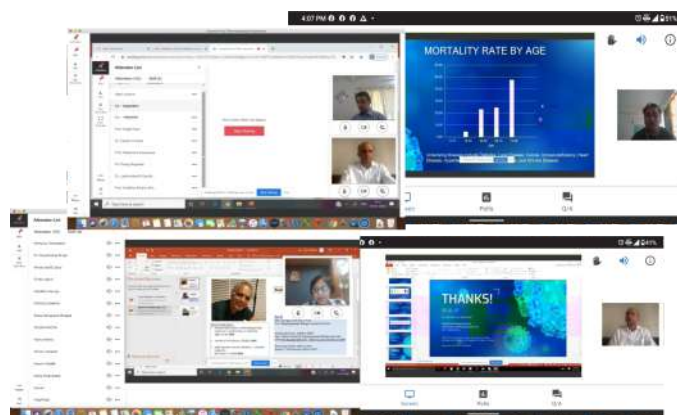


Webinar on "Dr. Ambedkar and His Contribution in Nation Building"
[24 April 2020]



'Emerging Challenges and Responses of Social Work Professional During Covid-19: The Way Forward'
[01 May 2020]

National Webinars



Webinar on "Corona virus: Pharmaceutical Innovations" [09 May 2020]



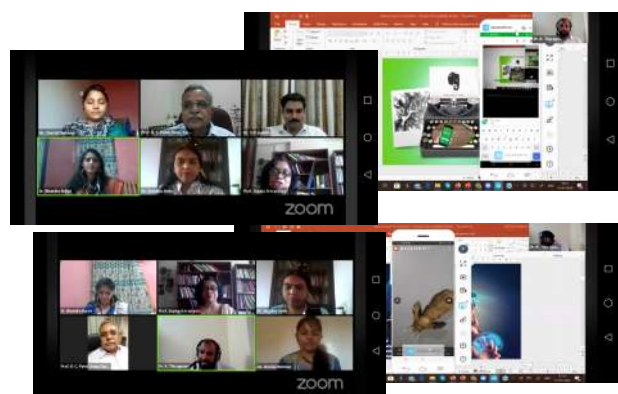
"Impact of COVID 19 on Pharma Market & Economy" [09 May 2020]

- PHASES OF A STATISTICAL STUDY:**
1. Defining objectives
 2. Specification of population(s) and its characteristics
 3. Planning for collection of data
 4. Compilation/presentation of data
 5. Statistical analysis
 6. Drawing conclusions and making inferences.

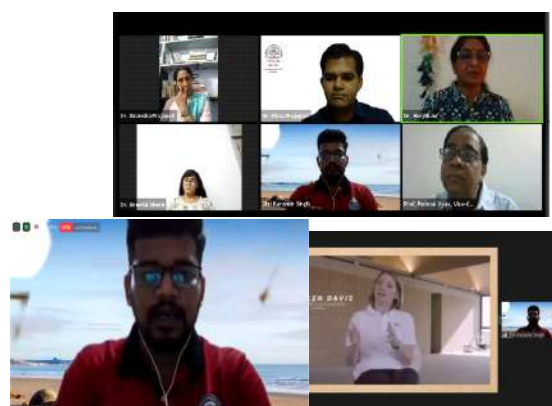
What is a research?

- It is an epistemological pursuit that expands the knowledge we possess by following a scientific procedure.
- An active, dynamic and sequential process.
- It onsets with arising a research problem and culminates with a reasonable solution.

National Webinar on 'Some Aspect of Research Methodology' [11-15 May 2020]



Webinar on 'Cybergogy for 21st Century Classrooms' [18-19 May 2020]

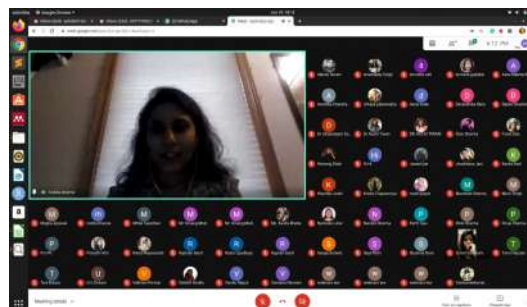


"Mental preparation for rejoining sports during COVID 19" [01 June 2020]

National Webinars



One day National Webinar on 'Cyber Security and Challenges'
[08 June 2020]

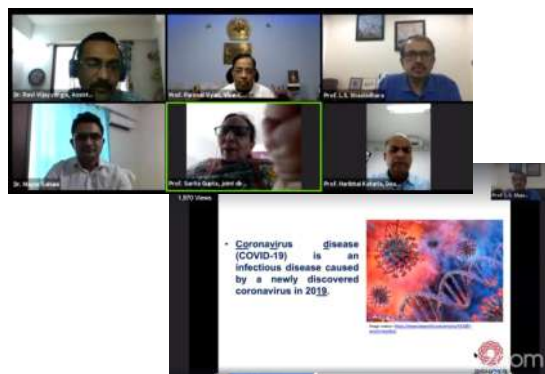


National Webinar on "NAAC Accreditation Under Revised Framework: Challenges and Strategies" [06 June 2020]

"Career Avenues in Law: In India and Cross Borders"
[10 June 2020]

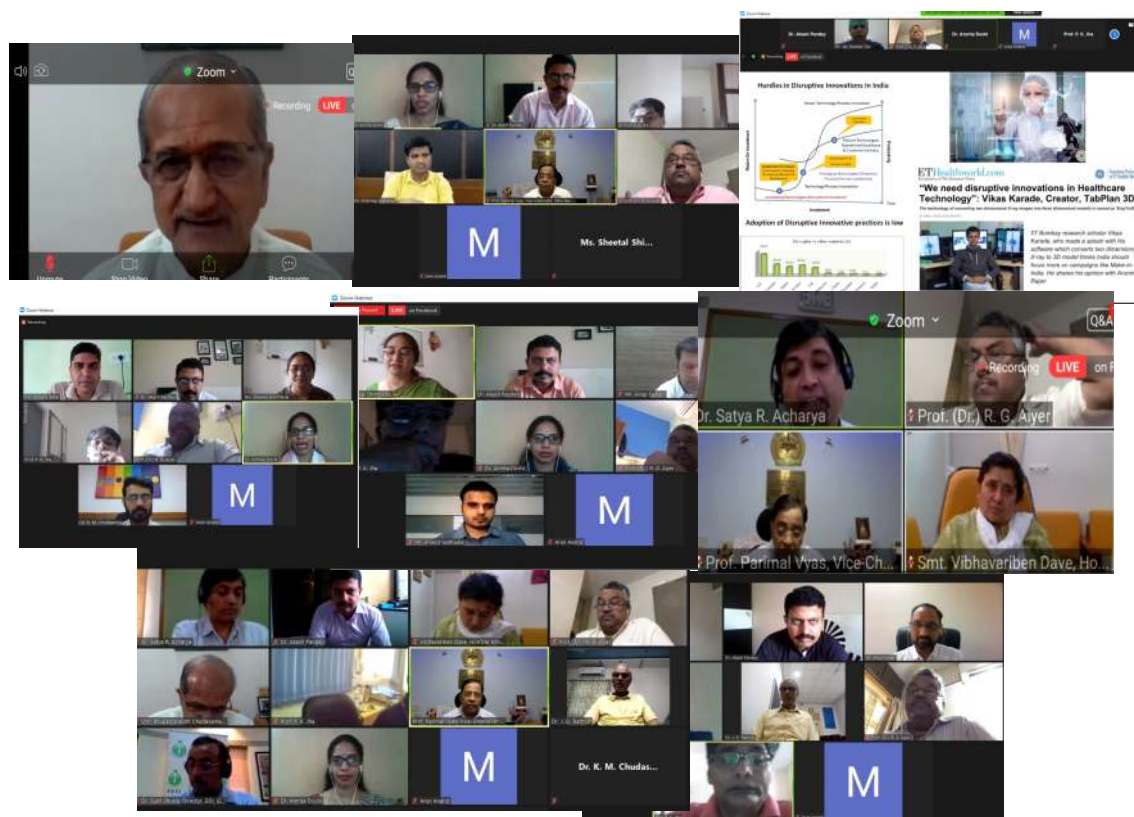


National Webinar on
"Outcome Based Education" [14 June 2020]

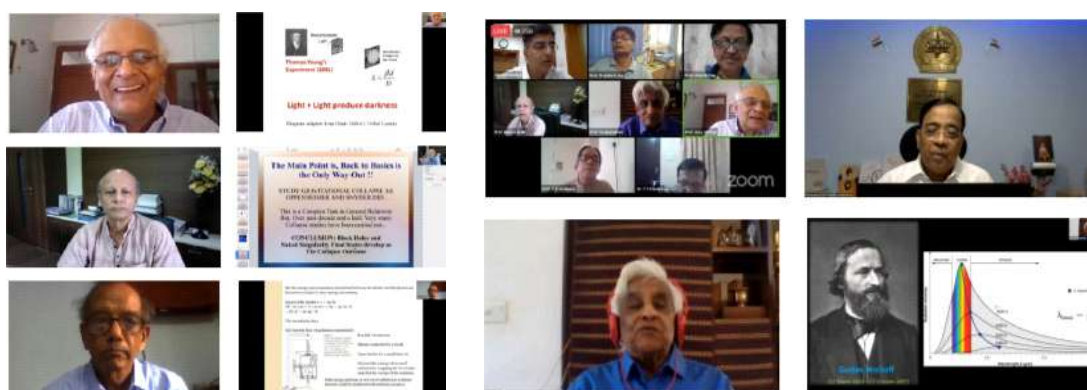


National Webinar on "Research and Education during Covid19 Pandemic: An Opportunity Foretold?" [15 June 2020]

National Webinars



Six days National Webinar Series on Pathways for Start-up and Innovation [8-13 June 2020]



Three days National Webinar on 'Century of Quantum Mechanics and Still Going Strong' [15-17 June 2020]

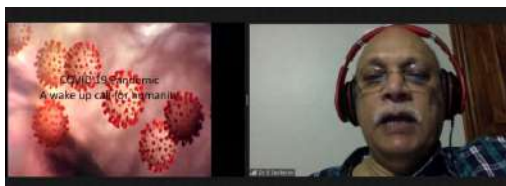


One day National Webinar on 'The Quality of Research Publications' [16 June 2020]

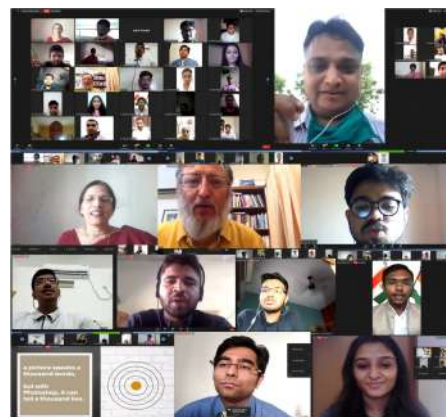


Webinar on "Bloom's Taxonomy based Higher Order MCQs and Automatic Assessment Tools" [18 June 2020]

National Webinars



One day International Webinar on 'Health and Nutrition Care for the Elderly' [21 June 2020]



Webinar on 'Opportunities in Political Leadership and Governance' [21 June 2020]



"Transformative Constitutionalism" [22 June 2020]



National Webinar on "Protectionism v/s Nationalism" [29 June 2020]



Webinar on 'Revised NAAC Assessment and Accreditation Process for Affiliated Colleges' [7-8 July 2020]



National Webinar on "COVID Lessons - Parameters of Development" [17 July 2020]



National Webinar on "Energy and Environment" [9-10 July 2020]

National Webinars



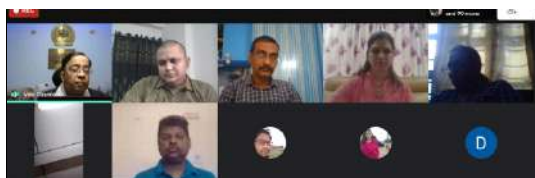
National Webinar on "Mapping of Computer Assisted Qualitative Data Analysis Software" [23-24 July 2020]



"Competencies Required in Disruptive Era Post Pandemic" [01 August 2020]



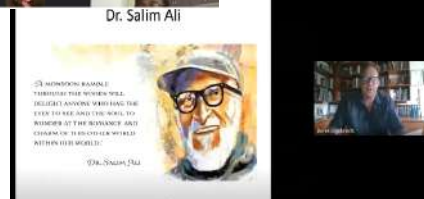
National Virtual Symposium on 'Indian Food Anthropology- A Cross Cultural Empowerment Symposium For Health Practitioners' [04 September 2020]



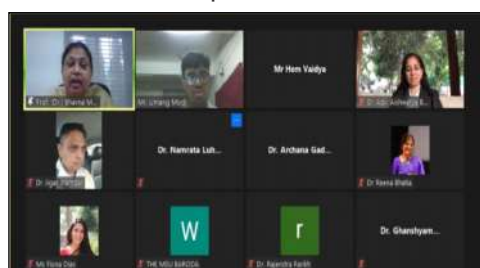
"Practical Aspects of Patents and IPR" [09 September 2020]



Dr. Salim Ali



125th year birth anniversary of Dr. Salim Ali "Inter-specific competition for Nestbox cavities in a Savannah Environment" [12 November 2020]



"Importance of Constitution Day" [26 November 2020]



"Sarjan Shrushti" (Dance creations in Gujarat) [24-28 August 2020]

COUNTRY BUTION"
Online Summer
Socio-Political
Internship
Programme
[30 May to
19 June 2020]



Adoption of NEP2020

Syndicate of the Maharaja Sayajirao University of Baroda has adopted National Education Policy 2020, approved by the Union Cabinet on 27th July 2020.

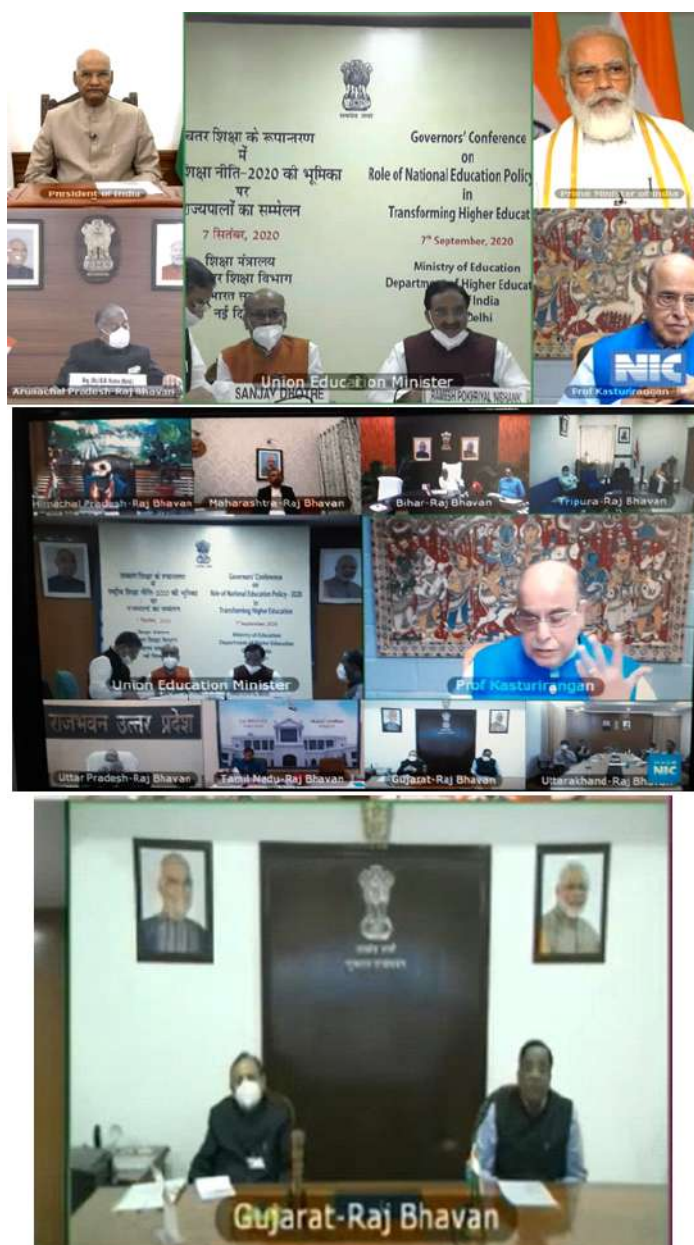
Syndicate meeting held on 21-09-2020 vide SR No. 11 adopted the policy

The Maharaja Sayajirao University of Baroda participated in the Conclave on Transformational Reforms in Higher Education under National Education Policy 2020 held on 07th August 2020, where the Hon'ble Prime Minister of India addressed the nation about NEP 2020.



Adoption of NEP2020

MSUB participated in the video conference on National Education Policy 2020, which was addressed by the Hon'ble President of India on 7th September 2020. Vice-Chancellor the University was invited to the Governor's House, Gandhinagar, Gujarat for participation and discussion in the Conference.

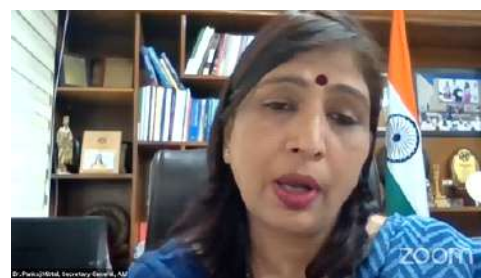


Total of 19 Committees are formed at the MSU Baroda aiming at the implementation of various aspects of National Education Policy 2020.

Spreading awareness about NEP2020

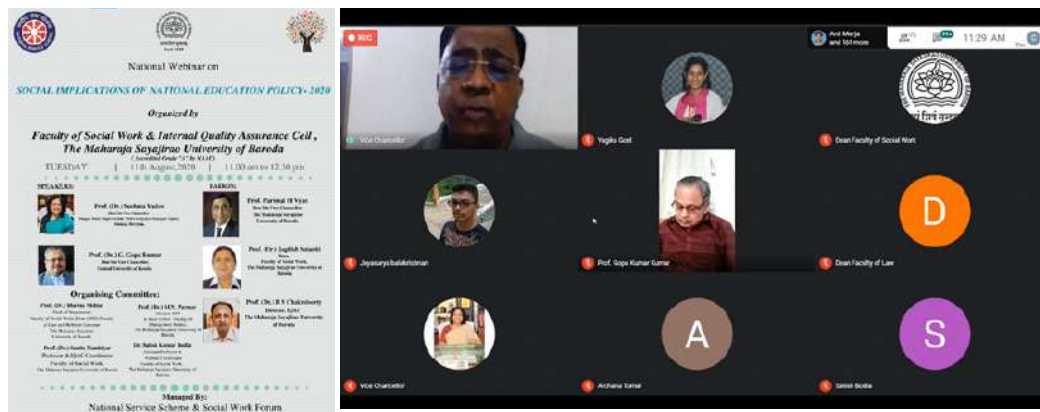
MSUB organized a series of 14 webinars on different aspects of NEP2020 to spread awareness about it.

Topic and date of the Webinar	Organized by	Speakers
Re-Imagining Indian Universities in the Context of National Education Policy (NEP) 2020 on 28-08-2020	Internal Quality Assurance Cell, MSUB and Faculty of Education and Psychology, MSUB	<ol style="list-style-type: none"> Shri Bhupendrasinh Chudasama, Hon'ble Cabinet Minister of Education, Gujarat Government Prof. D. P. Singh, Chairman, University Grants Commission, New Delhi Prof. B. Patwardhan, Vice-Chairman, University Grants Commission and Chairman, ICSSR, New Delhi Shri Atul Kothari, National Secretary, Shiksha Sanskriti Utthan Nyas, New Delhi Dr. Pankaj Mittal, Secretary General, Association of Indian Universities, New Delhi.



Spreading awareness about NEP2020

Topic and Date of the Webinar	Organized by	Speakers
Social Implications of National Education Policy 2020 on 11-08-2020	Faculty of Social Work, MSUB	1) Prof. Dr. Sushma Yadav , Hon'ble Vice Chancellor, Bhagat Phool Singh Mahila Vishwavidyalaya, Khanpur Kalan, Sonipat, Haryana. 2) Prof. Dr. G. Gopa Kumar , Hon'ble Vice Chancellor, Central University of Kerala



Topic of the Webinar	Organized by	Speakers
Holistic Education through New Education Policy 2020 04-09-2020	Internal Quality Assurance Cell, MSUB and Faculty of Law, MSUB	Prof. N L Mitra , Former Vice Chancellor, National Law School of India University, Bengaluru



Spreading awareness about NEP2020

Topic of the Webinar	Organized by	Speakers
Building Research Culture Through NEP 2020 07-09-2020	Internal Quality Assurance Cell, MSUB and Faculty of Management Studies, MSUB	1) Prof. R. S. Dubey , Vice-Chancellor, Central University of Gujarat. 2) Prof. J P. Joorel , Director, INFLIBNET Center Ahmedabad.



Topic and date of the Webinar	Organized by	Speakers
Building Research Capabilities in Universities under NEP 2020 09-09-2020	Internal Quality Assurance Cell, MSUB and Faculty of Pharmacy, MSUB	1) Prof. Yogesh Singh , Vice Chancellor, Delhi Technological University, New Delhi 2) Prof. Navin Sheth , Vice Chancellor, Gujarat Technological University, Ahmedabad



Topic and date of the Webinar	Organized by	Speakers
Implementation of National Education Policy 2020 11-09-2020	Internal Quality Assurance Cell, MSUB and Faculty of Arts, MSUB	1) Prof. T.V. Kattimani , Vice Chancellor, Central Tribal University of Andhra Pradesh 2) Prof. Sanjeev Kumar Sharma , Vice Chancellor, Mahatma Gandhi Central University, Motihari Bihar



Spreading awareness about NEP2020

Topic and date of the Webinar	Organized by	Speakers
Role of Higher Educational Institutions (HEIs) Under NEP 2020 18-09-2020	Internal Quality Assurance Cell, MSUB	1) Shri Vijaybhai Rupani , Hon'ble Chief Minister, Government of Gujarat 2) Prof. K.K. Aggarwal , Chairman, National Board of Accreditation



The Maharaja Sayajirao University of Baroda
(Accredited with "A" Grade by NAAC)

**National Webinar on
Role of Accreditation in
Higher Educational Institutions (HEIs)
Under National Education Policy 2020**

18 SEPT 2020 11:00 A.M.

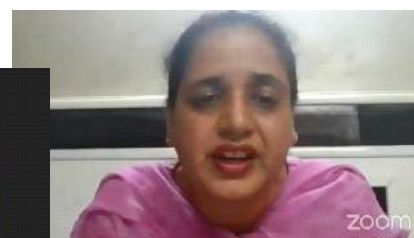
Inspirational Address
Shri Vijaybhai Rupani
Hon'ble Chief Minister
Government of Gujarat

Expert Speaker
Professor K. K. Aggarwal
Chairman
National Board of Accreditation
New Delhi

Professor Purnima H. Vyis
Vice-Chancellor
The M S University of Baroda
Varodara

Organized by Internal Quality Assurance Cell, The M. S. University of Baroda.
Click to Join us LIVE [Zoom](#) ID: 93235111331 Password: ZQMh7 [TheMSUBaroda](#)

Topic and date of the webinar	Organized by	Speakers
Strategic Implementation : NEP 2020 19-09-2020	Internal Quality Assurance Cell, MSUB and Faculty of Journalism & Communication, MSUB	1) Prof. Sanjay Dwivedi Director General, Indian Institute of Mass Communication, New Delhi 2) Prof. Harjeet Kaur Bhatia Dept. of Educational Studies Jamia Millia Islamia, New Delhi



Spreading awareness about NEP2020

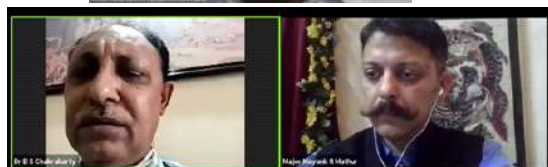
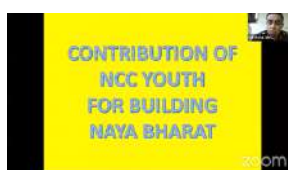
Topic and date of the Webinar	Organized by	Speakers
Structural Changes in National Education Policy 2020 and its Implementation 28-09-2020	Internal Quality Assurance Cell, MSUB	Prof. AniruddhJi Deshpande Former Principal, BMCC College Pune and President, CEDA, Pune



Topic and date of the Webinar	Organized by	Speakers
National Education Policy 2020: Structural and Curricular Reforms in Higher Education 30-09-2020	IQAC and Faculty of Family and Community Sciences, MSUB	1) Prof (Dr) Premavathy Vijayan , Vice Chancellor, Avinashilingam University, Tamil Nadu. 2) Prof. Namita Ranganathan , Department of Education, University of Delhi



Topic and date of the Webinar	Organized by	Speakers
NEP and NCC Youth on National Building 20-09-2020	Internal Quality Assurance Cell, MSUB and National Cadet Corps, MSUB	1) Major Mayank Mathur 2) Col. Rahul Srivastava



Spreading awareness about NEP2020

Topic and date of the Webinar	Organized by	Speakers
Steps towards Atmanirbhar Bharat 22-09-2020	Internal Quality Assurance Cell, MSUB	1) Shri Bhargav Bhatt , Vice President, Bhartiya Janta Party Gujarat 2) Dr. Jigar Inamadar , Regional Director ICCR, Member of Syndicate, MSUB



Topic and date of the Webinar	Organized by	Speakers
Transforming Youth for Nation Building 23-09-2020	Internal Quality Assurance Cell, MSUB and Faculty of Social Work, MSUB	1) Sir Kamal Kumar Kar Director, National Service Scheme, New Delhi. 2) Dr. S.K. Nanda , Former IAS, Chairman, GSFC.



Topic and date of the Webinar	Organized by	Speakers
Unnat Bharat Abhiyan: Initiative for Rural development and NEP 24-09-2020	Internal Quality Assurance Cell, MSUB and Faculty of Social Work, MSUB	1) Prof. Jagdish Jadhav , Dean for School of Social Justice Central University of Rajasthan 2) Shri Pradeep Agrawal , Director, Shashwat Vikas Prabodhan 3) Dr. K. D. Yadav Regional Coordinator, Unnat Bharat Abhiyan SVNIT Surat





Awareness Programme for 'Protection of Women and Girl Children from Sexual Harassment and on the Techniques of Self Defense' organized by District Services Authority, Vadodara with Technical Assistance of Commissioner of Police, Vadodara, 24th July 2019



'Academic Integrity Awareness' CARE Western Region (16th August 2019)
Dr. Archana Thakur, Joint Secretary, UGC, New Delhi Prof. P Balaram, IISc, Bengaluru



Celebration of 73rd Independence Day



Foundation Stone Laying Ceremony of International Boys & Girls Hostel (On 23rd Nov. 2019)
by Shri Bhupendra Chudasamaji, Hon'ble Minister of Education
Shri Yogeshbhai Patel, Hon'ble Minister State, Narmada, Urban Housing
Hon'ble Chancellor Smt. Shubhangini Rajee Gaekwad & Hon'ble Vice Chancellor, Prof Parimal Vyas.



Inauguration of Building for Department of Hindi, Multipurpose Indoor Sports Complex & University Gymnasium
by Shri Bhupendra Chudasamaji, Hon'ble Minister of Education
Shri Yogeshbhai Patel, Hon'ble Minister State, Narmada, Urban Housing
Hon'ble Chancellor Smt. Shubhangini Rajee Gaekwad & Hon'ble Vice Chancellor, Prof Parimal Vyas.
(On 23rd Nov. 2019)

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HDFC BANK

PARIVARTAN
SANGHATANA

**A little act of kindness
can go
a long way**

**BLOOD
DONATION
DRIVE
2019**

In association with:
M.S. University - Boys Hostel

**Come and donate your
blood on:**
11 December 2019
Time: 10:30 am - 06:30 pm
Venue:
MS University (MS) Boys Hostel
Pune, India

158 | The Maharaja Sayajirao University of Baroda



Inauguration of "Bharat Ratna Atal Bihari Vajpayee Institute of Policy Research and International Studies" by Hon'ble Chief Minister of State Shri Vijaybhairu Rupani, 25th December 2019



"Sir Sayajirao Diamond Jubilee Day" 3rd January 2020



"SAMNAVY" event, 16th January 2020.



'SAY NO TO ADDICTION' Poster Making Competition by Directorate of Social Welfare (DSW) on 18 Sept, 2019.



ABCs of
Competitive
Exams
Mr. Deepak
Meghani, IPS
24 Jan 2020





National Seminar "Tribal Livelihood – Opportunities for Better Tomorrow", 1–2 February 2020



Seminar on Sensitisation on Prevention of Sexual Harassment at Workplace, 13 March 2020



157th Birth Anniversary of the Great Visionary Leader Sir Sayajirao Gaekwad, 11th of March 2020

Established
in
1949

49
Faculties, Cells
Institutes
and centers

275 Acres
Campus
Area

340
Programmes
offered

47000
Students
Enrolled
(2019-20)

1450
Faculty
Members

961
Research
publications in
peer reviewed
journals (2019-20)

3.06
Average
Impact Factor*
(2019-20)

95
h-index*

2408
i10-index*

51
projects/grants
(2019-20)

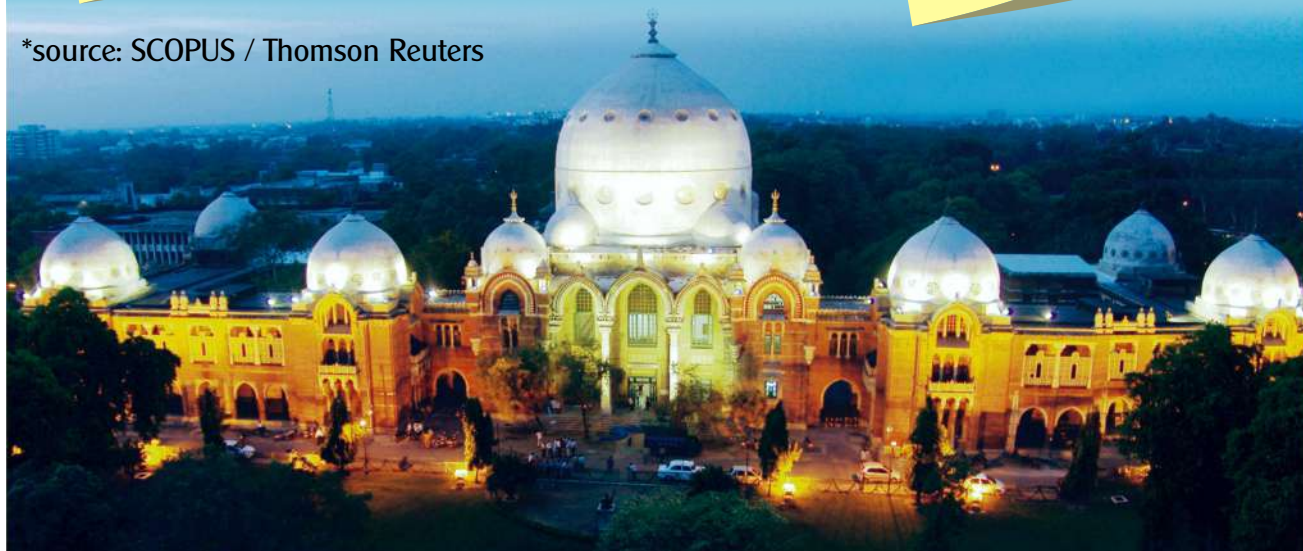
₹38 crores
Fund mobilized
in projects/grants
(2019-20)

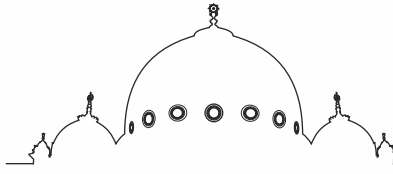
23
Central Projects
(FIST, DSA, CAS,
PURSE etc)
(2016-20)

14
Libraries

8.9 lakhs
Books in
the libraries

*source: SCOPUS / Thomson Reuters





मनुष्य तू बडा महान् है

धरती की शान तू भारत की सन्तान
तेरी मुठ्तियों में बन्द तूफान है रे
मनुष्य तू बडा महान है भूल मत
मनुष्य तू बडा महान है ॥१॥
तू जो चाहे पर्वत पहाडों 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 ॥१॥

---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 ॥२॥

---मनुष्य तू बडा महान है
धरती सा धीर तू है अग्नि सा वीर
तू जो चाहे तो काल को भी थाम ले
पापोंका 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 ॥३॥
---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.

सयाजीराव फडके



THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA



Maharaja Fatehsingh Rao Gaekwad Road
Fatehgunj, Vadodara-390002 Gujarat, India
PH.: (+91-265) 2795521 Fax: (+91-265) 2793693/2792277
Visit at: www.msubaroda.ac.in
www.msub.digitaluniversity.ac

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