

“ANNUAL REPORT”

Period : 2021



BHAGWAN MAHAVIR COLLEGE OF SCIENCE AND TECHNOLOGY

[M.Sc. INTEGRATED BIOTECHNOLOGY, B.Sc. CHEMISTRY,
B.Sc. MICROBIOLOGY, M.Sc. ORGANIC CHEMISTRY, P.G.D.M.L.T.]

MANAGED BY



Reg. No. E5100/Surat.

BHAGWAN MAHAVIR EDUCATION FOUNDATION

**SURVEY NO. 149, B/H. HEENA BUNGLOWS, NEW CITY LIGHT ROAD,
BHARTHANA- VESU, SURAT**

INDEX

BHAGWAN MAHAVIR COLLEGE OF SCIENCE & TECHNOLOGY

ANNUAL REPORT 2021

INDEX

Chapter No.	Description	Page No.
1.0	About BMEF (Management)	1-1 to 1-6
	1.1 BMEF at Glance	1-2
	1.2 Message from BMEF Chairman	1-3
	1.3 Message from BMEF Managing Trustee & Secretary	1-4
	1.4 Message from BMEF Treasurer	1-5
	1.5 Message from BMEF Campus Director	1-6
2.0	About BMCST (College)	2-1 to 2-4
	2.1 Message from Principal Desk	2-2
	2.2 Timelines of BMCST	2-3
	2.3 Mission	2-3
	2.4 Vision	2-3
	2.5 Goal	2-4
3.0	About Department	3-1 to 3-4
	3.1 HOD Desk [Biotechnology]	3-1
	3.2 HOD Desk [Chemistry]	3-2
	3.3 HOD Desk [Microbiology]	3-3
4.0	Courses @ BMCST	4-1 to 4-8
	4.1: Courses	4-1
	4.2 : Syllabus of M.Sc. Integrated Biotechnology	4-2
	4.3 : B.Sc. Microbiology	4-4
	4.4 : Syllabus of B.Sc. Chemistry	4-6
	4.5 : Syllabus of M.Sc. Organic Chemistry	4-7
	4.6 : Syllabus of P.G. Diploma in Medical Laboratory Technology	4-8

Chapter No.	Description	Page No.
5.0	Infrastructure & Facilities at BMCST	5-1 to 5-4
	5.1: Location	5-1
	5.2: Infrastructure	5-1
	5.3: Common Facilities	5-1
	5.4: Subjective Laboratories	5-2
	5.4.1: Biotechnology Department	5-2
	5.4.2: Chemistry Department	5-2
	5.4.3: Microbiology Department	5-3
6.0	Staff Details	6-1 to 6-4
	6.1 Teaching Staffs	6-1
	6.2 Non-Teaching Staffs	6-4
7.0	Achievements	7-1
	7.1 : Staff Achievements	1-3
8.0	Results Analysis of BMCST	8-1 to 8-5
	8.1 : Results analysis of M.Sc. Integrated Biotechnology.	8-1
	8.2 : Results analysis of B.Sc. Chemistry.	8-2
	8.3 : Results analysis of B.Sc. Microbiology.	8-3
	8.4 : Results analysis of M.Sc. Organic Chemistry .	8-4
	8.5 : Results analysis of PGDMLT .	8-5

Chapter No.	Description	Page No.
9.0	Activities at BMCST	9-1
	9.1 : Academic activity @BMCST	1-2
10.0	Event Organized by BMCST	10-1 to 10-10
	10.1 International Yoga day Celebration	10-1
	10. 2 Ganeshotsav	10-2
	10.3 Teachers Day Celebration	10-3
	10.4 Celebration of Traditional day	10-3
	10.5 Celebration of National Constitution day	10-4
	10.6 “Celebration of Republic Day”	10-4
	10.7 Acupressure awareness	10-5
	10.8 In house Event Under the Youth Festival “ Spandan-2021” Acupressure awareness	10-6
	10.9 In house Innovation contest	10-7
	10.10 Days Celebration	10-8

Chapter No.	Description	Page No.
11.0	Various Committee at BMCST	11-1 to 11-4
12.0	Training & Placement Cell	12-1 to 12-5
	12.1 About Training & Placement Cell:	12-1
	12.2 : Placement Records:	12-1
13.0	Alumni Association	13-1 to 13-2

CHAPTER 1
ABOUT BMEF

BHAGWAN MAHAVIR COLLEGE OF SCIENCE & TECHNOLOGY

ANNUAL REPORT 2021

ABOUT BMEF:



BMEF is established in 2002, BMEF is the largest institution of higher education in the city covering the area of more than 20 acres.

BMEF is devoted to excellence in teaching, learning, and research, and to developing leaders in many disciplines who make a difference globally. The foundation, which is based in Surat, has an enrollment of over more than lakh degree candidates, including undergraduate, graduate, and professional students. BMEF has more than 10,000+ registered alumni around the world.

BMEF AT A GLANCE

BMEF faculties are engaged with teaching and research to push the boundaries of human knowledge. For students who are excited to investigate the biggest issues of the 21st century, BMEF offers student exchange program. The group of colleges under this foundation is affiliated to VNSGU and GTU offering more than 21 courses providing degree, diploma, graduate, post graduate, focusing on global education.

- About 10,000 students studying in the BMEF campus
- 12+ Buildings for different courses
- 10 Programmes are governed by BMEF trust
- 18 colleges are running by BMEF trust
- 48 courses conducted by the colleges under BMEF umbrella
- Huge, Green and Wi-Fi enabled campus
- ERP Software with different modules like Management Module, HR module, Staff module, Fees module, Students module, Library module and Exam module for students, parents and teachers access.
- BMEF Campus has started Entrepreneurship and Start-up cell for conducting series of lectures, talks, workshops and an annual Start-up conclave in the Campus.
- Colleges of BMEF has started apprentice training cell under “Mukhyamantri Apprentice Yojana” to utilize the facility available in the campus for imparting practical training.
- BMEF campus organizes the event “One Week for Nation” every year. The event inaugurates on 15th August every year. The BMEF campus dedicated their whole staff and students for Nations. The events are “Blood Donation Camp”, “Thalassemia Test”, “Donate to Needy”, “Swachch Bharat”, “Traffic Awareness”, “Health and Hygiene” etc.
- BMEF campus organizes technical events, cultural festival “SPANDAN”, project fair and job fair every year.
- Easily and frequently available SMTS bus service for transportation from Railway and Bus station to BMEF campus.

MESSAGE FROM BMEF CHAIRMAN



Welcome to Bhagwan Mahavir Education Foundation. It is my privilege to introduce you to BMEF-The fastest growing Educational Organization of Gujarat. By building people, we build society. By building leaders, we build the nation's technology and economy. Education is, in effect, a nation's service. At BMEF, we believe only a well disciplined, value added students to become the high profiled professionals who can achieve the avowed objective of our former president Honorable Abdul Kalam to make our country "Super Power".

Our institutions vision rests on worldly realities and bears a peaceful and harmonial atmosphere that enables you to experience wisdom and knowledge you achieve in a jubilant way. As you pursue your studies, please do recall that a college education is not entirely academic. It extends beyond the classrooms, Laboratories and workshops to seminars, meetings, cultural, social activities and athletic events. I firmly believe that you will become involved in BMEF campus life and that you will also make some commitment to serve your community. Besides being a cause for campus and community development, the effort can be educationally rewarding and personally fulfilling.

I am pleased to acknowledge your interest in BMEF Group of Institutions. At BMEF foster the growth of innovative professionals, scientists and engineers who firmly hold the trust and confidence of the community at large. I want BMEF Group to be the dream of every soul that wants to experience true enlightenment & exposure excellence.

Shri Jagdish Jain
(Chairman, BMEF, Surat)

MESSAGE FROM BMEF MANAGING TRUSTEE & SECRETARY



We at Bhagwan Mahavir Education Foundation ensure that students acquire knowledge and hone their skills to shine bright in the world by their significant contribution to industry and academia. Apart from regular classroom teaching we emphasize on project work, research activities, real-life case studies and industrial hands-on training. Our foundation also works towards the continual improvement of our service quality through training and development. I am sure that BMEF will have a pivotal role in the development of shining India.

Shri Anil Jain
(Managing Trustee & Secretary, BMEF, Surat)

MESSAGE FROM BMEF TREASURER



It is rightly said by Dr. A.P.J. Abdul Kalam that ‘You have to dream, before your dreams can come true’. Bhagwan Mahavir Education Foundation (BMEF) strives hard to become the platform for these dreamers. Bhagwan Mahavir Education Foundation is emerging as a leader in providing quality higher education, especially in Gujarat and Haryana region. We at BMEF constantly explore the best possible ways of providing world class education and amenities to the students. We also believe in imbining modern technical skills as well as traditional bhartiya values in the students. I welcome students to BMEF for a holistic academic and personal growth.

Dr. Sanjay Jain
(Treasurer, BMEF, Surat)

MESSAGE FROM BMEF CAMPUS DIRECTORS



To survive and thrive in today's cut-throat business world, it is mandatory to implement quality education programs & bring innovative changes in the higher & technical education system with the sole aim of delivering a qualitative edge in productivity, profitability and efficiency, the base of which is qualitative technical & management educational system. As the information transfer technology, worldwide, has been undergoing transformation, pressure is sometimes applied on universities & educational establishments to become more 'businesslike' in their way of doing things. Within the changing paradigm of what constitutes an educational establishments & universities, the position and role of the academic staff have also come under pressure. This paradigm shift has impacted on Higher education institutions in which there is an increased emphasis on productivity, quality and accountability. One of the consequences of increased 'Managerialism' and 'Corporatization' in higher & management education institutions is an attempt to develop quality management and appraisal systems along with the basic course of action.

To a remarkable degree BMEF is in the growth path of imparting high quality education with the understanding that quality failures in higher education, in professional & general life can and do result in serious human inconvenience, economic waste and sometimes loss of life because of the poor technical & managerial educational background. The implementation of skill based training system in BMEF has brought significant change in the employability & preparedness of entrepreneurship.

Prof. (Dr) Nirmal Sharma
(Campus Director, BMEF, Surat)

CHAPTER 2
ABOUT BMCST

BHAGWAN MAHAVIR COLLEGE OF SCIENCE & TECHNOLOGY

ANNUAL REPORT 2021

ABOUT BMCST (COLLEGE):



Due to competitive challenging career in today's world and looking at the scope, growth and demand of industries for pure & applied sciences in nearby South Gujarat region. Bhagwan Mahavir Education Foundation decided to start the course which inspired, educate and train the young students to increase their job prospectus as well as industrial requirement.

Bhagwan Mahavir College of Science & Technology runs five courses viz., M.Sc. Integrated Biotechnology, B.Sc. Chemistry, B.Sc. Microbiology, M.Sc. Organic Chemistry, and P.G.D.M.L.T. All the courses are running under the affiliation of Veer Narmad South Gujarat University, Surat.

Bhagwan Mahavir College of Science & Technology has got the experts in each field and they are here not only to teach the subjects, but also to explore students with their innovative ideas and to make the changes in life of individuals with their knowledge being put into action. We shape new scientist by providing hands on training and focused study concept.

MESSAGE FROM PRINCIPAL DESK

Dr. Sumita Dasgupta

(I/C Principal)

-
- **Qualification:** M.Sc., Ph.D.
 - **Teaching Experience:** 13 Years
 - **Email id:** bmcst.principal@bme colleges.edu.in
 - **Publication :** 25
-



B. M College of Science and Technology is a college with a warm and friendly atmosphere where students will be supported to develop to their full potential, not only academically but personally and socially. We value each individual student, nurturing their skills and talents, whilst continually providing them with new experiences and challenges. We develop student's ability to think clearly and express their ideas with clarity and logic, both orally and in written.

The College is running 05 Courses Viz., M.Sc. Integrated Biotechnology, M.Sc. (Organic Chemistry), P.G.D.M.L.T, B.Sc. Chemistry and B.Sc. Microbiology. We are looking forward to propose many different courses in pure and applied Sciences.

Bhagwan Mahavir College of Science & Technology has got the experts in each field and they are here not only to teach the subjects, but also to make each student to explore with their innovative ideas and to make the changes in life of individuals with their research being put into Commercialization. We shape upcoming youth as future of India by providing hands on training and research based study. Hence, we are here to provide Quality Education as well as develop the students to within stand the current Competition in the market and make young scientist as an asset to the industry for which they will be working for.

TIMELINES OF BMCST:

YEAR	COURSES
2007-2013	M.Sc. INTEGRATED BIOTECHNOLOGY
2013-2014	B.Sc. CHEMISTRY (01 CPM + 01 CBZ)
2014-2015	B.Sc. MICROBIOLOGY
2015-2016	B.Sc. CHEMISTRY (01 ADDITIONAL DIVISION-CBZ)
2016-2017	B.Sc. CHEMISTRY (01 ADDITIONAL DIVISION-CPM)
2017-2018	M.Sc. ORGANIC CHEMISTRY
2018-2019	P.G.D.M.L.T.

MISSION:

Bhagwan Mahavir College of Sciences and Technology is the intellectual heart of the Bhagwan Mahavir Education Foundation. We are a community of teachers and scholars united in the belief that broadly educated people are the basis of a just, free, and prosperous society. By focusing on the big questions facing all of humanity, we prepare students for successful personal and professional lives. By conducting innovative, interdisciplinary research and scholarship, we advance knowledge in ways that prepare us to address vexing social problems and enhance quality of life for people and communities.

VISION:

Bhagwan Mahavir College of Sciences and Technology aspires to be a national model for integrating the basic science, applied sciences and natural sciences into a dynamic, trans-disciplinary entity focused on knowledge generation, global problem solving, skills development and real-world applications. We will nurture academic success for a diverse population by creating engaging, inclusive learning environments that prepare students for productive lives as global citizens. Through innovative, interdisciplinary research, creative activities and mutually beneficial community partnerships, the college is seeking to become a global leader in scholarship that enhances the quality of life for all.

GOAL:

Human tool development is the most notable prioritized aspect in virtually any developing country for the monetary development and tactical survival of that country. Since illiteracy and unemployment are considered as the essential problems of the countries, higher education is one of the most crucial functions of the democratic government. Since India is one of the producing countries it is not an exception for it. Great technological development extensive computerization and swift globalization are making this problem even complicated. However great the technological development may be the success of any university education depends usually on the institution instructor. Thus, the efficiency or effectiveness of the institution teacher is the best deciding factor for the success of any educational system, which causes the production of potential individuals' resource.

The aim of any educational institute is the total personality development of the student. The total personality development includes development of cognitive, affective, and psychomotor aspects. Because of this the innate and induced characteristics should be developed through some process which we call education. Hence, we believe that the procedure of education is only providing situations to the students in which they reset their head, heart, and body in melody with the goals.

CHAPTER 3
ABOUT DEPARTMENTS

BHAGWAN MAHAVIR COLLEGE OF SCIENCE & TECHNOLOGY

ANNUAL REPORT 2021

ABOUT DEPARTMENT

MESSAGE FROM HOD [BIOTECHNOLOGY]

Dr. Sumita Dasgupta

(HOD - Biotechnology)



-
- **Qualification:** M.Sc.,(Botany), Ph.D.
 - **Teaching Experience:** 14 Years
 - **Email id:** hod.biotech@bmeffcolleges.edu.in
 - **Publication :** 25
 - **Research Area:** Plant Tissue Culture, Nanotechnology, Phytochemical analysis.
-

The Course of Biotechnology is designed to have a complete development of youth as Biotechnologist and explore the potential in the field of Plant Biotechnology, Animal Biotechnology, Microbial Biotechnology, Environmental Biotechnology, Bioinformatics, Biofuel Technology, Aquaculture Technology, Agriculture Biotechnology, Molecular Biology and Genetic Engineering. The course had been design for 5 years having total of 10 semesters. In final semester, the students are required to carry out dissertation in the field of biotechnology that aids them to get acquainted with industrial exposure and provide the direction and application of biotechnology for industrial purpose.

The course is designed for 5 years divided into 10 semesters. The syllabus included various pure subject as well as applied subject pertaining to biotechnology, viz. Cell Biology, Microbiology, Applied Microbiology, Industrial Biotechnology, Genetic Engineering, Molecular Biology, Biochemistry, Immunology, Plant Tissue culture, Animal Cell culture, Instrumentation and techniques, Enzyme technology, Bioremediation, Nanobiotechnology, Bioinformatics, Biofuel Technology and many more.

The course is designed as per the new notification from UGC under the CBCS scheme. The growth in the field of biotechnology and their potential is tremendous and had good future job prospectus. The syllabus so designed not only help the youth to learn biotechnology, but also provide the direction for getting better job in the field of life science, R & D as well as to develop entrepreneurship.

The students Eligibility for getting admission to the M.Sc. Integrated Biotechnology Program is 10 + 2 with Science stream (A, B or AB group). The admission will be as per Veer Narmad South Gujarat University rule. Academic session starts in the month of June for every year.

MESSAGE FROM HOD [CHEMISTRY]

Dr. Mayank Champaneriya

(HOD- Chemistry)



-
- **Qualification:** M.Sc. Chemistry, Ph.D.
 - **Industry Experience :** 10 Years
 - **Teaching Experience:** 03 Years
 - **Email id:** mayankchampaneriya.bmst@bmefcolleges.edu.in
 - **Publication :** 03
 - **Research Area:** Organic Chemistry, Green Synthesis.

B. M College of Science and Technology is a college with a warm and friendly atmosphere where students will be supported to develop to their full potential, not only academically but personally and socially. We value each individual student, nurturing their skills and talents, whilst continually providing them with new experiences and challenges. We develop student's ability to think clearly and express their ideas with clarity and logic, both orally and in written.

The College is running 03 year B.Sc. Chemistry and M.Sc. Organic Chemistry. South Gujarat is rich in chemical industry, thus the scope of B.Sc. chemistry in the south Gujarat region is much more. College offers Chemistry as principal subjects with Physics & Mathematics as subsidiary subjects for students belongs to A+AB groups. Similarly, college offers Chemistry as principal subjects and Botany & Zoology as subsidiary subjects for students belongs to B+AB groups at UG level. Bhagwan Mahavir College of Science & Technology has got the experts in chemistry including specialization in Inorganic, Organic & Physical Chemistry.

MESSAGE FROM HOD [MICROBIOLOGY]

Dr. Murtaza Hajoori

(Head – Microbiology, P. G. Incharge - PGDMLT)



-
- **Qualification:** B.Sc. (Microbiology), P.G.D.M.L.T, M.Sc. (Bioinformatics), Ph.D.
 - **Industrial Experience :** 05 Years
 - **Teaching Experience:** 10 Years
 - **Email id:** hod.microbio@bmefcolleges.edu.in
 - **Publication :** 15
 - **Research Area:** Environmental Bioremediation, Industrial Microbiology, Insilico drug designing, Phytochemical analysis, Immunotechnology, Enzyme Technology, Bioprocess Technology, Molecular Diagnostic.
-

Microbiology department of BMCST runs U. G. (B.Sc. Microbiology) & P.G. (Post graduate Diploma in Medical Laboratory Technology) courses. B.Sc. Microbiology is 3 year degree program having total 06 semesters that include study of microbes and their interactions with humans, animals, plants, and the environment. Microbes are those organisms usually too small to be seen by the naked eye, such as bacteria, viruses and archaea, and eukaryotes like yeast, protozoa and algae.

The Field of microbiology had huge potential in South Gujarat. The South Gujarat region is flourish with industries like Textiles, Pharmaceuticals, diagnostics, biologics and many more. Thus, the scope of microbiology within South Gujarat is much more.

Students opting microbiology may get Jobs in all of these sectors as Research Scientist, Quality Control Officer, Production Officers, Laboratory Technicians and many more.

Post graduate Diploma in Medical Laboratory Technology course had been design for 1 years. It is a kind of professional courses for those who want to build their career in health care sector; need to serve the society in the field of diagnostic. It includes study of

various subjects like medical microbiology, Immunology, Clinical Pathology, Clinical Parasitology, Haematology, Blood Banking, Instrumentation & techniques and Clinical Biochemistry. Students enrolled in PGDMLT can work in microbiology, clinical pathology, clinical biochemistry blood banking etc. They can also get job in industries engaged in production of various diagnostic kit for diagnosis of various disease. Students in this course were getting training in various hospitals and laboratory to get real world exposure.

The students Eligibility for getting admission to the B.Sc. Microbiology program is 10 + 2 with Science stream (B or AB group). The admission will be as per Veer Narmad South Gujarat University rule. Academic session starts in the month of June for every year.

The students Eligibility for getting admission to the P.G.D.M.L.T course graduation with Microbiology, Botany, Zoology, Medical Technology & Chemistry (should have biology subject as subsidiary). The admission will be as per Veer Narmad South Gujarat University rule. Academic session starts in the month of June for every year.

CHAPTER 4
COURSES @ BMCST

BHAGWAN MAHAVIR COLLEGE OF SCIENCE & TECHNOLOGY

ANNUAL REPORT 2021

4.0 COURSES @ BMCST:

4.1: COURSES :

Course	Division	Eligibility	Total Intake	Establishment Year
M.Sc. Integrated Biotechnology	01	10 + 2 (B+AB group)	60	2007
B.Sc. Chemistry (CPM)	02	10 + 2 (A+AB group)	120	2014 – 1 st division 2017 – 2 nd Division
B.Sc. Chemistry (CBZ)	02	10 + 2 (B+AB group)	120	2014 – 1 st division 2016 – 2 nd Division
B.Sc. Microbiology	01	10 + 2 (B+AB group)	60	2015
M.Sc. Organic Chemistry	01	B.Sc. Chemistry	30	2017
PGDMLT	01	B.Sc. with Biological Science & Chemistry (Biology in F.Y)	30	2018

4.2 : SYLLABUS OF B.SC. BIOTECHNOLOGY

Semester	Subject
1st	BT-01: Introduction to Biotechnology
	BT-02: Cell Biology
	BTP 01 Practical's – Semester I
2nd	BT-03: Basic Biochemistry
	BT-04: Fundamentals of Genetics
	BTP 02 Practical's – Semester II
3rd	BT-05: Instrumentation and Techniques - I
	BT-06: Basics of Eukaryotic Physiology
	BT-07: Fundamental of Immunology
	BTP 03 Practical's – Semester III
4th	BT-08: Instrumentation and Techniques - II
	BT-09: Enzymes & Coenzymes
	BT-10: Introduction to Molecular Biology
	BTP 04 Practical's – Semester IV
5th	BT-11: Introduction to Computer & Bioinformatics
	BT-12: Introduction to Virology
	BT-13: Introduction to Nanobiotechnology
	BT-14: Fundamentals of Mycology
	BT-15: Genetic Engineering
	BT-16: Bioethics & Biosafety
	BTP 05 Practical's – Semester V
6th	BT-17: Pharmaceutical Biotechnology
	BT-18: Immunotechnology
	BT-19: Microbial Biotechnology
	BT-20: Environmental Biotechnology

	BT-21: Plant Biotechnology
	BT-22: Animal Biotechnology
	BTP 06 Practical's – Semester VI
7 th	BT 1001 Bioprocess Technology I
	BT 1002 Enzyme Technology
	BT-1003 Advances in Instrumentation and Techniques
	BT 1004 Cell and Tissue Culture Technology I
	BTP 1005 Enzyme and Bioprocess Technology Practical
	BTP 1006 Cell Culture Technology I Practical
8 th	BT 2001 Bioprocess Technology II
	BT-2002 Genomics and Proteomics
	BT 2003 Aquaculture Technology
	BT 2004 Agriculture Biotechnology
	BTP-2005 Genomics and Bioprocess Technology Practical
	BTP 2006 Agriculture Biotechnology and Aquaculture Technology Practical
9 th	BT 3001 : Advances in Bioinformatics
	BT 3002 : Advances in Molecular Biology
	BT 3003 : Entrepreneurship Development
	BT 3004 : Cell & Tissue Culture - II
	BTP 3005 : Practical's in Bioinformatics & Molecular Biology
	BTP 3006 : Practical's in Cell & Tissue Culture
10 th	BT 4001 : Dissertation in Biotechnology
	BT 4002 : Seminar Presentation on Recent trends in Biotechnology
	BT 3003 : Presentation based on Review of Research Publication
	BT 3004 : Review of Paper

: TITLE SUMMARY FOR B.SC. MICROBIOLOGY SYLLABUS

Semester	Subject
1 st	MB 01 Introduction to Microbiology
	MB 02 Bacterial and Archeal cell Structure and Function
	MBP 01 Practical's – Semester I
2 nd	MB 03 Microbial Nutrition and Growth
	MB 04 Biomoleculaes of microorganism
	MBP 02 Practical's – Semester II
3 rd	MB 05 Microbial Control
	MB 06 Enzymology
	MB 07 Principles of Virology
	MBP 03 Practical's – Semester III
4 th	MB 08 Bacterial Taxonomy
	MB 09 Microbial Physiology
	MB 10 Microbiology of Ecosystems
	MBP 04 Practical's – Semester IV
5 th	MB 11 Bacterial Genetics
	MB 12 Eukaryotic Taxonomy
	MB 13 Recombinant DNA Technology
	MB 14 Fundamentals of Immunology
	MB 15 Microbial Pathogencity and Disease
	MB 16 Microbiology of Environment
6 th	MBP 05 Practical's – Semester V
	MB 17 Food & Dairy Microbiology
	MB 18 Principles of Fermentation Technology
	MB 19 Economic Microbiology
	MB 20 Bioinformatics

	MB 21 Clinical Microbiology
	MB 22 Haematology & Blood Banking
	MBP 06 Practical's – Semester VI

: TITLE SUMMARY FOR B.SC. CHEMISTRY SYLLABUS

Semester	Subject
1 st	Chemistry Paper 01
	Chemistry Paper 02
	CHP 01 PRACTICALS – SEMESTER I
2 nd	Chemistry Paper 03
	Chemistry Paper 04
	CHP 02 PRACTICALS – SEMESTER II
3 rd	Chemistry Paper 05 : Organic Chemistry
	Chemistry Paper 06 : Inorganic Chemistry
	Chemistry Paper 07 : Physical Chemistry
	CHP 03 PRACTICALS – SEMESTER III
4 th	Chemistry Paper 08 : Organic Chemistry
	Chemistry Paper 09 : Inorganic Chemistry
	Chemistry Paper 10 : Physical Chemistry
	CHP 04 PRACTICALS – SEMESTER IV
5 th	Chemistry Paper 11 : Organic Chemistry
	Chemistry Paper 12 : Inorganic Chemistry
	Chemistry Paper 13 : Physical Chemistry
	Chemistry Paper 14 : Physical Chemistry
	Chemistry Paper 15 : Organic Chemistry
	Chemistry Paper 16 : Inorganic Chemistry
	CHP 05 PRACTICALS – SEMESTER V
6 th	Chemistry Paper 17 : Organic Chemistry
	Chemistry Paper 18 : Inorganic Chemistry
	Chemistry Paper 19 : Physical Chemistry

	Chemistry Paper 20 : Physical Chemistry
	Chemistry Paper 21 : Organic Chemistry
	Chemistry Paper 22 : Inorganic Chemistry
	CHP 06 Practical's – Semester VI

: TITLE SUMMARY FOR M.SC. ORGANIC CHEMISTRY SYLLABUS

Semester	Subject
1 st	Paper 01- Inorganic Chemistry
	Paper 02- Organic Chemistry
	Paper 03 : Physical Chemistry
	Paper 04 : Instrumental and Chemical Analysis
	Practical's based on all 04 papers
2 nd	Paper 01- Inorganic Chemistry
	Paper 02- Organic Chemistry
	Paper 03 : Physical Chemistry
	Paper 04 : Instrumental and Chemical Analysis
	Practical's based on all 04 papers
3 rd	Paper-I (Chemistry of Natural Products)
	Paper-II (Instrumental Techniques & Analysis)
	Paper-III (Chemistry in Industry)
	Paper-IV (Dyes and Intermediates - I)
	Practical's in Organic Chemistry
4 th	Paper-I (Theoretical Organic Chemistry)
	Paper-II (Industrial Chemicals and Processes)
	Paper-III (Rearrangements & Synthetic Approach)
	Paper-IV (Dyes and Intermediates - II)
	Practical's in Organic Chemistry

: TITLE SUMMARY FOR P.G.D.M.L.T SYLLABUS

Year	Subject
1 st	Theory
	Paper 01: Microbiology & Immunology
	Paper 02 : Clinical Pathology & Parasitology
	Paper 03 : Haematology & Blood Banking
	Paper 04 : Instrumentation & Clinical Biochemistry
	Practicals
	Practicals 01: Microbiology & Immunology
	Practicals 02 : Clinical Pathology & Parasitology
	Practicals 03 : Haematology & Blood Banking
	Practicals 04 : Instrumentation & Clinical Biochemistry

CHAPTER 5
INFRASTRUCTURE &
FACILITIES

BHAGWAN MAHAVIR COLLEGE OF SCIENCE & TECHNOLOGY

ANNUAL REPORT 2021

INFRASTRUCTURE & FACILITIES:

LOCATION:

BMCBT is located on spacious campus of the Bhagwan Mahavir Education foundation with 20 acres of land at Bharthana. The institute has well connectivity with SMC bus (Bus Route No.116) from the major terminals of the city. It is just 2 Km from Anuvrat Dwar (New City Light Petrol Pump).

INFRASTRUCTURE:

The sprawling college campus at posh area of Bharthana is spread over an area of over 20 Acres which includes 12+ building for different courses acres of open space for garden and sports facilities. The teaching - learning process is facilitated in 15 classrooms, 9 specialized laboratories for physics, chemistry, botany, zoology, microbiology, biotechnology and PGDMLT separately, huge computer room with high speed Internet connectivity, a seminar room, conference room, an auditorium and a fully automated library. The college also provides hostel facilities for the student from rural area and who belongs to different states.



COMMON FACILITIES:

- Library with adequate numbers of books & journal for each subjects.
- Separate hostel facility for boys & girls.
- Computer laboratory with adequate numbers of computers with internet connectivity.
- Sports facilities
- **BMCST Auditorium** has a seating capacity of 200. It is fully air-conditioned and its light and sound system are currently being revamped. The Auditorium

hosts various academic and cultural events of the college. It also encourages well-known cultural groups to hold their programs for the benefit of the students and community.

- **Canteen:** The recently refurbished canteen is the hub of out-of-class discussions and exchange of information. It provides snacks, drinks and lunch at subsidized rates.
- **Bank:** State Bank of India provide banking facility to the BMEF campus through an Extension Counter in the College. Depositing of fees etc.is done through this counter. Students can also open individual accounts with the bank.

SUBJECTIVE LABORATORIES:

BIOTECHNOLOGY DEPARTMENT:

- Microbial Biotechnology Laboratory equipped with Centrifuge(s), Autoclave, Incubator, Platform Shaker, Microscopes etc.
- Plant Tissue Culture Laboratory with all modern equipment's to provide training to the students as per the requirement of industrial standards.
- Animal Cell Culture Laboratory equipped with Laminar Hood, CO2 incubator, Binocular microscopes & phase contrast microscope.
- Molecular Biology Laboratory equipped sophisticated instruments like Gel Doc system, Thermal cycler (PCR), Horizontal & vertical electrophoresis unit etc..
- General Biotechnology Laboratory microscopes and specimens and charts as required for current semester.

CHEMISTRY DEPARTMENT:

- B.Sc. Chemistry Laboratory-I well established lab with capacity of 60 students, equipped with chemicals and glassware's required for performing chemistry based practical's.

- B.Sc. Chemistry Laboratory-I well established lab with capacity of 40 students, equipped with chemicals and glassware's required for performing chemistry based practical's.
- M.Sc. Chemistry Laboratory well established lab with capacity of 40 students, equipped with chemicals and glassware's required for performing advanced chemistry based practical's such as synthesis of novel compounds, analysis and screening of compounds etc.
- Physical Chemistry Laboratory well equipped with instruments like potentiometer, pH meter, Colorimeter, Conductivity meter etc.
- Botany Laboratory with Microscopes, Oven, Water Bath, Digital Balance, Charts etc.
- Zoology laboratories with Binocular Microscopes, Haemocytometer, Haemoglobinometer, Charts Models etc.
- Physics Laboratory well equipped with all basic instruments and requirement as per current syllabus.

MICROBIOLOGY DEPARTMENT:

- Microbiology Laboratory-I well-equipped laboratory with Microscopes, Digital Centrifuge, Laminar Air Flow, Electrophoresis units, Dark field & Phase Contrast Microscope, Autoclave, Incubators, Hot Air Oven, Platform Shaker, etc.
- Microbiology Laboratory-II well-equipped laboratory with Microscopes, Digital Centrifuge, table top centrifuge, Cooling Centrifuge, Water bath, Electrophoresis units, Autoclave, Incubators with Shaker, Hot Air Oven, Filtration assembly, Vacuum pump, etc.

- P.G.D.M.L.T. Laboratory well-equipped laboratory with Biochemistry Autoanalyser, Microscopes, Digital Centrifuge, table top centrifuge, Water bath, Autoclave, Incubators, Micropipettes etc.
- Instrumentation Room having instruments like Vortex mixer, COD Apparatus, Centrifuge, Electrophoresis unit, Trinocular microscope, Binocular Microscope, Cooling Centrifuge.

CHAPTER 6
STAFF DETAILS

BHAGWAN MAHAVIR COLLEGE OF SCIENCE & TECHNOLOGY

ANNUAL REPORT 2021

STAFF DETAILS

TEACHING STAFF:

Sr. No.	Name of Faculty	Qualification	Designation	Serving BMCST Since (Yrs)
1	Dr. Sumita Dasgupta	M.Sc. Botany, Ph.D.	I/C Principal, HOD - Biotechnology Dept.	01.04.2008
2	Dr. Murtaza Hajoori	M.Sc. Bioinformatics, DMLT, Ph.D.	HOD - Microbiology Dept.	01.09.2011
3	Mr. Anil Patil*	M.Sc. Org. Chemistry, NET	HOD - Chemistry Dept.	12.06.2017
4	Dr. Pooja Desai	M.Sc. Biotechnology, B.Ed., Ph.D.	Asst. Professor	03.07.2009
5	Mr. Jaydip Jobanputra	M.Sc. Biotechnology, NET, GSET	Asst. Professor	01.07.2014
6	Dr. Madhuri Tandel*	M.Sc. Biotechnology, Ph.D.	Asst. Professor	08.04.2017
7	Dr. Khushbu Patel*	M.Sc. Biotechnology, Ph.D.	Asst. Professor	10.04.2017
8	Dr. Ankita Jain*	M.Sc. Biotechnology, Ph.D.	Asst. Professor	11.06.2018 (03.07.2017)
9	Dr. Mayank Champaneriya	M.Sc. Org. Chemistry, Ph.D.	Asst. Professor	11.06.2018
10	Dr. Hushen Hajiyani	M.Sc. Org. Chemistry, Ph.D.	Asst. Professor	11.06.2018
11	Mr. Mahesh Sonawane	M.Sc. Organic Chemistry, NET - JRF	Asst. Professor	11.06.2018
12	Dr. Manish Goyal*	M.Sc. Mathematics, Ph.D.	Asst. Professor	11.06.2018
13	Dr. Bhumika Patel	M.Sc. Chemistry, Ph.D.	Asst. Professor	14.06.2018
14	Dr. Ishita Sharma**	M. A. English, Ph.D.	Asst. Professor	29.06.2018
15	Mr. Shaikh Rahil	M.Sc. Org. Chemistry, NET	Asst. Professor	03.06.2019

16	Mr. Ketan Maru*	M.Sc. Org. Chemistry, NET	Asst. Professor	03.06.2019
17	Dr. Nandita Soni	M.Sc. Aquatic Biology, NET, Ph.D.	Asst. Professor	10.06.2019
18	Dr. Unnati Dani	M.Sc. Forensic Science, Ph.D.	Asst. Professor	10.06.2019
19	Dr. Monali Patel*	M.Sc. Biomedical Technology, Ph.D.	Asst. Professor	03.06.2019
20	Ms. Maniti Desai	M.Sc. Biotechnology, SLET	Asst. Professor	15.06.2019
21	Dr. Daxa Ghevariya	M.Sc. Org. Chemistry, Ph.D.	Asst. Professor	04.07.2019
22	Mr. Chirag Gadhiya*	M.Sc. Org. Chemistry, NET	Asst. Professor	19.08.2019
23	Mr. Chirag Tarsariya*	M.Sc. Org. Chemistry, GSET	Asst. Professor	19.08.2019
24	Ms. Jainika Kashiyani	M.Sc. Org. Chemistry, GSET	Asst. Professor	19.08.2019
25	Dr. Nilesh Patel	M.Sc. Physics, Ph.D.	Asst. Professor	22.08.2019
26	Mrs. Sweta Patel	M.Sc. Microbiology, Ph.D. Conti...	Teaching Assistant	03.06.2019 (14.07.2014)
27	Ms. Maitri Mistry	M.Sc. Chemistry	Teaching Assistant	03.06.2019 (01.06.2016)
28	Ms. Vrunda Kakadiya	M.Sc. Physical Chem.	Teaching Assistant	03.06.2019 (18.06.2016)
29	Mr. Sanchit Solanki	M.P.Ed.	Teaching Assistant	10.06.2019 (14.06.2016)
30	Ms. Ankita Dholariya*	M.Sc. Physics, M.Phil	Teaching Assistant	03.06.2019 (20.06.2016)
31	Ms. Ankita Rupareliya	M.Sc. Inorganic Chemistry	Teaching Assistant	03.06.2019 (17.06.2017)
32	Dr. Nomeshtar Yadav	M.Sc. Org. Chemistry, Ph.D.	Teaching Assistant	05.06.2019 (18.06.2018)
33	Ms. Neha Prajapati*	M. Sc. Chemistry, M.Phil.	Teaching Assistant	06.06.2019 (18.06.2018)
34	Mr. Jitendra Parmar	M. A. English	Teaching Assistant	03.06.2019 (01.06.2016)
35	Ms. Zeel Firdosh Gai *	M.Sc. Microbiology	Teaching Assistant	03.06.2019 (25.06.2018)
36	Ms. Fatemaz * Lokhandwala	M.Sc. Microbiology	Teaching Assistant	03.06.2019 (26.06.2018)

37	Ms. Shahin Patel	M.Sc. Microbiology	Teaching Assistant	03.06.2019 (10.09.2018)
38	Ms. Pooja Shukla*	M.Sc. Microbiology	Teaching Assistant	19.08.2019
39	Ms. Nilofar Pathan	M.Sc. MLT	Teaching Assistant	04.09.2019
40	Mr. Vinod Gajera	M.Sc. Maths, Ph.D. Cont..	Adhoc lecturer	28.08.2016 (04.08.2008)
41	Mr. Ankur K. Patel	M.Sc. Biotechnology	Adhoc Teacher	03.06.2019 (25.07.2016)
42	Mr. Ronak Patel	M.Sc. Biotechnology	Adhoc Teacher	10.06.2019 (18.01.2019)
43	Ms. Kruti Patel*	M.Sc. Botany	Adhoc Teacher	03.07.2019
44	Ms. Vandana Parmar	Master in Library & Information Science	Librarian	18.11.2019
45	Ms. Gayatri Dadawala ⁺	M. A. English	Adhoc Teacher	16-01-2020
46	Ms. Priyanka Mistry ⁺	M.Sc. Mathematics	Adhoc Teacher	04-02-2020
47	Ms. Helee Patel ⁺	M.Sc. Biotechnology	Adhoc Teacher	04-02-2020
48	Ms. Cressida Mehta ⁺	M.Sc. Biotechnology	Adhoc Teacher	02-12-2019
49	Ms. Asha Sharma ⁺	M.Sc. Microbiology	Adhoc Teacher	30-12-2019
50	Ms. Maitri Patel ⁺	M.Sc. Microbiology	Adhoc Teacher	30-12-2019
51	Ms. Bhavini Surati ⁺	M.Sc. Microbiology, M.Phil	Adhoc Teacher	03-12-2019

Note: 1. * Faculties had resigned in between academic year 2019-20.

2. ⁺ Faculties was appointed in place of faculties who had resigned.

3. Teaching assistant and Adhoc faculties are appointed on contractual basis for 11 month.

4. **Faculties were not available due to special leave.

NON-TEACHING STAFF :

Sr. No.	Name of Faculty	Qualification	Designation	Serving BMCST Since (Yrs)
1	Mr. Tarun Patel	B.Com	Clerk	10.06.2013
2	Mr. Ankur Patel	B.Com	Clerk	02.01.2017
3	Mr. Sufiyan Shaikh	B.A	Clerk	23.11.2018
4	Ms. Mayuri Patil	M.Sc. Chemistry	Lab Asst.	16.01.2019
5	Mr. Mayuresh Gupta	B.Sc. Chemistry	Lab Asst.	16.01.2019
6	Mrs. Vaishali Patel	Diploma in Horticulture	Lab Asst.	24.01.2011
7	Ms. Virali Patel	M.Sc.	Lab Asst.	07.07.2018
8	Ms. Maulika Thakar	M.Sc.	Lab Asst.	07.07.2018
9	Ms. Vijeta Patel	M.Sc.	Lab Asst.	19.03.2018
10	Ms. Radhika Lahamage	M.Sc.	Lab Asst.	10.09.2018

CHAPTER 7
ACHIEVEMENTS

BHAGWAN MAHAVIR COLLEGE OF SCIENCE & TECHNOLOGY

ANNUAL REPORT 2021

ACHIEVEMENTS

Students Achievements:

- **Ms. Khyati Joshi** a student of Biotechnology, Bhagwan Mahavir College of Science and Technology, has participated in Virtual International Multidisciplinary Conference in the subject of Environmental Science organized on 19th July, 2020. Ms. Joshi awarded **First Best Paper** in the conference.
- **Ms. Reena M Rohera** a student of Biotechnology, Bhagwan Mahavir College of Science and Technology, has participated in Virtual International Multidisciplinary Conference in the subject of Environmental Science organized on 19th July, 2020. Ms. Rohera awarded **Third Best Paper** in the conference.
- Student of 9th Semester's, Department of Biotechnology, Bhagwan Mahavir College of Science and Technology, **Ms. Riya Rai** successfully completed the summer research training programme from June to August organized by CSIR.
- Research article contribution was made by P.G. Student of Biotechnology Department, Bhagwan Mahavir College of Science and Technology, Nirali Patel entitled “**Screening of antioxidant activities of some green leafy vegetables grown in India**” in *International Journal of Research in Pharmacy and Pharmaceutical Sciences*, 6(2): 22-25.

Staffs Achievements:

- **Mr. Nomeshvar Yadav** serving as Teaching Assistant, Bhagwan Mahavir College of Science & Technology was awarded with Doctorate of Philosophy (Chemistry) by Veer Narmad South Gujarat University.
- **Dr. Sumita Dasgupta** was participated in the National level webinar on “Recent trends in Biopharmaceuticals and Green Nanotechnology” organized by PG Department of Botany, The New College, Chennai on 09/07/2020.
- **Dr. Sumita Dasgupta** was also attended FDP Programme on “Teaching, Research and Innovation in India: A Biologist’s view” during 4th-8th July, 2020 organised by Amity University, Kolkata.
- **Mr. Murtuza Hajoori** serving as Assistant Professor, HOD [Microbiology] & PG Incharge [PGDMLT], Bhagwan Mahavir College of Science & Technology was participated in Virtual International Multidisciplinary Conference in the subject of Environmental Science organized on 19th July, 2020. Dr. Murtaza Hajoori awarded First Best Paper in the conference.

- **Dr. Pooja Desai** participated in Virtual International Multidisciplinary Conference in the subject of Environmental Science organized on 19th July, 2020. Dr. Pooja Desai awarded Third Best Paper in the conference.
- **Dr. Nilesh Patel** participated in two day National level workshop on “Recent Trends in Global Navigation Systems Satellite” organised by KLEF (Deemed to be University), Guntur, Andhra Pradesh on 28th and 29th August 2020.
- **Dr. Sumita Dasgupta** was attended 34th “Online Short Term Course on E-Content Development” during 28-05-2020 to 03-06-2020.
- **Dr. Murtaza Hazoori** participated National Webinar Series (NWS)-2020 on “Immunity and Infection: Biochemical approaches to therapies” from 15-21 June 2020.
- **Dr. Murtaza Hazoori** completed 3 days Faculty Development Program Onlineworkshop on “Virtual Teaching- A Paradigm Shift from Offline to Online Teaching”.
- **Dr. Pooja Desai** was completed same Faculty Development Program onlineworkshop on “Virtual Teaching- A Paradigm Shift from Offline to Online Teaching”.
- **Dr. Pooja Desai** has participated “Online Certificate Course in Recombinant DNA Technology (Batch III)” from 23-27 June 2020.
- **Dr. Unnati Dani** published their research article in “RSC Advances” [Publisher: Royal Society of Chemistry (United Kingdom)].
- **Dr. Nandita Soni** published research article entitled “Age structure, growth rate and exploitation pattern of *Cirrhinus mrigala* (Ham. 1822) in Vallabhsagar reservoir, Gujarat, India” in Indian Journal of Experimental Biology.
- **Dr. Sumita Dasgupta** published research article entitled “Isolation of Plant growth beneficial endophytic bacterial strains from medicinal plants *Gymnema sylvestre* and *Tabernamontana divaricate*” in International Journal of Agriculture and Food Science.
- **Dr. Sumita Dasgupta** published research article entitled “A Comparative Study of Functional Properties of Pectin Isolated from Different Fruit and Vegetable Sources” in Int. J. Pharm. Sci. Rev. Res.
- **Dr. Nandita Soni** published Book chapter contribution entitled “Limnological study in Vallabhsagar reservoir, Gujarat (India)” in Recent Trends in Indian Limnology and Fishery science.
- **Dr. Sumita Dasgupta** published research article entitled “Effect Of Cooking On Total

Phenol, Total Flavonoid DPPH Free Radical Scavenging Assay And Total Antioxidant Capacity Of Some Green Leafy Vegetables Commonly Consumed In India” in Indian Journal Of Applied Research.

- **Dr. Murtaza Hajoori** has been presented paper on “Single step DNA extraction from Prokaryotes and Eukaryotes” in Two Days International Conference proceeding in life science (organized by: International Journal of Microbial Science IJMS) held on 1st March to 2nd March 2021.
- **Dr. Pooja Desai** has been presented paper on “Utilization of Steel slag for TUtilization of Steel slag for Treatment of Municipal and Industrialreatment of Municipal and Industrial” in Two Days International Conference on “Water and Environment” (ICWE-2021) (organized by: Department of Civil Engineering, Maulana Azad National Institute of Technology, Bhopal) during March 22-23, 2021.
- **Dr. Nilesh Patel** (Faculty of Physics), reviewing research paper in journal of “Asian Journal of Research and Reviews in Physics”.
- **Dr. Sumita Dasgupta** published research article entitled “Identification Of Staphylococcus caprae From Goat Milk” in *International Journal of Creative Research Thoughts (IJCRT)*, 9(3): March 2021.
- Research article entitled “Qualitative and quantitative determination of phytochemicals of fruit extracts of *Opuntia ficus-indica* (L.) grown In Gujarat” was published by I/C Principle of Bhagwan Mahavir College of Science and Technology, **Dr. Sumita Dasgupta** in *Journal of World Journal of Pharmacy and Pharmaceutical Sciences* 10(5), April 2021.
- Book chapter contribution was made by **Dr. Sumita Dasgupta** entitled “Study on Antioxidant activities of some less utilized edible fruits” in International publisher book- Technological Innovation in Pharmaceutical Research.
- **Dr. Murtaza Hajoori** has been participated in one day virtual workshop on “PCR, UV-VIS Spectrophotometer and HPLC on 17th May, 2021.

CHAPTER 8
RESULTS ANALYSIS

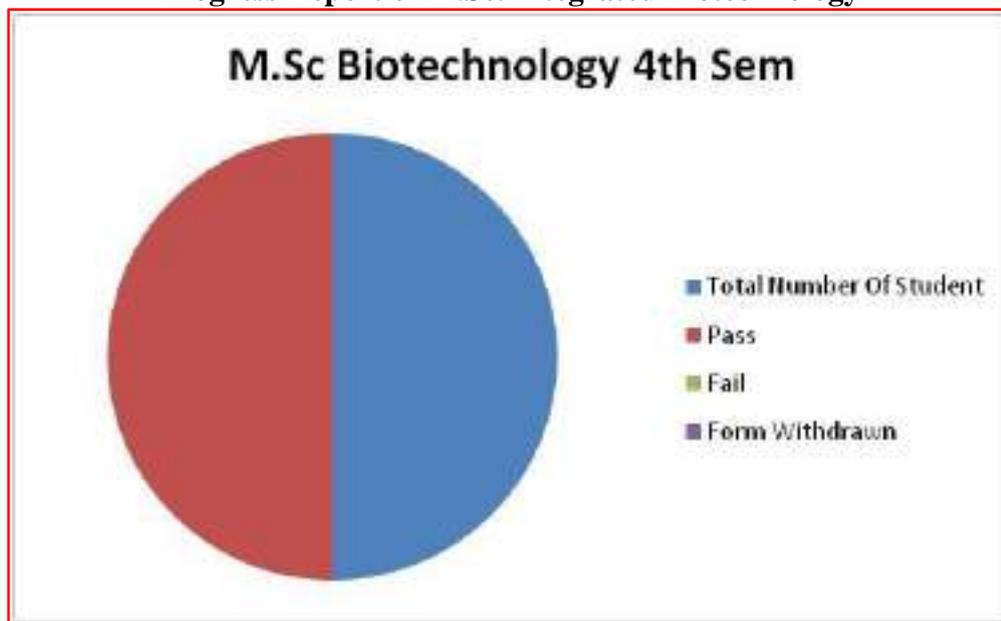
BHAGWAN MAHAVIR COLLEGE OF SCIENCE & TECHNOLOGY

ANNUAL REPORT 2021

RESULT ANALYSIS:

- **RESULTS ANALYSIS OF M.SC. INTEGRATED BIOTECHNOLOGY (2019-2020).**

Progress Report of M.Sc. Integrated Biotechnology



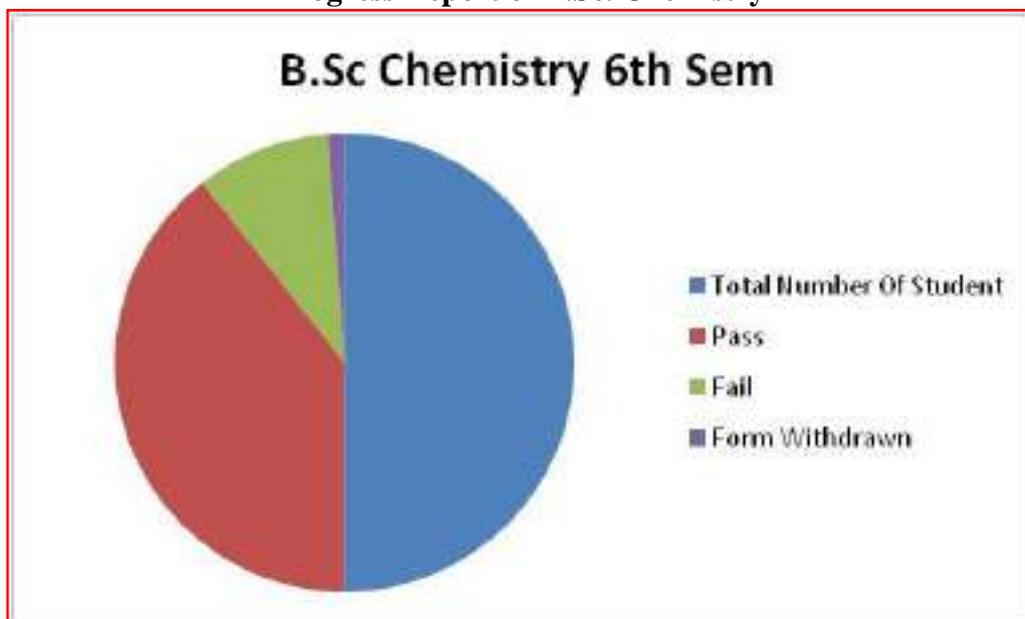
: College Topper's [M.Sc. Biotechnology – 2019-20]

Ms. Kavita V. Rana of BMCST had secured 1st Position for excellent academic performance in B.Sc. Biotechnology and acquiring highest aggregate marks at college level.

Ms. Pooja Suthar of BMCST had secured 1st Position for excellent academic performance in M.Sc. Biotechnology and acquiring highest aggregate **7.83 CGPA** out of **10** at college level.

- **RESULTS ANALYSIS OF B.SC. CHEMISTRY (2019-2020).**

Progress Report of B.Sc. Chemistry

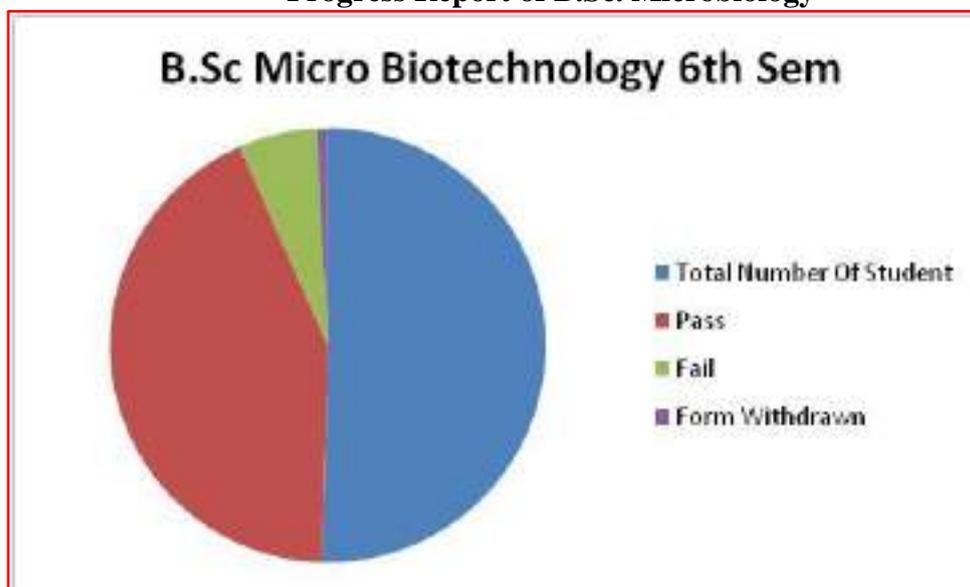


: College Topper's [B.Sc. Chemistry- 2019-2020]

Mr. Chhouvadiya Maulik Hareshbhai of BMCST had secured 1st Position for excellent academic performance in B.Sc. Chemistry and acquiring highest aggregate **(8.18 SGPA out of 10, 7.82 CGPA out of 10)** at college level.

- **RESULTS ANALYSIS OF B.SC. MICROBIOLOGY (2019-2020).**

Progress Report of B.Sc. Microbiology

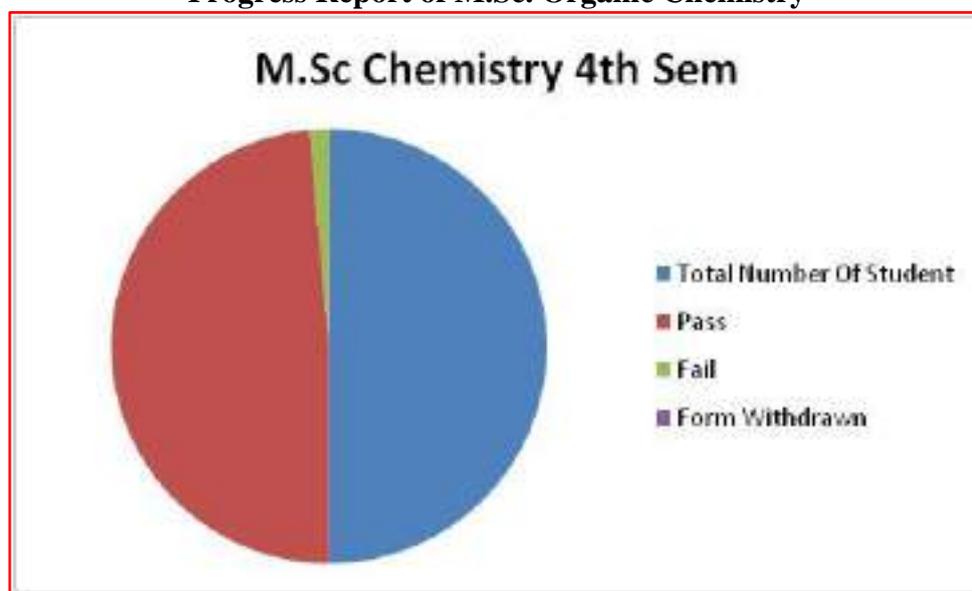


: College Topper's [B.Sc. Microbiology - 2018-2019]

Ms. Parmar Soniya Ashvinbhai of BMCST had secured 1st Position for excellent academic performance in B.Sc. Microbiology and acquiring highest aggregate (**7.86 CGPA** out of **10**) at college level.

- **RESULTS ANALYSIS OF M.SC. ORGANIC CHEMISTRY (2019-2020).**

Progress Report of M.Sc. Organic Chemistry

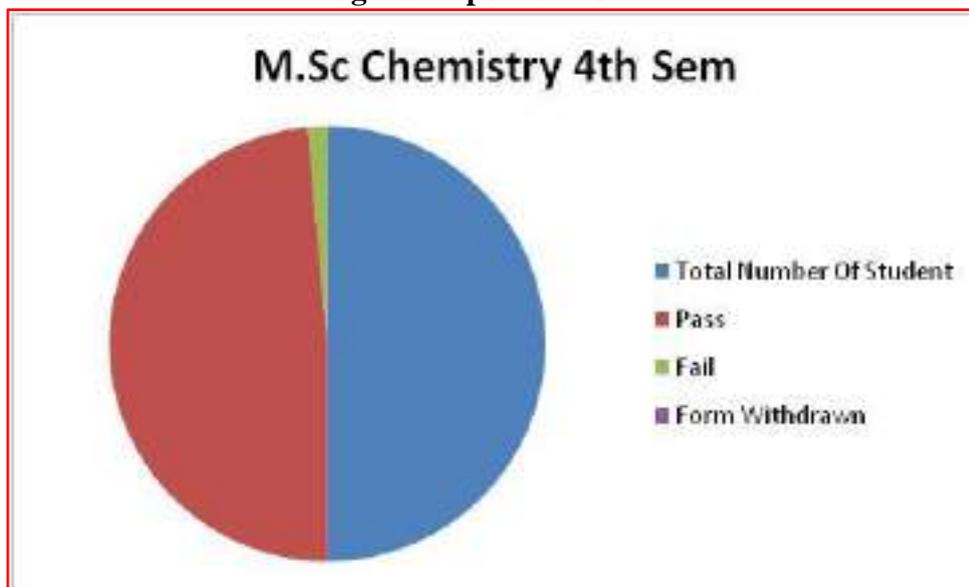


: College Topper's [M.Sc. Organic Chemistry- 2018-2019]

Ms. Patel Khushbu Dilipbhai of BMCST had secured 1st Position for excellent academic performance in M.Sc. Organic Chemistry and acquiring highest aggregate **7.75 CGPA** out of **10** at college level.

- **RESULTS ANALYSIS PGDMLT (2019-2020).**

Progress Report of PGDMLT



: College Topper's [PGDMLT - 2018-2019]

Ms. Sohaliya Surabhi Ghanshyambhai of BMCST had secured 1st Position for excellent academic performance in Post Graduate Diploma in Medical Laboratory Technology and acquiring highest **65.43 %** aggregate (**458 marks** out of **700** marks) among PGDMLT students of college. She had passed the said degree with **First Class**

CHAPTER 9
ACTIVITIES @ BMCST

BHAGWAN MAHAVIR COLLEGE OF SCIENCE & TECHNOLOGY

ANNUAL REPORT 2021

9.1 ACTIVITY @ BMCST:

Cultural & Artistic Activity @ BMCST:

- **In-house cultural activity**

Every year BMCST organize in house cultural activity to provide indoor platform to student. Various activities, like, best from waste, cartoon making competition, fireless cooking, mono acting poetry recitation events, treasure hunt and Nukkad competition. Student not only took part in this but strengthen their bond with faculty and classmates.

Teacher In-Charge: Dr. Pooja Desai.

- **Festival celebration**

Festivals are an expressive way to celebrate glorious heritage, cultural and traditions. They are meant to rejoice special moments and emotions in our lives with our family, friends and colleague. BMCST family celebrates many festivals along with students and staff to strengthen the bond of togetherness. College witness the celebration of Independence Day, Ganesh chaturthi, Uttarayan celebration with Kite festival, International Yoga day and Republic day celebration.

Teacher In-Charge: Mr. Jitendrasinh Parmar.

Academic Activity @ BMCST:

- **Virtual lecture in Lock-down period:**

The Covid-19 Pandemic forced Universities across the world as well as in India to suspend on-campus teaching and learning and shift to online classes. Online teaching and learning is an ideal method as it enforces social distancing and physical distancing to resist the spread of the epidemic. As soon as the Covid-19 crisis broke out in India, BMCST shifted to the online mode from Mid –March and as such remained unaffected by the extended national lockdown. The faculty members of the BMCST started giving lectures online (on Zoom, Google meet, etc). Study materials and assignments were shared on Google Classroom for the finished topics. During the transitional period, there were some technical glitches, but soon, both the students as well as the faculty members of the BMCST, adapted to the online mode at ease. As the online mode allows innovative

methods of teaching with the help of technology and online tools, the teachers have been very enthusiastic about delivering their lectures by using the available online tools. As a consequence, the students have found it very convenient to access lectures, study materials, and assignments. Even a shy or reticent student has participated in the class discussion with teachers through online mode by using chat options. There is a sense of feel-good factor among the students as they have been kept busy throughout this lockdown period with the scholastic activities, instead of sitting idle.

While lockdown has impacted lives in many ways, one of its positive impacts is in the area of technology adoption. Considering the additional time, suddenly available at the disposal of its members, during the lockdown, BMCST came up with a brilliant idea of educating its members with online Webinars on different educational, business, professional and social topics. Additionally, there were chapters held specifically about the impact of post Covid situation on education, stress management and getting back into business after the economic impact of the lockdown. A series of webinar especially for students and faculty was arranged by BMCST during this period. Webinar on ““Electron spin Resonance spectroscopy”” was arranged on 9th May 2020, another such useful webinar “Aromaticity” was also organised by BMEF management on 15th of May 2020. Two separate webinars for Chemistry students and faculty was organised on 23rd May 2020 and 30th May 2020 namely ““Fundamental of Spectroscopy with U.V. -Visible Region”” and “Infrared Spectroscopy”. College got very positive response for the same. Keeping this in mind few more webinars namely “Microbes: A Potential tools for 21st Century, on 1st June 2020, “REAL LIFE APPLICATION OF MATHEMATICS” on 9th June 2020, Awareness Program On COVID – 19” on 30th April was also arranged.

To facilitate the student for next academic season bridge courses in chemistry, microbiology and biotechnology was arranged.

CHAPTER 10
EVENT ORGANISED BY
BMCST

BHAGWAN MAHAVIR COLLEGE OF SCIENCE & TECHNOLOGY

ANNUAL REPORT 2021

EVENTS ORGANISED BY BMCST

10.1 International Yoga Day Celebration:

The **International Day of Yoga** has been celebrated annually on 21 June since 2015. The idea of an International Day of Yoga was first proposed by the current Prime Minister of India, Narendra Modi, during his speech at the United Nations General Assembly (UNGA), on dated 27 September 2014.

BMCST was celebrated the **International Yoga Day** on June 21, 2020 to get awareness about the benefits of yoga all across the faculties and students. Honorable Minister of Education in Government of Gujarat Mr. Bhupendra Chudasama as the Chief Guest for the day. The theme of Day is "*DO YOGA GO CORONA.*" Due to corona virus pandemic, the world is facing a crisis and people are restricted to their homes to contain the spread of the novel COVID19. The theme has been chosen, keeping in mind the current scenario and encourage people to do yoga at home. All the faculties and students virtually participated and executed yoga with the trainer Ms. Eshita Desai.



10.2 Ganeshotsav:

Bhagwan Mahavir Education Foundation families install small clay statues for worship during the Ganeshotsav. The Murti is worshiped in the morning and evening with offerings of flowers, durva (strands of young grass), karanji and modaks. The worship ends with the singing of an aarti in honour of Ganesh, other Gods and Saints. All the staff of BMCST takes part of an aarti on 26th August 2020.



10.3 Teacher's day Celebration:

Teachers are the architects of society. They are nation builders. The impact they have on their students cannot be measured in any terms. Starting from the kindergarten, up till the university level and sometimes even beyond, teachers leave deep impressions upon their pupil's personalities and lives. The significance of a good teacher can never be undermined. A teacher-student relationship is the most selfless of all relations in which the teacher gives and expects nothing in return. They inspire, guide, mentor, encourage, serve as role models and are akin to parents outside the home. Teachers selflessly share their knowledge and experiences with their students and count their students' successes as their own, take pride in their accomplishments and always encourage them to be better

versions of themselves.

To acknowledge this Team of Navjivan Hundai Visited BMCST college on 5th September, 2020. They thanked whole staff of BMCST for their contribution towards society and nation.



10.4 Celebration of Traditional day:

All faculties of Bhagwan Mahavir College of Science and Technology celebrate traditional day on 10th October 2020.



10.5 “Celebration of National Constitution Day”

Bhagwan Mahavir College of Science and Technology (BMCST) celebrate Constitution Day (or Samvidhan Divas), also known as National Law Day, was celebrated in India on 26 November every year to commemorate the adoption of the Constitution of India. On 26 November 1949, the Constituent Assembly of India adopted the Constitution of India, and it came into effect on 26 January 1950. BMCST family celebrated this day of pride by reading the preamble and taking an oath to protect the nation with an sincerity. I/C Principle, HOD's, Faculties and students etc. had taken the oath on Constitution Day. I/C Principle of, Dr. Sumita Dasgupta administered the oath on the occasion.



10.6 “Celebration of Republic Day”

Bhagwan Mahavir Education Foundation witnessed the celebration of the 72nd Republic Day on the 26th January, 2021. Limited number of Students, Staff and Faculty members filled with a feeling of patriotism and dedication gathered in school ground of BMEF. The celebration started with the hoisting of the National Flag by the chief guest Shree A.K. Khandelwal. In his speech, the director highlighted the importance of the Constitution and its unique features such as Sovereign, Socialist, Secular, Democratic and Republic enshrined in the preamble of the constitution. He also tribute to the corona warrior for their selfless dedication toward nation and society. The speech was followed by the cultural program performed by school students and college students. The program

ended with the message to create a great nation through collective efforts from all individual. Refreshment and Sweets were distributed among all the guests and students.



10.7 Acupressure awareness:

Acupressure awareness was conducted for UG and PG students of BMCST on 4th and 8th Feb 2021. In all over 100 students participated. Acupressure is a form of medicine that applies pressure to key healing points on the body, stimulating a person's self healing abilities and encouraging energy flow.

These sessions helped students to learn specific acupressure techniques through hands-on practice. Acupressure therapists are trained to use finger pressure, magnet and colour and in the above awareness program acupressure specialists conducted the session practically as well using various methods of acupressure.



10.8 In-House Event Under Youth Festival “Spandan-2021”

Bhagwan Mahavir Education Foundation witnessed the celebration of the Spandan Inhouse activity between 26th of February to 6th March 2021. Bhagwan Mahavir College of Science and Technology (BMCST) hoisted the mono acting poetry recitation events on 6th of March 2021. Total 13 students participated in poetry recitation and 6 participated in monoacting event. Ms. Tinkal Choudhari and Dr. Unnati Dani judged the event. Students recited poetry from well-known poets some even selected their own created poetry. The young poets enthralled the audience with their articulation and memory skills while reciting poems. It was a splendid opportunity for them to gain confidence through stage exposure. Everyone was delighted after seeing their pleasing performances. In Mono acting students came up with great and unique story line, Incredible performances, wonderful staging, Fun from beginning to end which tied the audience till end.

Annie Kaul from (B.Ed) stood first, Manzar ali (BCA) hold second while Issa Jattu (BMCA) and Munni Kumari (B.Ed) share third position in poetry recitation. Dhruv Patel (BMCST) got first prize in mono acting while Simran Rabari (BBA), Abhishek Vavadiya (BMCET) received second and third position in mono acting.

BMCST students were also participated in many other in-house activity events. In treasure hunt and Nukkad event BMCST students secure second position.



10.9 In-house Innovation Contest:

Bhagwan Mahavir College of Science and Technology (BMCST) was organized a competition "*In-house Innovation Contest*" on 9th March 2021 under the scheme of Student Start-up and Innovation Policy (SSIP). Total 13 groups of UG and PG students have presented their innovative ideas & start up plan to solve domain-specific issues. The event was judged by Prof. K. R. Desai (Emeritus Professor) and Dr. Nilesh Patel (Faculty of Physics). Amongst so many ideas, 'Smart Helmet' and 'Chitinase Production' represented by PG students were selected and given prizes. The event was organized by Dr. Unnati Dani (SSIP Co-ordinator) and Mr. Mahesh Sonwane (SSIP Co-ordinator). It was actively supported by Dr. Piyush Desai (Dean, BMU), Dr. Sumita Dasgupta (I/c Principal, BMCST) and Dr. Murtuza Hajoori.



10.10 Days Celebration:

Students BMCST celebrated various days i.e., Black and White Day, Denim Day, Twins Day, Suit and Saree day during 15th March 2021 to 18th March 2021. The objective behind day's celebration was to motivate students to do their bit towards their nation and society.



CHAPTER 11
COMMITTEES @ BMCST

11.0 VARIOUS COMMITTEES @ BMCST:

Sr. No.	Name of Committee	Chairman of Committee	Members
1.	IQAC Cell Email id: iqac.bmcst@bmefcolleges.edu.in	Dr. Piyush Desai Dr. Sumita Dasgupta	Dr. Vineet Jain (External member)
			Dr. Hitesh Joshi (External member)
			Dr. Nirmal Sharma (Management Representative)
			Dr. Murtaza Hajoori
			Dr. Mayank Champaneriya
			Mr. Tarun Patel (Office Staff)
2.	Examination Committee Email id: exam.bmcst@bmefcolleges.edu.in	Dr. Sumita Dasgupta	Dr. Murtaza Hajoori
			Mr. Jaydip Jobanputra
			Dr. Mayank Champaneriya
3.	Research Committee	Dr. Sumita Dasgupta	Dr. Pooja Desai
			Dr. Murtaza Hajoori
			Dr. Mayank Champaneriya
4.	Purchase Committee Email id: purchase.bmcst@bmefcolleges.edu.in	Dr. Murtaza Hajoori	Dr. Pooja Desai
			Dr. Bhumika Patel
			Ms. Trupti Pandya
			Ms. Nehal Patel
			Ms. Dhvani Goti
5.	Academic Planning Committee	Dr. Piyush Desai Dr. Sumita Dasgupta	Dr. Pooja Desai
			Dr. Murtaza Hajoori
			Mr. Jaydip Jobanputra
			Dr. Mayank Champaneriya
			Dr. Hushen Hajyani
			Ms. Sweta Patel
6.	Admission Committee [College]	Dr. Pooja Desai	Ms. Jainika Kashyani
			Mr. Vinod Gajera
			Ms. Priyanka Mistry
			Mr. Ankur Patel (Clerk)
7.	Library Committee	Ms. Vrunda Kakadiya	Ms. Cressida Mehta
			Ms. Maitri Patel
			Ms. Vandana Parmar
8.	Time Table Committee	Dr. Mayank Champaneriya	Ms. Maniti Desai
			Ms. Ankur Patel
			Ms. Sweta Patel
			Mr. Nomeswar Yadav
9.	Placement Cell	Mr. Nomeswar	Dr. Mayank Champaneriya

	Email id: tpo.bmcst@bmefcolleges.edu.in	Yadav	Dr. Bhumika Patel Ms. Final Patel
10.	Website Management Committee	Mr. Ankur Patel	Ms. Cressida Mehta Ms. Paras Ahir Mr. Sufiyan shaikh
11.	Cultural Committee	Mr. Jitendra Parmar	Ms. Maitri Mistri Ms. Ankita Ruperaliya Dr. Daxa Ghevariya Ms. Naincy Jain
12.	Sports Committee	Mr. Sanchit Solanki	Ms. Ankita Dholariya Dr. Mayank Chamapneria Dr. Husen Hajiyani Mr. Rahil Shaikh
13.	Instrumentation maintenance Committee	HODs	Dr. Daxa Ghevariya Mrs. Trupti Pandya Ms. Ankita Dholariya
14.	Women grievance Committee	Ms. Maniti Desai	Ms. Ankita Ruperaliya Dr. Nandita Soni Ms. Madri Bodra
15.	Sapthdhara	Dr. Pooja Desai	Members
	Knowledge Band	Ms. Ankita Ruperaliya	Mr. Aseesh Parmar Ms. Urvashi Patel
	Creative expression Band	Ms. Aruna Diwan	Mr. Mayank Mr. Nomeswar Yadav Ms. Dhvani Goti
	Fine Art Band	Dr. Bhumika Patel	Ms. Ankita Ruperaliya Ms. Cressida Mehta
			Ms. Naincy Jain
Sr. No.	Name of Committee	Chairman of Committee	Members
	Music & Dance Band	Ms. Maitri Mistri	Mrs. Maniti Desai Ms. Poonam Rajput Ms. Final Patel
	Theatre Band	Ms. Anamika Surati	Mr. Vrunda Kakadiya Ms. Shruti Desai Ms. Madri Bodra
	Community Band	Mr. Ankur Patel	Mr. Mahesh Sonwane Mr. Ronak Patel Ms. Nehal Patel
	Sports Band	Mr. Sanchit Solanki	Ms. Ankita Dholariya Dr. Mayank Chamapneria Dr. Husen Hajiyani Mr. Rahil Shaikh
16.	Infrastructure Committee	Mr. Vinod Gajera	Dr. Mayank Champaneriya Mr. Jitendra Parmar Dr. Hushen Hajyani Mr. Nomeswar Yadav Mr. Rahil Shaikh

17.	Discipline Committee	Mr. Vinod Gajera	Mr. Sanchit Solanki
			Mr. Jitendra Parmar
			Mr. Nomeswar Yadav
			Mr. Ankita Ruperaliya
			Ms. Ankita Dholariya
			Ms. Madri Bodra
18.	ERP Committee	Dr. Hushen Hajiyani	Ms. Maniti Desai
			Mr. Nomeswar Yadav
			Mr. Hiren Shirsath
			Mr. Aseesh Parmar
19.	Alumni Association	Dr. Sumita Dasgupta	Mr. Jaydip Jobanputra
			Mr. Anil Patil
			Ms. Sweta Patel
			Dr. Mayank Champeneriya
20.	Data Management, Social media & News Bulletin	Ms. Anamika Surati	Dr. Aruna Diwan
			Ms. Poonam Rajput
			Ms. Naincy Jain
			Ms. Parry Chatrala
21.	Academic Cell	Dr. Sumita Dasgupta /	Biotech Department F.Y. : Ms. Poonam Rajput S.Y. : Ms. Cressida Mehta T.Y. : Mr. Jaydip Jobanputra M.Sc.-I : Dr. Pooja Desai M.Sc.-II : Dr. Sumita Dasgupta
22.	Academic Cell	Mr. Vinod Gajera	Chemistry Department F.Y. : Mr. Mahesh Sonwane & Mr. Nomeswar Yadav S.Y. : Dr. Bhumika Patel & Ms. Maitri Mistri T.Y. : Mr. Anil Patil & Ms. Vrunda Kakadiya M.Sc. : Dr. Mayank Champaneriya & Hushen Hajiyani
			Microbiology Department: B.Sc. : Dr. Murtaza Hajoori , Ms. Sweta Patel, Trupti Pandya. PGDMLT : Ms. Urvashi Patel & Ms. Nehal Patel M.Sc. : Dr. Murtaza Hajoori , Ms. Sweta Patel, Trupti Pandya, Dhvani Goti.
23.	Biomedical Waste Management	Dr. Murtaza Hajoori	Ms. Cressida Mehta Ms. Final Patel
24.	Anti Ragging Committee	Mr. Mahesh Sonwane	Mr. Nomeswar Yadav Mr. Ronak Patel Mr. Paras Ahir Ms. Kinjal Solanki

CHAPTER 12
TRAINING & PLACEMENT

BHAGWAN MAHAVIR COLLEGE OF SCIENCE & TECHNOLOGY

ANNUAL REPORT 2019-2021

TRAINING & PLACEMENT CELL:

ABOUT TRAINING & PLACEMENT CELL:

BMCST, Surat campuses schedule placement seasons every year. Our students work in industry for one of the two semesters in their final year as part of the Practice School programme and are available only part of the time on campus.

: PLACEMENT RECORDS:

M.Sc. Biotechnology (2011-2012)				
Sr. No.	Name of Students	Name of Industry	Department	Annual CTC (Rs.)
1	Mr. Nimesh Patel	IP Calculus, Surat	Research	144000
2	Ms. Chintan Gorasiya		Analyst	144000
3	Ms. Ruchika Patel	Nagar Haveli Perfumes and Aromatics, DNH	Plant Asst.	180000
5	Mr. Parth Pandya	SPAN Diagnostics, Surat	QC,	120000
6	Mr. Bharat Parmar		Production	120000
7	Ms. Hetvi Tailor	Pollucon laboratory, Surat	Lab. Tech.	96000
8	Ms. Khyati Thakkar		96000	
9	Ms. Ekta Champaneria	Desai Metropolis	Lab. Tech.	108000
11	Ms. Sweta Patel	Vanita Vishram School, Surat	Teacher	180000
12	Mr. Rohit Padaliya	Schemitten Pvt. Ltd., Surat	QC	216000
13	Ms. Mittal Patel	Forest Department, Ahmadabad	JRF	192000
15	Mr. Bipin Nashit	Saurashtra University, Rajkot	Asst. Professor	300000
16	Ms. Vimmy Biscuitwala	West coast frozen food Pvt. Ltd, Surat	QC	96000
18	Mr. Kunal Naik	UTU, Biotechnology Dept., Bardoli	Teacher	192000

20	Mr. Paresh Patel	GEPIL, Surat	Lab. Incharge	120000
21	Ms. Falguni Patel	Meril Life Science, Vapi	QC	96000
22	Ms. Ritu Sharma	Saint Thomas School, Surat	Teacher	180000
23	Mr. Mitesh Gandhi	Sun Pharma, Ankleshwar	Production	336000
24	Mr. Paresh Daugad	GEPIL, Surat	Chemist	192000
25	Mr. Javiya Risheet	Schemitten Pvt. Ltd., Surat	QC	216000
26	Ms. Ira Joshi	Dept. of Forestry, Gandhinagar	R&D Scientist	192000
27	Mr. Jagdish Makwana	Valsad School, Valsad	Teacher	240000
28	Mr. Mahesh Panchani	Water Treatment Plant, SMC, Surat	In-Charge	180000
29	Ms. Nirali Patel	BMCST, Surat	Adhoc Lecturer	192000
30	Mr. Hardik Sutariya	Schemitten Pvt. Ltd., Surat	QC	216000

M.Sc. Biotechnology (2012-2013)				
Sr. No.	Name of Students	Name of Industry	Department	Annual CTC (Rs.)
1	Ms. Preeti Naidu	UTU, Biotechnology Dept., Bardoli	Adhoc Lecturer	180000
2	Mr. Jaydip Jobanputra	BMCST, Surat	Asst. Professor	300000
3	Mr. Jitendra Kumavat	Dutt Aquaculture, Bilimora	QC	108000
4	Mr. Prabhat Bhatiya	Hajoori & Sons, Surat	Microbiologist	144000
6	Ms. Pooja Patel	Desai Metropolis, Surat	Lab. Tech.	96000
7	Mr. Sandip Variya	Intas Pharma, Ankleshwar	Production Dept.	180000
8	Mr. Rajkumar Patel	Sovergian Pharma, Daman	QC	96000
9	Ms. Kinjal Savaliya	Pollucon laboratory, Surat	Lab. Tech.	96000
10	Ms. Kinjal Bhadani	Sahjanand Biotech., Sachin	QC	96000

11	Ms. Parizad Patel	Surat Raktadan Kendra & Research Center	Research Asst.	240000
12	Mr. Ashesh Parmar	G. N. Pandya College, Bhestan	Teaching Asst.	180000
13	Mrs. Dhruvi Patel	BMCST, Surat	Lab. Tech.	84000
14	Ms. Priyanka Thakkar	Unipath Laboratories, Surat	Lab. Tech.	96000
15	Ms. Rinkal Desai	Saraswati Vidhyalaya, Surat	Teacher	96000
16	Ms. Sudipta Ghorai	Axis Bank, Surat	Asst. Manager	240000
18	Mr. Solanki Nikunj	Surat Public High School, Surat	Teacher	120000

M.Sc. Biotechnology (2013-2014)				
Sr. No.	Name of Students	Name of Industry	Department	Annual CTC
1	Mr. Parth Kava	SPAN Diagnostics, Surat	QC, Production	96000
2	Mr. Kevin Contractor			96000
3	Ms. Maitry Pandya	Gufic Pharmaceutical, Navsari	QC	144000
4	Ms. Rimpal Patel	SN Gene Lab, Surat	Lab. Tech.	132000
5	Mr. Dhruv Naik	Gufic Pharmaceutical, Navsari	Lab. Tech.	144000
6	Ms. Minal Patel			144000
7	Ms. Gajera Meera	Aqua Air Environment Consultant	Lab. Tech.	120000
8	Mr. Kalpit Patel	Aqua Air Environment Consultant	Lab. Tech.	120000

M.Sc. Biotechnology (2014-2015)				
Sr. No.	Name of Students	Name of Industry	Department	Annual CTC
1	Mr. Jignesh Tejani	Aarkay Health Care Pvt. Ltd.	QC,	96000

2	Ms. Bhumika Patel		Production	96000
3	Ms. Krma Shah			96000
4	Mr. Bhavesh Shiroya	West coast frozen food Pvt.	QC	120000
5	Mr. Alpesh Khatrani	Ltd, Surat		120000
6	Mr. Tushal Mangukia	K. Patel Phytochemical	QC	120000
7	Mr. Hardik Borad	Extraction, Vapi	QA	120000
8	Mr. Kishan Gadhiya	Detox Corporation Pvt. Ltd.	QC	144000
9	Ms. Madhuri Patel	Navsari Nagar Palika, Navsari	Administrator	144000

M.Sc. Biotechnology (2015-2016)				
Sr. No.	Name of Students	Name of Industry	Department	Annual CTC
1	Niraj B. Prasad	Vision Educare & IT solutions Pvt. Ltd.	Teaching Faculty	300000
2	Mr. Vivek Shukla	Lifecare Formulations pvt. Ltd., Ahmedabad	Production	120000

M.Sc. Biotechnology (2016-2017)				
Sr. No.	Name of Students	Name of Industry	Department	Annual CTC
1	Mr. Rahul Chaudhari	Arkray Health Care Pvt. Ltd.	QC, Production	120000
2	Ms. Ankita Jain	Gujarat State Biotechnology Mission, Gandhinagar	Research Fellow	180000
3	Ms. Payal Patel	M.S. University, Vadodara	Research Fellow	240000

M.Sc. Biotechnology (2017-2018)				
Sr. No.	Name of Students	Name of Industry	Department	Annual CTC
1	Ms. Abha Bhawe	Arkray Health Care Pvt. Ltd.	R & D	120000
2	Ms. Keruli Desai		QC,	120000
3	Ms. Unnnati Goti		Production	120000
4	Mr. Viren Mavani			120000
5	Mr. Savan Monpara	J. B. Phrmaceuticals	Laboratory	180000
6	Mr. Mehul Nakrani		Tech.	180000

M.Sc. Biotechnology (2019-2020)				
Sr. No.	Name of Students	Name of Industry	Department	Annual CTC
1	Ms. Chanchal Arora	Arkrey Health Care Pvt. Ltd., Sachin GIDC, Surat		144000
2	Mr. Romil Mistry	Gufic Pharmaceutical, Navsari		180000
3	Mr. Meet Patel	Intas Pharmaceuticals, Ahmedabad		240000
4	Ms. Hileri Sutariya	Surat Raktadan Kendra & Research Center, Surat		96000
5	Ms. Mittal Patel	Nirikshan Pathology Laboratory, Surat		96000
6	Nirmal Pithadiya	Kota Classes		180000
7	Bhavika Chovatiya	Sterling Laboratories, Surat		108000
8	Singh Snehal	Sungrace School, Surat		216000
9	Rohera Reena	Gajera Global School, Surat		2400000

M.Sc. Chemistry (2019-2020)				
Sr. No.	Name of Students	Name of Industry	Department	Annual CTC
1	Mr. Ketan Kamani	Anupam Rasayan India Ltd., Sachin, Surat	R & D	216000
2	Mr. Chandrakant Patel	Anupam Rasayan India Ltd., Sachin, Surat	R & D	216000
3	Chintansinh bhagvansinh vashi	Anupam Rasayan India Ltd., Sachin, Surat	R & D	216000
4	Rawal Khushbukumari Ashokbhai	Anupam Rasayan India Ltd., Sachin, Surat	R & D	216000
5	Patel hardik bharatbhai	Anupam Rasayan India Ltd., Sachin, Surat	R & D	216000
6	Mr. Patel Govind	Anupam Rasayan India Ltd., Sachin, Surat	R & D	216000
7	Choudhary Hemlata	Riddhi Pharma, Ankleshwar, Bharuch		198022

8	Mr. Vishal Suthar	Bharat Rasayan Limited	Production	198022
9	Mayank Chovatiya	Pravin Laboratories, Palsana		190000