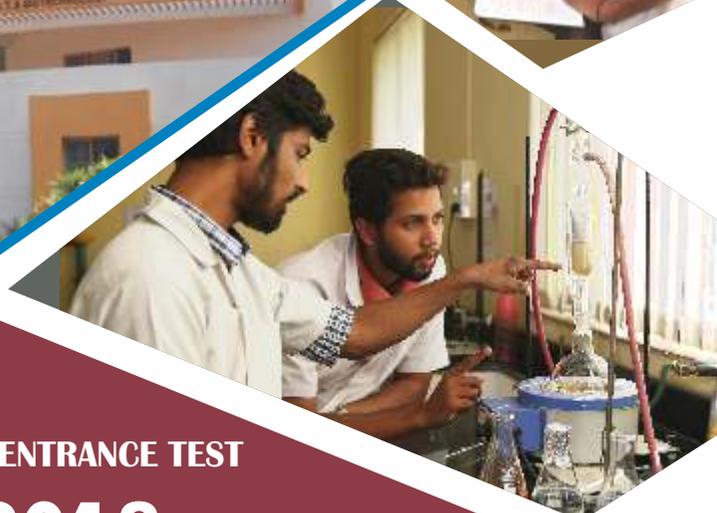




BHARATI VIDYAPEETH

(Deemed to be University)
Pune, India.

Accredited with 'A+' Grade (2017) by NAAC
'A' Grade University Status by MHRD, Govt. of India
Accredited (2004) & Reaccredited (2011) with 'A' Grade by NAAC



INFORMATION BROCHURE OF ENTRANCE TEST

CET-MBT-2018

For Admission to the Master of Science in Biotechnology /
Medical Biotechnology / Bioinformatics (MBT)
POST GRADUATE DEGREE COURSES

At

Bharati Vidyapeeth (Deemed to be University), Pune
Rajiv Gandhi Institute of Information Technology and Biotechnology, Pune
Ranked 30th at National level (College Category), NIRF - 2017



Chancellor's Message

Hon'ble Dr. Patangrao Kadam

M.A., LL.B., Ph.D.

FOUNDER - CHANCELLOR

Bharati Vidyapeeth (Deemed to be University) Pune



As the Chancellor of Bharati Vidyapeeth (Deemed to be University) I extend a very warm welcome to the students who are desirous of seeking admission in our different Constituent units.

Bharati Vidyapeeth, the parent organization of this University has recently celebrated its Golden Jubilee. Five decades ago Bharati Vidyapeeth initiated its academic journey with a single school. Now it is one of the premier educational institutions in the country, having under its umbrella more than 180 educational units including 80 colleges of 12 faculties. They include colleges of Medicine, Dentistry, Engineering, Pharmacy, Hotel Management and the like. There may not be any disciplines either conventional or emerging for which Bharati Vidyapeeth has not established its institution.

Within a short period of 20 years or so, Bharati Vidyapeeth (Deemed to be University) has established its academic reputation even across the national borders. Its high level of academic excellence is underscored by the fact that the Ministry of Human Resource Development, Government of India has given 'A' grade status to this University. The University's another remarkable achievement is that it has been awarded a prestigious 'A' grade by the NAAC both in its first

accreditation and also in reaccreditation. An approval by the UGC under Section 12B of its Act which our University has received is another feather in the cap of the University.

We at this University are committed to offer our students a wide spectrum of academic options to choose from.

It has also been our endeavour to provide continuously updated education in a congenial environment to our students. I am very happy that a very large number of our past students have established their reputation as Medical Practitioners, Engineers, Pharmacy Industrialists and the like, not only at the national level but also at the international level. Research is a focal area of activities of our University. We have three Research Institutes as constituent units of University. They are doing remarkable work. Our aim is to develop this University ultimately as a Research University.

I again welcome you all and wish you a very successful academic career as students of this University.

Dr. Patangrao Kadam





Bharati Vidyapeeth
(Deemed to be University), Pune (India)

Information Brochure For Entrance Test
(**MBT - 2018**)

For Admission To

M.Sc. (Biotechnology)
M.Sc. (Medical Biotechnology)
M.Sc. (Bioinformatics)

In

Bharati Vidyapeeth (Deemed to be University)

**Rajiv Gandhi Institute of
Information Technology and Biotechnology**

Katraj, Pune - 411 046.

Website : www.rgitbt.bharativedyapeeth.edu

Email : rgitbt@bharativedyapeeth.edu

Important Dates

| | | | |
|----|---|---|---|
| A) | Last date for submission of online application form | : | 14th June 2018 upto 5.00 p.m. at www.bvuniversity.edu.in |
| B) | Date and time of Common Entrance Test (Written) | : | 18th June 2018 11.00 am to 12.30 pm |
| C) | Declaration of Result | : | 23rd June 2018 after 5.00 p.m. at www.bvuniversity.edu.in |
| D) | Counseling and spot admission Venue for Counseling | : | 29th June 2018 Bharati Vidyapeeth (Deemed to be University), Rajiv Gandhi Institute IT & Biotechnology, Pune-Satara Road, Katraj, Pune-46 Ph. No. 020-24379013 |
| E) | Places where the Test will be held | : | Pune, New Delhi, Navi Mumbai |
| F) | Commencement of Classes | : | 2nd July 2018 |

Pro-Chancellor's Message

Prof. Dr. Shivajirao Kadam

Pro-Chancellor
Bharati Vidyapeeth (Deemed to be University) Pune



Dear Students,

At the outset, let me welcome all of you who are intending to join our University.

I am extremely happy to note that you have selected our University for your further studies. All of you know that Bharati Vidyapeeth (Deemed to be University) is one of the leading Universities in the country having 'A' grade awarded by Ministry of Human Resource Development, Government of India.

It is accredited with 'A+' grade in 2017 by NAAC, Bangalore. It is also significant to note that some of its constituent units have ISO 2001-2009 certification. Our University has excellent infrastructure for all its constituent Institutions such as well-structured spacious buildings, continuously updated laboratories and hostels with all necessary amenities and facilities.

Today, the horizons of knowledge are expanding exponentially. It is, therefore, a challenge to cope up with this vibrant system of higher education and Bharati Vidyapeeth (Deemed to be University) is well-equipped to impart latest training and education to its students. We are committed to provide excellent teaching, learning and research under our 12 faculties. The University continuously updates the courses of studies being taught in our constituent Institutions, keeping in view, the rapid changes and dynamism around. Our libraries are

continuously updated. The University ensures not only high quality training, education in the respective areas of knowledge to the students, but also places emphasis on all-round development of the students. Abundant opportunities are also provided for co-curricular and extracurricular activities on the campus. In the discharge of its social obligations, the University is, no doubt, committed to see that the students graduating from this University are well-trained and well-prepared for jobs and become responsible citizens of the country.

The track record of the achievements of the University is indeed commendable. It is a matter of pride for us that scores of our students have achieved successes in their respective fields and established themselves in different spheres of life. We are aware that the success of any University largely depends on the number of successful students. It produces for the service of the society and the nation.

We, therefore, take every care for your bright future career and help you to translate your dreams into reality.

Once again, I take this opportunity to welcome all of you to the family of Bharati Vidyapeeth (Deemed to be University) and wish you success in your life.

Prof. Dr. Shivajirao Kadam

Vice-Chancellor's Message

Hon'ble Prof. Dr. Manikrao Salunkhe

Vice Chancellor

Bharati Vidyapeeth (Deemed to be University) Pune



It is a matter of immense pleasure for me to be a part of the Bharati Vidyapeeth (Deemed to be University) family as its Vice Chancellor. I take this opportunity of welcoming new students joining the College of Engineering as well as the Faculty of Management Studies in undergraduate as well as postgraduate programmes. Most of such students move away from the folds of their family and need to feel that they are just moving away from one family fold to another. Their teachers seniors and peers, all form an extended family from whom they can look up for any guidance support and help to move ahead in life as professionals in the study programmes they have opted.

The College of Engineering offers graduate, post graduate programmes and Doctoral programmes. The college has earned its reputation owing to its excellent infrastructure as well as qualified faculty. In terms of credentials, the College of Engineering is one of the few institutes in the country which has Programmes accredited by National Board of Accreditation (NBA) twice and application for the third cycle of accreditation is underway. This is the only institute selected by MHRD for its Technical Education Quality improvement Programme (TEQIP-II- 1.1 Programme) for the grant of Rs. 4 Crores.

Like any other area of science, engineering technology is also going through rapid changes. As far as high quality engineering education is concerned in such an ever-changing area, an institution needs to keep itself always updated through course curriculum, laboratories resources and most importantly faculty. We have a team of qualified, experienced & dedicating teaching faculty in the faculty of management Studies for constant updation of syllabi. The respective departments are supported by equally dedicated qualified laboratory staff.

Under the Faculty of Management Studies, we have courses taught at our Management Schools located in Pune, Sangli, Solapur, Kolhapur, Karad and New Delhi. Also we have an Institute for Hotel Management and Catering Technology in Pune. We have a continuous process of updation of syllabi, as far as high quality Management education is concerned. In order to impart education, Liaison with industry in the form of industrial visits, students training, expert lectures and arranging

of seminars & workshops are an integral part of our educational program.

The colleges have a well designed building and other well equipped infrastructural requirements with state-of-the-art facilities. Our curriculum goes through regular revisions to incorporate new developments for imparting the course contents and knowledge beyond syllabus given in the University curriculum. Ours is a multi campus university with multi disciplinary approach. We produce graduates to become future leaders in industry, academia, government and the society. Through a good blend of course work and projects, the departments endow students with the ability to apply knowledge in multidisciplinary teams, provide leadership and technical expertise, and practice their professions with ethical approaches and concern for society and environment. We have a team of qualified, experienced & dedicated teaching faculty for constant updation of syllabi. Research is an inclusive part of the teaching and our faculty members publish research papers in indexed journals of repute with impact factor. Active interaction of learners with faculty and other academicians & professionals in the field provide exposure by way of seminars, workshops etc.

The campus is ICT enabled and the colleges provide an e-learning and e-connect environment, along with class coordination system, document management system as well as virtual class rooms. The university is situated in a serene environment. The serenity along with a complex structure of curricular, co- curricular and extra- curricular activities will shape your physical, mental and intellectual growth. As a student of Management/Engineering, you are the torch bearers of latest technology. You have the responsibility of developing an environmentally and socially sustainable society.

I, wish and assure you, on behalf of the university family, that we will help you pursue your objectives of life under the varied social, cultural and economic environment and make the University family proud of your attainments.

Prof. M.M. Salunkhe

Bharati Vidyapeeth (Deemed to be University), Pune

Bharati Vidyapeeth, the parent organization of this University is one of the largest educational organizations in the country. It has 180 educational units under its umbrella including 80 Colleges and Institutes of conventional and professional disciplines..

The Department of Human Resource Development, Government of India on the recommendations of the University Grants Commission accorded the status of "Deemed to be University" initially to a cluster of 12 units of Bharati Vidyapeeth. Subsequently, 17 additional colleges / institutes were brought within the ambit of Bharati Vidyapeeth (Deemed to be University) wide various notifications of the Government of India. Bharati Vidyapeeth (Deemed to be University) commenced its functioning on 26th April, 1996.

Constituent Units of Bharati Vidyapeeth (Deemed to be University)

1. BVDU Medical College, Pune.
2. BVDU Dental College & Hospital, Pune
3. BVDU College of Ayurved, Pune
4. BVDU Homoeopathic Medical College, Pune
5. BVDU College of Nursing, Pune
6. BVDU YashwantraoMohite College of Arts, Science & Commerce, Pune.
7. BVDU New Law College, Pune
8. BVDU Social Sciences Centre (M.S.W.), Pune
9. BVDU YashwantraoChavan Institute of Social Science Studies & Research, Pune.
10. BVDU Centre for Research & Development in Pharmaceutical Sciences & Applied Chemistry, Pune
11. BVDU College of Physical Education, Pune.
12. BVDU Institute of Environment Education & Research, Pune
13. BVDU Institute of Management & Entrepreneurship Development, Pune
14. BVDU Poona College of Pharmacy, Pune
15. BVDU College of Engineering, Pune
16. BVDU Interactive Research School in Health Affairs (IRSHA), Pune
17. BVDU Rajiv Gandhi Institute of Information Technology & Biotechnology, Pune
18. BVDU College of Architecture, Pune
19. BVDU AbhijitKadam Institute of Management & Social Sciences, Solapur
20. BVDU Institute of Management, Kolhapur
21. BVDU Institute of Management & Rural Development administration, Sangli
22. BVDU Institute of Management & Research, New Delhi
23. BVDU Institute of Hotel Management & Catering Technology, Pune
24. BVDU YashwantraoMohite Institute of Management, Malakapur-Karad
25. BVDU Medical College & Hospital, Sangli



26. BVDU Dental College & Hospital, Mumbai
27. BVDU Dental College & Hospital, Sangli
28. BVDU College of Nursing, Sangli
29. BVDU College of Nursing, Navi Mumbai

The status of University was given to a cluster of these colleges and institutes in appreciation of the high level of their academic excellence and for their potential for further growth.

During the last 20 years or so, the University has achieved higher pinnacle of academic excellence and has established its reputation to such an extent that it attracts students not only from various parts of India but also from abroad. According to a survey conducted by Association of Indian Universities, this University is one among the top ten Universities in the country preferred by the overseas students for admissions. At present, there are more than 602 overseas students from 45 countries on the rolls of constituent units of this University.

During the last 20 years, there has been tremendous academic expansion of the University. It now conducts in all 290 courses in its constituent units, of them 107 are Post Graduate, 40 are Under Graduate and 37 Diploma level and 14 are PG Diploma level courses. 11 Fellowship and 5 certificate courses. All the professional courses which the University conducts such as those of Medicine, Dentistry, Engineering etc., have approval of the respective statutory councils, viz., Medical Council of India, Dental Council of India, All India Council for Technical Education etc.

The University is a throbbing center of research activities and has launched Ph.D. programmes in 79 subjects and M.Phil in 2 subjects. It has also introduced quite few innovative academic programmes such as Masters in Clinical Optometry, M.Tech. in Nano Technology etc.

The University's performance and achievements were assessed by the "National Assessment and Accreditation Council" and it was Accredited with a prestigious "A+" Grade in 2017. Some programmes of the constituent units such as Poona College of Pharmacy, College of Engineering at Pune & the Institute of Management and Research, at New Delhi, have also been accredited by "National Board of Accreditation". Three constituent units of Bharati Vidyapeeth (Deemed to be University) are also the recipients of ISO 9001-2001 certifications.

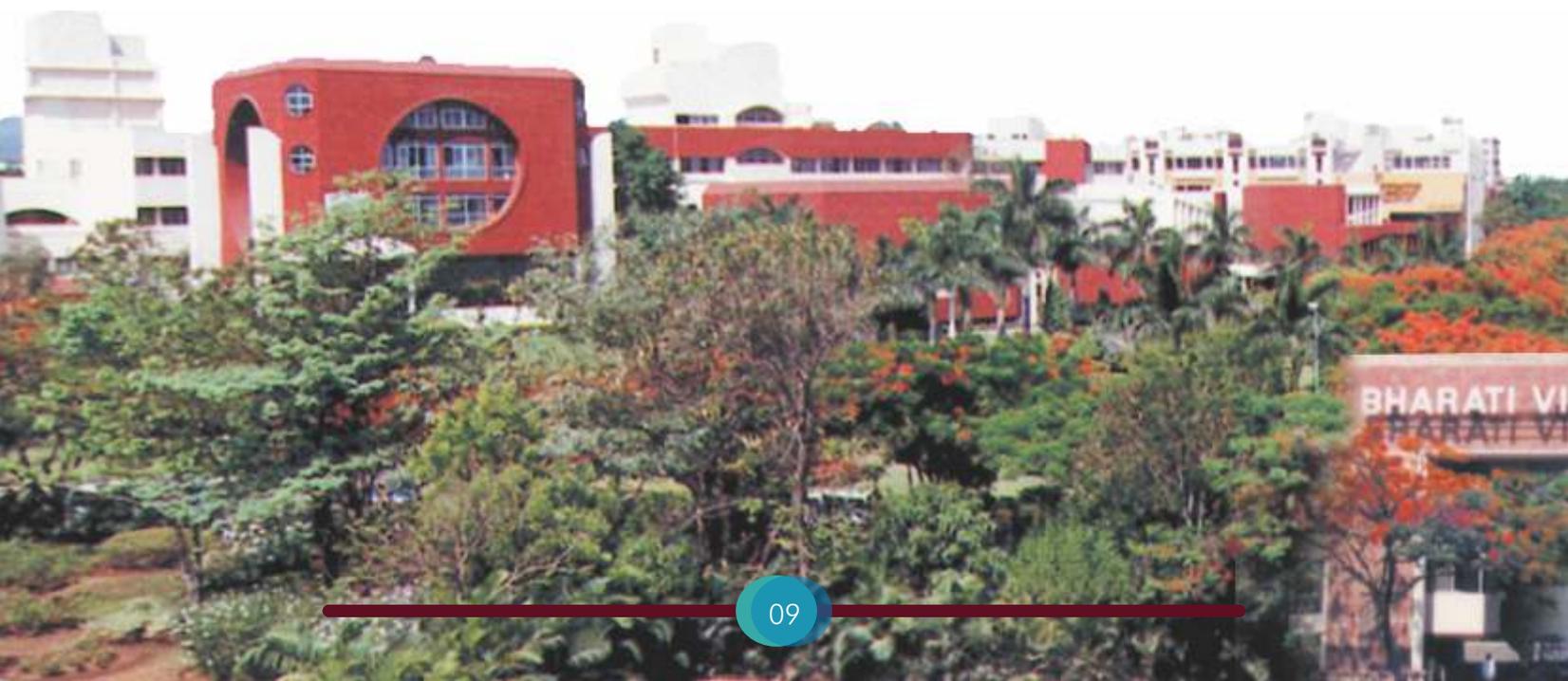
In 2017, in the assessment under National Institutional Ranking Framework (NIRF), by Ministry of HRD, Govt. of India, the university is ranked 54th at National level among universities. Also its constituents units-i.e. Poona College of Pharmacy, Pune is figured at 8th place, College of Engineering, Pune at 66th place, Institute of Management and Entrepreneurship Development, Pune at 40th place and Rajiv Gandhi Institute of Information Technology and Biotechnology at 30th place at the national level.



Salient and Distinctive Features of Bharati Vidyapeeth (Deemed to be University)

This University:

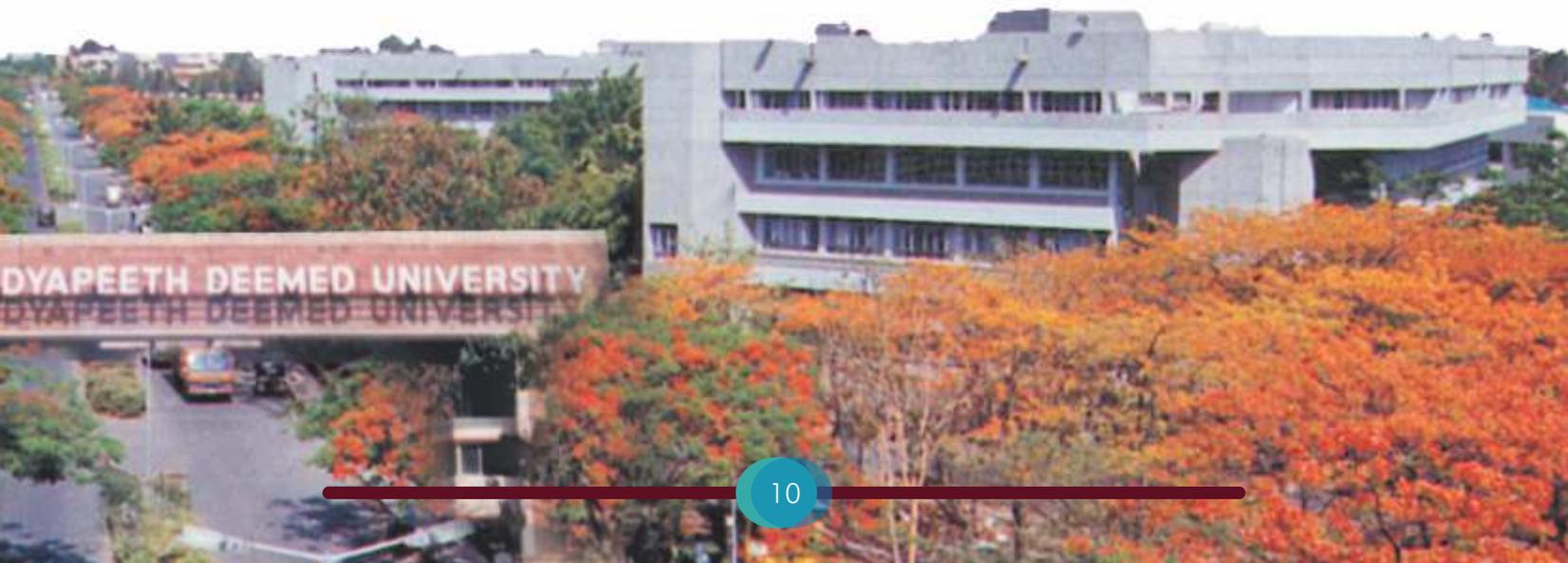
- | is one of the largest Deemed to be University in the country established u/s. 3 of the UGC Act, 1956;
- | is a multi-faculty University offering a variety of courses in 12 faculties namely Faculty of Arts, Social Sciences and Commerce; Faculty of Science; Faculty of Law; Faculty of Medical Sciences; Faculty of Dentistry; Faculty of Ayurveda; Faculty of Homoeopathy; Faculty of Nursing; Faculty of Pharmaceutical Sciences; Faculty of Management Studies; Faculty of Engineering & Technology and Faculty of Interdisciplinary Studies is accredited and reaccredited by the NAAC with prestigious 'A+' grade.
- | is probably the only University of its kind in the country having three self-financing Research Institutes devoted exclusively to the researches respectively in Health Related Sciences, Pharmaceutical Sciences and Social Sciences.
- | has the distinction of getting recognition from the University Grants Commission u/s. 12 (B) of its act;
- | is a University, which is academically and intellectually very productive. Its faculty members have a very laudable track record of research, publications and patents;
- | has created a special fund to provide research seed money to its faculty members;
- | has digitalized the libraries of its constituent units and which makes an extensive use of modern Information and Communication Technology in teaching, learning and research and also in administration;
- | publishes its own scientific Journal. Besides, two of its Management Education Institutes publish their own academic journals which have gained recognition in the core academic circles;
- | has established linkages with more than 50 national and international reputed academic institutions, such as North Carolina A & T University (USA), University of Cologne, (Germany), Liverpool Law School, (UK), Kingston University (UK), Pioneer Research Centre for Nano-grid Materials, Pusan National University, Busan (South Korea), Deakin University (Australia), Selford University (Australia), Oxford Brookes University (UK) and several others;
- | has several colleges of health related sciences such as Medicine, Dentistry, Ayurved, Homoeopathy, Nursing, Audiology & Speech Language Pathology, Optometry in one campus (Pune). This has facilitated introduction of interdisciplinary courses and research.



- | IRSHA, its health related Sciences Research Institute has done a good path breaking research work on Omega 3 Fatty Acids and has taken a lead in encouraging farmers to cultivated flax seeds which are major source of Omega 3 Fatty Acids.
- | Its Institute of Environment Studies & Research Education has adopted several primary schools, wherein it implements its programmes of creating environmental consciousness among the students. Its work has received national level applaud.
- | is a throbbing centre of academic activities and has organized several national and international level seminars, conferences, workshops, etc.
- | runs a School of Performing Arts, wherein graduate and postgraduate programmes in various Performing Arts including dance, music etc., are conducted in the traditional Gurukul system.

Our Campuses

Bharati Vidyapeeth (Deemed to be University) has campuses in Pune, Mumbai, Solapur, Kolhapur, Sangli, Karad and New Delhi, the capital city of India. Bharati Vidyapeeth (Deemed to be University) has two campuses in Pune, one on Pune-Satara Road 5kms. South of Pune another at Erandwane, in the heart of the city. In addition, two more campuses have been developed at Sangli and Navi Mumbai.



**BHARATI VIDYAPEETH UNIVERSITY
RAJIV GANDHI INSTITUTE OF I.T. & BIOTECHNOLOGY**

Rajiv Gandhi Institute of IT and Biotechnology

The institute was conceptualized in 2001 and acquired recognition by the University Grants Commission (UGC) in September 2002. The institute's activities focus on imparting education, training and research in the emerging important areas of biotechnology. A three year graduate course (B.Sc.) in biotechnology was introduced in 2003 and a post-graduate course (M.Sc. in biotechnology) in 2005. The academic programme is aimed at generating competent work force for growing life sciences industry. In 2010, a post graduate course in Bioinformatics (M.Sc. Bioinformatics) course introduced in the institute & M.Sc. Medical Biotechnology has been launched since 2012 with an aim to generate skilled man power for inter disciplinary subject.

Vision

To make the institute a world class center of excellence in Biotech education and research

Mission

Social Transformation through Dynamic Education

Goal

To generate professionally competent human resource in biotech to serve academia, research, agriculture, health and industry

Attractions to choose RGIT-BT as centre for learning

- ▶ Ranked 30th in college category at National level, NIRF 2017 Rankings.
- ▶ State of art Infrastructure
- ▶ Knowledge and job-oriented syllabi, Subject-wise specialized faculty as per UGC norms.
- ▶ Digitalized library with internet connectivity and DELNET
- ▶ All classrooms are equipped with LCD projectors connected to LAN, for simultaneous conduct of theory classes.
- ▶ Well equipped laboratories to conduct advance materials.
- ▶ Five research laboratories focused for research in nutrigenomics, Microbial technology, herbal biotechnology, Cell & Molecular biology and Plant tissue culture.
- ▶ A/c auditorium with 140 seating capacity for seminars
- ▶ Conference / exhibition hall, administrative/ students' guidance office
- ▶ Dedicated 125 kVA generator for uninterrupted power supply
- ▶ Poly-house and shade-net facility for hardening banana plants
- ▶ Well laid out garden to create desired ambience for learning.

Details Regarding infra structural facilities resources available and other activities conducted at the institute are available on its website.



FACILITIES

Infrastructure :

Rajiv Gandhi Institute of IT and Biotechnology has a spacious architecture built up in an area of 59,000 square ft. It houses five departments i.e. Department of Microbial Biotechnology, Department of Biochemical Sciences, Department of Plant Biotechnology, Department of Cell and Molecular Biology and Department of Bioinformatics. Each department has separate laboratories for conducting undergraduate and post-graduate practicals and research. The institute has well-equipped computer laboratories and spacious classrooms for undergraduate and postgraduate students with LCD facility.

All laboratories of the institute are equipped with state-of-art instruments like UV-Visible Spectrophotometer, Gel documentation unit, PCR machine, Laminar air flow units, Microtome, CO₂ incubator, Inverted Microscope etc. to impart hands-on training for all practical courses. Independent laboratories for imparting hands on training in Plant Tissue culture and Animal Tissue culture with state-of-art equipment is our strength.

The institute has advanced bioinformatics labs equipped with genomic servers, and computing clusters with 4 Mbps internet connectivity. The bioinformatics infrastructure supports training, research and development in genomics, proteomics and drug design.

Good library facility and with internet connectivity and DELNET with more than 2650 books and 26 periodicals are presently provided to students.

There are total 20 regular teaching faculty in the institute, which includes Professors of national and international reputation, 5 Associate Professors in-charge of various departments and 10 Asst. Prof. About 73% of the faculty has doctoral degree and is involved in post-doctoral research activities.

Limited hostel accommodations are available for the students of RGITBT.



Collaborative activities:

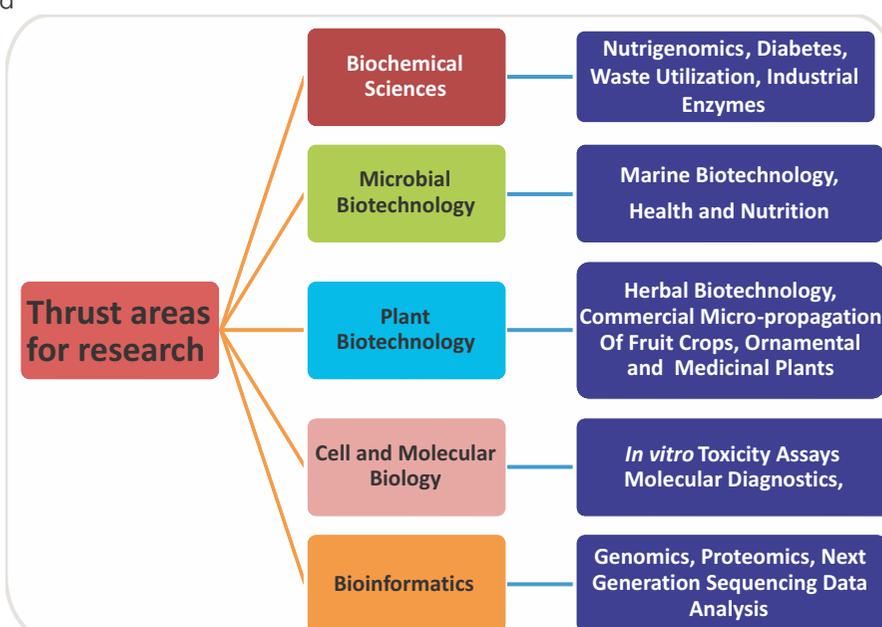
- | | |
|---|--|
| • DRDO, New Delhi | Microbial production of 1,2,4-Butanetriol |
| • National Chemical Laboratory, Pune | Biochemical & molecular profiling of wine spoilage yeasts |
| • National center for antarctic and ocean research, Goa | Research on Omega-3-fatty acid |
| • National institute of Virology, Pune | Viral Data analysis |
| • BVU-Medical College, Pune/ Sangli | Cancer Molecular Biology Research |
| • BVU-IRSHA, Pune | Micropropagation and commercialization of few medicinally important plants Nutrigenomics |
| • Jay Biotech, Pune | Agro-industrial collaboration |
| • BVU-College of Engineering | Nanotechnology course development |

Seminar and workshop conducted at RGITBT

- Workshop on Next generation sequencing during 24th to 27th December, 2015(sponsored by BVDU, Pune)
- Workshop on Cell and Molecular techniques organized by BVDU Medical College, Pune on 23rd Dec.2015
- Cancer Awareness program on sponsored by BVDU and YouWeCan foundation on 17th Dec.2015
- Workshop on Entrepreneurship development in Biotechnology on 8th January 2015 (Sponsored by VAMNICOM, Pune)
- Seminar on Recent Trends in Food Biotechnology on 13th January 2015 (Sponsored by BVDU, Pune)
- Seminar on Science of Yoga and meditation on 22nd August 2015 (Sponsored by BVDU, Pune)
- Strawberry Utsav on 22nd February 2014 (Sponsored by DST, India)

Student enrichment programmes conducted at RGITBT

- Guest lectures from Biotech Industry and Academics.
- Film and documentaries shows related to Life science and current trends of Biotechnology as Saturday activity.
- Seminars and interactions with subject experts.
- Zoological and Botanical study tour and excursion.
- Biotechnology industry visit.
- Workshop for training in sophisticated Biotechnology equipments.
- Involvement of students in an enterpreneurial unit "Nature Tech" under earning while learning scheme for preparing kitchen and herbal kits, in vitro gift articles etc.



Placement of M.Sc. students

| Sr. No. | Name | Company |
|---------|----------------------------------|--|
| 1. | BhosaleGeetanjaliPrithviraj | Emcure Pharmaceutical Ltd., Pune |
| 2. | DhumaleSuhashiniShivaji | Project Assistant, Ahmadabad |
| 3. | GohilDhairayarajsinhRajendrasinh | Production officer at Serum Institute of India, Pune |
| 4. | HodaSarabadani | Ph.D. Scholar, University of Pune, Pune |
| 5. | KadamSandipKrishnath | QC officer, Emcure Pharmaceutical Ltd., Goa |
| 6. | KemseNishaGanpat | Project Assistant, IRSHA, BVDU, Pune |
| 7. | Khair Amrita Ankush | PhD Student, IRSHA, BVDU, Pune |
| 8. | Mane KuldipUlhas | QC officer, Venky's(India) Ltd. |
| 9. | Mane Sonali Mohan | Lecturer, Sinhagad Institute, Pune |
| 10. | MulikAnuradhaRajendra | Ph.D. Scholar, RGITBT, BVDU, Pune |
| 11. | Sinha Niharika | Ph.D fellow, NIIT, Noida |
| 12. | Pandya DevangMukeshbhai | Regional Manager, Himalaya Laboratories, Gujrat. |
| 13. | PatilNeha Prakash | Lecturer, Abedalnamdar College, Pune |
| 14. | Nair Remya | DST Inspire fellow, Ph.D BVDU |
| 15. | ArkatkarTanvi | MS, Texas University, USA |
| 16. | Khot Vinita | Project Assistant, IRSHA, BVDU, Pune |
| 17. | Joshi Nikhil Dattatrya | R&D officer, Serum Institute, Pune |
| 18. | Akriti | JRF, IRSHA, BVDU, Pune |
| 19. | Akshaybar | Encube Ethical Ltd., GOA |
| 20. | Tina Dastane | Lecturer, HCC School & Jr. College |
| 21. | Devyani Pathak | QC officer, Venky's (India) Ltd., Pune |
| 22. | HarsodaVaishaliben | Scientist, Sysplex Biochemical Solution, Pune |
| 23. | Joshi Shreepad | R&D officer, Adiraj Agro, Pune |
| 24. | Juhi Singh | Ph.D. Scholar, MS Baroda Univ. , Baroda |
| 25. | Kadam Manoj | Self Entrepreneur, Consultant for Pomegranate Orchard Management |
| 26. | LipiBuch | Ph.D. Scholar, MS Baroda Univ. , Baroda |
| 27. | Kamlesh Mahajan | QC officer, Cipla, Goa |
| 28. | Malakoliar Prasad | FSO, GlenmarkPharma, Mumbai |
| 29. | Mittal Vaishali | Clinical data manager, Cognizant, Mumbai. |
| 30. | Monika Sharma | Research Assistant, Emcure Pharmaceuticals Ltd., Pune |
| 31. | NashteAniket | RA, Embio Ltd., Pawai, Mumbai |
| 32. | Pavani Narayanan | QC officer, Novartis-Chiron BEHRING Pvt. Ltd., Ankaleshwar |
| 33. | Pawar Mahesh | Research Assistant, Serum Institute, Pune |
| 34. | PreetiBhat | JRF, NIV, Pune |
| 35. | PriyankaKarn | Project Assistant, IRSHA, BVDU, Pune |
| 36. | RishabhTaneja | Technical Officer, Acumen Life Sciences, Indore, India |
| 37. | SawantTanvi | Technical Officer, Ashwini Pathology Lab, Pune |
| 38. | Sruthy Pillai | RA, InlaksBudhrani Hospital , Pune |
| 39. | KomalAdvani | JRF, Diabetes Research Center, KEM Hospital, Pune |
| 40. | Suryawanshi Prasad | Emcure Pharmaceuticals Ltd., Pune |
| 41. | ShrutiJawale | Ph.D. Scholar, IRSHA, BVDU, Pune |

| | | |
|-----|---------------------------|---|
| 42. | Alok Roy | Senior Marketing Agent, Pune |
| 43. | Yamini Chaudhary | Technical Assistant, Lifecell International, Pune |
| 44. | Priya Jain | Technical officer, KF Biotech, Magarpatta City, Pune |
| 45. | SuyashPawar | Toxindia, Pune |
| 46. | ChiragSenma | Lecturer, Chate School &College, Pune |
| 47. | Belambe Pratik Sanjeev | PhD in Newzealand |
| 48. | Bhatt RimpYRajendra | Senior Chemist, Harmony Organics Pvt Ltd |
| 49. | Chaudhary AmolRajendra | Assistant professor at Pravara Institute of Medical Sciences |
| 50. | Divya Singh | PGT (Biotechnology) at KendriyaVidyalaya |
| 51. | EkandeShrenik | Hemachand Entrepreneurship |
| 52. | JagtapTejashriRajendra | PhD fellow in New Zealand |
| 53. | NaziaAfreem | Data Co-ordinator, Quintiles Technologies India Pvt. Ltd, Bangalore |
| 54. | PriyankaParhi | Project Assistant at Poona College of Pharmacy |
| 55. | BoradeArtiNavnath | L2 Editors, Crest Pre-Media Pvt. Ltd., Pune |
| 56. | ChavanNikhitaDadaso | L2 Editors, Crest Pre-Media Pvt. Ltd., Pune |
| 57. | Fernandes Evangeling | L2 Editors, Crest Pre-Media Pvt. Ltd., Pune |
| 58. | Gadiya Prachi Anil | Quality control analyst at Dairy in Shirampur |
| 59. | Gaonkar Tulsi Bharat | Research Fellow, National Research Center for Grapes, Pune |
| 60. | GurleSharayuSudhakar | JRF, Agri Biotech College, Pune |
| 61. | KadamPriyanka | Quality Control Analyst, Microbiology Dept., CIPLA, Goa |
| 62. | Kreetika Chauhan | L2 Editors, Crest Pre-Media Pvt.Ltd., Pune |
| 63. | Lobo Maryana Francisco | Faculty, Chate Junior College, Pune |
| 64. | MadkaikarRudrakshVasudev | Biocon, Bangalore |
| 65. | MaratheSarika Ashok | Data entry, Optra Technologies, Pune |
| 66. | Mishra PoojaHarishchandra | Research Trainee, IVF Center, Pune |
| 67. | Palande Vikrant Diliprao | SciGenom Labs Pvt Ltd, CSEZ, Kaknad, Cochin, Kerala |
| 68. | PriyaKhetarpal | Project Assistant, Dept. of Plant Biotechnology, RGI, BVDU, Pune |
| 69. | RaneHarshadaVishwanath | Quality Control Analyst, Micro Labs, Indore |
| 70. | Solanki Pushkar Ashok | Biotech Entrepreneur |
| 71. | SushilaChandela | JRF, Bioinformatics Lab, National Center for Cell Science, Pune |
| 72. | UpadhyayNiky | Ph.D. ,University of Maryland, Baltimore, USA |
| 73. | VazeGayatriVishant | Project Assistant, National Institute of Ocenography, Goa |
| 74. | ZeeshanFaiyaz Khan | Entrepreneur |
| 75. | Anubha Vijay Pulwale | Project Assistant, IRSHA, BVDU |
| 76. | BeenishLateef | Ph.D. program in US |
| 77. | Minakshi Nandi | L2 Editors, Crest Pre-Media Pvt. Ltd., Pune |
| 78. | SonalPhadke | L2 Editors, Crest Pre-Media Pvt. Ltd., Pune |
| 79. | Shayantani Biswas | IMS HealthCare, Bangalore |
| 80. | KalyaniNangare | Trainee, Indira IVF Center, Pune |
| 81. | PranotiChavan | Trainee, Indira IVF Center, Pune |
| 82. | Razia Khan | Research Associate, TCS, Mumbai |
| 83. | Sania Patel | Research Associate, TCS, Pune |
| 84. | SonalKatkar | Research Associate, TCS, Pune |

The course curriculum is designed to strengthen the fundamentals in basic subjects and provide hands on practice in all important disciplines of biotechnology. The curriculum also aims in developing scientific thinking, skills to analyze and apply knowledge through projects, industry and field visits and interaction with experts. In addition to core courses the curriculum offers numbers of elective courses. Elective courses are designed for facilitation of placement and redevelopment of technical skills for entrepreneurship/ research. Research being an integral part of biotechnology education, the syllabus also emphasises on project work to give an insight to current in research.

M.Sc. Biotechnology

Semester-wise course information

SEMESTER I

| Course Number | Course Title | Credit Value | # Lec./Week | #Tut./Week | #Lab/Week for EoTE/IA | Weightage | EoTM |
|---------------|--|--------------|-------------|------------|-----------------------|-----------------------|-----------|
| MBT101 | Biological chemistry | 4 | 3 | 2 | - | 0.6/0.4 | Univ. |
| MBT102 | Cell Biology | 4 | 3 | 2 | - | 0.6/0.4 | Univ. |
| MBT103 | Microbiology Basic and Applied | 4 | 3 | 2 | - | 0.6/0.4 | Univ. |
| MBT104 | Biochemistry lab | 3 | - | - | 4 | 0.6/0.4 | Univ. |
| MBT105 | Cell Biology lab | 3 | - | - | 4 | 0.6/0.4 | Univ. |
| MBT106 | Microbiology lab | 3 | - | - | 4 | 0.6/0.4 | Univ. |
| MBT 107 | Elective-I Nutrition & Diet/ Fermentation Technology | 2 | 2 | - | - | Continuous Assessment | Institute |
| MBT 108 | Lab Elective-I | 2 | - | - | 3 | Continuous Assessment | Institute |
| MBT109 | Personality and Communication Skill Development | 2 | 2 | - | - | Continuous Assessment | Institute |
| MBT110 | Group Project | 2 | - | - | - | Continuous Assessment | Institute |

SEMESTER II

| Course Number | Course Title | Credit Value | # Lec./Week | #Tut./Week | #Lab/Week for EoTE/IA | Weightage | EoTM |
|---------------|---|--------------|-------------|------------|-----------------------|------------------|-----------|
| MBT201 | Molecular Biology | 4 | 3 | 2 | - | 0.6/0.4 | Univ. |
| MBT202 | Genetic Engineering & applications | 4 | 3 | 2 | - | 0.6/0.4 | Univ. |
| MBT203 | Immunology | 4 | 3 | 2 | - | 0.6/0.4 | Univ. |
| MBT204 | Molecular Biology Lab | 3 | 4 | 0.6/0.4 | Univ. | | |
| MBT205 | Genetic Engineering Lab | 3 | - | - | 4 | 0.6/0.4 | Univ. |
| MBT206 | Immunology lab | 2 | - | - | 3 | 0.6/0.4 | Univ. |
| MBT207 | Elective-II Virology/Clinical Biochemistry | 2 | 2 | - | - | Cont. Assessment | Institute |
| MBT208 | Lab Elective-II | 2 | - | - | 3 | Cont. Assessment | Institute |
| MBT209 | Technical Writing | 2 | 2 | - | - | Cont. Assessment | Institute |
| MBT210 | Journal club | 2 | - | - | - | Cont. Assessment | Institute |

SEMESTER III

| Course Number | Course Title | Credit Value | # Lec./Week | #Tut./Week | #Lab/Week | Weightage for EoTE/IA | EoTM |
|---------------|---|--------------|-------------|------------|-----------|-----------------------|-----------|
| MBT301 | Environmental Biotechnology | 4 | 3 | 2 | - | 0.6/0.4 | Univ. |
| MBT302 | Plant Biotechnology | 4 | 3 | 2 | - | 0.6/0.4 | Univ. |
| MBT303 | Animal Tissue Culture | 2 | 2 | - | - | 0.6/0.4 | Univ. |
| MBT304 | Human Genetics | 2 | 2 | - | - | 0.6/0.4 | Univ. |
| MBT305 | Environmental Biotech. Lab | 3 | - | - | 4 | 0.6/0.4 | Univ. |
| MBT306 | Plant Biotech. Lab | 3 | - | - | 4 | 0.6/0.4 | Univ. |
| MBT307 | Animal Tissue Culture Lab | 2 | - | - | 3 | 0.6/0.4 | Univ. |
| MBT308 | Genetics Lab | 2 | - | - | 3 | 0.6/0.4 | Univ. |
| MBT309 | Elective-III Floriculture/Food Biotechnology | 2 | 2 | - | 3 | Cont. Assessment | Institute |
| MBT310 | Lab Elective-III | 2 | - | - | 3 | Cont. Assessment | Institute |
| MBT311 | Special Topics | 2 | 2 | - | - | Cont. Assessment | Institute |
| MBT312 | Research Methodology | 2 | 2 | - | - | Cont. Assessment | Institute |

SEMESTER IV

| Course Number | Course Title | Credit Value | # Lec./Week | #Tut./Week | #Lab/Week | Weightage for EoTE/IA | EoTM |
|---------------|---|--------------|-------------|------------|-----------|-----------------------|-----------|
| MBT401 | Specialization Subject* | 4 | 3 | 2 | - | 0.6/0.4 | Univ. |
| MBT402 | Practical Course in Specialization Subject | 3 | - | - | 4 | 0.6/0.4 | Univ. |
| MBT403 | Biostatistics | 2 | 2 | - | - | 0.6/0.4 | Univ. |
| MBT404 | Bioinformatics | 2 | 2 | - | - | 0.6/0.4 | Univ. |
| MBT405 | Biostatistics & Bioinformatics Lab | 2 | - | - | 3 | 0.6/0.4 | Univ. |
| MBT406 | Project | 10 | - | - | - | 0.6/0.4 | Univ. |
| MBT407 | Elective-IV Plant breeding & Methodology/Nano-biotechnology | 2 | 2 | - | - | Cont. Assessment | Institute |
| MBT408 | Lab Elective-III | 2 | - | - | 3 | Cont. Assessment | Institute |

***Titles of Specialization subjects proposed in Semester IV:**

1. Enzymology and its industrial applications
2. Animal cell culture applications
3. Pharmaceutical and medical microbiology
4. Herbal biotechnology

Total Credits offered in all four semesters: 114 (91 Core and 23 Elective)

M.Sc. MEDICAL BIOTECHNOLOGY

Semester-wise course information

SEMESTER I

| Course No. | Description | Title | Credits | IA | Univ. Exam |
|------------|------------------------|--------------------------------------|---------|----|------------|
| MedBT 101 | Core Course-Theory | Microbiology | 3 | 40 | 60 |
| MedBT 102 | Core Course –Theory | Biochemistry | 3 | 40 | 60 |
| MedBT 103 | Core Course –Theory | Cell & Developmental Biology | 3 | 40 | 60 |
| MedBT 104 | Core Course –Theory | Genetics | 3 | 40 | 60 |
| MedBT 105 | Core Course –Theory | Molecular Biology | 3 | 40 | 60 |
| MedBT 106 | Core Course –Practical | Biochemistry & Molecular Biology Lab | 4 | 40 | 60 |
| MedBT 107 | Core Course –Practical | Cell Biology & Genetics Lab | 4 | 40 | 60 |
| MedBT 108 | Core Course –Practical | Microbiology Lab | 2 | 40 | 60 |

Total Credits offered in Sem I: 27

SEMESTER II

| Course No. | Description | Title | Credits | IA | Univ. Exam |
|------------|-------------------------|--|---------|-----------------------|------------|
| MedBT 201 | Core Course –Theory | Genetic Engineering | 3 | 40 | 60 |
| MedBT 202 | Core Course –Theory | Analytical Biotechnology | 3 | 40 | 60 |
| MedBT 203 | Core Course –Theory | Immunology | 3 | 40 | 60 |
| MedBT 204 | Core Course –Theory | Genomics & Proteomics | 3 | 40 | 60 |
| MedBT 205 | Core Course - Theory | Nanobiotechnology | 2 | 40 | 60 |
| MedBT 206 | Core Course -Theory | Human Physiology | 3 | 40 | 60 |
| MedBT 207 | Core Course –Practical | Genetic Engineering and Genome Analysis Lab | 4 | 40 | 60 |
| MedBT 208 | Core Course –Practical | Analytical Techniques and Protein Analysis Lab | 4 | 40 | 60 |
| MedBT 209 | Core Course - Practical | Immunology & Nanobiotechnology Lab | 4 | 40 | 60 |
| MedBT 210 | Elective Course I | Elective Bioentrepreneurship/ Fermentation Technology | 2 | Continuous Assessment | |

Total Credits offered in Sem II: 31

Elective Courses in Sem II: 1) MBT 210: Elective Open Course II;

Option I: Bioentrepreneurship, Option II: Fermentation Technology

SEMESTER III

| Course No. | Description | Title | Credits | IA | Univ. Exam |
|------------|-----------------------|--|---------|----|------------|
| MedBT 301 | Core Course –Theory | Animal Tissue Culture & Stem Cell Biology | 3 | 40 | 60 |
| MedBT 302 | Core Course –Theory | Medical Biochemistry Biochemistry & Drug Discovery | 3 | 40 | 60 |
| MedBT 303 | Core Course –Theory | Infectious Diseases | 3 | 40 | 60 |
| MedBT 304 | Core Course –Theory | Pharmaceutical Biotechnology & Molecular Diagnostics | 3 | 40 | 60 |
| MedBT 305 | Core Course-Theory | Biostatistics | 2 | 40 | 60 |
| MedBT 306 | Core Course-Practical | ATC & Pharma Biotech Lab | 4 | 40 | 60 |
| MedBT 307 | Core Course-Practical | Infectious Diseases & Biostatistics Lab | 4 | 40 | 60 |
| MedBT 308 | Core Course-Practical | Medical Biochemistry & Drug Discovery Lab | 2 | 40 | 60 |
| MedBT 309 | Elective Course II | Biomedical Waste Management/IPR/ Drug designing | 2 | 40 | 60 |

Total Credits offered in Sem III: 26

Elective Courses in Sem III: 1) MedBT 308: Elective Open Course III; Option I: Biomedical waste Management
Option II: IPR & Biosafety, Option III: Drug designing

SEMESTER IV

MBT 401: Project Dissertation: 20 Credits

Total Credits Offered: 25 C,

Sem I+ 31 C, Sem II +26 C, Sem III+ 20C, Sem IV = 102 C

M.Sc. BIOINFORMATICS

Semester-wise course information

SEMESTER I

| Course Number | Course Title | Credit Value | # Lec./Week | #Tut./Week | #Lab/Week | Weightage for EoTE/IA | EoTM |
|-----------------------|---|--------------|-------------|------------|-----------|-----------------------|------------|
| MBI 101 | Basic Biosciences | 4 | 3 | 1 | - | 0.6/0.4 | University |
| MBI 102 | C programming & Data structure | 4 | 3 | 1 | - | 0.6/0.4 | University |
| MBI 103 | Bio-computing and DBMS | 4 | 3 | 1 | - | 0.6/0.4 | University |
| MBI 104 | Essential Biomathematics | 2 | 1 | 1 | - | 0.6/0.4 | University |
| MBI 105 | Biostatistics | 2 | 1 | 1 | - | 0.6/0.4 | University |
| MBI 106 | Biological Informatics | 4 | 3 | 1 | - | 0.6/0.4 | University |
| MBI 107 Elective I | Bio-physics/ Metabolomics | 2 | 1 | 1 | - | Continuous Assessment | Institute |
| MBI 108 | Basic Biosciences Lab I | 2 | - | - | 2 | 0.6/0.4 | University |
| MBI 109 | C programming and Data structure Lab II | 2 | - | - | 2 | 0.6/0.4 | University |
| MBI 110 | Bio-computing, DBMS and Biostatistics Lab III | 2 | - | - | 2 | 0.6/0.4 | University |
| MBI 111 | Biological Informatics Lab IV | 2 | - | - | 2 | 0.6/0.4 | University |

SEMESTER II

| Course Number | Course Title | Credit Value | # Lec./Week | #Tut./Week | #Lab/Week | Weightage for EoTE/IA | EoTM |
|---------------------------|--|--------------|-------------|------------|-----------|-----------------------|------------|
| MBI 201 | Java and Biojava Programming | 4 | 3 | 1 | - | 0.6/0.4 | University |
| MBI 202 | Structural Biology & Molecular Modeling | 4 | 3 | 1 | - | 0.6/0.4 | University |
| MBI 203 | Genomics & Proteomics | 4 | 3 | 1 | - | 0.6/0.4 | University |
| MBI 204 | Perl & Bioperl Programming | 4 | 3 | 1 | - | 0.6/0.4 | University |
| MBI 205 Elective II | Bio-ethics & IPR/ Immuno-informatics | 2 | 1 | 1 | - | Continuous Assessment | Institute |
| MBI 206 Elective III | Software Engineering / Emerging Trends in IT | 2 | 1 | 1 | - | Continuous Assessment | Institute |
| MBI 207 | Java and Biojava Programming Lab V | 2 | - | - | 2 | 0.6/0.4 | University |
| MBI 208 | Structural Biology & Molecular Modeling Lab VI | 2 | - | - | 2 | 0.6/0.4 | University |
| MBI 209 | Genomics & Proteomics Lab VII | 2 | - | - | 2 | 0.6/0.4 | University |
| MBI 210 | Perl and Bioperl Programming Lab VIII | 2 | - | - | 2 | 0.6/0.4 | University |
| MBI 211 Elective Lab I | HTML and XML/ Introduction to Python Lab IX | 2 | - | - | 2 | 0.6/0.4 | University |

SEMESTER III

| Course Number | Course Title | Credit Value | # Lec./Week | #Tut./Week | #Lab/Week | Weightage for EoTE/IA | EoTM |
|----------------------------|--|--------------|-------------|------------|-----------|-----------------------|------------|
| MBI 301 | Scientific Writing Skills | 2 | 1 | 1 | - | Continuous Assessment | Institute |
| MBI 302 | Cheminformatics & Drug Design | 4 | 3 | 1 | - | 0.6/0.4 | University |
| MBI 303 | Biological Data Mining | 4 | 3 | 1 | - | 0.6/0.4 | University |
| MBI 304 | Systems Biology | 4 | 3 | 1 | - | 0.6/0.4 | University |
| MBI 305 Elective IV | Recent trends in Bioinformatics/ Commercial Bioinformatics | 4 | 3 | 1 | - | 0.6/0.4 | University |
| MBI 306 Elective V | Bio-diversity Informatics/ Artificial Bio-intelligence | 2 | 1 | 1 | - | Continuous Assessment | Institute |
| MBI 307 | Cheminformatics & Drug Design Lab X | 2 | - | - | 2 | 0.6/0.4 | University |
| MBI 308 | Biological Data Mining Lab XI | 2 | - | - | 2 | 0.6/0.4 | University |
| MBI 309 | Systems Biology Lab XII | 2 | - | - | 2 | 0.6/0.4 | University |
| MBI 310 Elective Lab II | Recent trends in Bioinformatics / Commercial Bioinformatics Lab XIII | 2 | - | - | 2 | 0.6/0.4 | University |

SEMESTER IV

| Course Number | Course Title | Credit Value | # Lec./Week | #Tut./Week | #Lab/Week | Weightage for EoTE/IA | EoTM |
|---------------|--------------|--------------|-------------|------------|-----------|-----------------------|------------|
| MBI 401 | Project | 12 | - | - | 12P | - | University |

Total Credits offered in all Four Semester : 100

PROCEDURE AND RULES FOR ADMISSION

1 ENTRANCE TEST - GENERAL INSTRUCTIONS, TERMS AND CONDITIONS:

- 1.1 **MBT (M. Sc. Biotechnology) 2018** is a ranking examination for admission to **M. Sc. Biotechnology / M. Sc. Medical Biotechnology / M. Sc. Bioinformatics post graduate programmes for 2018-19** academic session.
- 1.2 Applicant may kindly note that mere appearance in the entrance test and inclusion of name in the merit list does not confer any automatic rights to secure admission to the programme offered by the institute. The selection and admission to the programme is subject to fulfilling the admission criteria, eligibility, and any such criteria as may be prescribed by the University and availability of seats to the particular programme and institute at the time of counseling.
- 1.3 Applications of candidates producing false or fabricated information will not be considered
- 1.4 Before initiating registration process, candidates should go through the Information brochure carefully for eligibility criteria, and pattern of examination etc. The information brochure shall be available at www.bvuniversity.edu.in
- 1.5 Incomplete online application, if not in accordance with instructions, will not be considered and processed. Applicant should carefully fill up all the fields during online application process and complete the payment process. Application once submitted finally, cannot be withdrawn/modified.
- 1.6 The entrance test fee, once paid, will not be refunded under any circumstances. Candidates who remain absent for the entrance test will forfeit their entrance test fee.
- 1.7 The Information brochure is subject to modification without notice, please check the website regularly for updations, if any.
- 1.8 The authorities of the institution reserves the right to withdraw permission, if any, granted inadvertently to any candidate who is not eligible to appear in the entrance test even though Admit card/Registration number has been issued.
- 1.9 The Admissions provided to candidates based on the result of the entrance test will be purely provisional and subject to the fulfillment of eligibility criteria as mentioned in the Information brochure.
- 1.10 Under no circumstance a change in examination centre once selected by the candidate will be allowed.
- 1.11 Candidates **MUST** bring the following documents to the test centre– (a) Printed copy of Admit Card (b) Any one of the authorized photo IDs (must be original, valid and non-expired): Aadhaar Card /PAN card/Driving license/Voter ID/Passport.
The name on the photo identification must match with the name as shown on the Admit card. Candidate reporting to test center without the above said requisite documents shall not be allowed to appear for the entrance test.
- 1.12 All the correspondence should preferably be addressed by e-mail. The e-mail query shall be addressed only if it is not anonymous and not vague.
- 1.13 Candidates are deemed to have read, agreed and accepted the terms and conditions in the Information brochure and on completing the registration/application form for the entrance test.
- 1.14 In case differences of opinion or any ambiguity in interpretation and implementation of any of the instructions /terms/rules/criteria regarding the determination of eligibility/conduct of examinations/registration of candidates / information contained herein, the same shall be referred to the Vice Chancellor of the Bharati Vidyapeeth (Deemed to be University) and his decision shall be final and binding on all concerned.
- 1.15 Any legal matters arising out of the total admission process through the All India Common Entrance Test of Bharati Vidyapeeth (Deemed to be University), Pune – 30 i.e. **MBT (M. Sc. Biotechnology) 2018**, shall be within the exclusive jurisdiction of competent courts at Pune, Maharashtra State only.

2. GENERAL

The information and the rules given here in are applicable for admissions to the first year of **two** years full time **Master of Biotechnology(M. Sc. Biotechnology)under graduate degree programme** of Bharati Vidyapeeth (Deemed to be University), Pune.

The seats will be filled on merit, based on their performance in "**MBT (M. Sc. Biotechnology) 2018 Test**", conducted by Bharati Vidyapeeth (Deemed to be University) at the designated centers.

INTAKE CAPACITY:

| Course | M. Sc Biotechnology | M. Sc Medical Biotechnology | M. Sc Bioinformatics |
|-------------|---------------------|-----------------------------|----------------------|
| Total Seats | 60 | 20 | 20 |

Note :

1. Out of the sanctioned intake, in each course 15% seats are reserved for Foreign / N.R.I. / P.I.O. /OCI/ Institutional Quota Merit Category. Candidates desirous of getting admission under the Foreign / N.R.I. / P.I.O. /OCI/ Institutional Quota Merit category will have to apply separately on a prescribed application form and submit the same to "**The Registrar, Bharati Vidyapeeth (Deemed to be University) Pune**". The form fee for this category is **Rs. 1000/- (non-refundable)**. Seats remaining vacant after allotment to Foreign/NRI/PIO/OCI students (based on merit), will be allotted to Indian students under Institutional Quota on the basis of merit based on the marks obtained by them in "**MBT (M. Sc. Biotechnology) 2018** entrance test. The last Date for submission of the form to this category is **14th June 2018 before 5.00 p.m.**

3 ELIGIBILITY

- 3.1 The candidate must be an Indian National.
- 3.2 **For M.Sc. Biotechnology** : The candidate should have passed B.Sc. from any recognised university or its equivalent examination in any of the subjects, Biotechnology / Microbiology / Biochemistry / Agriculture / Life Sciences / Chemistry /Zoology / Botany with minimum 50% marks in the respective subjects. (45% in case of SC / ST).
- 3.3 **For M.Sc. Medical Biotechnology** : The candidate should have passed B.Sc. from any recognized university or its equivalent examination in any of the subjects, Biotechnology / Biochemistry / Zoology / Microbiology /Botany / Chemistry /Pharmacy/Medicine including homeopathy and Ayurveda/ Veterinary science with minimum 50% (45% in case of SC / ST) aggregate marks in graduation.
- 3.4 **For M.Sc. Bioinformatics**: The candidate should have passed B.Sc. Bachelor's degree in any discipline of science & technology with minimum 50% (45% in case of SC / ST) aggregate marks from any recognized university.

4. BASIS OF SELECTION FOR ADMISSION

- 4.1 A Candidate desirous of seeking admission to **M. Sc. Biotechnology/M. Sc Medical Biotechnology / M.Sc. Bioinformatics Programme** should fulfill the minimum eligibility condition as stated in point no. 3 above the final admission will be offered based solely on the merit obtained at the all India entrance test "**MBT (M. Sc. Biotechnology) 2018** conducted by Bharati Vidyapeeth (Deemed to be University),Pune.
- 4.2 He / She must have appeared for the "**MBT (M. Sc. Biotechnology) 2018** Test, conducted by Bharati Vidyapeeth (Deemed to be University), Pune at designated centres.
- 4.3 The Candidate shall be offered admission on the basis of his/her rank in the final merit list and availability of

the seats for a particular programme at a particular Institute of the candidate's choice at the time of counseling and admission in the concerned Institute. Mere appearance in the entrance test and inclusion of name in the merit list does not confer any automatic rights to secure admission to the programme offered by the institute. The selection and admission to the programme is subject to fulfilling the eligibility criteria.

- 4.4 In case two or more candidates obtaining equal marks in the "**MBT (M. Sc. Biotechnology) 2018**" the inter-se-merit of such candidates shall be determined in order of preference as under:
1. Candidate obtaining higher marks in Biology (Botany & Zoology) in the entrance examination, if equal
 2. Candidate obtaining higher marks in Chemistry in the entrance examination, if equal
 3. Candidate obtaining higher total marks in subjects of Biology, Chemistry, Physics in the 12th standard qualifying examination. (Such a tie will be settled at the time of counselling), if equal
 4. Candidate obtaining higher percentage of total marks in the 10th standard examination, if equal
 5. In case of tie at this level, computerised random selection of candidate will be carried out.

5. NATURE OF ENTRANCE TEST "**MBT (M. Sc. Biotechnology) 2018**"

All candidates desirous of taking admission for **M. Sc. Biotechnology Programme must appear for MBT (M. Sc. Biotechnology) 2018**

5.1 The entrance test "**MBT (M. Sc. Biotechnology) 2018**" for admission to **M. Sc. Biotechnology Programme** will consist of in all 100 marks.

The "**MBT (M. Sc. Biotechnology) 2018**" will consist of one question paper, set in English and will contain 100 multiple choice objective-type questions. These questions will be based on the syllabus mentioned in **Annexure I**. Equal weightage will be given for all subjects prescribed in the syllabus. It consists of 100 multiple choice questions, one mark each with four alternatives, with only one correct or most appropriate answer. One Mark will be awarded for each correct answer. There is no negative marking.

6. ENTRANCE TEST SCHEDULE AND ADMIT CARDS:

The entrance test "**MBT (M. Sc. Biotechnology) 2018**" will be conducted on **18th June 2018 from 11.00 a.m. to 12.30 p.m.** The candidates have to be present at the centre of the examination at 10.30 a.m. positively.

Admit card will be available online to candidates after successfully filling up the online application form and payment of the entrance test fee. Candidates are required to download and print a copy of the admit card.

Candidates **MUST** bring the following documents to the test centre -

(a) Printed copy of Admit Card

(b) Any one of the authorized photo IDs (must be original, valid and non-expired): Aadhaar Card /PAN

card/Driving license/Voter ID/Passport. The name on the photo identification must match with the name as show on the Admit card.

Candidate reporting to test center without the above said requisite documents shall not be allowed to appear for the entrance test.

7. TEST CENTRES:

The list of cities where the entrance examination centres are located is as below :

| City | No. |
|-------------|-----|
| Pune | 01 |
| New Delhi | 02 |
| Navi Mumbai | 03 |

- 7.1 Candidates shall appear at the examination centre as shown on their Admit Cards.
- 7.2 Candidates have the option of selecting their city to appear for the entrance examination during filling up of online application form.
- 7.3 Candidates are advised to familiarize themselves with the route and location of the examination centre.
- 7.4 Only registered candidates with valid admit card and identity card will be allowed at the examination centre
- 7.5 The candidates must reach the test centre at least 30 minutes prior to the commencement of test on the day of the entrance test.
- 7.6 Candidates will not be allowed to take the following items inside the examination center under any circumstances: electronic devices such as mobile phone, earphones, bluetooth, Electronic Pen/Scanner, digital wrist bands connected to phones etc., or any other items that can be used for unfair means.
- 7.7 The authorities of Bharati Vidyapeeth (Deemed to be University) however reserve the right to make suitable changes in the centre venue or schedule of the entrance test.

8. ENTRANCE TEST FEE:

8.1 Entrance test fee: Rs 1,450 /-

- 8.2 The entrance test fee shall be paid through payment gateway using internet banking mode or through debit/credit card. Service charges and other taxes for transaction as applicable by bank has to be paid by the applicant.
- 8.3 The entrance test fee, once paid, will not be refunded under any circumstances. Candidates who remain absent for the entrance test will forfeit their entrance test fee.

9. APPLICATION PROCEDURE:

A candidate desirous of appearing for the "MBT (M. Sc. Biotechnology) 2018" entrance test is required to complete the prescribed online application form and submit to the University along with entrance test fee.

The application form is available online at: www.bvuniversity.edu.in

The candidates should strictly follow the instructions given in the website while filling up the application form online, and must read the instructions carefully before filling up the online application form. Instructions are mentioned at 'Registration Guide' menu which is available on website. Before filling up the application form online, candidates should:

- a) Create their login credential
- b) Have a scanned image of their recent passport size photograph (Refer to guidelines mentioned on the Website)
- c) Have a scanned image of their signature, ready before filling up the online application form.
- d) Read the procedure and guidelines for online payments of test fee which is to be made through Credit Card / Debit Card/ Internet Banking. (Refer to guidelines, terms and conditions for using online payment mentioned on the website)

The candidate may then proceed to fill the form and submit the completed application form. The candidate should take a print of payment receipt and completed application form for reference and as a record.

Candidates should submit the completed online application form on or before the last date mentioned in the website. (See "Important dates" in the brochure.)

Candidates are required to download and print a copy of the admit card after completion of the online application process.

In case admit cards are not available online immediately after completion of online application, the candidates will be informed through email about the date of availability of admit card at the website.

Candidate should ensure that all information entered during the online application process is correct.

Applications of candidates producing false or fabricated information will not be considered.

The authorities of the University do not edit /modify/alter any information entered by the candidates at the time of online application process under any circumstances. Any request for change in information thereafter will not be entertained.

For any queries related to filling online application form, Email to : cet@bharatividyaapeeth.edu

10. INSTRUCTIONS REGARDING TEST BOOKLET AND ANSWER SHEET: (WRITTEN TEST)

The candidate will be provided with a sealed Test Booklet with an answer sheet.

During the written test, candidates will be provided with a sealed test booklet and an answer sheet. Candidates have to fill the information regarding name, roll no, centre code and center of examination on the test booklet without opening the seal of the test booklet. The test booklet consist of 100 questions each with four alternatives. Candidates are advised not to open/ break the seal of the booklet before they are instructed to do so.

The candidates have to fill in information using a ball point pen neatly and accurately on the front side of the answer sheet and follow all instructions given. Candidates must ensure that they fill in their names, roll no, test form no and center, correctly on side 1 (front side) of the answer sheet. The answer sheet must be signed by the candidate and the invigilator. If any of the above information is missing, the answer sheet will be treated as incomplete and will not be

processed further. The candidates have to mark only one option for each question on side 2 (back side) of the answer sheet. Candidates must not fold and should not make any stray marks on the answer sheet.

The test booklet and answer sheet must be submitted to the invigilator in the stipulated time of the entrance test. If the test booklet and answer sheet is not submitted to the invigilator, the candidate will be treated as absent for the entrance test.

Rough Work

The candidate will not do any rough work or writing work on the answer sheet. All rough work is to be done in the Test Booklet itself.

11. DECLARATION OF RESULT:

The combined merit list of "**MBT (M. Sc. Biotechnology) 2018** (Based on 100 marks) will be declared on **23rd June 2018 after 5.00 p.m.**

The combined merit list for all the institutes together will be declared. Separate merit list will be prepared for Regular category and Foreign/NRI/PIO/OCI/ Institutional Quota Merit Category.

The merit list of "**MBT (M. Sc. Biotechnology) 2018** entrance test will be declared and displayed at all the Colleges of Bharati Vidyapeeth (Deemed to be University) and will also be displayed on its website **www.bvuniversity.edu.in**

It is not possible to send individual invitation for counselling to the candidates. It shall be the responsibility of the individual candidate to see their own merit number and appear for the counselling at the centre of his/her choice as per schedule given in point No. 12.

12. COUNSELING AND SPOT ADMISSIONS:

The counselling and on the spot admissions session will be held at centers as per the following schedule.

| Date | Course | Category | Merit No. | Time |
|----------------|--|---|-----------|-----------------------|
| 29th June 2018 | M.Sc.Biotechnology Medical Biotechnology/ Bioinformatics | Regular Merit | All | 10.00 a.m. onwards |
| 29th June 2018 | M.Sc.Biotechnology Medical Biotechnology/ Bioinformatics | Foreign/NRI/PIO/ OCI/ Institutional Quota Merit | All | 2.00 p.m. onwards |

The candidate must report for counselling at 10.00 a.m. only, on the date of the counselling at the respective centers.

FAILURE TO REPORT FOR COUNSELLING ON THE SCHEDULED DATE AND TIME WILL RESULT IN INSTANTANEOUS CANCELLATION OF A CLAIM OF THE CANDIDATE TO THE SEAT.

The candidate must note that appearance for the examination and inclusion of name in the merit list does not necessarily mean that he/she will get admission to the institute & course. The admission will depend upon the availability of seats to the particular programme and institute at the time of his counselling.

It shall be candidates responsibility to see the result "**MBT (M. Sc. Biotechnology) 2018**" and confirm their merit no. The candidate should remain present for counselling as per the schedule.

Individual counselling letters are not going to be sent. The candidate should attend counselling & on the spot admissions on their own as per the schedule given. The candidate should bring along with them proof of having appeared for the "**MBT (M. Sc. Biotechnology) 2018**" test such as Admit Card & or photo copy of application form / D.D. etc.

The candidate will be offered a seat in the Institute of their choice and course as per the combined merit list prepared by Bharati Vidyapeeth (Deemed to be University), Pune for all the colleges and all the courses. The candidate will be called for counselling as per their merit number and will be offered a seat as per availability of the seat in the particular Institute and particular programme.

12.2 The following certificates in original along with self-attested two copies each of the same are to be submitted at the time of counselling and on the spot admission.

- (a) Your letter for Counseling
- (b) For a Proof of date of Birth : SSC Certificate or School/College Leaving
- (c) Certificate of Domicile/Nationality Certificate
- (d) Statement of marks of B.Sc. examination (All three years)
- (e) Transfer Certificate from the Institution in which you had studied last.
- (f) Migration Certificate
- (g) Character Certificate from a responsible person.
- (h) Certificate of Medical Fitness.
- (i) Gap Certificate (If applicable)
- (j) Six recent passport-size photographs with your names written on backside.
- (k) Self attested copies of First & Last page of ration card / latest telephone bill for proof of permanent address.
- (l) Caste Certificate (for SC/ST only)
- (m) Caste Validity Certificate (for SC/ST only)

12.3 After scrutiny of their certificates, the candidates are offered admission according to their rank and availability of seats.

13. Fee Structure

The fees to be paid per annum for the **M. Sc. Biotechnology** Programme at respective Colleges –

| Course | Regular Merit Category | Institutional Quota Merit Category | Foreign /NRI/PIO/ OCI Merit Category |
|-----------------------------|------------------------|------------------------------------|--------------------------------------|
| M. Sc Biotechnology | ₹ 1,00,000/- | ₹ 1,25,000/- | US\$ 6000 |
| M. Sc Bioinformatics | ₹ 1,00,000/- | ₹ 1,25,000/- | US\$ 6000 |
| M. Sc Medical Biotechnology | ₹ 1,00,000/- | ₹ 1,25,000/- | US\$ 6000 |

Note :

* The Fees are subject to change. Any changes in the fee structure will be informed to the candidates before counselling and admission process.

Mode of Payment of Fees shall be as given below

The fee is to be paid through Bank Draft of any Nationalized bank drawn in the name of “**The Registrar, Bharati Vidyapeeth Deemed University, Pune payable at Pune**”.

If a candidate fails to confirm admission given to him/her, the same shall stand cancelled and the resultant vacancy will be offered to the next eligible candidate from the list. However, if candidate is unable to report in person, he /she can depute a representative with an authority letter signed by the candidate (appended in this brochure) along with requisite documents under sec. 12 above and Demand Draft of fees.

There are a few seats available in the hostel which will be allotted on first come first served basis.

Those who are desirous of getting admission to the hostel will be required to pay the entire amount of rent for the year as well as the mess charges for the entire academic year at the time of admission only. The details of hostel fees will be given in counselling letter. The payment for the hostels should be made by separate Demand Draft.

14. REFUND OF FEE:

Rules regarding cancellation of admission and refund of fee will be as per UGC norms and as per the directives given by Hon'ble Supreme Court of India; kindly, refer to the Notice Board at the time of counselling.

15. CONDUCT AND DISCIPLINE:

If any student is found indulging in anti national activities, or in activities that run contrary to the letter and spirit of the provisions of Acts and Laws enforced by the Government, or any activity that causes his/her behavior to be contrary to rules of discipline, will be liable to be expelled from the College forthwith without any notice by the Principal of the College.

If any of the statements made in application form or any information supplied by the candidate in connection with his/her admission is, at any time, found to be false or incorrect and willful suppression of facts, his/her admission will be cancelled forthwith. The fees will be forfeited and he/she may be expelled from the College by the Principal and prosecuted, if deemed necessary.

Each of the candidates seeking admission in the institute is required to give the following undertaking at the time of admission:-

- A) " I have read all the Rules of Admission for the current year and after fully understanding these rules, I have filled in this application form for admission for the current year.

- B) The information given by me in my application is true to the best of my knowledge and belief.
- C) I have not been debarred from appearing at any examination conducted by any Government constituted or Statutory autonomous examination authority in India.
- D) I fully understand that the Director of the Institute will have right to expel, rusticate me from the Institution for any infringement of the Rules of good conduct and discipline in general and particularly the ones referred to above and the rules of good conduct and discipline prescribed by the Institute/ University and in the undertaking given above."

16. MISCELLANEOUS:

The candidates are informed that the medium of instruction, for all programmes is English.

At the time of seeking admissions, a candidate will be provisionally admitted to Programme at the Institute subject to the production of the Provisional Eligibility Certificate from the University.

The Institution shall have the right to satisfy about the conduct and character of a candidate by verifying antecedents of a candidate through the appropriate police-authority, before admitting him/her to the Institution.

The Attention of the candidates is particularly invited to the provisions of rules regarding the eligibility of candidates for admission to the "**MBT (M. Sc. Biotechnology) 2018** Programme. If at any stage it is found that a candidate is not eligible either for admission to "**MBT (M. Sc. Biotechnology) 2018** Programme, his/her candidature and admission even if granted provisionally will be cancelled forthwith.

Differences of opinion and disputes arising in the interpretation and implementation of the clauses in this Brochure, if any, will be referred to the Vice-Chancellor of the Bharati Vidyapeeth (Deemed to be University), Pune and his decision shall be final and binding on all the concerned.

SYLLABUS FOR ENTRANCE EXAMINATION MBT-2017

Students appearing for the entrance examination for admission to M.Sc. Biotechnology/M.Sc. Medical Biotechnology/M.Sc. Bioinformatics, should be thorough with the syllabus studied at Bachelor's level. The syllabus given below may be followed as a general guideline for the entrance test. A brief outline of the subject-wise topics is as follows:

BOTANY :

Botanical Nomenclature; Classification; Taxonomy; Plant development; Embryogenesis; Types of plant reproduction; Methods of plant improvement; Plant cell biology; Plant genetics; Mutations and Polyploidy; Mendel's experiments and principles of inheritance; Multiple allelism; Quantitative Genetics; Linkage and recombination; Cytoplasmic inheritance; Alterations in genetic make-up: Change at genetic level and in chromosome structure; General account of plant pathogens; Pathogen attack and defense mechanism; Plant disease epidemiology; Plant disease management; Principles of plant protection; Molecular plant pathology; Air-borne biological materials; Analysis of aerospora; Plant genomes; Plant genetic engineering; Plant tissue culture; Fermentation technology; Bio-fuels.

CELL BIOLOGY & MOLECULAR BIOLOGY

Classification of animals, invertebrates and vertebrates

Structure of prokaryotic and eukaryotic cell, cell organelles, membrane structure and function, cytoskeleton, cell cycle, nucleic acids properties and functions, genetic code, replication, Transcription, Translation; Genetic code; DNA damage and repair. Recombinant DNA technology and Molecular Biology techniques:- Dot-blot hybridization, PCR, Finger printing RFLP, Genome mapping, in-situ hybridization; Animal and plant cell culture:- Techniques and applications; Vaccines; Media for industrial fermentations; Strain improvement; Recovery and purification of fermentation products; Different types of bioreactors; Bio-inoculants; Fermentation processes.

BIOCHEMISTRY :

Compounds of carbon; Functional groups and their chemistry; Macromolecules:-carbohydrates, lipids, proteins; Enzymes; Vitamins; Concept of molecular weight, molecular mass, their related units; Standard solutions:- Normality, Molarity, pH-calculations; Buffers; Water; Osmosis; Osmotic pressure; Hypertonic-hypotonic-Isotonic solutions; Density gradient; Basics of plant and animal cell:-their structure-function relationships; Basic concepts related to instruments like pH meter, spectrophotometer; Concepts related to potential difference, potential gradient, electrochemical cell, emf.

MICROBIOLOGY :

General properties and principles of classification of actinomycetes, bacteria, fungi and viruses; Bacterial structure: Nutrition, overview of metabolism, Virus diversity; Virus replication cycle; Medically important bacteria: Staphylococci, Enterobacteria, *Clostridium*, *Pseudomonas* etc ; Epidemiology and public health; Antimicrobials and their mode of action; Principles of microscopy : Types of Microscopes: Bright field, Dark field, Phase contrast ; Antigen-antibody structure, functions and reactions; Innate and adaptive immunity; Organs and cells of immune system; Transformation; Transduction; Conjugation; Plasmids; Industrial Microbiology: Introduction to fermentation process; Preservation and importance of industrially important micro-organisms; Strain Improvement; Media for industrial fermentations; Inoculum development; Bioinoculants; Fermentor design; Instrumentation and control; Types of Bioreactors; Aeration and agitation; Recovery and purification of fermentation products; Effluent treatment; Recombinant DNA Technology: Basic principles of gene cloning; Vectors for gene cloning: plasmids and bacteriophages; DNA modification enzymes; Purification of DNA from living cells; Introduction of DNA into living cells; Techniques use in RDT; Cloning vectors for *E.coli*.

BIOINFORMATICS:

Basic of Bioinformatics, Basic of Computer, Introduction to Programming Languages

AUTHORISATION FOR REPRESENTATIVE

I, , son /daughter of
..... , being unable to attend the counselling
session for admission to the M.Sc Biotechnology / M.Sc. Bioinformatics / M.Sc. Medical Biotechnology courses
in Bharati Vidyapeeth (Deemed to be University) Rajiv Gandhi Institute of IT & Biotechnology , Pune on
..... hereby authorise son/daughter of
.....

whose photograph is affixed below and who will sign as shown below, to represent me at the counselling and
on-the-spot-admission. I hereby declare that the choice of course made by this authorised representative will be
irrevocable and that it will be final and binding on me. This authorised representative will present all the
necessary documents, pay the appropriate fees and complete all the necessary formalities on my behalf.

Name of the candidate:.....

(IN CAPITAL LETTERS)

Seat No.(ET-MBT -2018 Examination):.....

Place:.....

Date:.....

Reason for absence:.....

Specimen signature of the Representative

Signature of the Candidate

A recent passport size
photograph of the
representative should
be affixed here.

A recent passport size
photograph of the
candidate should
be affixed here.

IMPORTANT NOTICE

The students and the parents will have to submit the printouts of antiragging undertaking online on the following websites

website 1: www.antiragging.in

2: www.amanmovement.org

This has to be submitted immediately after the conformation of the admission.

Note :

As per the directions of Hon'ble Supreme Court of India Order No. SLP(C) No. 24295/2004 and SLP No. 143656/2005, WP (C) No. 173/2006 and SLP(C) No. 24296-24299/2004 all the students are hereby informed the following.

"If any incidents of ragging comes to the notice of the authority, the concerned students shall be given liberty to explain and if his explanation is not found satisfactory the authority would expel him from the institution."

All the students should note the above directives from the Supreme Court.

Registrar
Bharati Vidyapeeth
(Deemed to be University)

ANSWERS

| | | | | | | | | | | | | | | | | | | | |
|----|---|---|---|---|-----|---|---|---|---|-----|---|---|---|---|-----|---|---|---|---|
| 1 | A | B | C | D | 51 | A | B | C | D | 101 | A | B | C | D | 151 | A | B | C | D |
| 2 | A | B | C | D | 52 | A | B | C | D | 102 | A | B | C | D | 152 | A | B | C | D |
| 3 | A | B | C | D | 53 | A | B | C | D | 103 | A | B | C | D | 153 | A | B | C | D |
| 4 | A | B | C | D | 54 | A | B | C | D | 104 | A | B | C | D | 154 | A | B | C | D |
| 5 | A | B | C | D | 55 | A | B | C | D | 105 | A | B | C | D | 155 | A | B | C | D |
| 6 | A | B | C | D | 56 | A | B | C | D | 106 | A | B | C | D | 156 | A | B | C | D |
| 7 | A | B | C | D | 57 | A | B | C | D | 107 | A | B | C | D | 157 | A | B | C | D |
| 8 | A | B | C | D | 58 | A | B | C | D | 108 | A | B | C | D | 158 | A | B | C | D |
| 9 | A | B | C | D | 59 | A | B | C | D | 109 | A | B | C | D | 159 | A | B | C | D |
| 10 | A | B | C | D | 60 | A | B | C | D | 110 | A | B | C | D | 160 | A | B | C | D |
| 11 | A | B | C | D | 61 | A | B | C | D | 111 | A | B | C | D | 161 | A | B | C | D |
| 12 | A | B | C | D | 62 | A | B | C | D | 112 | A | B | C | D | 162 | A | B | C | D |
| 13 | A | B | C | D | 63 | A | B | C | D | 113 | A | B | C | D | 163 | A | B | C | D |
| 14 | A | B | C | D | 64 | A | B | C | D | 114 | A | B | C | D | 164 | A | B | C | D |
| 15 | A | B | C | D | 65 | A | B | C | D | 115 | A | B | C | D | 165 | A | B | C | D |
| 16 | A | B | C | D | 66 | A | B | C | D | 116 | A | B | C | D | 166 | A | B | C | D |
| 17 | A | B | C | D | 67 | A | B | C | D | 117 | A | B | C | D | 167 | A | B | C | D |
| 18 | A | B | C | D | 68 | A | B | C | D | 118 | A | B | C | D | 168 | A | B | C | D |
| 19 | A | B | C | D | 69 | A | B | C | D | 119 | A | B | C | D | 169 | A | B | C | D |
| 20 | A | B | C | D | 70 | A | B | C | D | 120 | A | B | C | D | 170 | A | B | C | D |
| 21 | A | B | C | D | 71 | A | B | C | D | 121 | A | B | C | D | 171 | A | B | C | D |
| 22 | A | B | C | D | 72 | A | B | C | D | 122 | A | B | C | D | 172 | A | B | C | D |
| 23 | A | B | C | D | 73 | A | B | C | D | 123 | A | B | C | D | 173 | A | B | C | D |
| 24 | A | B | C | D | 74 | A | B | C | D | 124 | A | B | C | D | 174 | A | B | C | D |
| 25 | A | B | C | D | 75 | A | B | C | D | 125 | A | B | C | D | 175 | A | B | C | D |
| 26 | A | B | C | D | 76 | A | B | C | D | 126 | A | B | C | D | 176 | A | B | C | D |
| 27 | A | B | C | D | 77 | A | B | C | D | 127 | A | B | C | D | 177 | A | B | C | D |
| 28 | A | B | C | D | 78 | A | B | C | D | 128 | A | B | C | D | 178 | A | B | C | D |
| 29 | A | B | C | D | 79 | A | B | C | D | 129 | A | B | C | D | 179 | A | B | C | D |
| 30 | A | B | C | D | 80 | A | B | C | D | 130 | A | B | C | D | 180 | A | B | C | D |
| 31 | A | B | C | D | 81 | A | B | C | D | 131 | A | B | C | D | 181 | A | B | C | D |
| 32 | A | B | C | D | 82 | A | B | C | D | 132 | A | B | C | D | 182 | A | B | C | D |
| 33 | A | B | C | D | 83 | A | B | C | D | 133 | A | B | C | D | 183 | A | B | C | D |
| 34 | A | B | C | D | 84 | A | B | C | D | 134 | A | B | C | D | 184 | A | B | C | D |
| 35 | A | B | C | D | 85 | A | B | C | D | 135 | A | B | C | D | 185 | A | B | C | D |
| 36 | A | B | C | D | 86 | A | B | C | D | 136 | A | B | C | D | 186 | A | B | C | D |
| 37 | A | B | C | D | 87 | A | B | C | D | 137 | A | B | C | D | 187 | A | B | C | D |
| 38 | A | B | C | D | 88 | A | B | C | D | 138 | A | B | C | D | 188 | A | B | C | D |
| 39 | A | B | C | D | 89 | A | B | C | D | 139 | A | B | C | D | 189 | A | B | C | D |
| 40 | A | B | C | D | 90 | A | B | C | D | 140 | A | B | C | D | 190 | A | B | C | D |
| 41 | A | B | C | D | 91 | A | B | C | D | 141 | A | B | C | D | 191 | A | B | C | D |
| 42 | A | B | C | D | 92 | A | B | C | D | 142 | A | B | C | D | 192 | A | B | C | D |
| 43 | A | B | C | D | 93 | A | B | C | D | 143 | A | B | C | D | 193 | A | B | C | D |
| 44 | A | B | C | D | 94 | A | B | C | D | 144 | A | B | C | D | 194 | A | B | C | D |
| 45 | A | B | C | D | 95 | A | B | C | D | 145 | A | B | C | D | 195 | A | B | C | D |
| 46 | A | B | C | D | 96 | A | B | C | D | 146 | A | B | C | D | 196 | A | B | C | D |
| 47 | A | B | C | D | 97 | A | B | C | D | 147 | A | B | C | D | 197 | A | B | C | D |
| 48 | A | B | C | D | 98 | A | B | C | D | 148 | A | B | C | D | 198 | A | B | C | D |
| 49 | A | B | C | D | 99 | A | B | C | D | 149 | A | B | C | D | 199 | A | B | C | D |
| 50 | A | B | C | D | 100 | A | B | C | D | 150 | A | B | C | D | 200 | A | B | C | D |

CALENDER EVENTS

Entrance Test For MBT - 2018

DESIGNATED CENTRES

: CET Office :

Bharati Vidyapeeth

(Deemed to be University)

Second Floor, CET Dept.,
Bharati Vidyapeeth Bhavan,
L.B.S. Marg, Pune 411 030.
(Tel. No. 020 -24407131/132/ 133
between Mon-Fri : 10.00 a.m. to
1.30 p.m. and 2.30 p.m. to 5.30 p.m.,
Sat : 9.00 a.m. to 1.30 p.m.)

For Online Enquiry

Contact Tel. No. : 24407131/132/133/163
Website : www.bvuniversity.edu.in,
E-Mail : cet@bharativedyapeeth.edu

Pune

Bharati Vidyapeeth (Deemed to be University)

Rajiv Gandhi Institute of Information Technology And Biotechnology

Katraj, Pune 411 046.

Tel. No.: 020-24379013, 24365713

Website : rgitbt.bharativedyapeeth.edu

Email : rgitbt@bharativedyapeeth.edu

New Delhi

Bharati Vidyapeeth (Deemed to be University)

Institute of Management & Research

A-4, Rohtak Road, Paschim Vihar, Attached
to Paschim Vihar

(East Metro Station), New Delhi - 110063.

Ph. : 011-25285808 / 25284396 /
25250120

Navi Mumbai

Bharati Vidyapeeth's

College of Engineering

Sector 7, Near. Kharghar Railway Station,

C.B.D., Belapur,

Navi Mumbai 400 614.

Tel. No. : 022-27571074 / 27572140

Entrance test fee along with completed
application form is Rs. 1450/-
(Non Refundable)

- A) Last date for submission of
online application form **14th June 2018 upto 5.00 p.m.**
at : www.bvuniversity.edu.in
- B) Date and Time of Entrance Test (written) **18th June 2018**
11.00 a.m. to 12.30 p.m.
- C) Centers of CET-MBT-2018
1) Pune
2) New Delhi
3) Navi Mumbai
- D) Declaration of result **23rd June 2018 after 5.00 pm.**
at : www.bvuniversity.edu.in
- E) Counseling and on the spot admissions : **29th June 2018**
- F) Venue for counseling :
Bharati Vidyapeeth
(Deemed to be University),
**Rajiv Gandhi Institute
of Information Technology And
Biotechnology**, Katraj, Pune-46.
Tel. No.: 020-24379013
- G) Commencement of Classes : **2nd July 2018**

Result of MBT-2018

The result of MBT will be available in the office of the Bharati Vidyapeeth (Deemed to be University), Pune and at our designated centers at Pune, Navi Mumbai and New Delhi on the scheduled date. It will also be displayed on our Website www.bvuniversity.edu.in

Schedule of Counseling :

The candidates whose names are included in the merit list prepared on the basis of MBT-2018 should attend the counseling sessions and on the spot admission sessions for admission to First Year M.Sc. Biotechnology/Medical Biotechnology / Bioinformatics as per their ranks. The counseling sessions will be conducted at Bharati Vidyapeeth (Deemed to be University), Rajiv Gandhi Institute of Information Technology and Biotechnology, Katraj, Pune - 46.

The seats will be allotted by merit and Bharati Vidyapeeth (Deemed to be University) does not assume any responsibility for non availability of seats as it may happen that a seat may not be available when his / her turn comes up for counseling.

| Date | Course | Category | Merit No. | Time |
|----------------|--|---|-----------|-----------------------|
| 29th June 2018 | M.Sc.Biotechnology Medical Biotechnology/ Bioinformatics | Regular Merit | All | 10.00 a.m. onwards |
| 29th June 2018 | M.Sc.Biotechnology Medical Biotechnology/ Bioinformatics | Foreign/NRI/PIO/ OCI/ Institutional Quota Merit | All | 2.00 p.m. onwards |



Rajiv Gandhi Institute of I. T. & Biotechnology



Bharati Vidyapeeth
(Deemed to be University) Pune, India.

Bharati Vidyapeeth Bhavan, Lal Bahadur Shastri Marg, Pune - 411 030.

Phone No. : 020 24407131/132/133

Fax No. : 020-24329675

Website : www.bvuniversity.edu.in

E-Mail : cet@bharatividyaapeeth.edu