

Dr. Babasaheb Ambedkar Technological University, Lonere
Dist: Raigad, Maharashtra

Established as an affiliating Technical University in the state of Maharashtra under
Dr. Babasaheb Ambedkar Technological University Maharashtra
Act No. XXIX of 2014, dated March 2014



Annual Report
2021-22

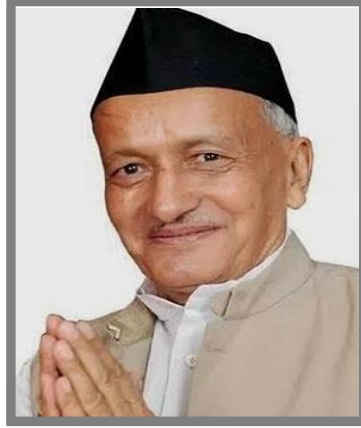
‘Vidyavihar’Lonere, TalukaMangaon, District Raigad-402103

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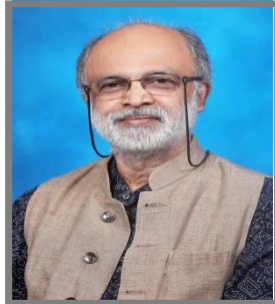
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**Dr. Babasaheb Ambedkar Technological University, Lonere
Dist: Raigad, Maharashtra**

**Established as an affiliating Technical University in the state of Maharashtra under
Dr. Babasaheb Ambedkar Technological University Maharashtra
Act No. XXIX of 2014, dated March 2014**



**His Excellency-The Chancellor
Bhagat Singh Koshyari**



**Vice-Chancellor
Dr. A. B. Pandit**

(From 1st April, 2022 to 2 January, 2022)



**Vice - Chancellor
Dr. K. V. Kale**

(From 3rd January, 2022 to 31st March 2022)



**Dr. B. F. Jogi
Registrar**

**(From 1st April 2021 to 13th July 2021)
(From 14th July, 2021 to 31st March 2022)**

Annual Report Committee 2021 - 22

Sr. No	Verification Officers	Position
1	Dr. B. F. Jogi, Registrar	Chairman
2	Dr. S. V. Khobragade, Finance Officer	Coordinator
3	Mr. G. H. Kalsekar, Store Verification Officer	Secretary

Annual Report Language Translation Verification

Sr. No	Name	Position
1	Dr. A. P. Shesh	Language Translation Verification (English)
2	Mr. P. K. Pendse	Marathi Language Translation Verification Officer
3	Mr. P. B. Avhad	Language Verification

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Chapter One

About the University

Initially the University was established by Maharashtra Government as per Dr. Babasaheb Ambedkar Technological University Act 1989 (22). The Dr. Babasaheb Ambedkar Technological University, Lonere has been reconstituted under the Government of Maharashtra (Act 29) (2014) since 1st March 2016 and the process of affiliation of institutes of Engineering (Engg.), Pharmacy (Pharm.), Architecture (Arch.) and Hotel Management and Catering Technology (HMCT) courses has been started.

Major Boards of the University:

- 1) Executive Council (EC)
- 2) Academic Council (AC)
- 3) Planning, and Evaluation P&E (Monitoring) Board
- 4) Finance Committee (FC)
- 5) Boards of Studies (BOS)
- 6) Such other bodies of the University as may be declared by the Statutes to be the authorities of the University.

For the broader frame work of the University, the board is following their commendations of Dr. Narendra Jadhav Committee for Higher Education and the report of the committees constituted under the leadership of Dr. Anil Kakodkar, Dr. Arun Nigwekar and Dr. Ram Takawle. The reports from All India Council of Technical Education (AICTE), Ministry of Human Resource Development, Ministry of Skill Development, and several reports of industries and CII also formed the resource base of this plan.

Administrative Setup of the New State Affiliating Technical University

The University shall be governed by the main center at Vidyavihar, Lonere, Dist. Raigad. The Vice-Chancellor shall be the Principle Executive Power and academic officer of the University and shall exercise general supervision and control over affairs of the University. However, the three regional centers at Aurangabad, Nagpur and Pune and three Sub centers at Jalgaon, Kolhapur, and Solapur are already functioning. Each center will be headed by a Director/ Deputy Director/Jt. Director and shall be developed as an autonomous center to look after the colleges within its region of management. Appointment of the Director/ Deputy Director/Jt. Director will be for three years.

A 'Regional Center' means a Center established or maintained by the University, as its constituent unit, for the purpose of coordinating and supervising the work of students and institutions and for rendering any other assistance including training, conducting classes and administering examinations and for performing such other functions as may be conferred on such center by the Executive Council (EC).

With the new status of Affiliating Technological University, the University requires manpower at the priority Level. To fulfill the requirements of regulatory bodies like AICTE, NBA and NAAC, induction of Deans at the Main Centre, creating and filling University Officers on Statutory positions of Directors at main center, Regional Centers and Sub-centers the new appointments of faculty member in the University Department is essential.

Currently, the University is heavily Understaffed; the new offices shall also require Supporting staff. For efficient organization, their deployment in early phase of the development of the university is a must. The situation is similar at non teaching staff level. It is matter utmost importance to fill all the vacant position with the highest priority. The university has been following with concerned officers in the

Government to fill up all the vacant positions, The University, however, has been functioning with ad-hoc faculty and non-teaching staff.

University's Regional Centres:

There shall be four Regional Centres, one each at **Mumbai, Pune, Aurangabad, and Nagpur.**

- (1) The Regional centre shall establish the following divisions or cells
 - Examination cell
 - Research and Development and Industry Co-ordination cell
 - Administration and Finance cell
 - Information and Communications Technology cell
 - Students Grievances Centre
- (2) The Director appointed by Executive Council will be the Head of each Regional Centre. Each of the divisions or cells shall be headed by a Joint Director.
- (3) The Sub-centres shall be operated and maintained as University's constituent unit, having University's complements of facilities, faculty and staff. The joint Director appointed by the University will be the head of the sub- Centres.

The Regional Centre is the direct connectivity between the affiliated colleges and the University. Its primary role is to ensure timely and orderly conduct of the examination at designated examination Centres in the region. But it shall address many more functions of the University.

Regional sub-Centres:

There shall be five sub-regional Centres, one each at **Amravati, Jalgaon, Nanded, Solapur and Kolhapur.**

(1) Each Sub-Regional Centre shall have the following Administrative Directors

- a) Jt. Director- Head of the Centre
- b) Dy. Director -Examination
- c) Dy. Director- ICT
- d) Jt. Director-Administration and Finance

(2) The Sub-centre shall establish, within its campus, all or any of the following divisions or cells and such other facilities as it may deem fit

- a) Examination cell
- b) Administration and Finance cell
- c) Information and Communications Technology cell
- d) Students Grievances Centre

(3) Each of the divisions or cells shall headed by Deputy Director

University's Strategic Aims:

1. To improve quality of technical education throughout the State.
2. To expand facilities for post-Graduate education by increasing intake capacity of existing Programmes and starting new Programmes.
3. To co-operate with industries both in public and private sectors with a view to devising courses of instruction which would meet the requirements of such industries.
4. To further the advancement of knowledge in Engineering Technology and allied sciences to prosecute and promote research.
5. To teach the examine students in such manner, and confer such Degrees, Diplomas, Certificates and other academic distinctions, as the University may deem fit.

Chapter Two

Authorities of the University

In accordance with section 27-29 of the Dr. Babasaheb Ambedkar Technological University Act No. XXIX of 2014, the Executive Council of this University is hereby constituted for the period of three years with effect from 8th December, 2020 to 7th December, 2023.

Chancellor: His Excellency Shri. Bhagat Singh Koshyari

Vice-Chancellor: Dr. A. B. Pandit / Dr. K. V. Kale

Executive Council:

Sr. No.	Name	Designation	Position in the Council
1	Dr. A. B. Pandit Dr. K. V. Kale	Vice – Chancellor, (From 1 st April, 2022 to 2 January, 2022) Vice – Chancellor, (From 3 rd January, 2022 to 31 st March 2022)	Chairman
2	Dr. A. Wagh	Director of Directorate of Technical Education (or his representative)	Member
3	Dr. V. Vadke	Nominee of the Chancellor	Member
4	Dr. S. L. Nalbalwar	One representatives of Deans (nominated by the Vice-Chancellor by rotation According to seniority)	Member
5	Dr. S. L. Nalbalwar Dr. B. B. Singh	Two representatives of the heads of the University Departments and Heads of conducted institutions (nominated by the Vice-Chancellor by rotation accordingly to seniority)	Members
6	Dr. S. Jagade Dr. K. Ottari Dr. P. Ingale Dr. N. Kanhe Dr. D. Ghewade Dr. N. Aloorkar Dr. V. Redasani Dr. N. Patil Dr. A. Wadekar Dr. H. Patil	Ten representative of Heads of affiliated colleges and recognized institutions (nominated by the Vice-Chancellor by rotation)	Members
7	Dr. U. B. Shinde Dr. S. Khot Dr. R. Barjibhe	Four Representative of the Regional Centres & Three Representatives of the Sub Centers (nominated by the Vice – Chancellor)	Members
8	Dr. V. G. Sargade Dr. M. D. Laddha	Two teachers of the university, one from among assistant professors (to be nominated by the Vice- Chancellor by rotation according to seniority)	Members
9	Mr. S. B. Bendkhale Mr. S. N. Iyer Mr. R. M. Pednekar Mr. S. R. Udupa	Four Eminent scientists or renowned technologists, (nominated by the State Government)	Members
10	Dr. B. F. Jogi	Registrar, (From 1 st April 2021 to 13 th July 2021) (From 14 th July, 2021 to 31 st March 2022)	Secretary

Academic Council:

Sr. No.	Name	Designation	Position in the Council
01	Dr. K. V. Kale	Vice-Chancellor	Chairman
02	Dr. S. L. Nalbalwar	Dean, (Academics-FoE&T)	Member
03	Dr. N. Agrawal	Head, Dept. of Mechanical Engg.	Member
04	Dr. L. D. Netak	Head, Dept. of Computer Engg.	Member
05	Dr. S. G. Dahotre	Head, Physics Dept.	Member
06	Dr. S. R. Sutar	Head, Dept of IT	Member
07	Dr. S. R. Bhagat	Head, Dept. of Civil Engg.	Member
08	Dr. A. R. Chavan	Head, Dept. of chemical Engg.	Member
09	Dr. S. S. Metkar	Head, Dept. of Petrochemical Engg.	Member
10	Dr. U. Shiurkar	Principal, Deogiri College of Engg	Member
11	Dr. R. Barjibhe	Prof. S. G. CoEBhusawal	Member
12	Dr. R. Balasubramaniam	BARC, Mumbai	Member
13	Dr. A. Deshmane	Principal, B.I.T Barshi	Member
14	Dr. A. Jadhav	Principal Dnyashree College of Engg.	Member
15	Dr. N. H. Aloorkar	Dean (Pharmacy)	Member
16	Prof. Y. V. Joshi	Director, SGGSIET Nanded	Member
17	Dr. A. P. Shesh	Head, Dept. of HSS	Member
18	Dr. H. Patil	Chairman Bos Computer Engg.	Member
19	Prof. D. Desai	Dean (Architecture)	Member
20	Dr. B. Bonde	Bos, Chairman, B.Voc	Member
21	Dr. S. Badave	Bos, Chairman (Electrical Engg.)	Member
22	Dr. P. B. Lokhande	Head, Dept. of Chemistry	Member
23	Dr. B. F. Jogi	Registrar	Secretary

Planning and Evaluation Monitoring Board:

Sr. No.	Name	Designation
01	Dr. K. V. Kale	The Vice – Chancellor, ex Officio Chairman
02	Ex Officio	The director of Technical Education or his representative, not below the rank of Joint Director
03	Dr. V. Vadke	The Chancellor's nominee on the Executive Council.
04	Prof. S. Khot Prof. H. Patil Prof. N. H. Aloorkar Prof. N. Kanhe	Four representatives of the regional centres, one from each Regional centres, to be nominated by the Vice- Chancellor
05	Prof. G. Latkar Prof. J. B. Patil Prof. K. Ottari Prof. Attar Prof. A. Jadhav	Five representatives of the Sub-centres, one from each Regional centres, to be nominated by the Vice-Chancellor by rotation.
06	Prof. Mrs. D. Desai	One member from amongst the Dean of Research and Development and the Deans of Faculties, on rotation as per seniority.
07	Mr. R. Pednekar Prof. B. N. Jagtap	Two members nominated by the Executive Council.
08	Prof. A. K. Deshmane	Two members nominated by the Academic Council.

	Prof. A. Kulkarni	
09	Dr. B. F. Jogi	Registrar as Secretary.

Building and Works Committee:

Sr. No.	Name	Position in the council
1	Dr. K. V. Kale, Vice – Chancellor	Chairman
2	Mr. S. N. Iyer	Member
3	Dr. A. Wadekar	Member
4	Dr. B. F. Jogi (Registrar)	Member
5	Shri. P. Deshmukh	Member
6	Shri. M. R. Namde , E.E.(PWD Division)	Member
7	Dr. S. R. Bhagat	Member
8	Dr. S. M. Pore	Member
9	Mr. S. Gangane , D.E. (PWD Sub – Division)	Member
10	Dr. S. V. Khobragade (i/c Finance Officer)	Member
11	Mr. V. S. Chavan	Member – Secretary

Finance Committee:

Sr. No	Name	Position in the Council
1	Dr. K.V. Kale, Vice – Chancellor	Chairman
2	Dr. B. F. Jogi I/c Registrar	Member
3	Prof. S. L. Nalbalwar	Member
4	Prof. J. B. Patil	Member
5	Prof. V. Redasani	Member
6	Prof. U. Shinde	Member
7	Prof. K. V. Otari	Member
8	Prof. R. Barjibhe	Member
9	Dr. V. Vadke	Member
9	Prof. S. V. Khobragade	Member Secretary

Purchase and Sales Committee:

Sr. No	Name	Position in the Council
1	Dr. K. V. Kale, Vice – Chancellor	Chairman
2	Dr. A. B. Pandit	Chairman
3	Dr. B. F. Jogi I/c Registrar	Member
4	Dr. S. L. Nalbalwar	Member
5	Dr. S. M. Jadhav	Member
6	Prof. A. Kusre	Member
7	Prof. S. V. Khobragade	Member Secretary

Library Committee:

Sr. No.	Name	Designation
01	Dr. Y. S. Mahajan	HOD - Chemical Engg.
02	Dr. A. P. Shesh	HOD - English Department
03	Prof. G. S. Warkhade	Mechanical Engg.
04	Prof. V. J. Kadam	Information Tech. Engg.
05	Dr. S. S. Metkar	Petrochemical Engg

Chapter Three

Departments of University

Department of Chemical Engineering

About the Department:

With a B. Tech. programme intake of 60 students, the department of Chemical Engineering was founded in 1992. With an intake of 18 students each, the M. Tech programmes in Chemical Engineering and Environmental Engineering were started in 2000 and 2001, respectively. The department also began a Ph.D. programme in the 2003–2004 academic year, and it holds the distinction of having graduated the first Ph.D. in the University. The faculties in the department are a committed group. Most of the faculty members hold doctoral degrees. The department works in conjunction with ICT Mumbai to execute cutting-edge research initiatives. The department's main goal is to turn out top-notch engineers with solid chemical engineering fundamentals. The TEQIP programme, a quality improvement initiative supported by the World Bank, is one in which the department takes an active part. Additionally, the department has received funding for a variety of research initiatives from AICTE, UGC, ONGC, and DST. To support the research programmes, the department has excellent analytical capabilities.

Dr. A. R. Chavan
Head, Department of Chemical Engineering

Vision:

The vision of the department is to get national recognition for undergraduate Chemical Engineering program coupled with research strengths in the areas of Heat Transfer, Systems Engineering, Mass Transfer with Chemical Reactions and Biochemical Engineering.

Mission:

We provide a high-quality education experience that will prepare graduate to assume leadership positions within chemical and other associated industries. We foster and encourage the pursuit of new knowledge and innovative scholarship in chemical sciences and engineering. We provide leadership to the chemical engineering profession through dedicated teaching and service.

Overview of Academic Programs:

Academic Program	Academic Program	Duration	Intake
Undergraduate			
Bachelor of Technology (B. Tech.)	Chemical Engineering	Four Years	60
Postgraduate			
Master of Technology (M. Tech.)	Chemical Engineering	Two Years	18
Ph.D.	Chemical Engineering		----

Students Statistical Information:

No of Students (UG): 267

No of Students (PG):6

Faculty:

Sr.No.	Name	Designation	Qualification
1	Dr. P. V. Vijay Babu	Professor	Ph.D
2	Dr. V. S. Sathe	Professor	Ph.D
3	Dr. Y. S. Mahajan	Professor	Ph.D
4	Prof. A. M. Ghugal	Associate Professor	Ph.D
5	Dr. A. R. Chavan	Professor and Head of the Department	Ph.D
6	Prof. Mrs. S. P. Dhongade	Assistant Professor	M.Tech
7	Dr. S. Choudhari	Assistant Professor (Adhoc)	Ph. D
8	Ms. N. Malore	Assistant Professor (Adhoc)	M.Tech
9	Ms. A. B. Bhalke	Assistant Professor (Adhoc)	M.Tech
10	Ms. R. B. Deshmukh	Assistant Professor (Adhoc)	M.Tech
11	Ms. R. Devale	Assistant Professor (Adhoc)	M.Tech
12	Ms. P. Sanap	Assistant Professor (Adhoc)	M.Tech
13	Ms. I. Dhotre	Assistant Professor (Adhoc)	M.Tech
14	Ms. S. Jadhav	Assistant Professor (Adhoc)	M.Tech

Advisory Board:

Sr. No.	Name	Designation
1.	Head, Chemical Engineering, Dr. Babasaheb Ambedkar Technological University, Lonere	Chairman
2.	Dr. S. Mahajani, Professor, Chemical Engineering, IIT Bombay	Member
3.	Dr. A. Patwardhan, Associate Professor, Chemical Engineering, ICT Mumbai	Member
4.	Dr. A. V. Orpe, Scientist, Chemical Engineering Division, NCL, Pune	Member
5.	Mr. D. M. Chati, Vice-President (Operations), Embio Ltd, Mahad	Member
6.	Mr. D. R. Degwekar, Vice-President (Operations), Excel Industries Ltd, Roha	Member
7.	Mr. S. B. Pathare, Executive Vice-President (Operations), Privi Organics Ltd, Mahad	Member

Departmental Strengths, Weaknesses, Opportunities and Challenges:

Strengths	<ul style="list-style-type: none"> Highly dedicated and motivated faculty members. Good supporting staff. Disciplined students.
Weakness	<ul style="list-style-type: none"> Insufficient faculty availability. Insufficient space.
Opportunities	<ul style="list-style-type: none"> Good scope for consultancy work and IRG. Good scope for collaborative projects. Good scope for expansion of the department.
Challenges	<ul style="list-style-type: none"> Managing all Departmental activities with the help of available faculty members. Recruitment of qualified faculty members having Ph.D. qualifications. Managing with rural environment.

Department of Civil Engineering

About the Department:

Department is Currently running B. Tech. Programme and Ph. D. Programme, 08 Part time and 01 Full time Research Scholars. 244 Undergraduate Students, 02 Regular and 08 Contract Basis Faculty, 05 Supporting Staff. 1100 sqm of space, 08 well equipped laboratories, 02 UG Classrooms, 01 PG Room. 15 Major and 987 minor equipment. 06 journal papers, 48 conference papers. 28 students got campus placements, almost all remaining helped out to get placed off-campus. 06 well equipped laboratories, 15 consultancy projects, 31 material testing assignments helped IRG of 11.4 Lakhs. 01 Infrastructure Grant Proposal earned grants of ₹ 2.00 Crore from AICTE.

Dr. S. R. Bhagat
Head, Department of Civil Engineering

Vision:

Dissemination of technical knowledge and expertise for education of students and progress of industry, society, our country.

Mission:

We aim at providing quality engineering education tuned with modern scientific and technological development.

Overview of Academic Programs:

Academic Programme	Duration	Intake
B.Tech.in Civil Engg.	4 Years	54
Ph.D	3 Years	6 (registered)

Students Statistical Information:

No of Students: 244

Faculty and Staff:

Sr. No	Name	Designation	Qualification
1	Dr. S. R. Bhagat	Professor and Head of the Department	Ph.D
2	Dr. S. M. Pore	Professor	Ph.D
3	Dr. M. S. Malandkar	Assistant Professor (Adhoc)	Ph. D
4	Ms. A. A. Darge	Assistant Professor (Adhoc)	M.E
5	Mr. G. A. Suryawanshi	Assistant Professor (Adhoc)	M.E
6	Ms. P. P. Mahajan	Assistant Professor (Adhoc)	M.E
7	Mr. A. N. Chavan	Assistant Professor (Adhoc)	M. Tech.
8	Mr. B. R. Lagad	Assistant Professor (Adhoc)	M.E
9	Ms. S. V. Janjal	Assistant Professor (Adhoc)	M. Tech.
10	Ms. P. Bhatkar	Assistant Professor (Adhoc)	M. Tech.

Advisory Board:

Sr.No.	Name	Designation	Institute
1	Dr. S. R. Bhagat	Professor and Head	DoCE, Dr. Babasaheb Ambedkar Technological University, Lonere

2	Er. M. R. Girish	Senior Engineer	KRCL
3	Mr. U. Magdum	Civil Engineer (Maintenance)	POSCO, Maharashtra, Vile
4	Dr. A. R. Kambekar	Professor	SPCE, Mumbai
5	Er. P. S. Raut	Deputy Engineer	PWD, GoM
6	Dr. S. M. Pore	Professor	DoCE, Dr. Babasaheb Ambedkar Technological University, Lonere

Departmental Strengths, Weaknesses, Opportunities and Challenges:

Strengths	<ul style="list-style-type: none"> • Leadership & guidance from Hon. Vice-Chancellor, Academic Council and Executive Council. • Curriculum considering Basic needs of course and employability. • Assured source of grants from University Budget & Prospective resources such as AICTE, UGC, GoM, GoI. • Well-equipped and running labs for students. • Young and enthusiastic team of faculty.
Weakness	<ul style="list-style-type: none"> • Shortage of competent faculty leads to overstressing of available manpower. • Inadequate furniture and civic amenities • Evaluation system is exam-centric leading to high number of examinations and leaving little time for faculty to find interest in project related activities.
Opportunities	<ul style="list-style-type: none"> • Number of students of this department compete in the competitive examinations like GATE, TOEFL, and GRE. • Infrastructure development in country is moving with very fast rate. There is acute shortage of competent civil engineers in all the fields.
Challenges	<ul style="list-style-type: none"> • Conducting departmental activities with the help of freshly graduated faculty members. • Producing engineers of required quality for the industry.

Future Plans of the Department:

- To start PG programme in Environment Management and Sustainable Development
- To become a reputed seat of knowledge in Civil Engineering.
- To produce Civil Engineers required for Indian Industry.
- To promote institute – industry linkage for effective implementation of program objectives.
- To promote need-based research in Civil Engineering.
-

Department of Computer Engineering

About the Department:

The department of Computer Engineering was established in the year 1995 initially with B. Tech. Programme having intake of 60 students. In the year 2001, two additional Programmes were introduced. First, M. Tech. Programme in Computer Engineering with an intake of 18. Second, B. Tech. Programme in Information Technology with an intake 60 students. In the year 2004, the B. Tech. Programme in Information Technology was shifted to the newly created department of Information Technology. In the year 2008, the first research scholar for Ph. D. Programme was enrolled in the department. Graduates of the department are trained with three kinds of knowledge and skills so that they can apply the principles of Computer Science and Engineering to solve real-life problems from diverse application domains. *First*, the graduates are provided with the conceptual knowledge of the core topics of Computer Science. *Second*, they are also trained for knowledge of mathematical formalisms underlying various Programming concepts. *Third*, graduates undergo rigorous practical training in which they acquire skills for the state of the art technologies and tools.

Dr. L. D. Netak
Head, Department of Computer Engineering

Vision:

The department is committed to achieve academic excellence through education and research in the emerging and established areas of Computer Science and Engineering.

Mission:

Building the capacities of young students to realize their professional and academic dreams.

Overview of Academic Programs:

Sr. No.	Name of the Programme	Sanctioned Intake
1	Bachelor of Technology (Computer Engineering) B. Tech.	60
2	Master of Technology (Computer Engineering) M. Tech.	18
3	Ph. D.	12 (On Roll)

UG Students Statistical Information:

No of Students: 289

Faculty:

Sr.No.	Name of Faculty	Designation	Qualification	Area of Specialization
1	Dr. A.W. Kiwelekar	Professor	Ph. D	Software, architecture, Artificial intelligence
2	Dr. L. D. Netak	Professor and Head of the Department	Ph. D	Computer Networks, Optical Networks
3	Dr. M. Laddha	Assistant Professor (Senior Scale)	Ph. D	Object – oriented Programming software testing
4	Mr. H. Akarte	Assistant Professor (Senior Scale)	M.E	Wireless sensor Networks, Distributed systems
5	Ms. I. R. A. Jhetam	Assistant Professor (Senior Scale)	M. Tech	Databases, Software Engineering

6	Mr. S. U. Waikar	System Analyst (Adhoc)	M. Tech	System Administration
7	Ms. H. A. Sattar Gangrekar	Assistant Professor (Adhoc)	M. Tech.	Artificial intelligence, Programming Languages
8	Ms. H. Gaikwad	Assistant Professor (Adhoc)	M. Tech.	Information Security, Web mining
9	Ms. K. Aher	Assistant Professor (Adhoc)	M. Tech.	Database Management system
10	Ms. R. T. Kalyane	Assistant Professor (Adhoc)	M. Tech.	Machine learning , Data science
11	Mr. R. R. Rathod	Assistant Professor (Adhoc)	M.E	Software Engineering E Learning

Advisory Board:

Sr. No.	Name	Organization/Industry
1	Dr. R. K Joshi	IIT Bombay
2	Dr. A. Karkare	IIT Kanpur
3	Mr. S. Bhat	Sarvaha Systems Pvt. Ltd
4	Dr. S. Deshmukh	Data Torrent Pune
5	Mr. A. Chundurwar	Reliance Jio., Mumbai
6	Mr. S. M. Bhilegaonkar	Bosch+Lomb, Pune Division

Departmental Strengths, Weaknesses, Opportunities and Challenges:

Major Strengths	<ul style="list-style-type: none"> Well designed Academic curricula. Transparent Teaching Learning Process. Informal but strong connections with alumni.
Weaknesses	<ul style="list-style-type: none"> Inadequate Faculty / Staff. Un-aided PG programme. Under-developed Research and consultancy culture
Opportunities	<ul style="list-style-type: none"> Increasing demand for Ph.D. programme. Awareness of ICT-based solutions in educational activities. Exponential growth of hand-held devices.
Challenges	<ul style="list-style-type: none"> Rural background. Frequent power Shut-down Motivating staffs and students for professional attitude.

Department of Electrical Engineering

About the Department:

The department of electrical engineering is one of the pioneer engineering departments of the University. The department had passed a journey of 27 years. I am proud to be the founder member of this department and happy to note that based on excellent performance of students and staff, the department has got accreditation from NBA for successively two terms from 2003 to 2006 and 2006 to 2009. The beginning of a P.G. course in power system with an intake of 18 students is an extra feather to the department to initiate research activity. The registration of research scholars in emerging areas of power system and power electronics adds strength to research activity of the department. The department believes in skill training thus has maintained well equipped laboratories in the emerging areas with standard high end equipment. Many of our aluminous have attained prestigious positions in organizations of repute in India and abroad.

Prof. Satarkar M. F.A.R.
Head, Department of Electrical Engineering

Vision: To be a leading center for transformation of new trends in Electrical Energy and Technology through education, innovation of international acceptance to national industries and local society at affordable cost.

Mission: To cater the needs of Electrical Engineering Graduates to excel in the challenges of modern society through sound knowledge of fundamentals and applications, to work intensely with industry leading to the development of cutting edge and commercially-viable technologies.

Overview of Academic Programs:

Academic programme	Duration	Intake
B.Tech. in Electrical Engineering	Four Years	54

Faculty and Staff:

Sr. No.	Name	Designation	Qualification	Area of Interest
1	Dr. P. K. Katti	Professor	Ph. D	Power System
2	Prof. M. F. A. R. Satarkar	Associate Professor and Head of the Department	M.E.	Power System
3	Mr. A. M. Bhaware	Assistant Professor (Adhoc)	M. Tech	Power System
4	Mr. P. V. Gaikwad	Assistant Professor (Adhoc)	M. Tech	Power System
5	Mr. P. V. Patil	Assistant Professor (Adhoc)	M. Tech	Power System
6	Mr. A. R. Bhavsar	Assistant Professor (Adhoc)	M. Tech	Power System
7	Mr. R. R. Kundankar	Assistant Professor (Adhoc)	M. Tech	Power System
	Miss. P. L. Kotwal	Assistant Professor (Adhoc)	M. Tech	Power System

Advisory Board:

Advisory Board Members	
1.	Prof. M. F. A. R. Satarkar, Chairman
2.	Dr. D. J. Doke
3.	Dr. M. K. Khedkar
4.	Dr. S. E. Talange

5.	Mr. V. Kulkarni
6.	Mr. V. Garg
7.	Mr. S. Khened
8.	Mr. A. Deshpande

Departmental Strengths, Weaknesses, Opportunities and Challenges:

Major Strengths	<ul style="list-style-type: none"> • Dedicated staff / faculty. • In campus accommodation. • Liberalized policy for quality up gradation. • Government organization. • Well equipped labs for UG, PG as well Research Scholars.
Weaknesses	<ul style="list-style-type: none"> • Very poor faculty & staff strength. • Lack of adequate space for laboratory. • Very poor commutation and communication facilities. • Non availability of most common amenities like medical, school, recreation and township facilities. • No proper/stable leadership.
Opportunities	<ul style="list-style-type: none"> • Larger opportunities for getting exposure in different administrative activities. • Leading/ Premier Technical institute of state.
Challenge	<ul style="list-style-type: none"> • Retention ratio of faculty and staff. • Increasing the intake capacity.

Department of Electronics & Telecommunication Engineering

About the Department

The department of Electronics and Telecommunication Engineering was established in the year 1995 initially with B. Tech. programme with intake of 60 students. In 2001, M. Tech. programme in Electronics & Telecommunication Engineering with an intake of 18 students was introduced. From academic year 2008-2009, intake of B. Tech. has been increased to 120 students. The department has started Ph.D. programme from the academic year 2003, presently 19 research scholars are working in the research area of Signal Processing, Computer Network and Microwave Communication. Department is also offering fellowship to M. Tech. and Ph.D. students under TEQIP project. The curriculum designed is a perfect blend of Electronics, Communication and Computing Technologies. The focus of the department is to produce graduates & post graduates with strong fundamentals in Electronics and Communication domain. The department has received handful amount of funding from AICTE, UGC, TEQIP and State Government for various research projects.

Dr. S. L. Nalbalwar
Head, Department of EXTC

Vision:

The vision of the department is to achieve excellence in teaching, learning, research and transfer of technology for development of society.

Mission:

The Electronics and Telecommunication Engineering Department constantly aims at providing quality education and works towards the fulfillment of the goal and objectives in pace with the modern scientific and technological development.

Overview of Academic Programs:

Sr. No.	Course	Duration	Intake
1.	UG(B. Tech.)	Four Years	90
2.	PG(M. Tech.)	Two Years	16
3.	Ph. D.	--	--

Students' Statistical Information:

B. Tech. in EXTC Engineering: 1410

M. Tech. in EXTC Engineering: 3

Ph.D. in EXTC Engineering (After M. Tech./M.E.):0

Faculty:

Sr.No.	Name of Faculty	Designation	Qualification	Area of Expertise
1	Dr. S. B. Deosarkar	Professor	M.E., Ph. D	Microwave Engineering
2	Dr. S. L. Nalbalwar	Professor & Head of the Department	M.E., Ph. D (IIT D)	Signal Matched Filter Bank
3	Dr. A. B. Nandgaonkar	Professor	M.E Ph. D	Microstrip Antenna
4	Dr. N. S. Jadhav	Associate Professor	M. Tech, Ph. D.	VLSI Design
5	Dr. S. V. Khobragade	Assistant Professor	M.E, Ph.D	Microstrip Antenna
6	Dr. B. R. Iyer	Assistant Professor	M.E., MBA, Ph. D	RF Comm.
7	Dr. P. Ingale	Assistant Professor (Adhoc)	M.Tech., Ph. D.	Image Processing
8	Mrs. J. Kalgi	Assistant Professor (Adhoc)	M.E.	Image Processing
9	Dr. S. Bavkar	Assistant Professor (Adhoc)	M.E., Ph. D.	Signal Processing
10	Mr. K. S. Kamble	Assistant Professor (Adhoc)	M.Tech	Iot Embedded system
11	Mr. A. A. Jangam	Assistant Professor (Adhoc)	M.Tech	RF Comm.
12	Mr. G. Kale	Assistant Professor (Adhoc)	M.E.	MicrowaveEngineering
13	Ms. S. S. Gaikwad	Assistant Professor (Adhoc)	M.Tech	Image Processing
14	Mr. R. V. Bandgar	Assistant Professor (Adhoc)	M.Tech	Image Processing
15	Mr. R. K. Bonde	Assistant Professor (Adhoc)	M.Tech	Image Processing
16	Mr. M. S. Kendre	Assistant Professor (Adhoc)	M.Tech	RF Comm.
17	Ms. S. M. Shinde	Assistant Professor (Adhoc)	M.Tech	Signal Processing
18	Ms. M. R. Mehta	Assistant Professor (Adhoc)	M.Tech	Image Processing

19	Mr. K. V. Kurangkar	Assistant Professor (Adhoc)	M.Tech	Signal Processing
20	Ms. A. A. Pawar	Assistant Professor (Adhoc)	M.Tech	Signal Processing
21	Mr. P. S. Bhagat	Assistant Professor (Adhoc)	M.Tech	VLSI,Power
22	Mr. P. P. Mahajan	Assistant Professor (Adhoc)	M.Tech	Signal Processing
23	Ms. K. K. Pardeshi	Assistant Professor (Adhoc)	M.Tech	RF Antenna

Advisory Board:

Advisory Board Members	
1	Lt. Cdr (Retd) Ravindra Kale
2	Dr. M. Sayyad
3	Mr. S. Lok
4	Mr. S. B. Gadewar
5	Dr. V. M. Gadre
6	Dr. R. R. Manthalkar
7	Dr. S. G. Bhirud

Departmental Strengths, Weaknesses, Opportunities and Challenges:

Strengths	<ul style="list-style-type: none"> Highly qualified dedicated and motivated faculty members. Departments receives funding from AICTE, UGC and state Government of Maharashtra for various research project and innovation activities association all alumini provide support to student of Department. Guidance and support from Alumni. Department has very large alumini. Research publication by faculty members is available reputed Journals. Well-equipped Laborotories for UG, PG and Research Scholars.
Weaknesses	<ul style="list-style-type: none"> Considering total intake of the department providing adequate infrastructure such as classroom Laborotories for the students in a challenge. Faculty requirement: Presently, faculty strength of department is six. However, department activities are carried out by appointing faculty on contract basis and also by appointing teaching assistants.
Opportunities	<ul style="list-style-type: none"> Our graduates have very good job opportunities in Embedded Systems, IoT, Signal Processing, RF Communication, VLSI technologies, Mobile Communication and in Software Engineering. Every year many of our students are getting placed in industries like Infosys, Accenture, Cognizant, TCS, Reliance, etc.
Challenges	<ul style="list-style-type: none"> Managing all departmental activities with the help of available faculty members. Recruitment of qualified faculty members having Ph. D. qualification. Attracting talented tudentsto UG, PG and Ph. D Programmes.

Department of Information Technology

About the Department

The department of Information Technology was established in the year 2001 with B. Tech. programme having intake of 60 students under the umbrella of department of Computer Engineering. The B.Tech. programme in Information Technology was shifted to the newly created department in 2004. The first research scholar for Ph.D. programme enrolled in the department in 2015. Department has seven regular faculties, three laboratory supporting staff- Laboratory Assistant (Technical), Laboratory Assistant and Laboratory Attendant. All the faculty members have completed their M.E. /M.Tech. One faculty has completed Ph.D. and two faculty members are pursuing their Ph.D.s. The Department has set tradition of achievements in sports, cultural activities, extracurricular activities, competitive examinations like GATE, MBA-CET etc. and campus placements.

Dr. Sanjay R. Sutar
Head, Department of IT

Vision

Impart highest quality, technology-based education, in the most cost-effective manner, to facilitate the University mission as it applies to the management, teaching, learning, and community service.

Mission

Provide effective technology support for audio/visual, computer, multimedia, voice, video, and web-based applications to fulfill the need of students and staff. Promote and facilitate the effective integration of technology into the basic mission of the University through planning, programming, training, consulting, and other support activities. Develop, enhance, and manage the University enterprise networks to provide high speed, transparent and highly functional connectivity among all information resources. Develop and maintain highly effective, reliable, secure, and innovative information systems to support instructional, administrative and research activities. Facilitate the collection, storage, security and integrity of electronic data while ensuring appropriate access, innovative applications.

Overview of Academic Programme:

Academic Programme	Duration	Intake
B. Tech. in Information Technology	Four Years	54

Students Statistical Information:

No of Students (UG): 279

No of Students Enrolled for Ph. D:09

Faculty:

Sr. No	Name	Designation	Qualification
1	Dr. S. M. Jadhav	Professor	M.E, Ph.D
2	Dr. S. R. Sutar	Associate Professor and Head of the Department	M.Tech, Ph.D
3	Prof. V. J. Kadam	Assistant Professor	M.Tech, Ph.D
4	Prof. A. R. Babhulgaonkar	Assistant Professor	M.Tech, Ph.D
5	Prof. S. V. Bharad	Assistant Professor	M.Tech
6	Prof. S. S. Barphe	Assistant Professor	M.Tech, Ph. D Pursuing
7	Prof. S. R. Hivre	Assistant Professor	M.Tech
8	Prof. E. Mesharam	Assistant Professor (Adhoc)	M.E

9	Prof. S. B. More	Assistant Professor (Adhoc)	M.Tech
10	Prof. R. Kothkondwar	Assistant Professor (Adhoc)	M.Tech, Ph. D Persuing

Advisory Board:

Advisory Board	
1	Dr. G. Sivakumar, IITB
2	Dr. B. B. Meshram, VJTI, Mumbai
3	Mr. S. Dhage, IBM, Pune
4	Dr. L. N. Singh, Dr. Babasaheb Ambedkar Technological University, Lonere

Departmental Strengths, Weaknesses, Opportunities and Challenges:

Major Strengths	<ul style="list-style-type: none"> • Young and experienced faculty members. • Dedicated staff and faculty. • Campus wide networking. • Adequate infrastructure.
Weaknesses	<ul style="list-style-type: none"> • Lack of Ph. D. qualified faculty. • Shortage of faculty. • Higher faculty positions are vacant.
Opportunities	<ul style="list-style-type: none"> • Starting PG courses. • Starting finishing schools. • Establishment of Departmental library. • Training for New Technology awareness. • Consultancy like cyber crime detection. • Enrollment of faculty for Higher studies.
Challenges	<ul style="list-style-type: none"> • Curriculum development as per industrial needs. • Dynamic nature of IT field. • Training of faculty. • Research facilities.

Department of Mechanical Engineering

About the Department:

Established in the year 1992, the Department of Mechanical Engineering offers various academic programs, like B. Tech. (Mechanical Engineering), M. Tech. (Manufacturing Engineering), M. Tech. (Thermal & Fluids Engineering) and Ph.D. The department takes pride in its highly qualified and motivated faculty members most of whom are PhDs from IITs. The alumni of the Department have made a mark in industry and profession. Over the years, the department has maintained good academic and research culture. As a result, the faculty members in the department have published more than 600 papers in peer-reviewed international journals and conferences so far. Further, some of the laboratories have developed innovative products which are being patented for commercial usage. The Department has strong linkages with institutes like IIT Bombay and BARC. In addition, the Department has also conducted several continuing education programs (CEPs) and STTPs for the benefit of faculty and industry personnel.

Dr. Neeraj Agrawal
Head, Department of Mechanical Engineering

Vision:

The vision of the department is to achieve excellence in teaching, learning, research and transfer of technology and overall development of students

Mission:

Imparting quality education, looking after holistic development of students and conducting need based research and extension.

Overview of Academic Programs:

Academic Program		Duration	Intake
B. Tech	Mechanical Engineering	Four Years	54
M. Tech	Manufacturing Engineering	Two Years	16
M. Tech	Thermal Engineering	Two Years	16
Ph. D.	Mechanical Engineering	----	---

UG Students Statistical Information:

No of Students: 253

Faculty:

Sr. No.	Name of Faculty	Designation	Qualification
1.	Dr. N. Agrawal	Professor and Head of the Department	M. Tech. (Ref. & AC, Mechanical Engg.) Ph.D. (Mechanical Engg.)
2.	Dr. V. G. Sargade	Professor	M.Tech. (Mechanical Engg.) Ph.D. (Mechanical Engg.)
3.	Dr. M. S. Tandale	Professor	M.Tech. (Mechanical Engg.) Ph.D. (Mechanical Engg.)
4.	Dr. M. Sadaiah	Professor	M.E. (Production Engg.) Ph.D. (Manufacturing Engg.)
5.	Dr. R. P. Kate	Professor	M.Tech. (Enrgy Systems Engg.) Ph.D. (Mechanical Engg.)
6.	Dr. H. N. Warhatkar	Professor	M. Tech. (Mechanical Engg.) Ph. D. (Mechanical Engg.)
7.	Dr. B. F. Jogi	Professor	M. Tech. (Manufacturing Technology) Ph.D. (Nano Materials)
8.	Dr. R. S. Pawade	Associate Professor	M. E. (Machine Tool Engg.) Ph.D. (Mechanical Engg.)
9.	Dr. H. S. Joshi	Associate Professor	M.E. Mechanical- CAD/CAM Ph.D. Mechanical Engg.
10.	Dr. G. S. Warkhade	Associate Professor	M.Tech. (Thermal and Fluids Engg.) Ph. D. (Mechanical Engg.)
11.	Dr. D. B. Waghmare	Associate Professor	M. E. (Mechanical - Production Engg.) Ph. D. (Mechanical Engg.)
12.	Prof. S. R. Dhale	Assistant Professor	M. E. (Design Engg.) Ph.D. (Manufacturing Engg.)
13.	Mr. P. D. Agwane	Assistant Professor (Adhoc)	M. Tech (Design Engg.) Ph.D. (Mechanical Engg)(Pursuing)
14.	Mr. N. Kulkarni	Assistant Professor (Adhoc)	M.Tech (Machine Design) Ph.D. (Mechanical Engg)(Pursuing)
15.	Mr. P. Dange	Assistant Professor (Adhoc)	B.E (Mechanical Engg.) M.Tech (Thermal and Fluid Engg.)
16.	Miss. N. Patil	Assistant Professor	B.E (Mechanical Engg.)

	(Adhoc)	M.Tech (Thermal Engg.)
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Advisory Board:

Advisory Board	
1	Prof. Shripad P. Mahulikar
2	Dr. Debdatta Ratna
3	Mr. Vivek Garg
4	Dr.Shendage Dadasaheb J.
5	Dr. R.K. Shrivastava
6	Mr. Adosh Thomas Varekat

Departmental Strengths, Weaknesses, Opportunities and Challenges:

Major Strengths	<ul style="list-style-type: none"> • Qualified and Experienced Faculty. • Advanced Research Facility. • Research culture through PGs and PhD programme. • No faculty attrition. • Industry surrounding.
Weaknesses	<ul style="list-style-type: none"> • Soft computing. • Availability of latest software. • Decline admission at UG and PG. • Sufficient manpower. • In line with technology upgradation. • Student placement. • No grant for M. Tech. Program.
Opportunities	<ul style="list-style-type: none"> • Collaboration with surrounding industries. • Funded Research projects. • Research Publications, Certificate programmes. • Training and research collaboration with affiliated institutes. • Industrial consultancy.
Challenges	<ul style="list-style-type: none"> • UG/PG admissions. • Student placement. • Keeping phase with Technology Upgradation. • Soft computing.

Department of Petrochemical Engineering

About the Department:

Department of Petrochemical Engineering holds the unique distinction of being the first department established in this university with the intake capacity of 30 students in 1989. Department has good infrastructure facilities, well equipped laboratories, advanced software and a blend of experienced and young dynamic faculty. Department have organized different workshops at national level on topics like Energy conservation, Plant Utilities and Steam Engineering in the last three years. From the academic year 2008-2009 the intake capacity of students for the department have been increased to 60 from 30. Over the year's department faculty have received grants for different projects from AICTE, UGC and TEQIP. Department students are performing excellently in different fields like Industry, Academia, Research and Management all these years.

Dr. Sangeeta S. Metkar
Head, Department of Petrochemical Engineering

Vision:

The Department of Petrochemical Engineering aims to be ranked amongst the best departments in India for its teaching, research, creativity and innovation.

Mission:

To provide high quality education to enable our graduates to identify and achieve their goals.

Overview of Academic Programme:

Academic Programme	Name of Programme	Duration	Intake
Bachelor of Technology (B. Tech.)	Petrochemical Engineering	Four Years	60

UG Students Statistical Information:

No of Students: 190

Faculty:

Sr. No.	Name	Designation	Qualification	Area of Interest
1	Dr. S. S. Metkar	Professor and Head of the Department	Ph. D	Refinery Engineering & Separation Process
2	Prof. V. P. Jawanjil	Associate Professor	M. Tech	Reaction Engineering & Membrane Separation
3	Dr. S. M. Mhatre	Assistant Professor	Ph. D	Mass Transfer Operation
4	Dr. D. Pawar	Assistant Professor (Adhoc)	Ph. D	Catalytic Cracking of cottonseeds vegetable oil Refinery
5	Ms. H. Jadhav	Assistant Professor (Adhoc)	M. Tech	Heat Transfer Operation
6	Ms. V. Pawar	Assistant Professor (Adhoc)	M. Tech	Process Equipment design & Drawing
7	Ms. L. Rawoot	Assistant Professor (Adhoc)	M. Tech	Distillations & Separation techniques

Advisory Board:

Sr.No.	Name	Designation	Organization/Industry
1	Dr. S. S. Metkar	Chairman	Dr. Babasaheb Ambedkar Technological University, Head of the Department, Petrochemical Engg.
2	Prof. V. P. Jawanjil	Associate Professor	Dr. Babasaheb Ambedkar Technological

			University, Department of Petrochemical Engg.
3	Mr. M. Purohit	Sr. Vice President (Work)	Vinati Organics Ltd. Mahad
4	Mr. S. Sheth	Unit Head	Indian Peroxide Ltd. Bharuch Gujrat
5	Dr. A. Kulkarni	Scientist	CSIR National Chemical Laboratory
6	Mr. S. Desai	Director	OptechEngg. Pvt.LtdWagle Estate Thane.
7	Dr. S. J. Wagh	Principal	SRICT, VatariaGujrat
8	Dr. A. Yawalkar	CEO and Managing Director	A Sai Vishwa Specialty Chemicals Pvt. Ltd. Tomboy

Departmental Strength, Weakness, Opportunities and Threats:

Major Strengths	<ul style="list-style-type: none"> • Dedicated and motivated faculty members. • The curriculum design is a perfect blend of core chemical engineering content along with extension to the area of petroleum sector in depth. • Curriculum is designed to take care of changing scenario in terms of techno-economic as well as social changes. For this software based courses, inclusion of industrial training and interdisciplinary interaction are encouraged. • The department regularly gets handful amount of funding from AICTE, UGC, and State Government by way of various research or other projects. • Guidance and support from Alumni.
Weaknesses	<ul style="list-style-type: none"> • Maintenance of equipment and analytical instruments is a big challenge. Lack of expertise at local level in addition to unavailability of spares adds to sudden disruption. • Lack of permanent and adequate space for laboratory and class room. • Faculty shortage.
Opportunities	<ul style="list-style-type: none"> • The University is surrounded by industrial belt (Especially Chemical Industries and petrochemical Complexes). • Every year many of our students get placement in reputed industries like Infosys, Cognizant, and many chemical industries but still there is a scope for full utilization of nearby industrial environment for betterment of student community. • Conducive environment for Collaborations and Availability of Industrial Expertise.
Challenges	<ul style="list-style-type: none"> • Getting qualified faculty members and improving their retention period. • Attracting good CET score students for UG programme.

Department of Chemistry

About the Department:

Department of Chemistry was established in the year 1989 with B.Tech. programs in various fields of Engineering and Technology. Laboratory is well equipped with state-of-art analytical equipments such as Chemical Oxygen Demand, Dissolved Oxygen setup, Gas Chromatography, UV- Visible Spectrophotometer, Photo reactor etc. Department is having five experienced and dedicated faculty members. Their contribution towards academic and other activities for the department add beneficial values. Department is engaged in

research by offering Ph.D. programs in Chemistry since 2003. Department has published good numbers of research papers in the area of Photocatalyst, Environmental Chemistry, Solid State Chemistry, Phytochemistry etc.

Dr. P. B. Lokhande
Head, Department of Chemistry

Vision:

To achieve academic and research excellence in the multidisciplinary areas of Chemical Sciences and Technology.

Mission:

To impart the basic and advanced knowledge of Chemistry and their applications to various fields of Engineering and technology.

Overview of Academic Programs:

Academic program	Duration	Intake
Engineering Chemistry B.Tech First year	Sem- I and II of 2021-22	540+
Advanced Engineering Chemistry B.Tech Second year (Chemical and Petrochemical)	Sem-III of 2021-22 (Theory) Sem-IV of 2021-22 (Practical)	150+

Faculty:

Sr. No	Name of Faculty	Designations
1	Dr. P. B. Lokhande	Professor and Head of the Department
2	Dr. H. A. Mujawar	Professor
3	Mr. S. V. Salunkhe	Assistant Professor (Adhoc)
4	Miss. M. M. Kadam	Assistant Professor (Adhoc)
5	Miss. S. B. Kamble	Assistant Professor (Adhoc)

Advisory Board:

Sr.No.	Name	Designation
1	Dr. P. B. Lokhande	Professor and Head
2	Dr. H. A. Mujawar	Professor
3	Dr. M. H. Pendse	Associate Professor and Head, Walchand College of Engineering, Sangli (External)
4	Dr. B. B. Singh	Professor (External)

Departmental Strengths, Weaknesses, Opportunities and Challenges:

Major Strengths	<ul style="list-style-type: none"> • Qualified and experienced faculty. • Laboratory is well equipped with state-of-art analytical. • Active involvement of faculty in different administrative works. • Good number of publications in reputed international and national journals.
Weaknesses	<ul style="list-style-type: none"> • As per UGC / AICTE we have to maintain student teacher ratio therefore department is having shortage of teaching and Technical Laboratory Staff. • Lack of sufficient space in the main building. • Industry - Academia interaction.

Opportunities	<ul style="list-style-type: none"> • There are numerous opportunities for us to interact with industries and CSIR / DST research laboratories to carry out joint minor/ major research projects however it is very difficult due to above mentioned weaknesses. • To start PG courses in Chemistry.
Challenges:	<ul style="list-style-type: none"> • As this University is now become State Technological University, many of the Engineering and Technological Colleges / Institute across the State of Maharashtra going to affiliate in next Academic Year. The newly designed syllabus will be implemented to them therefore it will be a big challenge for us to interact and cooperate with the faculty members of Affiliated Colleges for smooth functioning of their academic activities. • To establish the full-fledged separate department with multidisciplinary courses.

Department of English

About the Department:

The Department is established in the year 1989. The Department is committed to transform the scene of education in the area of English language. The staff members are also trying to implement different teaching-learning strategies for the actual experiences. It is also the endeavour of the Department to contribute the world of research due to which the department would be a major player in the world of education. Since the inception department is involved in curricular and extra-curricular activities at the University. The Department of English offers courses, entitled 'Communication Skills' and 'Basic Course in Human Rights'. The Department has established a Language Laboratory in the academic year 2005-2006 to set a very good example of teaching learning through the use of technology.

Dr. A. P. Shesh
Head, Department of English

Vision:

To impart the linguistic proficiency to the students of engineering and technology in order to make them world leaders.

Mission:

The Department aims to develop the students as the industry professionals with discipline and skills required to play the role of good citizen. It also aims to establish links with other institutions and industry for the enhancement of knowledge skills.

Faculty:

Sr. No	Name of Faculty	Designations	Qualification
1	Dr. A. P. Shesh	Associate Professor and Head	M. A. (English), Ph. D.
2	Mr. S. Y. Kolekar	Assistant Professor (Adhoc)	M.A.(English, NET 03 Times)
3	Mr. R. L. Dhanpalwar	Assistant Professor (Adhoc)	M. A. (English), M. Phil., SET, NET, and Ph.D. (Ongoing)

Plan of Action:

- More interactive teaching and internal assessment.
- To undertake research in English Literature and ELT.
- To introduce training in different foreign languages which would be useful for the students for employment.

Department of Mathematics

About the Department:

The Department of Mathematics came into existence in the year 1989. The Department is mainly devoted at present to impart education of Mathematics at UG level. That is why, it has taken all the various aspects into consideration while framing the course structure of Mathematics subjects at UG/Doctoral level to suit the requirements of today's Scientists, Engineers and Applied Mathematicians. To meet the end, the subjects like Engineering Mathematics I, II and III have been introduced at UG level of engineering education of our University. In this way, the first objective of the Department while framing the syllabi has been to make available much of post-calculus Mathematics needed and used by scientists and engineers, in a setting that is helpful to both engineering students and faculty.

Dr. V. J. Bansod
Head, Department of Mathematics

Vision:

The Department of Mathematics strives to be recognized for excellence among academic institutions in India and abroad through the depth of its teaching and research, and to be locally relevant through its role in the development of the community it serves. The Department wishes to focus on providing a comprehensive curriculum at undergraduate, postgraduate and Ph.D. programmes, relevant to research and career opportunities in India and abroad.

Mission:

To promote teaching, research and mathematical understanding of students, and to inculcate in a student a deep sense of analysis of all fundamental principles, concepts and practices in the specialized areas of sciences, engineering and technology.

Overview of Academic Programs:

Academic programme	Duration
Ph.D.	Minimum 3 years

Faculty and Staff:

Sr.No.	Faculty	Designation	Qualification	Area of Specialization
1	Dr. V. J. Bansod	Professor	M.Sc., Ph.D. (IIT Kanpur)	Computational Fluid Dynamics
2	Mr. R. Sonawane	Assistant Professor (Adhoc)	M.Sc	Applied Mathematics
3	Mrs. R. Rahul Oka	Assistant Professor (Adhoc)	M.Sc	Applied Mathematics
4	Miss. A. Tambe	Assistant Professor (Adhoc)	M.Sc	Applied Mathematics
5	Miss. D. Phantagare	Assistant Professor (Adhoc)	M.Sc	Applied Mathematics

Departmental Strengths, Weaknesses, Opportunities and Challenges:

Major Strengths	<ul style="list-style-type: none">All the faculty members of the Department are holding the Doctoral qualifications.
Weaknesses	<ul style="list-style-type: none">Unavailability of adequate number of regular teaching positions in the Department.
Opportunities	<ul style="list-style-type: none">Starting of a five year integrated M.Sc. programme in Mathematics.
Challenges	<ul style="list-style-type: none">Maintenance of the quality of teaching at UG level.

Department of Physics

About the Department:

The Department of Physics was established in the year 1989 to offer a foundation in Physics to provide all basic and scientific knowledge to the various disciplines of undergraduate students of Engineering and Technology. The Department has started Ph. D programme from the academic year 2004. Department is also offering fellowship to Ph.D. students under University scheme. The curriculum designed is a perfect blend of Physics. The focus of the Department is to produce graduates & PhD with strong fundamentals in Physics and Applied Physics. Eight students have completed their PhD in the various fields of CMR materials, Nano Ferrites, Carbon nano tubes and fuel cells. Three Research Scholars are working in Nano Ferrites, Multiferroics and Meta-materials. Department contributed to NEP -2020 under the scheme of AICTE by translating the Physics books in Indian language as Marathi.

Dr. S. G. Dahotre
Head, Department of Physics

Vision:

To promote excellence in teaching, learning, research and transfer of science and technology and overall development of students.

Mission:

To inculcate in the students a deep understanding in science and scientific principles in order to develop strong basis for acquiring technical knowledge and skill.

Faculty:

Sr.No.	Name of Faculty	Designation
1	Dr. S. G. Dahotre	Professor and Head of the Department
2	Dr. S. N. Jadhav	Assistant Professor (Adhoc)
3	Mr. A. S. Wakchaure	Assistant Professor (Adhoc)
4	Ms. S. D. Raut	Research Scholar (Adhoc)

Advisory Board:

Sr. No.	Name	Designation
1	Dr. B. R. Sankapal	Professor

2	Dr. K. Y. Rajpure	Professor
3	Dr. V. S. Sangawar	Professor
4	Dr. S. B. Ojha	Associate Professor
5	Dr. S. N. Bhole	Assistant Professor
6	Dr. S. S. Potdar	Assistant Professor
7	Dr. K. R. Zakade	Assistant Professor

Departmental Strengths, Weaknesses, Opportunities and Challenges:

Major Strengths	<ul style="list-style-type: none"> • Highly dedicated and motivated faculty members. • The curriculum design is a perfect blend of Physics for all Engineering branches. • Research publications by faculty members. • Well equipped labs for UG and Research Scholars.
Weaknesses	<ul style="list-style-type: none"> • Lack of well Equipped Laboratory for 3D Physics SCADA Equipment. • Faculty shortage: Presently faculty strength of the department is one (01). However, Department activities are carried out by appointing faculty on contract basis and also by appointing teaching assistants.
Opportunities	<ul style="list-style-type: none"> • To start the M.Sc. Tech. Programme in Advanced Physics and material science. • To start B. Tech Programme in Engineering Physics.
Challenges	<ul style="list-style-type: none"> • Managing all Departmental activities with the help of available faculty members. • Recruitment of qualified faculty members having Ph.D. Qualifications. • Attracting good students for Ph.D. programmes.

Institute of Petrochemical Engineering

About the Institute:

The Institute of Petrochemical Engineering is a conducted institution of Dr. Babasaheb Ambedkar Technological University Lonere, was established by government of Maharashtra under the World Bank Assisted Project. Over the years it has grown into a premier institution with excellent teaching-learning environment to achieve excellence in imparting quality technical education thereby generating technocrats compatible with needs of current industries & society. This Institute is a conducted institution of the University running Diploma Courses in eight streams of Engineering and Technology and one Advanced Diploma in Water Quality Management. All the diplomas are awarded by the University. The Institute extends its services to the society through a scheme of "Community Developments through Polytechnic" sponsored by MHRD, New Delhi by educating the dropouts and empowering them with technical skills. For the rural youth, dropouts and women three to six month's duration certificate programs are conducted. Every year around 500 youth are given training in Computer, Auto-Cad, Electrician, Welding, Tailoring and other skills through various off-campus centers located in surrounding villages and hilly areas.

All the departments have required Laboratory facility available and they are updated regularly. Students are encouraged to participate in various competitions held in other institute or in this institute in field of culture, sports, paper presentations etc. Regular one-month industrial training after fourth semester is included in curriculum so that students get acquainted with industry work culture and try to correlate theoretical knowledge with practical applications. Apart from this, industrial visits of final year students are regularly arranged in surrounding industries. Each department has their student's association, which conducts department level programs such as expert talk, technical quiz/competition, engineers and teacher's day celebration and parent meets. This helps in improving managerial skills, soft skills and in turn overall development of students. Response in parent meet is very good and parents' feedback is quite good. The result of final year students is very good. Students of chemical/petrochemical engineering are securing admission to B. Tech. at LIT Nagpur while students of Computer, IT, electronics and telecommunication and instrumentation Engineering are securing admission for graduation after diploma at COEP Pune, VJTI, PICT Pune and other reputed institutes in Maharashtra. All the staff members are sincerely working for the development of the institution. With the sincere and dedicated efforts of our faculty and staff members, this institute has become well known for diploma education in Maharashtra State.

Dr. M. A. Dabhade
Principal, IoPE

Vision:

To transform the institute into a seat of learning and contemplation so as to provide comprehensive technical education at Diploma and Post Diploma level and create world class technicians oriented towards lifelong learning.

Mission:

We in this institute commit ourselves to realize our vision through continuous quality improvement of faculty and staff adopting a vibrant curriculum and scientific delivery and a culture of transforming an appropriate technology to rural areas and the underprivileged people.

- **Oxygen Audit:**

During peak Corona period our faculty members conducted Oxygen Audit of Covid hospitals of Mangaon, Mahad, Shrivardhan and Mhasala. During peak Corona period our faculty members conducted Oxygen Audit of Covid hospitals of Mangaon, Mahad, Srivardhan and Mhasala.

- **School Connect** is an important activity to improve admission, create awareness about technical education, government scholarship schemes and facilities and opportunities after diploma education.

All the faculty members visited schools of Magaoan, Mhasala, Poladpur, Mahad, and Shrivardhan Taluka and collected around 4200 student's data.

- **Pragati Scholarship of AICTE, New Delhi:**

Fifteen girl students of first year admitted in academic year 2021-22 received AICTE PRAGATI Scholarship of Rs. 50,000 each per year.

Overview of Academic Programme:

Academic Programme	Duration	Intake
Diploma	Three Years	60 for all branches

Training and Placement:

Placement of final year students is satisfactory. Around thirty industries have visited institute for placement activity and selected thirty-nine students till now. Still this selection process is going on. The average package of students is from 1.5 to 3 lacs per annum.

Sr. No	Branch Name	No of Students Placed
1	Instrumentation Engineering	11
2	Polymer and Plastics Engineering	6
3	ADWQM	22

Department Wise Enrollment of Students During 2021-22:

Discipline	First year	Second year	Third year
Chemical Engg	66	72	68
Computer Engg	69	76	63
Electrical Engg	68	74	74
Electronics and Telecommunication Engg	36	72	28
Instrumentation Engg	46	72	71
Information Technology	69	76	69
Petrochemical	25	76	36
Polymer and Plastics Engg	03	03	07

Institute's Strengths, Weaknesses, Opportunities and Challenges:

Strengths	<ul style="list-style-type: none"> • Dedicated and highly qualified experienced faculty. • Learning environment for the students with multiple programs, student's association, guest lectures and industrial visits through Alumni. • Separate wing of department with spacious labs. • The Institute have a registered Alumni institute for the betterment of the Institute. • Well-designed Academic curriculum to meet the industrial requirement. • Transparent Teaching Learning Process. • Establishment of good industry interaction with surrounding industries has made it possible to avail of expert visiting faculty and opportunities for the students for industrial visits.
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<p>Weaknesses</p>	<ul style="list-style-type: none"> ● Long term planning to achieve the goals with infrastructure and equipment's. ● Shortage of faculty to meet required Student-Faculty ratio as per AICTE and NBA norms. ● Inadequate technical and non-technical supporting staff. ● Lack of Departmental level computer Centre and net facility. ● Non availability of own Bus facility at Institute level. (For industrial Visit and field trip for students and /staff). ● Department receive less funding to improve/modernize lab and infrastructure. ● Lack of classroom and laboratory space. ● Lack of funding to add facilities.
<p>Opportunities</p>	<ul style="list-style-type: none"> ● To develop renewable energy laboratory. ● To participate in various National and State level events. ● Being part of State Technological University chances of funding, other emerging resources, rising prospects, career opportunities may be available to the Department. ● Polymer and Plastic Department would be one of major source of testing in kokan region.
<p>Challenges</p>	<ul style="list-style-type: none"> ● To increase the Diploma admission. ● To get industry sponsored projects ● It is a challenge to sustain the habit of using latest technology in learning process i.e <ul style="list-style-type: none"> ○ To use Moodle as a mode of teaching – learning - evaluation methodology. ○ To have more use of ICT tools in teaching-learning process. ○ To start virtual laboratory practices. ○ To participate in Swayam/NPTEL certification courses. ● To get NBA accreditation. ● To constantly upgrade the syllabus considering the current technology used in industry. ● Retain ambitious highly qualified faculty and staff.

Library

Introduction:

The Library plays an important role in supporting the academic program of the University. It is an integral part of the educational process in the University Campus. It is established immediately after the establishment of the University in 1989. The Library helps the teachers, students, researcher to explore updated and latest information related to their field of interest. It also helps them to get information through different media that can be useful for them for writing their research paper, dissertation thesis etc. The existing Library occupies spacious area about 21000 sq. feet. The Library has rich collection of 100887 books. The Library is having open access. The Library collection includes Textbooks, Reference books, Handbooks, Encyclopedias, Back volume of periodicals. Collected works of Dr. Babasaheb Ambedkar, Mahatma Gandhi and other important personalities are also available in Library, Light reading magazine, Novels and Story books in Hindi, Marathi, English literature etc are also available. The entire Library book collection is classified according to the **DDC**. (Dewey decimal classification) The Library is partially computerized with the help of **LIBMAN** (Library Software).

Library Committee:

The function of the Library committee is to administer, to organize to maintain and support the University Library, so that it can facilitate the Library development plan.

Sr. No.	Name	Designation
01	Dr. Y. S. Mahajan	HOD - Chemical Engg.
02	Dr. A. P. Shesh	HOD - English Department
03	Prof. G. S. Warkhade	Mechanical Engg.
04	Prof. V. J. Kadam	Information Tech. Engg.
05	Dr. S. S. Metkar	Petrochemical Engg

E – Resources:

Library is part of UGC-INFONET program of UGC. Based on the agreement signed with INFLIBNET centre, Ahmedabad, Library received following e-resources through the e-consortia of INFLIBNET.

Web Site: www.inflibnet.ac.in

Sr. No.	Resource Name	Subscription Type	Resource Type
1	Americal Chemical Society	Centrally Funded	Fulltext
2	Institute For Studies In Development (Isid) Database	Centrally Funded	Database
3	Springer Link 1700 Collection+Nature Database	Centrally Funded	Fulltext
4	Taylor And Francis Ess Collection (1076 Titles)	Centrally Funded	Fulltext
5	NDL	Centrally Funded	Database

Borrowing Facility:

Any registered member can borrow the books from the library as per their entitlements. Books on the loan with members can recall at any time before the due date if required urgently in the library. Failure to respond promptly may lead to suspension of Library Facility.

The entitlements in terms of number of books that can be borrowed by them are as follows:

Sr. No	Users Type	No. of Library Books Issue Per User	Books Duration	After Books Duration (Fine)
01	Teaching Staff	15	180 Days	-
02	Non Teaching Staff	05	30 Days	
03	Ad-hoc Teaching Staff	05	60 Days	
04	Ph. D. Students	07	15 Days	Per Day Per Book One Rs.
05	M. Tech. Students	07	15 Days	
06	B. Tech. Students	05	15 Days	

Library Profile: -

- Library Books : 42918
- Book-Bank Books : 50861
- Sc/St Collection : 7108
- **Total Number of Books : 100887**
- Periodicals :91
- E – Books :4931

**Innovation, Incubation and Enterprise (i2E) Centre at
Dr. Babasaheb Ambedkar Technological University**

The Dr. Babasaheb Ambedkar Technology University Forum of Innovation Incubation and Enterprise Incorporated as Section 8 company on 4th November 2019 the Corporate Identity Number of the company is (CIN No-U85300MH2019NPL332513). It will provide an ecosystem to enterprising students and immediate alumni of the University, its affiliated colleges and other emerging technology based businesses that would support their start-up phase and increase their likelihood of success. It will provide working space, flexible lease, common office and laboratory facilities, business guidance, mentoring, and other technical resources in network mode at the Main Centre of the University.

The Incubation Centre is able to host approximately six to ten clients at a time in a proposed 5,000 square feet facility that would include a mix of office and lab space & necessary infrastructure for prototype building & legal support. The facility is owned by the University and State of Maharashtra. The grant of Rs. 5 Cr is sanctioned by GoM for the duration of 5 Years, out of which first tranche/installment of Rs. 25 Lakh is received by the company. Looking into performance of 2020-21 second installment of Rs. 50 lakhs against sanctioned amount will be released soon.

The presence of Centre on the University campus, as Startup Ecosystem, is motivating the young engineers to become job provider rather than job seeker. This culture of creation of entrepreneurs is being propagated to colleges affiliated to the University.

This University Company has a network of a pool of industry professionals, technologists, and business owners that are willing to volunteer on the Advisory Board of the Centre. The advisory board members have been selected on the basis of their willingness to give time for interaction with the Executive Committee of the Centre on regular basis and provide guidance and mentoring at various stages of the businesses development to the Incubatee (s).

National Innovation and Start up Policy of the University is formulated and being implemented for smooth functioning of the Company.

Board of Directors of the Company

Sr. No.	Name	Organization	Designation on the board
1	Mr. M. Kamble	DICCI Chairman	Chairman
2	Dr. V. Vadke	ExTechProcessEngineering Ltd.	Director
3	Mr. T. Malkani	Angel Investor	Director
4	Mr. M. Singh	President ICIB	Director
5	Dr. S. L. Nalbalwar	Dr. Babasaheb Ambedkar Technological University.	Director and CEO
6	Dr. B. F. Jogi	Registrar, Dr. Babasaheb Ambedkar Technological University, Lonere	Invitee
7	Dr. S. V. Khobragade	Professor In charge Start-Up, I/c Finance Officer	Invitee

Executive Committee of the Incubation Centre:

Sr. No.	Name	Designation on the board
1	Dr. S. L. Nalbalwar, Head, Department of EXTC Engg.	I/c CEO / Director
2	Dr. S. M. Pore Head, Department of Civil Engg.	I/c Incubation Manager
3	Dr. A. W. Kiwalekar Head, Department Computer Engg.	Member
4	Dr. S. M. Jadhav Head, Department Information Technology	Member
5	Dr. B. Iyer Assistant Professor of EXTC Engineering	Member
6	Dr. R. S. Pawade Workshop Incharge & Associate Professor of MechEngg.	Member Secretary

Business Support:

- Business plan assistance.
- Mentoring support.
- Access to professionals with legal, financial, accounting, IP and industry.
- Expertise Showcasing events for exhibition of products and solutions.
- Networking events to facilitate interaction with investors and industries.
- Training program and seminars relevant to entrepreneurs.



**Tribal Development Centre (TDC), Dr. Babasaheb Ambedkar Technological University
And ITDP Ghodegaon, Pune**

**A Report of the Training Programme organized by the Tribal Development Cell, Dr.
Babasaheb Ambedkar Technological University, Lonere.**

A training programme for the tribal people in Kinwar region of Nanded District was organized from 17/05/2022 to 19/05/2022 at Kinwat. This programme was conducted by the Tribal Development Centre, Dr. Babasaheb Ambedkar Technological University, Lonere and Dr. Babasaheb Ambedkar Technological University Regional Centre, Aurangabad. The objective of this programme was to create awareness among the tribal people about the following areas:

- Provisions of the Pnachayats Act 1996 or PESA Act to ensure self-governance through traditional Gram Sabhas for people living in the Scheduled Areas of India.
- Find out possibilities of application of Engineering and Technology for improving the quality of life of tribal people and bring them into the mainstream.
- Preserve traditional artisan skills, building on local innovation and local knowledge systems in designing local resource management strategies through a participatory research approach.
- To improve existing equipment and machinery and introduction of new techniques and complete the technology package.

The inaugural programme started with the address of Shri. GirishjiKuber and other resource persons. The function was graced by the MLA of the region Shri. BhimraoKeram. He assured to extend all kind of cooperation for such missions in future. A team of the following experts with wide experience in this area supported the training programme.

Around 64 participants participated in the said programme with lot of enthusiasm. All of them were very eager to listen to the resource persons right from the day I. The resource persons like Shri. ChaitramPawar, Shri. GirishjiKuber, Shri. MilindThatte, Dr. SuhasAjsaonkar, Shri. Ranjit Desai, Shri. KeshavGurnule, Shri. AjitGavit, Dr. Atul Saraf were invited for this programme.

Out of these resource persons Shri. Ranjit Desai was an expert in Water Management. He guided about the Water Management in the different areas in this region. The session got a very good response from the audience. Dr. Atul Saraf identified the technical needs of the tribal in the region and developed a prototype of machine which can produce jaggery from sugarcane juice in a very short span of time. All other experts talked about PESA and other provisions for tribal people.

The participants also visited the nearby forest to conduct a survey of forest resources which can be economically beneficial for the tribal people. The valedictory function was presided over by the Registrar of the University and Coordinator of Tribal Development Centre Dr. BhagwanJogi. The Programme ended with vote of thanks to all the resource persons, Authorities of the Universities, Ministry of Tribal Development, Maharashtra Government and the participants.

(Dr. B.F. Jogi)
Associate Dean and TDC Coordinator



Dr. Babasaheb Ambedkar Technological University
'Vidyavihar', Lonere-402103, Tal. Mangaon, Dist. Raigad
Maharashtra State, India



DBATU NCC UNIT REPORT 2021-22

Dr. Babasaheb Ambedkar Technological University NCC Unit, one of the courageous parts of Dr. Babasaheb Ambedkar Technological University, had performed many social and cultural activities throughout the year. Presently the cadets of our unit are performing best in all of the events they are a part of. Here is the list of the activities cadets performed and participated in throughout the year under the supervision of Associate NCC Officer Capt. (Dr) Milind Bhagat sir.

- CATC 407
- Dr. Babasaheb Ambedkar Statue Inauguration at University (Constitution Day)
- Swachta Pakhwada
- 73 rd NCC Day (28 th Nov 2021)
- Volunteer at voter id registration at IOPE
- Clean-up Drive (NCC Day)
- 25 th National Youth Festival 2022
- Orientation Program
- Army day 2022
- Republic Day 2022
- Shiv Jayanti 2022
- Workshop on Achievement of Indian Education after Independence
- Workshop on Benefits of Digital India
- Workshop on Climate Change and Awareness Program
- Workshop on Sustainable Development Goals
- Bhim Jayanti Celebration 2022
- Maharashtra Day 2022
- Convocation Day 2022
- International Anti-Terrorism Day
- Guest lecture
- Blood Donation
- Marathon 2022
- World Environment Day 2022
- International Day of Universal Access to Information
- Addiction Free India Programme
- Dussehra Celebration and Shastra Puja

National Service Scheme (NSS)

In Dr. Babasaheb Ambedkar Technological University, Lonere 2627 students (1369 funded and 1258 self-funded) from the University and affiliated colleges have enrolled under the National Service Scheme.

In the year 2021-22, various programs have been organised under the NSS, such as 3779 plants have been planted in 32 Tree Plantation Programs, 732 units of blood were collected from the 15 Blood Donation Camps. On the other hand, various programs were organised by the University and affiliated colleges during the Covid-19 pandemic situation, like awareness during the Corona period, awareness about vaccination, etc. Almost 308 students have participated in the special camp of the NSS. Events like the National Unity Day, International Yoga Day, International Non- violence and Peace Day, etc. have been celebrated with a lot of enthusiasm in the University and affiliated colleges. Students, teaching and non-teaching staff of the University and affiliated colleges participated in these events.

Dr. Hemant Warhatkar
Coordinator
National Service Scheme

Chapter Four

Affiliated Colleges

Dr. Babasaheb Ambedkar Technological University Lonere was established on 5th May, 1989 by the Government of Maharashtra under the Dr. Babasaheb Ambedkar Technological University Act No. XXIX, 1989. University celebrated the Silver Jubilee Year in 2014. On 1 March, 2016 in a major milestone in the history of the University since its inception, the State Government declared the University as the State Technological University to which Engineering & Technology, Pharmacy, Architecture, Hotel Management and Catering Technology institutes from the State shall get affiliated. The University is committed to providing guidance and direction in quality technical education, research and development to meet the needs of industry, businesses, and society at large.

For smooth functioning of the State Technical University following the Regional Center and sub-Center created in the University.

Regional Center: 1) Mumbai 2) Pune 3) Nagpur 4) Aurangabad

Sub Center: 1) Solapur 2) Kolhapur 3) Amravati 4) Jalgaon 5) Nanded.

Since the affiliation process starts the following number of institutes get affiliated with the University for the Academic year 2021-22.

Engineering	Pharmacy	Arcitecture	HMCT	Total
63	163	2	6	234

Chapter Five

Convocations & Result Analysis

The 24th convocation of the University held on 11th May 2022. The Chief Guest for this Convocation was Prof. Anil D. Sahasrabudhe, Chairman, All India Council for Technical Education, New Delhi. The Vice - Chancellor presented the report of the academic and R & D activities at the University during this convocation.

- Examination Department
- On Screen Evaluation System
- Examination System of the University
- Unitization of Syllabus
- Credit System
- Continuous Evaluation
- Examination Results
- Remedial Teaching
- Complete Transparency

M.Tech2021

	12196 Civil Engineering (Infrastructure Engineering and Management)	12210 (Construction Management)	12212 (Structural Engineering)	12216 (Construction Technology and Management)
First Class with Distinction	7	4	65	20
First Class	3	0	14	0
Second Class	0	0	0	0
Pass Class	0	0	0	0
Total	10	4	79	20

12242 (Computer Science and Engineering)	12245 (Computer Engineering)	12260 (Software Engineering)	12292 (Electrical Power System)	12293 (Electrical Engineering)	12294 (Control System Engineering)	12341 (VLSI and Embedded Systems)
52	15	4	10	17	8	2
10	1	0	3	2	0	0
0	0	0	2	0	0	0
0	0	0	0	0	0	0
62	16	4	15	19	8	2

12370 (Electronics and Communication Engineering)	12372 (Electronics and Telecommunication)	12375 (Communications)	12376 (Electronics Engineering)	12380 (Electrical Drives and Control)
13	28	2	6	1
0	2	0	0	0

0	0	0	0	0
0	0	0	0	0
13	30	2	6	1

12507 (Chemical Engineering)	12601 (Design Engineering)	12604 (CAD-CAM)	12605 (Mechanical CAD-CAM)	12608 (Manufacturing Engineering)	12610 (Thermal Engineering)
2	18	5	8	4	9
0	0	0	0	0	1
0	0	0	0	0	0
0	0	0	0	0	0
2	18	5	8	4	10

12612 (Mechanical Engineering)	12613 (Mechanical Engineering (Production))	12614 (Mechanical Design)	12615 (Computer Science and Information Technology)	12619 (Machine Design)	12632 (Automation)
28	9	6	9	3	1
3	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
31	9	6	9	3	1

12901 (Power System)	12904 (Mechanical Engineering Design)	12914 (Thermal and Fluid Engineering)	12915 (Computer Science and Information Technology)	12919 (Power Electronics and Power System)	Power System Engineering
1	14	1	9	10	0
0	1	0	0	0	1
0	0	0	0	0	0
0	0	0	0	0	0
1	15	1	9	10	1
Total Admission : 426					

B. Tech 2021

	11191 (Civil Engineering)	11242 (Computer Science and Engineering)	11245 (Computer Engineering)	11246 (Information Technology)	11293 (Electrical Engineering)
First Class with Distinction	1934	1144	636	249	1134
First Class	1496	731	501	165	722
Second Class	12	1	1	0	2
Pass Class	0	0	1	0	0
Total	3442	1876	1139	414	1858

11297 (Electrical and Electronics Engineering)	11298 (Electrical Engineering Electrical and Power)	11356 (Electrical Engineering Electronics and Power)	11372 (Electronics and Telecommunication Engineering)	11376 (Electronics Engineering)	11461 (Biomedical Engineering)
49	33	109	1080	168	12
14	28	92	705	92	4
0	0	0	5	0	0
0	0	0	0	0	0
63	61	201	1790	260	16

11466 (Instrumentation Engineering)	11507 (Chemical Engineering)	11527 (Petrochemical Engineering)	11575 (Electrical and Instrumentation Engineering)	11602 (Automobile Engineering)	11612 (Mechanical Engineering)
53	134	26	17	20	2670
18	57	35	3	15	2092
0	1	1	0	1	9
0	0	0	0	0	1
71	192	62	20	36	4772
Total Admission : 16273					

Diploma 2021

	18245 Computer Engineering	18246 Information Technology	18293 Electrical Engineering	18372 Electronics and Telecommunication Engineering
First Class with Distinction	66	69	72	67
First Class	3	2	1	1
Second Class	5	2	11	0
Pass Class	0	0	0	0
Total	74	73	84	68

18466 Instrumentation Engineering	18501 Polymer and Plastic Engineering	18507 Chemical Engineering	18527 Petrochemical Engineering	Advanced Diploma in Water Quality Management
78	10	89	75	2
1	0	2	1	2
3	0	3	2	1
0	0	0	0	0
82	10	94	78	5
Total Admission : 568				

Master of Pharmacy

	14126 Quality Assurance Techniques	14817 Pharmaceutics	14821 Pharmacology	14822 Pharmaceutical Chemistry
First Class with Distinction	3	18	7	6
First Class	1	9	2	0
Second Class	0	0	0	0
Pass Class	0	0	0	0
Total	4	27	9	6
Total Admission : 46				

M.Arch

	17032 General	17037 Environmental Architecture	17047 Urban Design	17210 Construction Management
First Class with Distinction	6	1	2	13
First Class	1	4	7	3
Second Class	0	0	0	0
Pass Class	0	0	0	0
Total	7	5	9	16
Total Admission: 37				

B. Voc

	19104 Electronics Manufacturing Services	19108 Industrial Tool Manufacturing	19112 Software Development
First Class with Distinction	0	0	5
First Class	2	7	26
Second Class	1	1	5
Pass Class	0	0	0
Total	3	8	36
Total Admission : 47			

B. Pharm

Sr.No	Course Code	Course Name	Total
1	188823	Bachelor of Pharmacy	1042

Chapter Six

Administrative Staff

Sr. No	Name	Designation
1	Mr. Prasad Krushnaji Pendse	PA to Vice – Chancellor
2	Mr. Vilas Sitaram Chavan	University Engineer
3	Mr. Ganpat Hari Kalsekar	Store Verification Officer
4	Mr. Chandrakant Damaji Tembhe	Administrative Officer
5	Mr. Vikas Shankar Gaikwad	Assistant Registrar
6	Mr. Ramchandra Sahebrao Metkari	Auditor
7	Mr. Ashok Rama Pawar	Store Keeper
8	Mr. Ajay Raghunath Palkar	Assistant Librarian
9	Mr. Mangesh Sundar Ghosalkar	Assistant Librarian
10	Mr. Pandarinath Bala Nawale	Office Superintendent
11	Mrs. Surekha Tukaram Awhad	Office Superintendent
12	Mr. Vikas Shivram Magar	Office Superintendent
13	Mr. Santosh Anant Mahadik	Stenographer (English)
14	Mr. Vinayak Harischandra Tavsalkar	Cashier
15	Mr. Pravin Vishnu Ware	Senior Clerk
16	Mr. Babu Damu Batawale	Senior Clerk
17	Mr. Vijay Pandurang Andhere	Senior Clerk
18	Mr. Kiran Raman Batawale	Accountant
19	Mr. Narayan Tulshiram Shinde	Accountant
20	Mrs. Snehal Milind Langi	Senior Clerk
21	Mr. Sandip Devendra Nivate	Senior Clerk
22	Mr. Manoj Anna Bhingare	Clerk – Cum- Typist
23	Mrs. Reshma Ramesh Mahaprokar	Clerk – Cum- Typist
24	Mr. Vivek Namdev Khargaonkar	Junior Clerk/ Typist
25	Mr. Tukaram Gangaram Hambir	Junior Clerk
26	Mr. Sunil Shantaram Salunkhe	Clerk – Cum- Typist
27	Mr. Machindra Ramchandra Naik	Clerk – Cum- Typist
28	Mr. Parshuram Balu Thale	Clerk – Cum- Typist
29	Mr. Ramesh Trimbak Deshmukh	Driver

Supernumerary

Sr. No	Name	Designation
1	Mr. Mahesh Laxman Koli	Senior Clerk
2	Mr. Prashant Parshuram Pendhari	Lab Assistant (Technical)

Non – Teaching Staff

Sr. No	Name	Designation
1	Mr. Satish Baburao Sonawane	Workshop Instructor
2	Mr. Pandurang Bandu Patil	Workshop Instructor
3	Mr. Chandradeep Vasant Jaitpal	Workshop Instructor
4	Mr. Hemant Ramesh Washikar	Electrician
5	Mr. Motiram Dattatrey Patil	Molder
6	Mr. Pradil Shankar Shrivardhankar	Machinerist
7	Mr. Ramesh Mahadev Chavan	Lab Technician

8	Mr. Bhanudas Damodar Bairagi	Lab Technician
9	Mr. Sanjay Tukaram Jadhav	Lab Technician
10	Mr. Suresh Ganpat Lad	Lab Technician
11	Mr. Yogesh Namdev Kamble	Lab Technician
12	Mrs. Shubhangi Shivaji Patil	Lab Technician
13	Mr. Sanjay Dadaji Patil	Lab Assistant (Technical)
14	Mr. Sandip Madhukar Borase	Lab Assistant (Technical)
15	Mr. Dilip Vasant Bhingare	Lab Assistant (Technical)
16	Mr. Govind Vitthal Jadhav	Lab Assistant (Technical)
17	Mrs. Manisha Umesh Sakate	Lab Assistant (Technical)
18	Mr. Chetan Arjun Juikar	Lab Assistant (Technical)
19	Mrs. Pramila Shantaram Padval	Lab Assistant (Technical)
20	Mr. Shubhangi Shivdas More	Lab Assistant (Technical)
21	Mr. Priyanka Nilesh Ware	Lab Assistant (Technical)
22	Mr. Apekshit Kantilal Patil	Lab Assistant
23	Mrs. Charushila Duryodhan Sutar	Lab Assistant
24	Mr. Kailas Pandurang Sontakke	Lab Assistant
25	Mr. Vikas Vitthal Rode	Lab Assistant
26	Mr. Akshay Aavesh Kadu	Lab Assistant
27	Mr. Mehul Vasant Korpe	Lab Assistant
28	Mr. Rohit Subhash Gamare	Lab Assistant

Class Four

Sr. No	Name	Designation
1	Mr. Suresh Bhagoji Davale	Main Security
2	Mr. Ravindra Barku Hatkar	Labrotary Attendent
3	Mr. Ganpat Bhagoji Pashte	Labrotary Attendent
4	Mr. Rohidas Chandar Konje	Labrotary Attendent
5	Mr. Damu Rama Pardhi	Security
6	Mr. Tukaram Sitaram Vaghoskar	Hamal/Attendent
7	Mr. Maruti Krushna Korpe	Hamal/Attendent
8	Mr. Dilip Mahadu Dhadve	Hamal/Attendent
9	Mr. Pandurang Sudkoji Tembe	Sweeper
10	Mr. Ajay Sudhakar Jadhav	Gardner
11	Ms. Vaishali V. Patil	Hamal/Attendent
