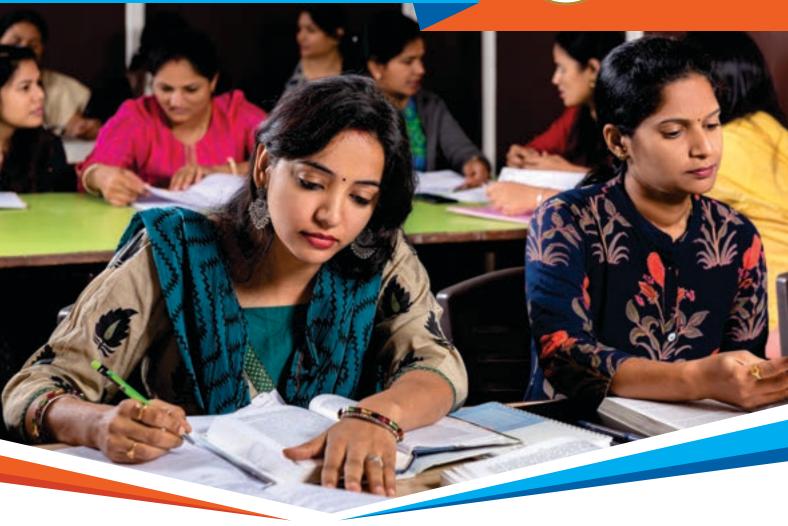
#### MIT ART, DESIGN & TECHNOLOGY UNIVERSITY

Rajbaug, Loni Kalbhor, Pune





## SCHOOL OF EDUCATION & RESEARCH



As a MITADTian you will become a part of the world-class team of educators who are committed to empower the learners to become transformational educators and

practitioners, through **Imagineering** teaching-learning approaches needed for **2 I**<sup>st</sup> **Century** 

#### MIT Group of Institutions, Pune

MIT Group of Institutions, Pune is one of the most prestigious groups in the academic sector known for its unique blend of value-based professional education in the areas of Engineering, Technology, Management, Medicine & Health Sciences besides Schools & Junior Colleges.

Maharashtra Institute of Technology, the flagship institute of MIT Group of institutions, Pune was established in the year 1983, under the aegis of Maharashtra Academy of Engineering and Educational Research or better known as MAEER, Pune. MIT is one of the first nine private Engineering institutions in Maharashtra. It is the culmination of Hon'ble Dr. Vishwanath D.Karad's vision, the Founding Father of MIT Group of Institutions, Pune that quality education should reach masses and be made available to every merit holder irrespective of one's class, creed or religion. The four-decade long journey of MAEER's MIT epitomizes the relentless pursuit of quality and excellence in the name of commitment and dedication, the nutriment of value and discipline, the quest of science and spirituality and in the enrichment of research and education. The academicians associated with MIT are committed not only to imparting knowledge but also augment the proficiency in their various fields.

MIT guides students to achieve their dreams and potential in this multi-disciplinary institute that weaves a mosaic of integrity, commitment and dedication. Carrying forward the baton of a new tomorrow and contributing to the industrial and economic growth of the society and nation at large, MAEER's MIT continues to build the gateway to student successful careers.





**70,000**+ Students



83+
Institutions



**2,00,000+**Alumni



#### MIT Art, Design and Technology University, Pune, India

MIT Art, Design and Technology University (MIT ADT University), a leap towards world class education is established by the renowned MIT Group of Institutions. It is UGC recognised multi disciplinary University located on the 125 acres of campus at Raj Baugh, Loni Kalbhor, which was previously owned by late legendary actor of Indian Hindi Cinema Raj Kapoor. The University campus is an embodiment of peace, serenity and tranquillity; aesthetically erected on the banks of Mula-Mutha river with its architecture ideation inspired from matrix of Saptarishi, Saptarang and Saptaswar. The magnificent world class state-of-the-art infrastructure with modern amenities with fully residential campus facility leads MIT ADT University to be one of the premium campuses.

MIT ADT University is a multi disciplinary University which offers programs at under graduate, post graduate and doctorate level in Engineering, Technology, Design, Management, Food Technology, Biosciences Engineering, Marine Engineering, Arts & Performing Arts, Broadcasting & Journalism, Film & Television and Education etc. Most of the programs are designed in such a way that they satisfy the current needs of the specific industry.

With a vision of Holistic Development, the University has designed compulsory core credits to foster the complete campus transformation of students as Winning Personalities and to be Corporate Leaders, Social Transformers & Nation Builders. University level Mega Gala Events, Persona Fest & Vishwanath Sports Meet are known nationwide. Techno-Cultural and sports events brings thousands of students from all over country at University campus.

#### **ART**

With its focus on empowering the most unorganized sector with skilled professionals, the Art Spectrum offers courses in unconventional streams like Dance, Music, Performing Arts, Broadcasting & Journalism, Film and Television, Applied & Fine Arts.

#### Design

The Design Spectrum has been designed keeping in mind the changing face of global consumers. The courses comprise of highly relevant curricula in a variety of fields. From Architectural Designing to Fashion Designing, Product Designing to UI UX Designing, the courses are novel & competitive and enable students to pursue professional excellence.

#### **Technology**

The Technology Spectrum is the perfect blend of conventional and modern courses that focus on strengthening the foundation while nurturing innovation in the field of technology. The Spectrum strongly promotes micro-specialized courses such as Artificial Intelligence, Cloud Computing, Data Science, Cybersecurity & Forensics, Blockchain, Aerospace Engineering, Robotics & Automation Mechatronics, Electric Vehicles, Transportation Engineering — Energy Engineering amongst many others. Research suggests that the demand for skilled professional from these fields would be high in the near future.



#### OUR TRUE SOURCE OF INSPIRATION

Hon'ble Prof. Dr. Vishwanath D. Karad

Founder, MAEER's MIT Group of Institutions, Pune President, MIT Art, Design & Technology University, Pune, India

Our truest source of inspiration, Hon'ble Dr. Vishwanath D. Karad, the founding father of MIT Group of Institutions, is a renowned educationalist. Hon'ble Dr. Vishwanath D. Karad is admired for his exemplary work in the field of higher education, human rights, spiritual sciences and spiritual advice. He has driven the MIT Group of Institutions to reach out to over 50,000 students across 75 institutions & 4 Universities. A true visionary, Hon'ble Dr. Vishwanath D. Karad has initiated some of the most ground-breaking activities under the banner of MIT Group of Institutions. Some of his initiatives include the International Robocon, Shri Saint Dnyaneshwar World Peace Prize, enhancement of pilgrimage centres at Alandi, Dehu, Pandharpur, etc. His relentless efforts and valuable contribution towards Human Rights and Democracy have resulted in Maharashtra Institute of Technology, receiving a UNESCO chair in 1998 from UNESCO Paris.

A staunch follower of Swami Vivekananda, Hon'ble Dr. Vishwanath D. Karad represented India in 'Parliaments of World's Religions' at the prestigious Salt Palace Convention, Salt Lake City, Utah (USA) in 2015. The convention was attended by over 10000 people, representing over 50 different faiths from over 80 Nations. Hon'ble Dr. Vishwanath D. Karad has also orchestrated a unique mission of establishing the world's largest dome as "Philospher Saint Shri Dnyaneshwar World Peace Center & Library", span across 160 feet in diameter and reaching 269 feet in height at the University campus. His vision 'to build a nation of competent individuals' is at the heart of MIT-ADT University. We aim at providing value-based education for academic excellence with various technical as well as cultural initiatives that fuel leadership qualities among our students.

#### **Constituent Institutes**



MIT School of Engineering





MIT Institute of Design



MIT School of Food Technology





MIT School of Architecture



MIT International School of Broadcasting & Journalism



MIT School of Fine Arts & Applied Art



MIT School of Film & Television



MIT School of Drama



MIT School of Education & Research



Maharshi Veda Vyas MIT School of Vedic Sciences



MIT School of Bioengineering Science & Research



MIT Vishwashanti Sangeet Kala Academy



MIT School of Humanities



MIT School of **I**ndian Civil Services



MIT School of Holistic Development



MIT School of Corporate Innovation & Leadership



MIT Centre for Future Skills Excellence



**Incubator Forum** 

#### **Vission & Mission**

#### **VISION**

MIT Art, Design and Technology University aspires to be the University of Eminence by amalgamating Art, Design, Science and Technology. The University aims to have a transformative impact on society through holistic education, multidisciplinary research ethos, innovation and entrepreneurial culture.

#### MISSION

The Mission of MIT Art, Design and Technology University is to provide impetus to faculty, learners, and staff by developing their innate intellectual capabilities, creative abilities and entrepreneurial mind-set for the socio-economic development of the nation.

We empower learners to become adaptive and agile global professionals through unique specialized programs building academia-industrial partnership. We nurture learners to be intellectually curious, technologically equipped, mentally sound, physically fit, spiritually elevated, socio-culturally sensitive, environmentally conscious through continuous holistic education for the everevolving world.

We provide technology-enabled learner-driven curriculum, value added courses, simulated learning environments, state-of-the-art infrastructure and opportunities for community engagement.













## "Universities are the reflection of the societies, collective knowledge & wisdom"

Prof. Dr. Mangesh T. Karad Executive President & Vice Chancellor, MIT Art, Design & Technology University, Pune

Dear Students and Parents,

MIT Art, Design & Technology University, Pune is a place for aspiring Innovators Entrepreneurs. MIT-ADT University, a leading futuristic multi-disciplinary University with a unique blend of Art, Design & Technology programs, prepares students for the future through its cutting-edge programmes and grooms them for their prospective workplaces through holistic education. Thus, increasing the learning agility and resiliency of students who are empowered to meet the ever-evolving needs of the world.

The University in a short span has been recognized as a distinctive university delivering academic brilliance with the vast and influential network, extensive research, and thoughtful approach, we have been instrumental in designing and customizing new 'out of the box' specialized UG programs, superspecialized PG programs, and initiatives in keeping with the prevailing employment trends and industry demands. Engineering Education at the university along with the usual engineering branches offers myriads of specializations like AI, Blockchain, Cybersecurity & Forensics Cloud Computing, Aerospace, Robotics, Bioengineering, Food Technology, and Marine Engineering and Nautical Science, to name a few. The School of Design is considered one of the best in India. Keeping in stride with its core vision to cater to Nation-building, University has launched the School of Indian Civil Services offering B.A. Administrative Services that will prepare students for administrative services. Along with this, few other new courses will commence in this academic year 2021-22, like M.A. in Art Therapy, M.A. / M.Sc. in e-learning, B.Sc. (Honours) in Applied Sciences, and more. Dear friends, University has taken unique initiatives for personalized education of students i.e School of Holistic Development. SHD transforms students into winning personalities, inculcating their resilience to face the challenges of the globalized world. Performing and creative arts, communication skills, physical fitness, foreign languages, literature, intercultural studies, SEVA, spiritual and value education are integral parts of the curriculum and every student at the university has to undergo these courses.

School of Corporate Innovation & Leadership offers bridge courses in Professional Soft skills, Behavioural skills, Employability Enhancement skills, Quantitative Aptitude, Logical Reasoning Verbal Ability based on industry requirements.

Friends, today's world economy is driven by innovation and led by entrepreneurship. The Indian youth aspires to take up this challenge & contribute to India's GDP. Keeping this in mind, Centre of Research and Innovation for Young Aspirants is established. Design thinking is a compulsory part of the curriculum. Regular Boot camps are organized through experts. Exposure to 3D printing labs/ makers lab/ supercomputing labs and other state-of-the-art technologies is given to the students. Project-based learning is practiced in University which builds their problem-solving abilities.

We are the First State Private University in Maharashtra to have recognition from NITI Aayog, Govt. of India for having an Atal Incubator forum on campus. And already 27 and more incubatees have been supported and mentored. To provide India's working professionals and graduates Centre for Future Skills Excellence (MIT-FuSE) is established with an opportunity to further their careers through distinctive online programs in association with global industry partners.

The university has not only transformed the challenging times as an opportunity in disguise for digital advancement in teaching but also in assessment & evaluation, as the university was the first one to conduct proctored examinations & declared results on time.

Friends, I believe that the real purpose of education is not to impact degrees but to groom students into global leaders and statesmen, who can lead nations and corporate with integrity. So, MIT-ADT University is committed to embarking on the journey of empowering its students to lead a meaningful and fulfilling life through an inclination for innovation, having a temperament of compassion for the world around, and a passion to become risk-takers by remaining deeply rooted in human values.

You are wholeheartedly welcome to the campus. Looking forward to meet you.

#### **GOVERNING BODY**

Prof. Dr. Vishwanath D. Karad

Founder, Trustee & Chief Patron - MAEER's MIT Pune, UNESCO Chair Holder

Prof. Dr. Mangesh T. Karad

President & Trustee - MAEER & Executive President, MIT-ADTU

Prof. Rahul Karad

**Executive President & Managing Trustee MAEER** 

Dr. Suresh Ghaisas

Trustee & Patron, MAEER, Pune

Prof. Prakash Joshi

Trustee & Patron, MAEER, Pune

Dr. Deepak Shikarpur

Director, Kinetic Communications Ltd

Shri. Raj Kamble

Founder & CCO at Famous Innovations

Shri. Vijayaraaj Bodhankar

Renowned Artist & Painter

Shri. A.S. Kiran Kumar

Former Chairman, ISRO

Prof. Dr. M. K. Surappa

Vice Chancellor, Anna University

Dr. Mahesh Chopade

Registrar

#### **BOARD OF MANAGEMENT**

Prof. Dr. Mangesh T. Karad

Vice Chancellor

Prof. Dr. Anant Chakradeo

Pro Vice Chancellor

Prof. Rahul Karad

Member, Governing Body

Dr. Suchitra Nagare

Nominated by Sponsoring Body

Mrs. Jyoti Dhakane

Nominated by Sponsoring Body

Mrs. Swati Chate

Nominated by Sponsoring Body

Prof. Dr. Sunita Karad

Dean, Faculty of Management

Prof. Dr. Kishore Ravande

Dean, Faculty of Research & Innovation

Dr. Vinayak Ghaisas

Teacher Nominated by Sponsoring Body

Prof. Dhimant Panchal

Teacher Nominated by Sponsoring Body

Dr. Ramakant Kaplay

Special Invitee

Dr. Mahesh Chopade

Registrar

National & International Placements



Paid Internships



Latest Pedagogy

#### "Implementing Creative Ideas into practical form of teaching"



Emerging Trends in Education



Skill Development



#### Be Education and Industry 4.0 Ready

Industrial Collaborations



Field-Based Practicum



Digital Literacy

Key to Success is to do the right Course at the right time.



Experiential Learning



Specialization through Electives







PG Diploma in Guidance & Counseling

(1 year)

Bachelor of Education B.Ed. (2 years)



#### The Office Bearers



Prof. Dr. Mangesh Karad

Executive President & Vice Chancellor
MIT-ADT University, Pune



**Dr. Anant Chakradeo**Pro-Vice Chancellor,
MIT-ADT University, Pune



Prof. Dr. Sunita Karad

Dean, Faculty of Management,

Director - ICT, MIT-ADT University, Pune



**Dr. Mahesh Chopade**Registrar
MIT-ADT University, Pune



Dr. Ramakant Kaplay Dean, Academics



**Dr. Ramchandra Pujeri** Dean, Student Affairs and Strategic Planning Cell



Dr. Rahul More
Director, MIT-SCIL & CRIYA
Director, Strategy, Innovation
and Operations



Dr. Mohit Dubey

Dean, Research & Consultancy Cell,
Director, AIC-MITADT
Incubator Fourm



Dr. Atul Patil
Director
MIT School of Holistic
Development



Prof. Suraj Bhoyar
Project Director,
MIT Centre for
Future Skills Excellence



**Dr. Dnyandeo Neelwarna**Controller of Examinations
MIT-ADT University, Pune



Ms. Nayana Godase
Chief Account &
Finance Officer





### PRO-VICE CHANCELLOR

Prof. Dr. Anant Chakradeo

Pro-Vice Chancellor, MIT-ADT University, Pune.

Dear Students and Parents,

It is a matter of great pride and intense emotional fulfilment to introduce you to MIT Art, Design & Technology University, Pune (MIT ADTU). We are a part of the prestigious MIT Group of Institutes that believe in the amalgamation of Science and Spirituality. We aim and work towards transforming it into a University of excellence and put it on the world map of renowned and desirable universities. This vast expanse of 125 acres is second home to students from all over the country and also several foreign students. The campus is a thriving hub for world class education, research, innovation and entrepreneurship. We cater to multidisciplinary domains like Engineering Technology, Design, Drama, Fine Arts, etc. by providing a cross cultural, holistic and nurturing environment. Beyond academics, the serene surroundings help students to focus on their spiritual and mental wellbeing. The campus is well equipped for physical training, sports and outdoor activities. The students can indulge in various fests, contests, competitions and activities to keep themselves active and entertained. All in all, MIT ADTU is a complete package to transform your children into successful professionals and socially sensitive leaders of the world. I will be happy to be the link between all stakeholders of MIT ADT University by connecting the Heads of all Institutes, Senior Management, Teaching and non-teaching staff, and above all Students and Parents. Welcome to MITADT University, the New Age University with unlimited opportunities.



#### FROM PRINCIPAL'S DESK

#### Dr. Asawari Bhave - Gudipudi

Principal, School of Education and Research MIT Art, Design & Technology University, Pune

Education plays a very crucial role in molding a person and making them a better citizen. Till date plenty has been written about the quality of education that needs to be imparted to the millennial generation children. We talk about exploring education beyond classrooms, the need for child nurturing pedagogy, skill development programs for children from various age groups, fostering creativity, problem solving ability and critical thinking etc. All the above is the need of the hour, but this can be achieved only if proper training and skills are imparted to the teachers that will help them to disseminate quality education to the generations to come. A teacher with 20th century skills is irrelevant in the 21st century as the challenging environment requires teachers to constantly update their knowledge and expand their skills. It is imperative as a teacher training institute to not only provide training to trainee teachers but also to do the capacity building of the in-service teachers. Teacher pre-service and in-service training is not incorporated into a common system; there is no continuity between training and real-life professional teaching experiences. While unlearning the previous teaching practices and beliefs is no longer questionable, teachers are rarely exposed to innovative alternatives. Having said this, today just being a typical teacher training institute is passé', the teacher training institutes need to go beyond prescribed teacher education curriculum, beyond traditional classroom structure and train teacher trainees with latest pedagogy and hone their teaching learning skills keeping in mind the latest trends in education.

We believe in being the change to bring in the change!!



"We at School of Education & Research aspire to be a global learning community rooted in the ethos of value-based educational excellence and innovation for transforming learners into humane change agents for the ever evolving world."



The mission of School of Education & Research is to provide intellectually stimulating and inclusive environment metamorphosing learners into creative and reflective global education professionals and entrepreneurs. We intend to empower learners through technology-enabled teaching-learning practices, impactful research, innovative pedagogies, social engagements, and meaningful outreach initiatives to become life-long learners and ethical citizens of the world.

# DARES TO TEACH SHOULD NEVER CEASE TO LEARN





State-of-the-art Infrastructure



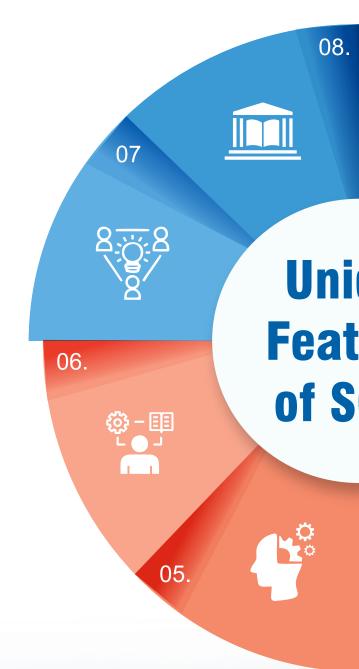
Emphasis on Research



Practical and field based learning



Technology an integral part of learning









Stress on multi & inter disciplinary approaches



Qualified and dedicated faculty



Curriculum - Global standards rooted in local values



Future bound : Teaching learning practices











**EDUCATE** 

**EMPOWER** 

**EVOLVE** 



# Why Choose SOER?

#### **LEARNER CENTRIC**

- Mentoring and coaching
- Performance based assessment
- Skill based program
- Technologically driven pedagogy & curriculum

#### **ACCOUNTABILITY**

- Part of a renowned University
- UGC and NCTE recognized
- Interdisciplinary approach with specializations based on recent trends
- Value based education system

#### **INDUSTRY ORIENTED**

- Updated syllabus as per industry needs
- Collaboration with industries
- Active Research Programs
- Capstone Projects
- Learner Centric internships

#### **APPLY NOW**

- https://www.mituniversity.edu.in/apply-now
- www.mitser.edu.in
- https://www.facebook.com/MITSOER
- https://www.instagram.com/mitsoer/
- admissions.mitsoer@mitadtu.ac.in

#### **Placements**

- Associations with the best employers across the Education sector
- National and International level placements and internships
- Value added courses: Artificial intelligence, STEM, Cyber Security, Mental Health
- Research projects
- Grooming and training session
- Rigorous and focused placement drive Personality Development, Interview Etiquettes, etc.

#### **Opportunities**

- Programs mentored by experts
- Exposures to state, national and international seminars, conclave and conferences
- Atal Incubation Centre and CRIEYA to provide incubation for ideas and opportunities
- Holistic development through on-campus hobby clubs and student activities
- Events Vishwanath Sports meet & Persona fest to develop innate potential

#### **Holistic Development**

- Health Education
- Drama and Art in Education
- Intercultural Appreciation and Exchange
- Life Skill Education
- Understanding Self
- Literary Sensibility for Enhance Personality



#### How to Apply?



**Educational Psychology** 

**STEAM Education** 

**Pedagogies & Assessment for Learning** 

**Environment & Value Education** 

Teacher Education (includes Professional Development of Teachers)

Educational Policies & Perspectives (includes Sociological & Philosophically perspectives)

**Curriculum Design & Development** 

Educational Technology (includes ICT, MOOCs, Instructional Design etc.)

**Educational Management & Leadership** 

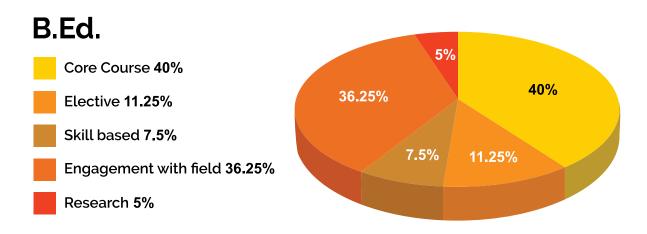
Gender Studies & Inclusive Education (includes Special Education)

**Innovations in Education** 

# Thrust Areas offered for Ph.D. in Education



#### **Bachelor of Education**



Core courses: Core courses are compulsory for all the student-teachers as it introduces them with the essentials in the field of education. These core subjects courses help student-teachers to gain knowledge and understanding about basic concepts in education related to teaching - learning, assessment, administration and so on. Courses like Childhood and Development, Contemporary India and Education, Learning and Teaching, Assessment for Learning, Leadership in Education, Inclusive Education and Gender School and Society and ICT in Education are few of the core courses which cater to all the important facets of education.

**Elective Courses**: Curriculum and pedagogic courses elective courses are offered as electives. Pedagogic courses are the courses which students select based on their expertise in graduation and this subject they will teach in schools as future teachers. In order to add value to the B.Ed course we have elective courses which student teachers can take depending upon their areas of interest. Few elective courses are Guidance and Counseling, Special Education, Environment Education, Early Years Education and so on.

**Skill - Based Courses:** Courses like facilitating teaching - learning, School Engagement, Life skills education, Intercultural Appreciation, Understanding Self, Practice Lessons, Internship etc. are included in the B.Ed curriculum so that student teachers could be transformed into effective teachers.

**Engagement with the field:** These courses aim at developing real school setting skills needed to be professional teachers. There are many pathways through which skills can be developed amongst the candidates. Engagement with the field is ensured by hands-on practical for core courses based on real life settings, activities during the sessions, Workshops, Seminars and Internships.

**Research:** It is an integral part of the B.Ed curriculum as we feel every teacher needs to be mindful researcher so that they can plan systematic improvements in their teaching - learning process. Action research is introduced as a course where student teachers perform research and come up with solutions. Student teachers are also encouraged to share their findings in the form of research papers.

#### **Bachelor of Education**

#### **Eligibility**

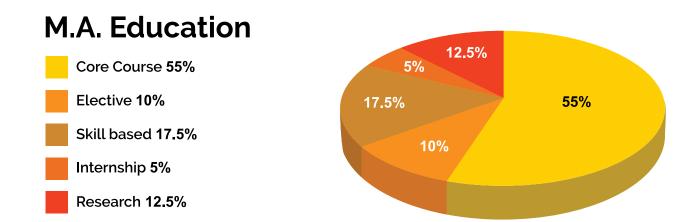
Graduate from any discipline with minimum 50% marks [Rules of reservation applicable]

#### **Career Opportunities**





#### M.A. in Education



**Core Courses**: Core course helps students to understand historical background of education, philosophy, sociology of education, psychology of the learner, educational administration, and educational technology. These courses are common for all the students. It aims at developing knowledge about Administration in Education, Inclusive Education, Comparative Education and so on. As the eligibility for the program is any bachelors, these courses help in developing skills related to the basics of teaching - learning, educational management and assessment.

**Elective Course**: Elective courses are offered in semester III & IV. Candidates are expected to select any one elective from the list provided based on their area of interest. Few of the electives offered are Drama and Art in Education, Peace Education, Lifelong Education, E - content development and so on.

**Skill Based Course**: Aim of skill-based courses is to develop professional and personal skills. As the students come from varied backgrounds, skill based courses have been introduced for all round development of the students. Few skill - based courses are Holistic Development for Enhanced Personalities, Emerging Trends in Education, Academic Writing and Pedagogical Transactions.

**Internship**: Internship is a unique feature of this course, it has been introduced keeping in mind that these students will go to different areas of Education and hence they must have experience of the same. Students can choose any educational institute like NGO, teacher education college and a school depending upon their interest and complete a few hands-on and innovative activities.

Capstone Project: In order to develop research aptitude and aptitude amongst the students capstone project also known as dissertation is mandatory for the students. They select topics from the education field which are of concern and providing solutions for the same can benefit the stakeholder. Preparation for the project starts in sem 3 and progresses to sem 4. Students develop proposals followed by data collection, implementation of programs and report writing. Through this students develop research skills which will be useful in their future as an educational professional.

#### M.A. in Education

#### **Eligibility**

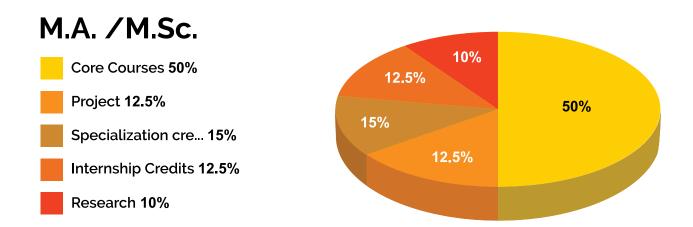
Graduate from any discipline with minimum 50% marks [Rules of reservation applicable]

#### **Career Opportunities**





#### M.A. /M.Sc. in e-learning

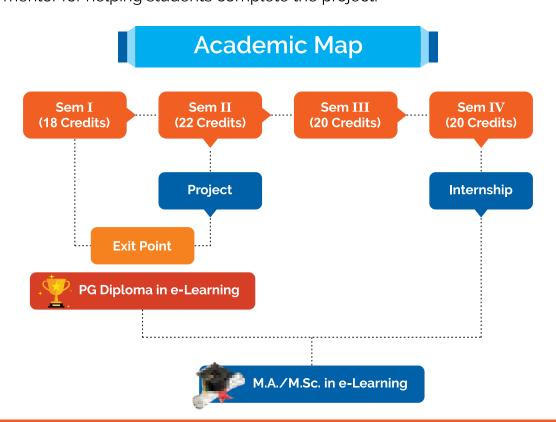


Core Courses: It lays the foundations and all courses have less theory and more of application

**Value added courses**: SWAYAM and NPTEL courses can be considered as value added courses as per requirement of the industry and availability of the course. Basics of Learning Analytics, Relevant and recommended courses on platforms like SWAYAM, EdX and Coursera. (CBCS applicable) and Basics of Cyber Security.

**Internship (compulsory component)**: Candidates will be required to complete one semester as internship/industrial training at an e-learning company/institute as part of this course. They need to contribute to the projects at the institute/ industry, learn about the implications of e - learning by relevant activities planned.

**Project**: Students when going for internship they need to complete a capstone project, which may involve them studying an issue / developing a product / case study etc. and create a report using research principles and process. They will be given a supervisor for the same who will act as mentor for helping students complete the project.



#### M.A. /M.Sc. in e-learning

#### **Eligibility**

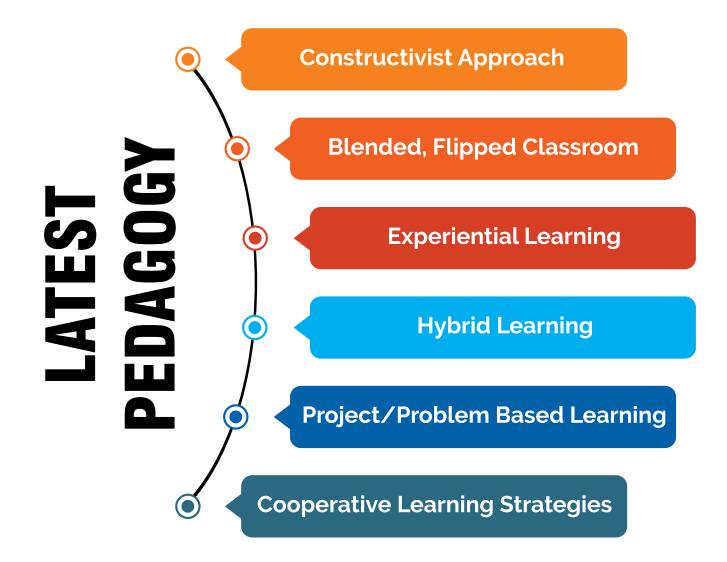
Graduate from any discipline with minimum 50% marks [Rules of reservation applicable]

#### **Career Opportunities**



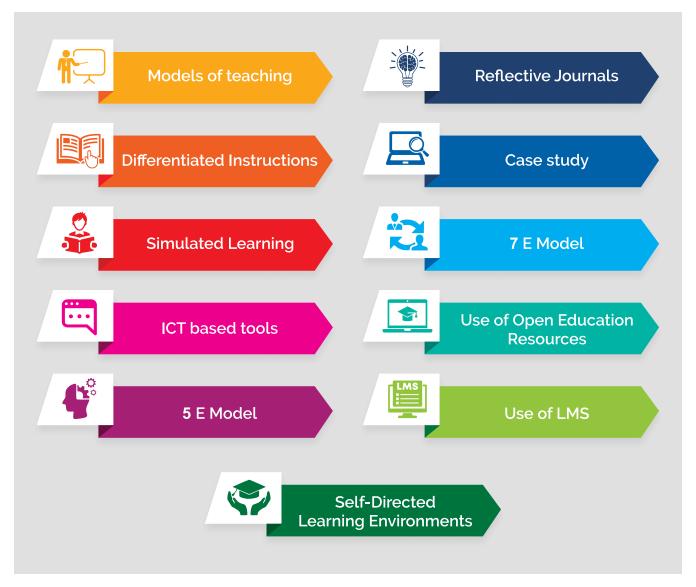






#### **Innovative Teaching - Learning Practices**

Teaching-learning is a constantly evolving process. Being the teacher training institute, it is the responsibility of the School of Education and Research to explore, demonstrate and practice innovative practices as part of the teaching and learning for pre-service teacher -training i.e : B.Ed students, M.A. Ed students as well as M.Sc e-Learning students. As a teacher training institute that offers Masters in e-learning, it is imperative that the institute would enable teachers to become aware of aspects of e-pedagogy & incorporate authentic and evidence based practices in their teaching. Innovative approaches used at SOER are:





#### **Performance Based Assessment**

At SOER we train the students to plan and implement assessments which assess the skills developed in students instead of the skill of memorizing the concepts. Hence, performance based assessment occupies the maximum percentage in the assessment pattern of programs at SOER. Few of the assessment techniques used are as follows:

| Debates               | Collage                   |
|-----------------------|---------------------------|
| Assignments           | Concept maps              |
| Mind maps             | Case study                |
| Seminars              | Poster presentation       |
| Models                | Role play                 |
| Book / Article review | Flowcharts                |
| Jury                  | Multiple choice questions |
| Dramatization         | Blogging                  |
| Quiz                  | e-Portfolios              |
| Open book exam        | Website Making            |
| Storyboard writing    | Projects                  |
| Simulation Exercise   | Hands on Activity         |
| Field Visit           | Exhibition                |

















































WAKRA INTERNATIONAL SCHOOL, QATAR



















#### VENUS WORLD SCHOOL





















#### **Alumini Speaks**



"I am very pleased to study at MIT (B.Ed.)
All the teachers and staff are always ready
to help, always clear doubts. I also want to
appreciate the way colleges respond to this
pandemic situation and everything is working
very smoothly for this (2020- 2021)
academic year."

"Best B.Ed. College, awesome and extremely talented staff All the teachers are very supportive and knowledgeable about their subject. They are passionate about imparting knowledge to students. A lot of other activities and competitions are conducted which helps engage the students. The best college and best staff I have ever come across. If you want to be the best teacher, this is the best college for you."





"School of Education and Research is one of the few institutions that provide quality education that meets the expectations of the current academic and industrial standards. Being in the University would—give me an advantage of wider exposure. The experience in the—institution is one which was full of learning opportunities and—hands-on practical knowledge. The professors and mentors were—extremely supportive and encouraging and have a huge—contribution in my overall development as a student and future—academician. I have made fond memories in this college that I shall—cherish all my life. Thank you MIT SOER"

"One of the best B.Ed. colleges.... The Professors are very helpful, supportive and motivating; along with the academic there are lot of activities which help us to enhance our skills. The Professors have lot of knowledge and are happy to pass it on...

Overall it was a beautiful experience."





"My experience at MIT has been excellent. They have excellent faculty with expertise in different fields. Here they do not use the traditional lecture method. They engage the students in teaching learning through variety of activities. All the needs of the students are looked upon. The resource rooms, library and labs are well equipped and help the learners to learn better. Overall it is the place where you will acquire excellent knowledge with high values."

#### **Achievements**

#### **Students' Achievements**

#### Mr. Dhairya Pandya [M.A.Edu]

Paid internship at Lernkys [e-learning company]

#### **Faculty's Achievements**

#### Dr. Asawari Bhave-Gudipudi

Was awarded in the category of Education Management (Higher Education Forum). This award is known as "Dr Kamal Kishore Memorial Award"

#### Ms. Sujana Raju [M.A.Edu]

Proposal selected by NPTEL for 5 day live online workshop on Design Thinking

#### Dr. Ajita Deshmukh

Best Voice (female) for Educational Podcast -Chemystery by NCERT

#### Ms. Niyatee Upadhyay [M.A.Edu]

Selection in Singapore based eLearning company

#### Dr. Ajita Deshmukh

Second Prize: Best Film [Kamala: The Swadeshi Nutri-Indian] Film by EMMRC, Pune, awarded by Vigyan Prasar, New Delhi. Gol [Under Swatantrata ka Amrit Mahotsav]

#### Ms. Anuradha Kumari [B.Ed.]

First in State level Intercollegiate Dance competition

#### Ms. Divya Nair

First in State level competition on writing a research paper, awarded by SNDT University.

#### Ms. Muskaan Pathak [B.Ed.]

First in State level Intercollegiate Elocution competition

#### Ms. Divya Nair

First in National level Research Paper Competition organized by Nirmala Memorial Foundation College, Mumbai

#### Ms. Shweta Kumari [B.Ed.]

First in Essay writing competition

#### Ms. Divya Nair

Bagged the Outstanding entry award for poetry along with book publication in the International Creative Writing Competition judged by Chetan Bhagat

#### Ms. Kristen William

First National Science Day Contest on Innovative Teaching-Learning Practices

#### Ms. Pushpa Atole

Awarded National Level Muktai Rashtriy Hindi Gourav Sanman by Kiran Bahuuddeshiy Seva Sanstha Vardha Maharashtra



#### **Faculty-Our Strength**



Dr. Asawari Bhave-Gudipudi Principal, SOER Ph.D. (Education), M.Ed., M.Sc.(Physics),

Ph.D. (Education), M.Ed., M.Sc.(Physics), B.Ed. B.Sc. (PCM), NET, Cambridge Diploma for Teachers and Trainers



Dr. Priya Singh Associate Professor, SOER Ph.D.(Education), Msc (Analytical Chemistry), M.Ed., NET, Cambridge Diploma for Teachers and Trainers



Dr. Namrata Kamble Assistant Professor, SOER Ph.D., M.Sc., M.A.(Ed), NET (JRF), SET, PGDME



Ms. Pushpa Atole Assistant Professor, SOER M.A. (Economics), M.A. (Marathi) M.Ed., M.Phil., SET & DSM



Ms. Divya Nair
Assistant Professor, SOER
M.Sc. Microbiology, M.Ed., MA
Psychology Post Graduate Diploma
in Mass Media, NET with JRF, Pursuing
Ph.D.



Ms. Jovita Nathan Assistant Professors, SOER M.A. (English), M.Ed., NET.



Dr. Ajita Deshmukh Assistant Professor, SOER Ph.D., M.Sc., MA (Education), NET, MBA, IPICT



Dr. Neeta Mhavan Assistant Professor, SOER Ph.D., M.Phil, M.A., M.Ed, SET



Ms. Komal Gagare
Assistant Professor, SOER
M.Sc. (Mathematics), MA (Education)



Mr. Janardan Mogare Assistant Professor, SOER M.Phil, MA, M.Ed, NET, Pursuing, Ph.D.



Dr. Nidhi Verma Assistant Professor, SOER Ph.D., M.Phil, M.Ed. M.Sc. (Mathematics)



#### **Laboratories and Infrastructure**



#### **Activities of SOER**





#### MoU Signing of MIT SOER with Tilak College of Education

Innovative Teaching and Learning Contest in collaboration with Homi Bhabha Centre for Science Education, TIFR, Mumbai





Sessions by prominent personalities in Education



Workshops on latest technology aspects



#### **Edu-Imagineering Annual School Conclave**



**World Mental Health Day Celebrations** 



#### **Street Plays**



**Workshop on Integrating Art in Education** 



**Gender Sensitization Drive** 



**ICT Exhibition** 

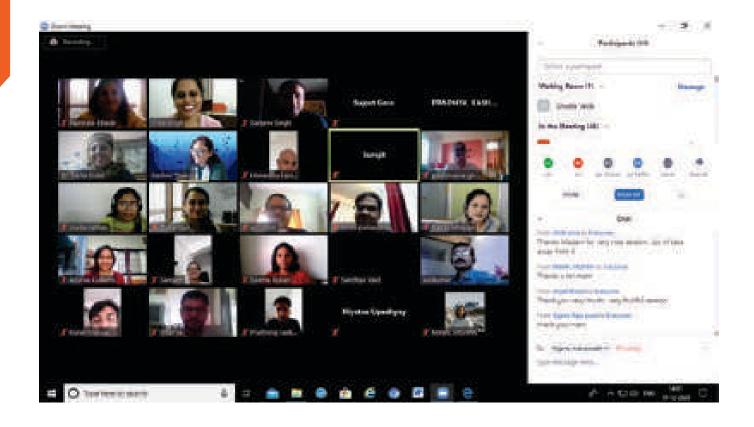


Workshop of ICT skills



Paper presentations in conferences

#### Research Paper Reading Contest









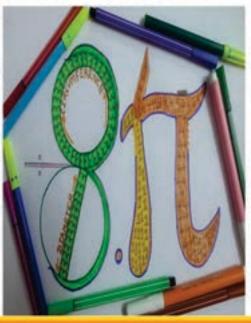


#### **International Day of Mathematics**

























# Value Added Course & Community Outreach Programme & Engagement (COPE)

#### **B.Ed**

- Al in Education
- STEAM Lab Session
- First Respondent Training
- Communication Skill
- Mental Health
- Cyber Security

#### COPE

- Visits to NGOs
- Community Service
- SEVA



#### **M.A. in Education**

- Academic Audit
- Competitive Exam Training





#### **Continuos Professional Development of Inservice & Preservice Teachers**

Teacher Plus' of MIT-SOER is continuously involved in capacity building of the teachers in and around Pune on various modules like: Effective teaching & Active learning, Mentoring, Reflective practices, Formative, and summative assessments, and many more. Under Teacher plus we have trained approx. 6000+ teachers across spectrum from Pre-primary to university. MIT-SOER has a standing of almost 14 years and around 4000+ teacher trainees have successfully qualified with B.Ed. degree and are placed in reputed schools and educational institutes. MIT-SOER has conducted academic and administrative audit for school using pre-defined criteria and benchmarks. MIT-SOER has trained 600+ higher education institutions teachers in topics like Bloom's taxonomy, outcome-based education, developing question banks / question papers and social emotional learning (SEL). MIT-SOER is the first teacher training institute in India to be a Certified Cambridge Professional Development Center. Currently many candidates are pursuing their Cambridge Certificates courses in Teaching & Learning (CICTL) and Educational Leadership (CICEL) certified by Cambridge International Examinations.





#### **List of Major Trainings & Projects**

| Revised Bloom's Taxonomy  | e - pedagogy   |
|---|--|
| Assessments for online and Hybrid mode                            | e- Content Development   |
| Cyber Security  | Outcome based Education  |
| Social Emotional Learning (SEL)                                   | Bloom's Taxonomy for Assessing Learning Outcomes                                       |
| Questioning Skill Technique                                       | Reflective Teaching  |
| Understanding Learners  | Effective Teaching and Active Learning   |
| Differentiated Instruction & Mentoring                            | Assessment – Tools and Techniques  |
| CSR funding sanctioned from Kiya.ai (Infrasoft Technologies Ltd.) | Major Research Projects funded by Indian<br>Council of Social Science Research [ICSSR] |

## Our Contribution to Society



SAKSHAM an initiative directed to the Empowerment of under privileged women.

Sakhi Saheli – Initiative to empower rural women





**Step towards environment sensitization** 







#### MIT SCHOOL OF HOLISTIC DEVELOPMENT

Students at MIT ADT University along with the regular academic clauses undergo extra 20 credits of training under the holistic development. This holistic approach of education includes Yoga Meditation, Spirituality lessons, Art Music – vocal / instrumental, creative art to develop them as future leaders. This holistic approach of education emphasizes on the Personal grooming, Leadership & Entrepreneurship Development, Individual Development along with life transformation skills.

- Personal Grooming: The Personal Grooming imbibes the importance of health, through yoga, meditation & sport of their choice. Special lectures are organized on food & nutrition values, spirituality & personal hygiene. Some credits are assigned for the art, it can be music, drama & sculpture. To face tomorrow's challenging world, appropriate business dressing, manners & etiquette are important for all the students. Students are trained for the verbal & nonverbal communication writing skills, presentation skills, telephone skills & general professional conduct & managerial skillenhancement.
- Leadership Development Program (LDP): The LDP is a development program aimed to create
  future leaders, by constantly providing them with the training and learning needed to become
  an efficient leader. The LDP accomplishes this by enabling future leaders with a varied
  approach to hone their skills. The LDP incorporates various learning styles like classroom
  training, conferences or workshops to help them refine their leadership skills. Special talk's
  success stories of Entrepreneurs are organised to understand their real life journey.



• Individual Development Program (IDP): The IDP is designed to ignite student's Corporate Grooming, Interview skills and enhance student's profile. Value added certification in Domain Specific knowledge, special projects handled, achievements through the mega gala event participation, research paper publication, conferences participation, participation in social responsibility campaign, working with the clubs associated & contributing for the innovative ideas to accept the challenges of ecosystem in the world of Innovation.

### MIT SCHOOL OF CORPORATE INNOVATION AND LEADERSHIP

MIT School of Corporate Innovation and Leadership (MIT SCIL) has been conceptualized to develop impactful and growth leaders for the future organizations. We help the working Professionals to discover themselves, identify the opportunities around them, realize their capability, inner potential and support them in bringing it to the forefront and emerge as a leader with renewed zeal, work methodology and mindful thought processes.



School of Corporate Innovation and Leadership (SCIL) has been conceptualized to develop impactful and responsible leaders for the future organizations. At SCIL, we create change-champions within organizations by taking them through a carefully selected course of learning sessions to help them visualize, self-acknowledge and unleash their true potential. We help them identify the opportunities around them, realize their capability and inner potential, and support them in bringing it to the forefront and emerge as a leader with renewed zeal, work methodology and mindful thought processes. Our program offerings have relevant elements of Indic Leadership and Vedic Thinking frameworks adding significant value to the development of the future leaders.

#### MIT Centre for Future Skills Σxcellence



MIT Centre for Future Skills Excellence(MIT-FuSE) is a flagship initiative of MIT Art, Design and Technology University, committed solely to excellence in Future Exponential Technologies' Education, and to transforming students and working professionals in various domains that will influence tomorrow's economy like – Artificial Intelligence and Machine Learning, Blockchain, Cloud Computing, Robotic Process Automation (RPA), Internet of Things (IoT), DATA Analytics, Cyber Security, 3D Printing, Virtual Reality designed by the top industry experts and well-experienced faculties.

Our goal is to provide students and working professionals from all walks of life with quality education and industry-aligned curriculum to ensure that they succeed in their careers.

AI & ML



Cloud Computing

#### Post Graduate Diploma in



Cyber Security Analyst



Blockchain Technology



Robotics Process Automation



**ERP-SAP** 

#### Course Highlights



Designed for ambitious Graduates and Working Professionals



Content curated by domain experts



Live Online Teaching with more convenience



500+ Hrs of Learning and 250+ Hrs of Capstone Projects for better exposure



Mentorship & Career Guidance from Global Leaders

#### **PEDAGOGY**







• Technical coverage with industry context

• Industry Certifications

Skill &

**Proficiency** 



• Business insights and strategies

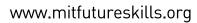
• Innovative assignments and projects

 Real life business case studies



Industry Internship Module

- Live projects from Top industries
- Exposure to recent tools through various Industry tie-ups
- Mock Interviews
   Preparation
   Assistance
- Internship Opportunities





#### **Industry Partners**



























#### AIC-MIT ADT INCUBATOR FORUM

**ATAL Incubation Centre** 

(Supported by Atal Innovation Mission, NITI Aayog, Govt. of India)

Atal Innovation Mission (AIM)

Atal Innovation Mission (AIM) is a flagship initiative set up by the NITI Aayog, Govt. of India to promote Innovation and Entrepreneurship across the length and breadth of the country. It's objective is to serve as a platform for promotion of world-class Innovation Hubs, Grand Challenges, Start-up businesses and other self-employment activities, particularly in technology driven areas.

AIM has two core functions:

Entrepreneurship promotion: Through Self-Employment and Talent Utilization, wherein innovators would be supported and mentored to become successful entrepreneurs.

Innovation promotion: To provide a platform where innovative ideas are generated.

About AIC-MITADT Incubator Forum

AIC-MIT ADT Incubator Forum has been established in accordance with the guidelines by Atal Innovation Mission. It has been built in the pristine premises of MIT Art, Design and Technology University, which is situated at the Vishwaraj baugh Campus, Loni Kalbhor, Pune-Solapur Highway, Pune, India. The forum spans across a vast space of 15,000 sq. ft and has all the amenities such as Co-working spaces, Makers Labs, Fabrication Labs, Offices and Conference room areas.

AIC-MIT ADT is an umbrella organization hosted by MIT ADT University to promote the Entrepreneurship and Innovation. It is one of the first Institution supported by AIM, NITI Aayog, Govt. of India at any private university across Maharashtra. With an intent to promote and create a 'social fabric of Entrepreneurship' by leveraging Technology, it's main objective is to build the ecosystem of Entrepreneurship.

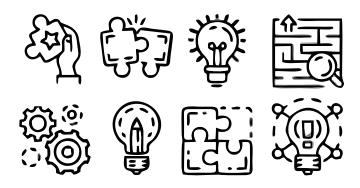
By engaging the power of various schools at MIT ADT University, AIC-MIT ADT will incubate the potential founders and support them by building a 'Learning Culture'. It aims to build a community that nurtures the IDEA (Innovation, Design Thinking, Entrepreneurship, Arts) among the Next Generation of Entrepreneurs.

#### Vision

To be a globally respected incubator that provides world class ecosystem to promote Entrepreneurship and Innovation.



To create a learning environment where each start-up can leverage the network effect and create society relevant products or services.



Through AIC-MIT ADT Incubator Forum we wish to provide young minds with a space to transform ideas into sustainable business ventures. Any individual who is passionate about carving a path of success for himself or herself is welcome here!

To transform you ideas into next **Unicorn StartUps** Apply on www.aic.mituniversity.edu.in

## Centre for Research, Innovation & Entrepreneurship for Young Aspirants (CRIEYA)

#### Nurturing Inno-preneurship among the students & faculty

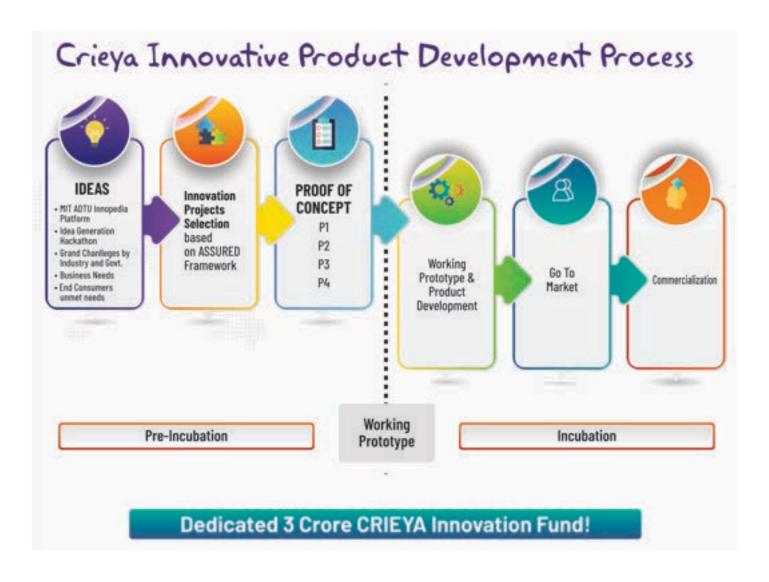
A Vibrant platform to Convert projects into Products & systems across institution.

#### **VISION**

Equip students with new-age knowledge & techniques to scale & deliver breakthrough solutions to real world problems

#### **KEY OBJECTIVES**

- To enable translation of an innovative idea to a prototype leading to the promising innovation.
- To foster a platform for faster experimentation and prototyping
- To attract a large number Students to demonstrate problem solving zeal and ability to work on new technology/knowledge.
- To enhance the pre-incubation and incubation pipeline in terms of quality and quantity of innovative start up POCS to the incubators.
- To build a vibrant innovation ecosystem across University.



#### **CRIEYA EXECUTIVE ROADMAP**

#### Co-innovation platform with Tech labs, Research hubs & Industry



#### **External Partners**

#### Innovation spaces available for students

- · 4500 Sq.ft Ideation & Innovation Lab
- · Design school makers Space & Labs
- · AIC Makers lab
- Centre of Excellences at SOE
- · Prototype & Product Labs at Departments.
- · High Computing for futuristic Technology Labs

#### **Developing Innovators of the Future**

- ·32 innovative projects selected for the year 2021
- · Handholding through mentors, Tech coaches & advisors
- · Inculcate multi& transdisciplinary approch
- Ensuring secured IP's

- · Technology Commercialization opportunities
- · Inclusive innovation based on cutting edge exponential technologies
- · CRIEYA Radiance Talk Series



**Project Submission**criya@mituniversity.edu.in | innovation.mituniversity.edu.in
9607580060





#### **SPORTS** DEPARTMENT

With a view to develop an all round personality of students, the institute has given equal importance to sports. It is the constant endeavor of the institute to see that the students grow intellectually as well as physically. To facilitate this, the institute has developed its own sports ground with volleyball, football, cricket, basket ball, lawn tennis, swimming, rowing, playing facilities, jogging track along with indoor sports hall with facility for table tennis, carom, chess, Badminton, Best Physique and boxing.

Special care is taken for the regular maintenance of the facility. For ensuring better sportsmanship and competition cadets are divided in four houses, namely Pacific, Atlantic, Arctic and Hind. Inter-house matches for various games like cricket, football, volleyball, chess, carom, table tennis, lawn tennis, rowing, athletics, cross country, boxing, Tug of War, basketball, Best Physique and swimming which are played in every semester. At the end of year a trophy for the best house, best sportsman is awarded.

A daily morning P.T. is being taken by sports Co-ordinator/ PTI for 45 minutes duration. A swimming session is also organized every year for all cadets to train them in swimming by expert swimming coaches. Also we have a Gymnasium facilities with outstanding Gym instructors

























#### Persona Fest

Persona Fest is amongst the most awaited techno cultural event being organized by MIT ADT University. Persona Fest is truly a cultural extravaganza which gets humongous participation and overwhelming response from the students across the length and breadth of Maharashtra. More than 20,000 students from the 130+ Institutions and Universities participate in this Flagship event every year. Till Date, 200+ eminent personalities have graced this occasion. Persona 2020 was inaugurated by Padmashree, Hon'ble Adnan Sami and MIT ADT University awarded him Melodic Persona Award. While addressing the gathering he said music is an instrument of life it keeps you alive. He further added, "Dreaming is first step to achieve your goal. The religion is just word but humanity is real essence of human beings". MIT ADT University also awarded 'Iconic Persona Award' to music composer, Padmashree Pandit Hridaynath Mangeshkarji for his contribution to Indian music. He said, "Music is worship of god". It is service of nation too. Many other awards like Charismatic Persona Award, Path Breaking Persona Award, Innovator of Eminence, Rising Young Innovator, Entrepreneur of Eminence, Corporate Leader of Eminence & Celebrity of Eminence were given to well-known personalities of our society.





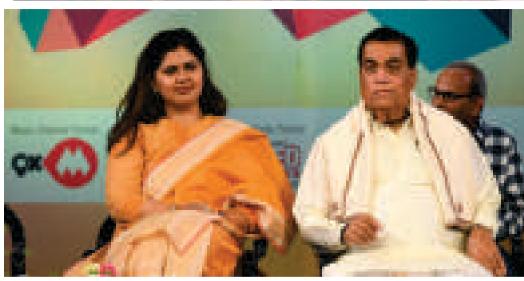






















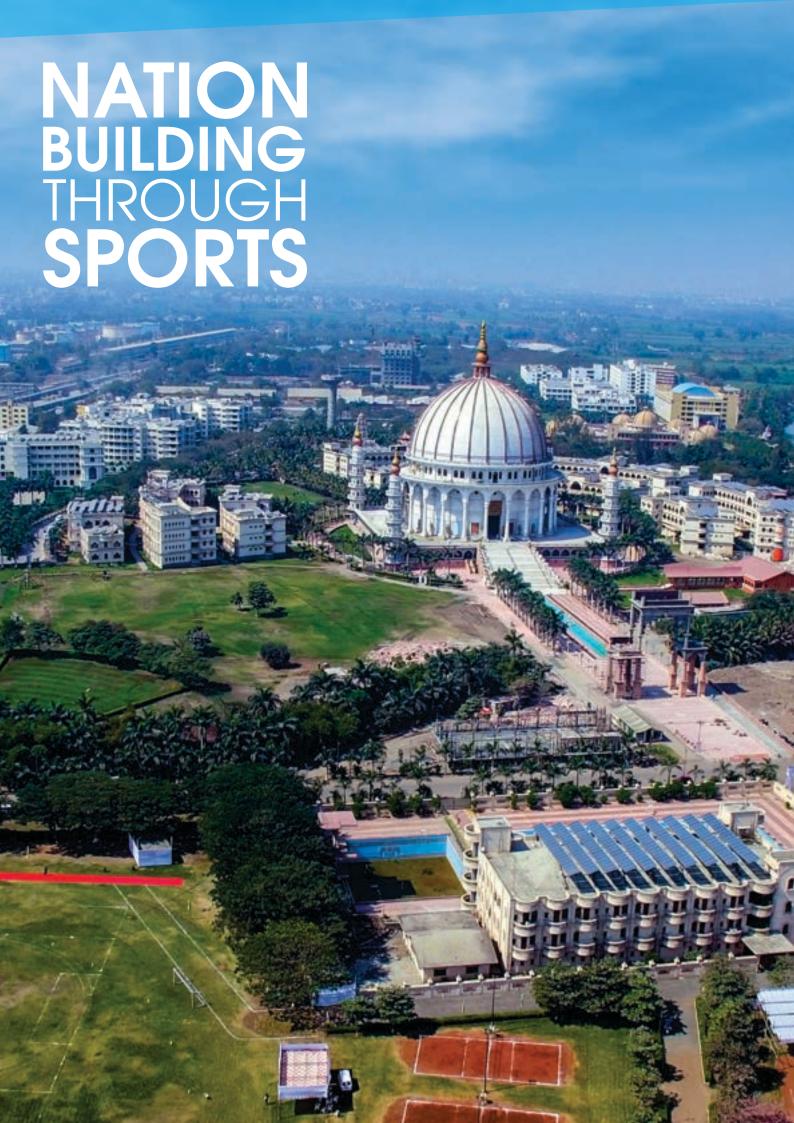






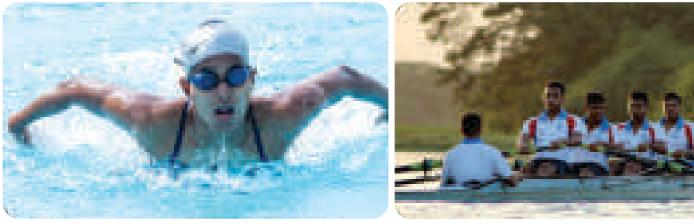


















125 +
Universities
& Institutions
Participation







14+
Different
Sports







5 Days
Sportsmanship







4000 + Students



























# Transportation Facility

MIT ADT University has developed an efficient transportation system for the hassle free and convenient pick and drop of our students from various city locations to the MIT ADT University campus on regular basis. More than 30 + Buses on the 20 most prominent routes are doing the pickup and drop facility. Students can avail the separate facility on yearly basis.















# Student Transformation

More than 18+ Active Clubs in the University are playing a pivotal role in the holistic development of our student's personality and also making significant contribution to nation building through Clubs like Corporate Relations, Technology & Innovation, Yoga, Cultural (Music & Dance), Entrepreneurship, Raj Kapoor's Film Fourm, Photography, Painting, Mountaineering, SPIC-MACAY Heritage Club, Robotics Club, Coder's Club, Research & Collaboration, STEM Club and Solar Club.





#### **Sports & Recreation**

MIT ADT University has built a World Class Sports Infrastructure which is benefitting our students in building desired level of competency and gaining fitness in their favourite sports. It will enable them to qualify for the National & International Level Sporting Events as well as winning laurels for their Institutions and the Country. Our Sports Infrastructure is well equipped to train the students and harness their latent potential in the wide ranging sports. Our sports activities are being conducted under the able guidance of the highly qualified instructors as well as National and International Level sports persons with the proven credentials. Our state-of-the-art gymnasium is well equipped with the latest equipment along with the steam bath facility.



#### **Health Care Facilities**

MIT Art, Design and Technology University has Multispecialty Vishwaraj Hospital with more than 300 beds on the same campus. Major focus of the hospital is to provide the quality healthcare services in the city of Pune and its suburban areas. 24x7 separate First Aid centres are available in all girls as well as the boys hostel.

#### **Raj Kapoor Memorial**

Monuments from the Indian cinema and Raj Kapoor's Films have been installed in the Raj Kapoor Memorial for the movie enthusiasts. Various student forums as well as Clubs and Committees have been established in the MIT ADT University, for harnessing the latent potential and building the leadership qualities amongst the students, in the wide ranging field of Art, Culture, Music, Drama, Painting, Photography, Sports, Debates & Discussions etc.







# **Atal Innovation Incubation Centre**

AIC facilitation cell is for the on campus as well as off campus incumbents. More than 50,000 square feet space is given to the cell. Separate team is working on the various innovative projects.

Also NITI Aayog has granted 10Cr grant to promote the Entrepreneurship and Innovation. It is one of the few institutions supported by AIM, NITI Aayog, and Govt. of India at any Private university across Maharashtra with an intent to promote and create a Social Entrepreneurship by leveraging technology. The main objective is to build an ecosystem of Entrepreneurship.



#### **Boat Club**

The campus has formed a National Boat club which provides kayaks and row boats to the students for learning the technique of boating. It is also essential for the Marine Engineering students to get themselves trained in the boating which eventually benefit them on becoming part of the Marine Engineering profession. A National level Boating Event 'Regatta' is being organized every year by the MIT ADT University.





# 

#### LIVING IN PUNE

Pune is the cultural capital of Maharashtra known worldwide. Pune city is located on the bank of river Mula–Mutha. It is also known as the oxford of the East. Initially it was known as the Detroit of the India and now as the multi hub city because of the rapid industrialisation in every field.

It is situated 560 metres above sea level on the Deccan plateau at the confluence of the Mula and Mutha rivers. Its cultural heritage, numbers of activities and job opportunities attract professionals and students from all over India and all over the world.



#### **How to Reach Pune**

Pune (18° 31'N, 73° 51' E) is a plateau city situated near the western margin of the Deccan plateau. It is situated at a height of 560 meters above the sea level, near the confluence of the Mula and Mutha rivers. Surrounded by hills, Pune lies in natural settings with a pleasant climate. The main daily maximum and minimum temperature for the hottest month May, are 37° Celsius and 23° Celsius respectively. The same for the coldest month of December are 30° Celsius and 12° Celsius respectively.

#### **Climate**

The climate in Pune city is pleasant through out year except summer. It rains heavily during rainy season and is chill during the winter.





Pune is well connected by road to all the major cities within the state as well as outside the state. Daily private and government buses ply from Pune to Mumbai the distance between which is covered in 3-4 hours.



The airport is situated in the Lohegaon area, about 12 km from the city. The airport is connected to all major cities in India.



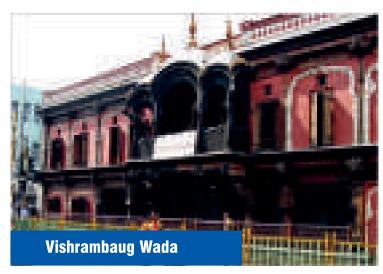
Pune has excellent railway services. Connecting all major cities.





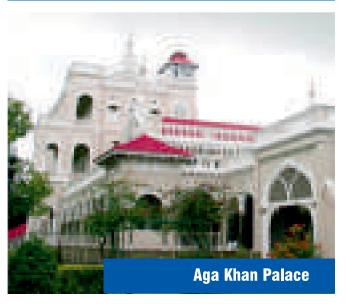
# Shanivar Wada

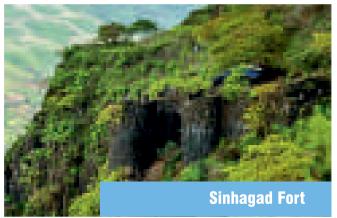
# OSHO International Foundation





# Living in Pune







......And the journey towards Excellence continues......



