



Welcome to the School of Mathematics and Statistics



05

Active Universities
Formulated by MAEER

50+

Institutes owned by
MAEER Group

1,00,000+

Alumni Globally
Higher Education

54,000+

Active Students
On Campus

8,500+

Total Employees works with
MAEER (with 3,000 faculties)



Dr. Vishwanath Karad
MIT WORLD PEACE
UNIVERSITY | PUNE
TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

Faculty of Science
School of Mathematics & Statistics

M.Sc. Statistics

Admission year
2021

Engineering	Management	Education	Commerce	Design	Diploma
Art & Media	Polytechnic	Science	Liberal Arts	Economics	Ph.D.
Government	Pharmacy	Law	Peace	Sustainability Studies	





MIT WPU Philosophy



Partnerships

Partner with all individuals and organisations who can help students realise their fullest potential.



Social Innovations

Inspire students to come up with innovative solutions for our world family.



Research

Foster the spirit of scientific inquiry in students, to push the envelope of human knowledge and wisdom.



Technology

Nurture the ability of students to apply scientific knowledge for the well-being of the world.

Teaching Approach

Multidisciplinary

- 01 Engineering**
Faculty of Engineering & Technology
- 02 Management**
Faculty of Management
- 03 Design**
School of Design
- 04 Art, Media & Journalism**
Faculty of Fine Arts, Media & Journalism
- 05 Liberal Arts**
Faculty of Law
- 06 Law**
Faculty of Law
- 07 Governance**
MIT School of Government
- 08 Pharmacy**
Faculty of Pharmacy
- 09 Sustainability Studies**
Social Innovation,
Partnerships & Co-Creation
- 10 Science**
Faculty of Sciences
- 11 Education & Research**
Faculty of Education & Research
- 12 Commerce**
Faculty of Commerce
- 13 Polytechnic**
School of Polytechnic & Skill Development
- 14 Economics**
Faculty of Economics
- 15 Peace**
Faculty of Peace Studies

MIT-WPU Teaching Methodology

'Industry, Academics and Research Collaborations' is key to execute teaching methodology



Peace Studies
and Yoga

Global
Pedagogy

Continuously Updated
Education Method

Guest
Lectures

Team
Teaching



Value Added
Certifications

National Study
Tour

International
Credit Program

Mentor - Mentee

Biography
Studies



Film
Appreciation

Trekking

Rural Immersion
Program

Internships

Live Projects

Lecture Engagements

During Covid situation

- Microsoft Teams Platform used for online teaching-learning with Teams Calendar created and followed as per the timetable
- Lecture delivery in the form of white board sessions, quizzes, PPTs, videos, case studies and interactive sessions
- Class participation considered for assessment of students
- Assignments, Surprise Tests and Mid-Term evaluation using MS Teams as well as Canvas platform
- End term examination on proctored platform with every student's exam monitored online and recorded

Rankings

NAAC Accredited 'A' Grade



01

I-Gauge

Ranked in SILVER Category of Institutions

02

TOI

Ranked 5th in Private Universities in India. Ranked 10th among Best Private Institute for Engineering in India.

03

NIRF

Consistently listed among the ranked institutions in engineering category during year 2016, 2017 & 2018, Ministry of HRD, Govt. of India

04

NBA

Consistently accredited in last decade for various Engineering programs

05

Jagran Josh

Listed Top Private University by Jagran Josh, awarded by Vice-President of India

06

Smart India Hackathon

Appreciated by Ministry of Science & Technology, Govt. Of India (Smart India Hackathon 2017) Consecutively 3 Years at National level and 2 Years at International level



Prof. Suvarna Ranade
Program Head M.Sc (Statistics)

- ❖ **Academic Qualification : M.Sc. (Statistics), ADCSSAA**
- ❖ **Total 17 years of teaching Experience**
- ❖ **Participation in Ten State / National and International workshops , seminars and conferences**
- ❖ **Published 1 Research Paper**



Leadership



Dr. Prashant Malavadar

- Associate Professor and Head of School
- Total Teaching Experience : 17 years
- Qualification : M.Sc (Maths), SET , M.Phil, PhD.
- 10 Journal Publications , 12 Conference Papers
- Received 'BEST PAPER AWARD' at
 - a) 19th ICMCSE Berlin , Germany
 - b) 85th Annual Conference of IMS at IIT Kharagpur
- Life member of Indian Mathematical Society



Dr. Shubhalaxmi Joshi

- Associate Dean, Faculty of Science
- Total Teaching Experience: 24 years
- Total Industry Experience: 6 years
- B.E, M.Tech, MMS, Ph.D.
- CSI International best research paper award
- Instrumental in Industry MoU's , Academic MoU with International Universities



Dr. Milind Pande

- Pro Vice Chancellor Dr . Vishwanath Karad MIT World Peace University, Pune.
- Former Professor and Director – MIT SOT , Pune
- Post Doctoral Research Fellow with two doctorates (PhDs) , MBA , ME, MPM.
- One of the rare recipients of Post Doctoral Research Fellowship by Ministry of HRD.
- Patent holder and approved Ph.D guide for four Universities.

Dr. N. T. Rao

Vice Chancellor

MIT-WPU, with its legacy of four decades of association with industries/universities of repute around the world, encourages its students to undertake an International Study Tour (IST). This tour, featuring visits to the best of the universities in the UK, Europe and Asia, will ensure that the students are enriched with unmatched learning. I would strongly urge all the students to opt for this program which will help you evolve as a world citizen coming out from MIT World Peace University.



Faculty members



Dr. M. Y. Gokhale

Senior Professor



Dr. John Bryden

Professor Emeritus



Prof Ramaa Sandu

Associate Professor



Dr. Veena Kshirsagar

Assistant Professor



Dr. Umesh Dubey

Assistant Professor



Dr. Rupal Shroff

Assistant Professor

Faculty members



Prof. Mahaveer Gadiya

Assistant Professor



Prof. Rajashree Jadhav

Assistant Professor



Prof. Vaishali Joshi

Assistant Professor



Dr. Amey Deshpande

Assistant Professor



Prof. Uday Jagdale

Assistant Professor



Prof. Prathibha Kshirsagar

Assistant Professor

Faculty members



Prof. Gajanan Birajdar

Assistant Professor



Prof. Sachin Gunjal

Assistant Professor



Prof. Gaurav Soni

Assistant Professor



Prof. Amol Narke

Assistant Professor



Prof. Kundan Nagare

Assistant Professor



Prof. Anjali Shete

Assistant Professor

Program Structure



Trimester 01

- Linear Algebra
- Real Analysis
- Distribution Theory
- Statistical Inference
- Lab Course – 1
- Lab Course – 2
- WPC I



Trimester 02

- Testing Hypothesis
- Probability Theory
- DBMS (Elective – II)
- Multivariate Analysis
- Lab Course – 1
- Lab Course – 2
- WPC II
- MOOC I



Trimester 03

- Linear Models
- Sampling
- Stochastic Process
- Statistical Computing
- Lab Course – 1
- Lab Course – 2
- Open Elective
- WPC - III

Program Structure



Trimester 04

- Regression Analysis
- Time Series Analysis
- Data Mining
- Asymptotic Inference
- Lab Course -1
- Lab Course -2



Trimester 05

- Survival Analysis
- Machine Learning
- Design of Experiment
- Elective III
- Lab Course -1
- MOOC II



Trimester 06

Industry Internship
OR
Project

Salient Features



Perfect Blend

The course is perfect blend of Statistics and Programming Languages



Application Oriented

The course fulfilled the requirement of Statistician



Advanced Features

R and PYTHON programming are part of syllabus.



Knowledge

The course offers advanced theoretical as well as practical knowledge to students in their chosen specialization



Scholarship

University awards scholarships to meritorious students



Program Outcomes

- M.Sc. (Statistics) program will enhance the statistics knowledge of time series analysis, design of experiment, Regression analysis, Distribution theory.



This program will inculcate and enhance team-working, time management and communication skills, social awareness, empathy as well as decision making ability.

As internship is a part of the curriculum, students will get to closely work with the industry and learn how to analyze the data with statistics background and softwares.

The program will help students familiarize with the concepts of simulation techniques which help them to deal with real life problems. The program will equip students with the knowledge of necessary algorithms and techniques needed in the Data Mining & Machine learning.



Teaching Approach



Updated Syllabus

Syllabus is updated as per the needs and current trends



Internship and Projects

Encourages students to take internship in the 6th trimester.



Online Teaching – Learning Mode

Due to COVID – 19 pandemic , we are using an online teaching mode



Two MOOC Courses

Compulsory 2 MOOC courses for the knowledge enhancement.



Rural Immersion Program

To understand the needs of rural India & efforts to solve problems.

Admission Process



ELIGIBILITY CRITERIA

✓ B.Sc. (Statistics) with minimum of 50% marks. (45% marks aggregate in case of candidate of backward class categories and persons with disability belonging to Maharashtra State only.)

✓ PG-PET-2021 will be conducted by MIT World Peace University at MIT-WPU Campus, Pune followed by Personal Interview (PI).

✓ Candidates will have to appear for the On-Line PG-PET-2021 entrance test which will be strictly as per the schedule declared by the MIT-WPU.

Fee Payment



70

₹ SEVENTY THOUSAND



80%

COMPULSORY ATTENDANCE

CONFIRMATION

₹ **40**

Thousand

At the time of Admission
Confirmation

Check Scholarship

1ST INSTALMENT

₹ **30**

Thousand

After 30 Days
Of Admission

Check Eligibility

Scholarship



01

Dr. Vishwanath Karad Merit Scholarship

This scholarship would provide 100% waiver on tuition fees for all the years to 5% student under given program , subject to fulfilment of following criteria's.

Graduation percentage $\geq 70\%$ | HSC percentage $\geq 80\%$

02

Scholarship for rank holders

Top ranker in this program would be eligible for this scholarship i.e. 50% waiver in tuition fees. In case top ranker is proud recipient of 'Dr. Vishwanath Karad Merit Scholarship , he /she will continue with Dr. Vishwanath Karad Merit Scholarship only.

03

Other Scholarships

- Scholarships to Elite sportsman
- Scholarships to Ward of MAEER's Staff Member
- Scholarships to ward of Personnel working in or retired from Defence
- Scholarships to students with 40% or greater disability
- Beside MITWPU Scholarships CYTEL also offers Scholarship for needy students

Placement & Internships



Kirti Ravindra Gaikwad
TCS



Komal Jadhav
Snowflake



Maitreyi Kulkarni
TCS



Shravani Dani
TCS



Divya Srivastava
Disprz



Swarali Bavalekar
Hexanika



Pratiksha Kute
Axis Technical Group India



Apurva Bhujbal
FirstCry



Energetic Campus

A 100+ Acres Lush Green

Our lush green campus has all the facilities that a student requires during his tenure here. It has a young buzz with different activities that go around throughout the day. The campus is secured, clean, and peaceful.

The students are our backbone and that makes us one of the best campuses around the city. We welcome everyone to explore this amazing energetic and lively campus of MIT World Peace University!



On Campus Facilities

Hostel

Clean - Secure

Make this your second home which is clean and secured.

Gym

Updated - Free

Health Matters! Live a healthy and fit lifestyle.

Canteen

Hygienic - Affordable

A healthy meal a day is like a wealth earned each day.

On Campus Facilities

Medical

24 X 7

Your health is our priority.
Connect with our health experts.

Auditorium

State of the Art

Where the art of our students
come to life!

Library

3 Storied Building

Books, peace and calmness is
what defines our library

On Campus Facilities

Gardens

Lush Green

A lush green landscape gives a favourable environment.

Dhyan Hall

Peace of Mind

Keep your mind at peace with regular meditation sessions.

Grounds

Well

Maintained

Sweat out your favourite sports on our ground.

Executive President



Legacy of 4 Decades & A Century Ahead

The time is ripe for the educated youth to come forward to shoulder the responsibility of leadership in public life. Unfortunately, they shy away from politics. We have to change the picture.

Shri. Rahul V. Karad
Managing Trustee & Executive President, MAEER



**Bharatiya
Chhatra Sansad**



**National Teachers'
Congress**



**National Women's
Parliament**



**Rashtriya
Sarpanch Sansad**



**World Health
Parliament**



**National Conference
on Media & Journalism**



**World Peace
Parliament**



**Bharat Asmita
National Awards**

Legacy

Founder Rev. Dr. Vishwanath D. Karad

Union of Science and Religion / Spirituality will bring peace to mankind



1981

The Seed Thought

When scarcity of Engineering Colleges lead to transform the adversity into opportunity for young aspirants

1983 - 1995

Early Expansion

Establishment of MIT Management Education under MAEER's MIT MIMER, MIT Polytechnic

1996 - 2003

Global Outreach

World Peace Centre, MIP
UNESCO Chair at WPC
MITAOE
MIT-College of Engineering

2004 - 2014

Ahead of Time

MAEER's College of Arts, Commerce & Science, MITSOM
MIT School of Government
Vishwashanti Gurukul, MITSOT

2015 - 2019

Big Leap

MIT-WPU, Kothrud-Pune
Avantika University, Ujjain
Public Dedication ceremony of 'World Peace Dome'

2021

Dynamic Education

While continuing on digital transformation, MIT WPU is finding new ways to balance traditional and new age learning methodologies.

Why Pune?



Easy
CONNECTIVITY



Less
PICK HOURS



Why Pune?



Nice

RENTED FLATS



Festivity

UNLIMITED



Why Pune?



Industry

CLUSTERS NEAR PUNE



R&D

POSSIBILITIES





Reach Us

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