



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)



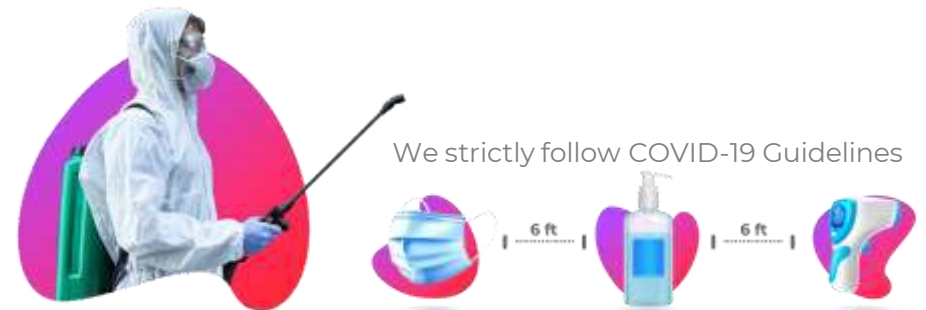
Dr. Vishwanath Karad
MIT WORLD PEACE
UNIVERSITY | PUNE
TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

Faculty of Science
School of Mathematics & Statistics

B.Sc. Computational Mathematics and 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.



Research

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



Social Innovations

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



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



Dr. Veena Kshirsagar

(Program Head, B.Sc. Computational Mathematics & Statistics)

- ❖ **Academic Qualification : B.Sc , M.Sc., M.Phil., Ph.D. (Maths)**
- ❖ **Years of Teaching Experience : 14 Year**
- ❖ **Research Publication : 5 International Publications
(3 Conference Presentations, 4 Workshop Resource Person
for Mathematical application software Maxima,
Mathematica, Latex etc)**
- ❖ **Book Publication: 7 Reference Text Books for B.Sc. CO-
Authored**
- ❖ **Domain Interest : Applied Mathematics, Numerical
Methods, Linear Algebra, Calculus: Ordinary Differential
Equations, Partial Differential Equations, Discrete
Mathematics.**



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



Prof. Suvarna Ranade

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

- **Physics for Computational Mathematics**
- **Set Theory and Logic**
- **Descriptive Statistics**
- **C – Programming for beginners**
- **English**
- **WPC I**



Trimester 02

- **Fundamental of Molecular and Cell Biology**
- **Introduction to Graph Theory**
- **Discrete Distribution**
- **Operating System Concepts**
- **Environmental and Green Chemistry**



Trimester 03

- **Computational Chemistry**
- **Algebra**
- **Continuous Distribution**
- **Database Management System with SQL**
- **WPC II**

Program Structure



Trimester 04

- **Linear Algebra**
- **Calculus**
- **Testing of Hypothesis**
- **Object Oriented Programming with JAVA**
- **R - Programming**



Trimester 05

- **Group Theory and Coding**
- **Differential Equations**
- **Attributes and Index Number**
- **Web Technology**
- **LAB – PYTHON Programming**
- **WPC III**



Trimester 06

- **Numerical Methods**
- **Combinatorics**
- **Sampling**
- **MATLAB/Number Theory/Stats**
- **WPC - IV**

Program Structure



Trimester 07

- **MOOC : Stats / Comp**
- **Metric Spaces**
- **Predictive Analysis**
- **Data Mining**
- **Machine Learning Lab**
- **WPC - V**



Trimester 08

- **MOOC : Stats / Comp / Financial Mathematics**
- **Partial Differential Equations**
- **Design of Experiments**
- **Data Science / Math / Stats**
- **Mathematical Software Lab**



Trimester 09

- **Mini Project - 1**
- **Mini Project - 2**
- **Industry Internship**

Salient Features



Perfect Blend

applied mathematics, statistics and computer science



Application Oriented

to meet the shortage of skilled human resources



Focus

basic maths, statistics, programming languages, applications



Career

fundamental research, designing, development of software apps, banking and finance industry



Scholarship

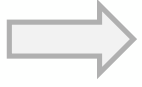
University awards scholarships to meritorious students



Program Outcome



Lifelong Learning: An ability to recognize the need for and to ready for lifelong learning to keep updated on technological changes.



Communication: An ability to communicate effectively in oral, written or graphical form for effective technical decision making, report making and presentation.



Fundamental Knowledge

The graduate of computational mathematics & statistics must have a primary ability to apply knowledge of mathematics, basic science, statistics and computer science to solve practical problems.



Ability to Analyse Problem

Acquire ability to identify, analyze and formulate complex problems to reach logical conclusions.



Design & Development of Solution

An ability to design and conduct experiments, analyze and interpret the data.



Modern Tool Usage

Ability to create, select and implement appropriate techniques, such as artificial intelligence, neural network to model complex computer programming activity.



Professional Ethics & Development

Continuous professional development through long term learning. An ability to understand and practice professional and ethical responsibilities.



Individual & Team works

An ability to function effectively as an integral member or a leader in a multidisciplinary team.



Teaching Approach



Updated Syllabus

Syllabus is updated as per the needs and current trends



Internship and Miniprojects

Encourages students to take internship in the 9th trimester.



Four MOOC Courses

Compulsory 4 MOOC courses (skill development)



Rural Immersion Program

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



Yoga

Admission Process



ELIGIBILITY CRITERIA



HSC (10+2) or its equivalent exam with Physics , Chemistry , Mathematics and English as passing subjects with minimum 50% marks in aggregate

OR



3 years Diploma Course after S.S.C from Board of Technical Education or its equivalent



Admissions will be on Personal Interview + merit basis .

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 fulfillment of following criteria's.

Aggregate SSC percentage ≥ 90 % | Aggregate HSC percentage ≥ 95 %

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

- MIT- WPU Merit Scholarship
- 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

Students Testimonials



"The good teacher makes the poor student good, but a good university along with good teachers and good atmosphere makes the good student Superior".

Hello everyone, I am Jigyasa Agarwal. I am a first year student of BSC-Computational Mathematics and Statistics at MIT-World Peace University. I chose MIT-WPU because of its holistic and unique approach towards providing quality education. Past six months have been the best learning experience with excellent teachers of MIT-WPU. Despite these difficult times MIT-WPU has been so supportive and above all this, we have Peace as a part of our integral subject which helps in ethical upbringing of a student. And with the overwhelming support and guidance of MIT-WPU, my future is definitely in safer hands. Thank you MIT-WPU for being one of the wisest and best decisions of my life.

Jigyasa Agarwal, FYB.Sc. CM&S
(Recipient of Dr. Vishwanath Karad Merit Scholarship of 100%.)

Hello Respected All,

This is Prapti Pradhan. I am a student of First Year BSc. Computational Mathematics and Statistics in MIT-WPU.

So after observing for months, I can bet anyone that it is one of the BEST University in INDIA. becoz I felt I couldn't have got such cooperative and understanding teachers and faculty anywhere else. And also the courses available here is really something we want which not only will brighten our talent but also will serve us with authentic and best placements. Apart from these, we have a subject called Peace which I think is very much necessary in everyone's life to build out a good nature. So I can proudly conclude that one of the best decision I had is to take admission in MIT-WPU coz now I am sure that my future is gonna rock and I will be flying with colors...

Thank you!



Prapti Pradhan, FYB.Sc. CM&S

I am Sanketkumar Yadav, my dream is to become an Astronomer, I want to do PhD and research in the field of astronomy. MIT WORLD PEACE UNIVERSITY provided me this beautiful course of B.sc Computation, Mathematics & Statistics with an expert teaching faculty with further opportunities which gives me a way to achieve my goals, this is why I choose this course. I am thankful to MIT WORLD PEACE UNIVETSITY, for giving me a golden opportunity to build my personality and to shape my career. I feel so lucky to be a part of MIT WPU. The faculty of B.sc CMS supporting me at every part of my life, my respected teachers encourage me to do my best, they are helping me to develop my skills, to build my confidence. Our teachers not only teach us the chapters from books but they also teach us the valuable lessons of life. MIT WORLD PEACE UNIVESITY provides me a platform from where I can share my ideas, I can share my views with others. The faculty of MIT is installing in methe best version of myself. Once again, I am thankful to MIT WORLD PEACE UNIVERSITY for providing me the path which will lead me to my destination, which will lead me to a bright future.

I would suggest the next batch to join this excellent course at MIT University & grab all the opportunities provided by MIT.



Sanket Kumar Yadav



Sayali Doifode

It's our choices that can truly show us that we are far more than our abilities.

Hello All, My name is Sayali Doifode and I want to share with you such a choice that has proved this quote down to every word. I decided to go for the BSc course of computational mathematics and statistics at the prestigious university of MIT World peace university located in my home town pune. I chose this course due to my keen interest in mathematics and for my future prospects. In addition, MIT is known as one of the well known institutions in India and I'm very grateful to the college for welcoming me with open arms. So far my experience has been spectacular. The teachers are so benevolent and helpful and my fellow classmates are all I've ever asked for, studious yet fun. I will always advice anyone to join this institution who wants to achieve their dreams with flying colours. My advice to everyone will be to never to lose your spark. At MIT, your passion will always grow and turn into your driving force in your life. Here, the experience not only helps you but it will transform you into your best version. I want to thank each and every person who has joined me in this journey and will be thankful in the coming years.



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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