



6<sup>th</sup> National Conference on  
**INNOVATIVE GLOBAL TECHNOLOGY TRENDS**

in Art, Design, Technology, Management, Vedic Science,  
Education, Architecture, Film & Media

21<sup>st</sup>, 22<sup>nd</sup> & 23<sup>rd</sup> March 2024



**MIT-ADT**  
**UNIVERSITY**  
PUNE, INDIA  
A leap towards World Class Education



For Engineers | Technologists | Architects  
Managers | Academicians | Researchers  
Innovators | Corporate Experts | Investors | Students

**Research @ MIT ADT University**

**140+**  
Patents  
Registered

**15**  
Patents  
Granted

**25**  
University  
H – Index

**250+**  
Copyrights  
Registered

**20+**  
Design  
Registrations

**60+**  
Startups  
Incubators

**35+**  
Research  
Labs

**30+**  
IP generated  
by Startups

**50**  
Research Scholars  
awarded Degrees

**350+**  
Number of  
Research  
Scholars

**1000+**  
Publications  
in the last  
5 years

**3 Crore+**  
Research and  
Consultancy  
funds received

**225+**  
Total i10 index  
of all faculties  
combined

**2+**  
2 Research  
Mentors from  
Oxford  
University

**Startup and Innovation \_AIC Funding @ MIT ADT University**

**6.43+**  
Cr. External  
Funding

**10+**  
Cr.  
Revenue

**40+**  
Cr Startup  
revenue

**200+**  
jobs created  
by Startup  
Incubators

**6+**  
Hackathons  
on National  
level

**120+**  
Startup Events  
& Activities

**57+**  
Mentors

**48+**  
Corporate  
Partners

**100+**  
Coworking  
Seats

**5+**  
Investor  
Partner



## Source of Inspiration

### **Prof. Dr. Vishwanath D. Karad**

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

## In August Presence

### **Prof. Dr. Mangesh T. Karad**

President of MAEER's MIT Group of Institutions.  
Executive President & Vice Chancellor,  
MIT-ADT University, Pune  
Vice-Chairman, EPSI

## Patron

### **Dr. Sunita M. Karad**

Director -MITCOM,  
Dean Engineering & Management,  
Director - ICT,  
MIT Art, Design and Technology  
University, Pune

## Conveners

### **Dr. Raghunath Mashalkar**

Former Director General  
Council of Scientific and  
Industrial Research

### **Dr. Vijay P. Bhatkar**

Chief Mentor, Computer Scientist,  
IT leader and Educationalist

## Co-Conveners

### **Prof. Dr. Anant Chakradeo**

Pro Vice Chancellor  
MIT-ADT University, Pune

### **Prof. Dr. Virendra Shete**

Principal  
MIT-SOE

### **Prof. Dr. Ashwini Pethe**

Principal, MITSOA

### **Prof. Dr. Virendra Bhojwani**

President,  
IIC\_MIT ADTU & Associate Dean (R&C)

### **Prof. Dr. Madhavi Godbole**

Principal- SVS

### **Prof. Dr. Rajneesh Kaur Sachdev**

Dean Engineering Exam,  
MITSOE

### **Prof. Dr. Anjali Bhoite**

Principal, MITCFT

### **Prof. Dr. Mohit Dubey**

CEO AIC-MITADTU Incubator Forum  
Head, Research & Consultancy Cell  
MIT ADT University, Pune

### **Dr. Nachiketh Thakur**

Director-Design

### **Dr Archana R Singh**

Head Research &  
Consultancy, MITCOM

## About Conference

We firmly believe in the philosophy that Research is the key for successful innovation. We are proud to announce that the 6<sup>th</sup> National conference on “Innovative Global Trends in Art, Design, Technology, Management, Vedic science, Education, Architecture, Film, and Media” is being organized at MIT ADT University, Loni Campus, Pune from 21<sup>st</sup> March to 23<sup>th</sup> March 2024. The said Conference is organised to give a Platform to Faculties, Students, Researchers & Corporate experts to express their knowledge in the field in which they are working. The MIT ADT University is deeply involved in research, innovation and bringing the Innovation culture in the organisation. Emphasis is given to encourage students to think in innovative ways, and supports their innovative ideas to bring in to reality. A separate Centre for Research, innovations, and Entrepreneurship for Young Aspirants CRIEYA works to develop the an eco -system at the university to promote the Innovative ideas, Startup and Entrepreneurship culture in the University. Students and the Faculty Researchers get an opportunity to present and publish research papers in the University Journal “Abhivrudhi”. University’s Ethical Research Committee and the Editorial Committee review the papers and allow the selected papers to present to the audiences. A separate series of Talk’s on the various areas of Art, Design, Technology, Management, Architecture, Film and Media and Vedic Sciences is organised to promote the research culture in the university.

## Committee Conference

### Event & Technical Session Management

Dr. Prabhat Kumar  
Prof. Dr. Dhananjay Upasani  
Prof. Dr. Rekha Sugandhi  
Prof. Dr. Ashwini Joshi

### Technical Programme Committee

Dr. Ravindra Khedkar  
Prof. Namrata Naikwad  
Mr. Bhima sanap  
Mr. Raju Gurav

### IT Coordination

Prof. Hanumant Pawar

### Transport & logistics Support Committee

Mr. Rahul Deshmukh

### Sponsorship & Finance Raising Committee

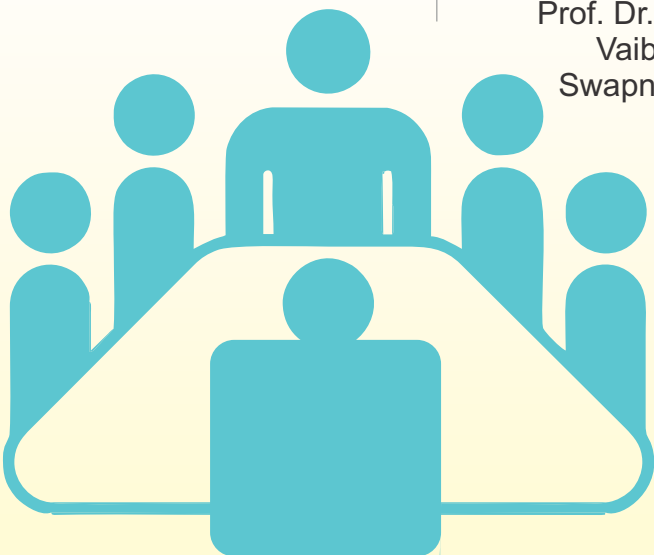
Dr. Mahesh Chopade  
Prof. Dr. Anant Chakradeo  
All HOI's & HOD's of all Institutes

### Hospitality Committee

Prof. Dr. Anjali Bhoite  
Vaibhav Patil  
Swapnil Patharkar

### For Registration Committee

Dr. Sagar Tambe  
Dr. Jayashree Prasad  
Dr. Nitin Pagar  
Prof. Pandi Siddharth  
Prof. Amit Dharnaik  
Dr. Prabhat Kumar  
Prof. Aditi Sonawane  
Dr. Ashok Todmal  
Dr. Dipak Vakrani  
Mr. Fayaj Pathan  
Dr. Pratibha Jagtap  
Dr. Santosh Darade  
Dr. Namrata Kamble  
Dr. Anjali Bhamre  
Prof. Prasad Thorat  
Prof. Shilpa Nagapurkar  
Prof. Pratik Dutta  
Prof. Aunya Patil  
Dr. Pradip Das  
Prof. Sambit Pal  
Dr. Vijaya Gondane  
Miss. Malika Jain  
Dr. Pradip Das



## Focus

Technology advancements are being observed as a continuing phenomenon that is bringing changes in Global trends in all spheres of the life. Globalization has opened up new and extensive opportunities as well as challenges to face. Exchange of innovative ideas and information among the researchers and experts will be the key to the growth and evolution of newer technologies for the advancement in the Design & Technology segment MIT Art, Design & Technology University brings convergence of intellects, practitioners, researchers, academicians, technology experts and industry gurus from across the country, involving in exchanging, deliberating, sharing new ideas and advances in emerging technologies.

## Intent

- Opportunity for Research paper
- Interface with Innovation on Global level
- Presentation at University Level
- Experts Talk on Conference topics of Innovation
- Skills and Technology Innovations

## MIT Group of Institutions



MIT World Peace University, Pune



MIT Art, Design & Technology University, Pune



Avantika University, Rajasthan



MIT University & Meghalaya



Vishwaprayag University, Solapur

MIT Group of Institutions initiated in a revolutionary and innovative way. spread of technical education in Maharashtra facilitating quality education to the society interested in gaining knowledge which was then depended on a very few Government Engineering Institutions. Maharashtra Institute of Technology, the flagship institute of MIT Group of institutions was established in the year 1983, under the trust called MAEER acronym for "Maharashtra Academy of Engineering and Educational Research, Pune". MIT is one of the first nine private Engineering institutions of Maharashtra. It's a dream come true of a simple and dedicated teacher Prof. Dr. Vishwanath D. Karad, founder of MIT Group who coveted that the quality education should reach masses and made available to every merit holder irrespective of one's class, creed or religion. What makes MIT special is the strong ethical foundation upon which MIT Group has embarked. Its life-mission of imparting education with five main principles of Holistic Social Development Policy:

- To develop a spirit of inquiry and achieve Academic Excellence,
- To inculcate a sense of discipline and character,
- To develop a spirit of Social Commitment,
- To promote a Culture of Peace in the society,
- To build a strong industry–institute interface.

Today after 40 years of excellence MIT Group has 64 institutions with more than 6,500 teaching and nonteaching personnel catering educational needs of more than 50000 students in more than 13 campuses all over Maharashtra in every year.

At MAEER's MIT Group of Institutions, the value based quality education is being facilitated in varied fields like of Engineering, Medicine, Pharmacy, Marine Engineering, Music, Sangeet, Distance Education, Telecom Management, Design, Food Technology ,Management, innovative School of Government and also the Pre-primary, Primary, Secondary and Higher Secondary School Education bragging the Best Ranking in each stream . Innate to knowledge seeking is the School division under which Schools providing education in IB, CBSE, SSC and HSC board are catering the need of quality education at par with highest of its standards. This school division has initiated with 'Vishwashanti Gurukul' in the year 2007 and now it has 7 branches of Gurukul all over Maharashtra. Apart from these specially designed Gurukul system schools, MIT Group has schools which provide education in Marathi Medium and English medium under the prescribed norms of State Board of Maharashtra.

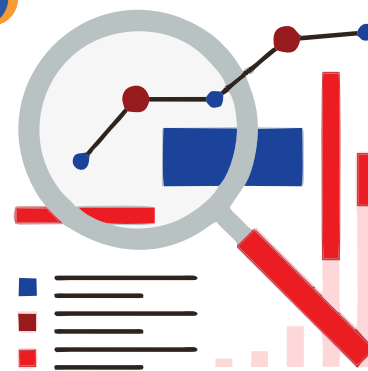
On 31<sup>st</sup> July 2015, MIT Group got the permission to start the MIT University of Art, Design and Technology at the Raj Baug Campus at Loni, 25km away from Pune. This University facilitates courses in Liberal Arts, Fashion and Design, Films and Broadcasting, Maritime Education, Aeronautical and Aerospace Engineering, Food Technology, Management and many other streams. Our main emphasis would be to deliver courses in innovative way adapting to Global methods of fully flexible Credit system of assessment.

Apart from Quality education MIT Group of Institutions believe in value based education system. In appreciation of the work carried out by the MAEER MIT's 'World Peace Centre' in championing the cause of promoting the Value based Universal Education system for spreading the message of peace in society with the apt blend of science, technology and spirituality, UNESCO, Paris bestowed it with an "UNESCO Chair for Human Rights, Democracy, Peace and Tolerance" on May 12<sup>th</sup>, 1998.



## Research Paper Submission

The Research paper Publishers are invited to contribute their papers on research and innovation. The abstract of the Contributing paper should focus on the items such as objective of the Study, methodology, research findings and scope of the study. There will be a review on the abstracts by experts and selection of the paper is based on the recommendations of the referee committee. Conference secretariat is planning to bring out the proceedings of the conference after a peer review process. The authors are requested to prepare their full length paper and communicate the same as per the scheduled time. Preference will be given to the papers with new theoretical contribution, novel applicability of existing tools with state of art. The participants are requested to send the abstracts of their papers as per the format mentioned below. Selected research papers will get published in Abhivrudhi Journal.



**Text Format:** Microsoft Word format

**Title:** Use initial caps in the title; do not use all caps

**Author(s):** Type all authors' names with initial caps. Include affiliations for all authors using tags if necessary.

**Address:** Contact/ Presenting authors' names and mailing address and e-mail addresses.

**Keywords and Phrases:** Maximum 5 keywords or Phrases.

**Abstract Body:** Limited to 200 words.

## Research Paper Submission

**Last date for Submitting abstract : 31<sup>th</sup> January 2024**

**Last date for Submitting Full paper : 28<sup>th</sup> February 2024**

(Research Papers will be accepted through Microsoft CMT : IGTT-2024)

## Fees for Research Paper Presentation

**Students: Rs. 1500/-      Academician: Rs. 2000/-      Industry : Rs. 2500/-**

**( for individual and group separate fees shall be added)**

## Fees for conference registration

**Students : Rs. 1000/-      Academician : Rs. 1500/-      Industry : Rs. 2000/-**

(Paper Presentation/ Participation Certificates will be provided to only paid candidates.)



# CONFERENCE SCHEDULE

Inaugural Ceremony on 21<sup>st</sup> March 2024 at 2:30 PM to 4.30 PM  
Session on 22<sup>nd</sup> & 23<sup>rd</sup> March 2024

## Engineering

### CSE/IT: Advanced Computer Science and Information Technology

- Cyber Security
- Machine learning and AI
- Automated Software Engineering
- Bioinformatics and Scientific Computing
- Biomedical Engineering
- Compilers and Interpreters
- Computational Intelligence
- Computer Architecture & Computer Animation
- Cloud Computing & Cyber security
- Big Data and Analytics
- Computer Graphics & Virtual Reality
- Computer-aided Design/Manufacturing, IOT & Computing Ethics
- Computing Practices & Applications

### ECE: Recent Advancements in Electronics & Communication Engineering

- 5G Technology
- VLSI Design and Chip Fabrication
- Advances in Sensors and Energy
- Industrial IoT
- Signal and Image Processing
- Satellite Communication
- Mobile Computing
- Electric Vehicle Technologies

### Mechanical Engg: Recent advances in Mechanical, robotics & automation and Electric vehicles

- EV Technology & its future
- Robotics & AI/ML
- Current Trends in Automation
- System Design & Simulation Techniques
- Design & Manufacturing
- Thermal Energy and Cryogenics
- Cryogenics Smart Materials
- Smart Materials, Tools & Coating
- MEMS & Nano-Technology
- Vibration & Noise Control
- CAD CAM and Integration Technology

### Aerospace Engg: Recent Advancements in Aerospace Engineering

- Aerodynamics
- Aerospace & Rocket Propulsion
- Computational Fluid Dynamics
- Aerospace Structures
- Flight Dynamics
- Experimental Aerodynamics
- Space Applications
- UAV's & Drone Applications
- AI & ML for Aerospace Engineering
- Advanced Manufacturing Techniques

### Civil/ Project & Construction Management: Impact of Development on Environment

- Sustainable Development Practices
- Climate Change Mitigation and Adaptation
- Urbanization and Green Infrastructure
- Water Resource Management
- Renewable Energy

- Waste Management
- Air Quality and Pollution Control
- Eco-friendly Technologies and Innovation

### Marine Engineering, Port and Shipping: Shipping: a future perspective

- Criminalization of Seafarers
- Blue Economy
- Ship Manning Challenges
- Green Technology Development In Ship & Engineering
- Naval Architecture, Marine Design & Ship Building Engineering
- Ship Design Guidance for effective ship Aerodynamics Interface
- Powering & Propulsion
- Adopting & innovating to build resilience for Naval Operations.
- Marine Ecosystems
- Aquatic Conservation
- Robotic Marine Vehicle

### Bioengineering: AI for healthcare

- Disease modeling
- Virtual Health Assistants
- Medical record management

## Management

### Marketing: Harnessing the Marketing Power

- Strategic Marketing Transformation
- Marketing E commerce
- Marketing Analytics – Future of marketing
- Digital Marketing
- Responsible Consumerism
- Strategic Marketing Management - Customer Retention, Loyalty and Advocacy
- Integrated Marketing Communication & its impact
- AI Based Marketing Automation
- Marketing – Staying ahead of the Game
- Martech's Ecosystem – Evolution Mean for Marketers?

### HR Management: 'Reenvisioning HR: Unlocking Human Potential and Performance in Hybrid World'

- Redesigning Talent Acquisition
- Recasting Talent Optimization
- Reconstructing Performance and Rewards
- Reimagining DEIB
- Rebuilding Learning and Development
- Revisualizing People Analytics
- Rethinking Employee Wellness
- Reconceptualizing Workplace Culture
- Repicturing AI Assimilation into HR

### Agri-Food Management:

- Climate-smart agriculture (CSA) towards sustainable agri-food systems
- Drone, Robotics and Imaging in Agriculture
- Millets For Nutrition and Climate Action
- Agri product export and management
- Contract farming
- Agricultural Marketing Policy
- Rural and Tribal Product marketing
- Agri Banking & Agri entrepreneurship
- Agricultural Marketing Infrastructure & Development
- Agricultural Value Chain development

# CONFERENCE SCHEDULE

**Inaugural Ceremony on 21<sup>st</sup> March 2024 at 2:30 PM to 4.30 PM**

**Session on 22<sup>nd</sup> & 23<sup>rd</sup> March 2024**

- Agri-Business & Management
- Agricultural Industry-specific case studies
- Ecological organic trade, markets, and economy
- Strategies to increase awareness, production and commercialization of nutraceutical and functional foods

## **Finance: The future of Fintech Trends 2024**

- Currency, Derivatives Business Perspective.
- Block Chain & Crypto currency
- Capital Market Reforms.
- Global Economic crisis
- A critical review of Crypto currency system
- Open Banking
- Decentralised finance
- Sustainable Investment
- Financial Inclusion
- Empirical Finance
- Behavioural Finance

## **Health Care Management: “Technology, Trends and Digital Innovations for revolutionizing Healthcare Management” – The Power of Possibility**

- Transforming Healthcare Management with Robotics, IoT, artificial intelligence, and block chain
- Strategies for patient engagement for improving patient experience
- Investing in mental health
- Utilization of telehealth systems for Healthcare Management
- Focusing on healthcare inequalities with social determinants of health

## **Logistics & Supply Chain Management: “Leveraging Logistics & Supply Chain Management for Inclusive Service Delivery in Developing Economies”**

- Logistics Service Pavillion
- Geotrackers Mobile Resource Management
- Impact of cloud, big data and AI on L&SCM
- Agro L&SCM
- Relationship management and trust in Logistics & supply chain management

## **Design**

### **Design: Designing Tomorrow: Innovation, Sustainability, and Human-Centered Solutions**

- Design for Sustainability
- Human Factors in Design
- Design Research and Education (Design methods, processes, tools, techniques)
- Design for Aesthetic, Semiotics, Semantics
- Design for Future/Smart Product
- Crafts and Sustainability
- Design and Culture
- Design and Technology
- Design Entrepreneurship
- Design strategy & Innovation
- Design for Disruption
- Designing beyond the boundaries
- Sustainable User Centered Design

## **Crieya**

### **Innovation: Innovation Ecosystem and its Essentials**

- Design Thinking
- How to develop Innovation System
- How to define Problem Statement
- Technology Commercialization
- Intellectual Property Management
- Realization of Innovation

## **Film & Television**

### **Media Entertainment in Digital Era: Visual Effects Film making**

## **Architecture**

### **Architecture: Changing paradigms of Architecture and Planning**

- Developments and innovations in architecture and construction management
- Sustainable Development
- Cultural heritage
- Urban and rural planning
- Pedagogical innovations in architecture and planning

## **Vedic Science**

### **Vedic Science: Rediscovering the Rich Tapestry of Indic Knowledge Systems: Bridging the Past and Future**

- Exploring Health, Wellness, and Psychology: An Indian Perspective
- The Role of Indian Language and literature in Advancing Indigenous Knowledge System
- Exploring the Indian Tradition of Art, Music, and Dance
- Indic Insights into Economics, Management, Public Administration, and Governance
- Indic Traditions in Architecture, Design, and Planning

### **Psychology: Psychology in the Modern World**

- Applications, challenges and emerging interventions of psychology in the changing world.
- Relevance and role of psychology in the light of technological advancements and AI.
- Cross cultural and multidisciplinary applications of Psychology.
- Emerging avenues in Forensic, Criminal and Military Psychology
- Mental Health in Work forces
- Contemporary application of Indic Wisdom in Psychology.

## **Broadcasting and Journalism**

### **International School of Broadcasting and Journalism: Innovations in Broadcasting**

- Changing nature of journalism in the world of convergence,
- Innovations in broadcasting,
- Challenges in combating misinformation and disinformation,
- Development communication in globalised world,
- AI and Media
- Evolution of Media Laws, Policy and Regulations in changing India,
- Digital innovations in advertising, branding and marketing,
- Dynamics of Social Media and Political Communication,
- Cinema: beyond Theatres, towards Streaming Platforms

## **Law & Justice**

### **School of Law: Artificial Intelligence and Law**

- Artificial Intelligence and access to justice;
- Data Privacy and Security;
- AI and Contract Management;
- AI and Intellectual Property;
- AI and Education and Training;
- AI and Legal research and case analysis;
- AI and ethical and regulatory frameworks

## **Library & Information Science**

### **Emerging trend of library services & use of resources**

## Categories of Awards for Industries



**Best startup of the year Award**  
**Rupees 1,50,000**

Startup registered within last five years. Profitable, with minimum profits of ten lakh rupees per year, during the last two years.



**Best Innovative Product award**  
**Rupees 1,00,000**

Any product available commercially, for which patent has been filed. Preference will be given if patent is already granted.



**Best Business Model of the Year award**  
**Rupees 50,000**

New model should have increased the yearly profit by more than 5%



**Best Emerging Entrepreneur award of the year**  
**Rupees 1,00,000**

Startup registered within last two years, yet to make profit of more than 10 lakh rupees, but with good potential.



**Best Innovation in the Future skill of the twenty first century award**  
**Rupees 1,00,000**

Most innovative way to train existing employees or local population, by any industrial organization



**Best Reusable Energy Project of the year award**  
**Rupees 75,000**

More than 30% of energy requirement of the organization must be from renewable energy source or overall energy consumption should have reduced by at least 30% compared to previous year, maintaining at least 80% of the production volume (compared to previous year)



**Best Research Paper Award Prize**  
Prize-15,000/-  
Prize-10,000/-  
Prize-5,000/-

**Best Research Paper Presentation Award Prize**  
Prize-15,000/-  
Prize-10,000/-  
Prize-5,000/-

**\* Total Prizes worth more than 5 lakh Rupees, for industry participants**



## Pioneer Awardees for 5th National Conference

Sr No	Winning Category	Name of the Organization
1	Best Startup of the Year Award	Basillia Organics Pvt Ltd
2	Best Innovative Product Award	Sushrut Designs Pvt Ltd
3	Best Business Model of the Year Award	Hygienity Solutions Pvt Ltd
4	Best Emerging Entrepreneur of the Year Award	Mr. Pratap Babanrao Pawar
5	Best Innovation in the Future skill of the 21 <sup>st</sup> Century Award	Vcreatek Consulting Services Pvt Ltd.

## Pioneer Awardees for 4th National Conference

	Name of the Applicant	Name of the Organization	Winning Category
1	Mr. Govinda Hari Sonawane	Agri waste pvt ltd	Best Reusable Energy Project of the year
2	Mr. Rijish V R	Simplify Agri Private Limited	Best Innovation in the Future Skill of the 21 <sup>st</sup> Century
3	Ms. Prachi Patil	SUZU AGRO PRIVATE LIMITED	Best Cost Efficient Model of the year
4	Mr. Ankit Gupta	SAARK Customs Pvt. Ltd.	Best Emerging Entrepreneur
5	Mr. Pramod Priya Ranjan	Care Form Labs Private Limited (Onpery)	Best Business Model of the Year
6	Dr.Gurunath Parale	Heyan Health Solutions Pvt Ltd	Best Innovation Product
7	Mr. Vanky Kataria	Syook	Best Startup



## MIT UNIVERSITY'S - ABHIVRUDDHI JOURNAL

### Theme of Research Journal

MIT ADT University is a beautiful amalgamation of various fields of knowledge including engineering & technology, art, performing arts, design, biotechnology and Vedic sciences. We take immense pride in presenting to you "Abhivruddhi," an esteemed annual publication that caters to the scholarly pursuit of knowledge and advancement in various disciplines. Rooted in the English language, our journal serves as a platform for researchers, academicians, and intellectuals to share their insights and discoveries.

The name "Abhivruddhi" itself encapsulates our vision. Derived from the Sanskrit language, "Abhivruddhi" signifies growth, progress, and prosperity. Just like its name, our journal aims to foster the flourishing of ideas and innovations, encouraging the expansion of intellectual horizons.

With a commitment to excellence and a dedication to promoting intellectual discourse, "Abhivruddhi" is a gateway to the forefront of research and exploration across diverse subjects. Join us in this enriching journey of knowledge and contribute to the collective Abhivruddhi of the academic community.

This research journal presents a comprehensive and multidisciplinary examination of prosperity in the modern era, aiming to shed light on the complex interplay of factors that contribute to societal well-being and economic growth.

The word "Abhivruddhi" refers to the state of progress, advancement, or development, particularly in the context of economic, social, or personal well-being. "Abhivruddhi" signifies the positive expansion and improvement of various aspects of life or a community.

With a commitment to excellence and a dedication to promoting intellectual discourse, "Abhivruddhi" is a gateway to the forefront of research and exploration across diverse subjects. Join us in this enriching journey of knowledge and contribute to the collective Abhivruddhi of the academic community.

#### Startup Innovation & Award Committee

Dr. Mohit Dubey

Dr. Ramachandra Pujeri

Prof. Dr. Virendra Bhojwani

Prof. Dr. Virendra Shete

Dr. Chhabi Chavan

Dr. Mrudang Y. Shukla

#### Research & Editorial Committee

(for awards to accepted research papers and paper presentations)

Aerospace Engineering : Dr. Devabrata Sahoo

Architecture : Dr. Ashwini Pethe

Civil Engineering : Dr. Kishore Ravande, Dr. Satish Patil

CSE : Dr. Rajesh Prasad, Dr. Jayashree Prasad, Dr. Rajani Sangappa Sajjan, Dr. Nandkumar Kulkarni, Dr. Ayesha Butalia, Dr. Prashant Dhotre, Dr. Krishna Kumar, Dr. Pathan Mohd Shafi

Education : Dr. Namrata Kamble

Food Technology & Agri : Dr. Anjali Bhoite, Dr. Yogita V Chavan

Mechanical Engineering : Dr. Virendra Bhojwani, Dr. Bhmeshwar Patle, Dr. Nitin Pagar

ECE : Dr. Manoj Hans, Dr. Rajendraprasad Pagare

Management : Dr. Chhabi Sinha-Chavan, Dr. Jitendra Kaushik, Dr. Ujjwal Mishra, Dr. Samita Mahapatra, Dr. Archana Singh

Vedic Science : Prof. Anuya Patil; Prof. Pratik Dutta

Bioengineering : Dr. Renu Vyas, Dr. K V Swamy, Dr. Pranav Pathak

Journalism : Dr. Mayura Bijale, Dr. Kashif Hasan

Design : Dr. Wricha Mishra

Applied Science : Dr. Rajesh Ingale, Dr. Rahul Kadu, Dr. Haribhau Bhapkar, Dr. Manoj Patowary, Dr. Vinayak Dhumale, Dr. Atul Patil

# Keynote Speakers for the 5<sup>th</sup> National Conference (A.Y 2023-24)

## Engineering (CSE/IT /ECE)



**Dr. Parikshit**  
Professor and Head, Department  
of Artificial Intelligence and  
Data Science, VIIT



**Anjali Mogre**  
Principle Consultant  
ATOS Mumbai



**Prashant Pansare**  
Rubiscape Founder & CEO



**Dr. Neha Sharma**  
Analytics & Insights,  
Tata Consultancy Services



**Ankush Gosh**  
Fellow IETE, Senior  
Member IEEE, Editor, Author,  
Researcher, Innovator  
and Associate Professor



**Sucheta Dhare**  
Globetrotter, Change maker  
Social Entrepreneur, Founder of  
WIMLDS pune Electronics, Telecom,  
systems & Software Engineer



**Monali Bhalerao**  
Engineering  
Manager at Eaton



**Mr. Sanjay Jambhale**  
VP and  
Strategy Head



**Charudatta Pande**  
CEO



**Dr. Kishore Sarawadekar**  
Assistant Professor,  
Department of Electronics  
Engineering, Indian Institute  
of Technology (BHU)



**Santosh Sonawaneji**  
Pro-Vice Chancellor  
Vijaybhoomi University

## Engineering (AE) Aerospace Engineering



**Mr. Guruprasad Biswal**  
Vice President, Aerospace



**Dr. Himanshu Shekhar**  
Sc 'G' Group Director,  
HEMRL (DRDO), Pune



**Mrs. Leena Bokil**  
Space Educator & Science  
Communicator,  
ASTRO-EDU, Pune



**Deepak Kapadia**  
Director Kris  
Aero services P Ltd

## Engineering (Mechanical)



**Shirish Kotecha**  
President (Achal Industries)



**Dr. Suhas Deshmukh**  
Mechanical Engineering Department,  
Govt. College of Engineering, Karad



**Vikas Dangat**  
Group Director,  
SV Group of Companies



**Prashant Dhawale**  
MD -KPF



**Dr. Rajaram Shinde**



**Anand Thakar**  
CAD CAM Guru

## Civil/Architecture/Project & Construction Management Civil Engg. /PCM Dept.



**Mr Aniruddha Shidhore**  
PN Shidhore Civil Engineers  
(I) Pvt. Ltd., Mumbai



**Pitchumani, N Kumar**  
Regional Director at  
AECOM India Pvt Ltd



**Mr Niren Argade**  
MD -KPF



**Prashant Alatagi**  
Director at Prashant  
Advanced Survey LLP



**Dr. Madhav Kumthekar**  
HOD, Civil Department,  
COE Karad



**Dr. Sagar Malsane**



**Yusuf Inamdar**



## Marketing



**Mr. Anmol Jain**  
DevOps Manager,  
Enterprise Service  
Management at Schlumberger



**Dr. Sanjay Arora**  
Marketing, Branding &  
Digital Marketing Consultant | Trainer  
| TEDx | Speaker | Founder &  
CEO, Shells Advertising Inc.



**Mr Iftekhar Pathan**  
Co-founder Metta  
Social Solutions Pvt Ltd



**Manoj Vanjari**  
AVP, Dentsu



**Tanmay Telang**  
Director Entrepreneurship ,AFARM



**Parag Kasbekar**  
GM, sales and business development,  
Yazaki India pvt ltd

## Human Resource Management



**Ms. Priti Phansalkar**  
Head HR -  
Clariant Technologies



**Mr. George Cardoz**  
Head HR -  
Forbes Marshall



**Mr. Samir Kukade**  
President HR -  
Praj Industries



**Ms. Sucheta Phatak**  
Director HR - Resilinc



**Mr. Sugog Bhandekar**  
(Senior HR Leader) TCS

## Management (Agri & Food Business Management)/ College of Food Technology MBA AFBM/B.Tech/M.Tech Food Technology



**Chaithanya Hoskote**  
Professor



**Ajinkya Hnage**  
Founder, Two Brothers



**Nilesh Lele**  
Founder and MD of  
Exelon Foodbio Advisors Pvt. Ltd.



**Madhuri Ghugari,**  
Director, Agrinext



**Sanjay Bisht**  
Reasonal Head,  
Enza Zaden



**Mr. Maguresh Gaikwad**  
Syngenta



**Mr. Sham D.Gambhire**  
Director, Royal Ingredients Group India  
Technical advisor to AIBMA  
( All India Bread Manufacturer Association)



**Mr. Jaywant Patil**  
Founder –  
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**Sumedha Jalgaonkar**  
Founder-  
Foodiesys Consulting



**Dr. Nilesh Amritkar**  
Managing Director-  
at Envirocare Labs.



**Dr. Prabodh Halde**  
Head Regulatory  
Marico Ltd



**Dr. Sangeeta Kasture**  
Scientist<sup>F</sup> Department  
of Biotechnology

## MANET Marine Engineering



**Arnab Dass**  
Founder &  
Director,MRC



**Capt Vivek trivedi**  
Training superintendent

## Finance



**Sunil Sharma**  
Co-founder  
SquadX, Coingape



**Paritosh Basu**  
Senior Professor and  
Chairperson MBA (Law)



**Vinod kashyap**  
Director, NextGen Knowledge  
Solutions Private Ltd.



**Ashok Bhansali**  
Corporate Trainee-  
Virtual CFO Services



**Chandrashekhar Tilak**  
Chief Risk Officer &  
Executive Vice President,NSDL



**Dimakh Sahasrabudde**  
Chairman and CEO

## Innovation

### Innovation Ecosystem and its essentials



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CEO, AIC-MIT ADT  
Incubator Forum



**Rahul More**  
Dean - Faculty of Skills and  
work-integrated Education,  
Director - Innovation, Strategy and Operations



**Sandhya Pande**  
VP-ENGINEERING  
PRODUCT AND  
DEVELOPMENT



**Dr. Apporva Palkar**  
Director - Innovation,  
Incubation &  
Linkage at SP Pune University

### Design



**Sandip Paul**  
Product  
Designer/Innovator



**Ravi Badave**  
Director Product Delivery,  
Matcard



**Prof. Vivek Kant**  
Ass. Professor of IDC,  
IITB



**Indranil**  
FOUNDER & PRINCIPAL ASSOCIATE, IGA  
JOINT DIRECTOR,  
PUNE BIENNALE FOUNDATION  
CORE COMMITTEE MEMBER, ART MANDAI

### Media Entertainment in Digital Era



**Deepal Trivedi**  
NDTV Journalist

### Education



**Dr. Sanjeev Sonawane**  
Dean, Faculty of  
Interdisciplinary studies,



**Dr. Sybil Thomas**  
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**Dr. Sunita Wadikar**  
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### Urban & Regional Planning



**Prof. Sanjay Pathak**  
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