



Shri Shamrao Patil (Yadavkar) Educational & Charitable Trust's  
**Sharad Institute of Technology College of Engineering**  
Yadav (Ichalkaranji) - 416121 Tal - Shirol Dist - Kolhapur (MS) India  
An Autonomous Institute

(Approved by AICTE, New Delhi, Recognized by Government of Maharashtra & Affiliated to DBATU, Lonere)  
**NBA Accredited Programs, Accredited by NAAC 'A' Grade, ISO 9001:2015 Certified Institute.**

**Summary of Guest Lectures - Winter 2025**

**Academic Year : 2025-26**

Sr. No.	Topic for Expert Talk	Expert Name & Designation	SDG Goals Mapping	Justification	Department
1	Substation Protection and Maintenance	Mr. Surgonda Shivgonda Patil	SDG 7: Affordable and Clean Energy	Strengthens reliable and sustainable energy infrastructure systems.	EE
2	Electrical Safety	Mr.R G Waydande	SDG 8: Decent Work and Economic Growth	Promotes safe industrial working conditions and workforce protection.	EE
3	Power Electronic application	Mr. Anup Joshi	SDG 9: Industry, Innovation and Infrastructure	Enhances efficient power conversion technologies for modern industries.	EE
4	MPSC/UPSC Competitive exam preparation	Mrs. Joyti S patil, Assistant motor vehicle inspector, RTO Kolhapur	SDG 4: Quality Education	Supports access to competitive and higher-level educational opportunities.	AR/ME
5	Process Simulation in Automation and Robotics	Mr. Manoj S Potdar, CEO-M CAD Solutions, Pune.	SDG 9: Industry, Innovation and Infrastructure	Encourages advanced industrial automation and smart manufacturing.	AR
6	The Basic of Geometric dimensioning and tolerance	Mr Vishal R Balwan, Design engineer FIE Research, Ichalkaranji.	SDG 9: Industry, Innovation and Infrastructure	Improves precision engineering and manufacturing quality standards.	AR
7	Fundamental of PCB Design and Layout	Mr Prasanna Waichal, Director and chief scientist, Waichal Research, Ichalkaranji	SDG 9: Industry, Innovation and Infrastructure	Enables electronic product innovation and hardware development.	AR

8	GATE Exam Preparation	Mr Vinayak M Yadav, Director of Pioneer Education Hub	SDG 4: Quality Education	Enhances technical education and higher academic progression.	AR
9	CAD/CAM	Mr Pramod S Telave, Director of Proclick Technologies	SDG 9: Industry, Innovation and Infrastructure	Supports modern design and automated manufacturing processes.	AR
10	Circuit Simulation with LT-SPICE	Mr Prasanna Waichal, Director and chief scientist, Waichal Research, Ichalkaranji	SDG 9: Industry, Innovation and Infrastructure	Facilitates innovation in electronic circuit design and testing.	AR/ME
11	Industrial Automation using PLC	Mr. Akash Dongale, Founder, DS Automation, Kolhapur.	SDG 9: Industry, Innovation and Infrastructure	Promotes smart industry and automated production systems.	Mtrx
12	Insights of MS in Abroad	Mr. Parag Patil, Certified German Lanugauge A1 Exam, Goethe-Institut, Banagalore.	SDG 4: Quality Education	Encourages global higher education exposure and knowledge exchange.	Mtrx
13	Scope of VLSI Industry: Opportunities and Challenges	Mr. Suraj Neminath Shinde, Lead SoC Design verification engineer, Intel, Pune	SDG 9: Industry, Innovation and Infrastructure	Advances semiconductor innovation and technological infrastructure.	Mtrx
14	Sustainable Energy and Wind Mill Technology	Mr. Ajit Bogulkar, HR head, GRI towers Pvt. Ltd., Majale, Kolhapur.	SDG 7: Affordable and Clean Energy	Promotes renewable wind energy solutions for sustainability.	Mtrx
15	Digital Marketing for Sustainable Entrepreneurship	Mr.Tushar Patil, Founder & Digital marketing Consultant, Market Yug, Kolhapur	SDG 8: Decent Work and Economic Growth	Supports sustainable business growth and entrepreneurship.	Mtrx
16	Sustainability and Energy Efficiency with Advanced Glass Solutions	Mr. Ramesh Jigan, HR Manager, Magum Tuff India Pvt. Ltd, Belagavi, Karnataka.	SDG 12: Responsible Consumption and Production	Encourages energy-efficient construction materials and sustainability.	Mtrx
17	Engineering career opportunities in civil services	Mr Shailesh K Kokate, Sidhaanti IAS Academy, Ichalkaranji	SDG 8: Decent Work and Economic Growth	Expands employment opportunities in public service sectors.	ECE

18	Automobile Career and the Role of Safety Riding in shaping the future	Mr Nikhil Tulsigar, Area Manager Safety Riding, Honda motors, Pune.	SDG 3: Good Health and Well-Being	Promotes road safety and reduces accident-related health risks.	ECE
19	How to Prepare GATE by yourself	Mr. Bajarang Shankar Kamble, Senior Broadcast Engineer, All India Radio Akashvani, Kolhapur	SDG 4: Quality Education	Strengthens self-learning and academic advancement skills.	ECE
20	Data Science and Analytics	Mr. Premkumar ramesh Mahajan, CEO and AI Developer, Pune	SDG 9: Industry, Innovation and Infrastructure	Drives data-driven innovation across industries.	ECE
21	Data Visualization using Powqer BI hands on Practices	Mr. Premkumar ramesh Mahajan, CEO and AI Developer, Pune	SDG 9: Industry, Innovation and Infrastructure	Improves decision-making through analytical tools and visualization.	ECE
22	Box Culvert Design workshop using MIDAS Civil	Mr Kishore Yalamanchili, Structural Engineer, Hyderabad	SDG 9: Industry, Innovation and Infrastructure	Enhances sustainable infrastructure design skills.	CE
23	Introduction of STAAD Pro software	Ms. Neeta Kamble, Trainer, IGTR, Kolhapur	SDG 9: Industry, Innovation and Infrastructure	Supports structural engineering and resilient infrastructure planning.	CE
24	Introduction to Civil softwares	Mr. Rahul Kare, Aarambh Tech, Delhi	SDG 9: Industry, Innovation and Infrastructure	Strengthens infrastructure design and digital engineering skills.	CE
25	Project Development and Patent strategies for Innovation	Mr.Rohit kadam, Managing Director, Robosap Innovation pvt ltd	SDG 9: Industry, Innovation and Infrastructure	Encourages research, innovation, and intellectual property development.	AIDS
26	AI and Human rights	Mr.Nikhil K.Ligade lead software engineer, JP morgan chase, Pune	SDG 16: Peace, Justice and Strong Institutions	Promotes ethical AI aligned with justice and human rights principles.	AIDS
27	AI-Driven VLSI Design Automation	Mr. Suraj Neminath Shinde, Lead SoC Design verification engineer, Intel, Pune	SDG 9: Industry, Innovation and Infrastructure	Integrates AI for advanced semiconductor design innovation.	AIDS
28	AI in Finance	Mr.Avinash Sakat ,Owner, Techspot infotech, Sangli	SDG 8: Decent Work and Economic Growth	Enhances financial inclusion and economic system efficiency.	AIDS

29	Competition Exam Preparation	Mr.Rajendra Bendugade, Assistant Engg, MSCTCL, Kolhapur	SDG 4: Quality Education	Improves access to educational and career advancement opportunities.	AIDS
30	CURD operations using Hibernet API	Mrs.Shrikant Khot, Director Platominds Services , Kolhapur	SDG 9: Industry, Innovation and Infrastructure	Strengthens software development and digital infrastructure capabilities.	AIDS
31	MERN Technology	Pramial Vibhute, Software Engineer Comtrance Technology Kolhapur	SDG 9: Industry, Innovation and Infrastructure	Supports modern web application development ecosystems.	CSE
32	Emerging Technologies in IT Sector	Mr.Prajyot Patil Technology Educator, PHN Technology Pvt.Ltd, Pune	SDG 9: Industry, Innovation and Infrastructure	Encourages adoption of advanced digital technologies.	CSE
32	Intelligent Things:The Convergence of IoT, AI,and Robotics	Nirmala Khumbhar Trainer, PHN Technology Pvt.Ltd., Pune	SDG 9: Industry, Innovation and Infrastructure	Drives smart systems and connected industrial innovation.	CSE
33	Roadmap to GATE Excellence: Comprehensive preparation guide	Dr.Rameshwari Arun Lokhande, Software Developer, C2LBIZ Ltd, Andheri, Mumbai	SDG 4: Quality Education	Guides structured academic and competitive exam preparation.	CSE
34	AI Industrial Automation	Anushka Vinit Benadikar, Center Head of PMS RoTics,Kolhapur	SDG 9: Industry, Innovation and Infrastructure	Improves industrial productivity through AI-based automation.	CSE
35	The future of web Technology: Trends, Tools, and Innovation	Mr.Sachin A.Patil, Sr.Software Developer, MindTree, Pune	SDG 9: Industry, Innovation and Infrastructure	Encourages innovation in digital platforms and web ecosystems.	CSE
36	Data Analytics and Visualization using QLIK sence	Mr.Omkar Prakash Kokare. Qliksease administrator Senior Software Engineer, Capgemini India Pvt Ltd Pune	SDG 9: Industry, Innovation and Infrastructure	Promotes advanced business intelligence and data-driven solutions.	CSE
37	Industrial Trends of Automation	Mr. Pralhad G. Dhumal, General Manager, FOX Solutions Pvt. Ltd, Nashik	SDG 9: Industry, Innovation and Infrastructure	Supports modernization of industrial production systems.	ME

38	Numerical Analysis for Advanced Design Engineering: Methods, Applications, and Future Directions	Dr. Aniket Chandrakant Patil, Assistant Professor, Department of Mechanical Engineering, Walchand College of Engineering, Sangli.	SDG 9: Industry, Innovation and Infrastructure	Enhances computational methods for engineering innovation.	ME
40	Additive Manufacturing- Application and Career Opportunities	Mr. Dhananjay Shantaram Sankpal, Manager, Supply Chain Ruhrpumpen, Chennai	SDG 9: Industry, Innovation and Infrastructure	Promotes advanced manufacturing and industrial innovation.	ME
41	Affordable Energy for all : Startup Approaches to solar accessibility	Mr. Chetan More, Owner of Shrisun Solar solution, Ichalkaranji	SDG 7: Affordable and Clean Energy	Expands access to clean and affordable solar energy solutions.	BSH
42	Unlock Pathways, Unleash Possibilities - India & Abroad!	Mr. Dhaval Bagawade , Founder of Info Grow Institute, Kolhapur	SDG 4: Quality Education	Encourages global academic and career mobility.	BSH
43	Addiction and Mental health: Engineering Approaches to Support Well being	Dr. Ajinkya Godase, Psychotherapist, Samatol Psychotherapy and counseling center, Pune	SDG 3: Good Health and Well-Being	Promotes mental health awareness and technological health support systems.	BSH
44	Emerging Career opportunities in software engineering	Mr. Nilesh Bavadhankar, Director of LogiBit Technologies Pvt. Ltd, Sangli	SDG 8: Decent Work and Economic Growth	Expands employment prospects in digital industries.	BSH
45	Role of Engineers in Nation building	Mr. Vikramsinh Magar, Founder of Bhagwat foundation, Akluj	SDG 9: Industry, Innovation and Infrastructure	Strengthens infrastructure and sustainable national development.	BSH

**Guest Lecture Committee  
Head**