



**MÜHENDİSLİK FAKÜLTESİ
MAKİNA MÜHENDİSLİĞİ BÖLÜMÜ**

**2023-2024 EĞİTİM-ÖĞRETİM YILI
GÜZ YARIYILI
GERÇEKLEŞTİRİLEN
ETKİNLİKLER ALBÜMÜ**

MÜHENDİSLİK FAKÜLTESİ
MAKİNA MÜHENDİSLİĞİ BÖLÜMÜ/
MAKİNA TOPLULUĞU
ETKİNLİKLERİ-1



PROJE YÖNETİMİ



Prof. Dr. Gökhan KÜÇÜKTÜRK

Makina Müh. Bölüm Bşk. Yrd.
Moderatör



Sadık NAZİK

MSc, MBA, PMP®, PSM®
CPM Group Proje ve Ürün
Yönetimi
Konuşmacı

15 TEMMUZ ŞEHİT MUSTAFA AVCU AKADEMİ SALONU

13 Ekim 2023

Saat: 16.00





**MÜHENDİSLİK FAKÜLTESİ
MAKİNA MÜHENDİSLİĞİ BÖLÜMÜ/
MAKİNA TOPLULUĞU
ETKİNLİKLERİ**



**KONUŞMACI:
ÇİĞDEM SEZER
MENTOR/KOÇ/EĞİTMEN/YAZAR**



**MODERATÖR:
PROF. DR. OĞUZ TURGUT**

**“GELECEĞİ BUGÜNDEN ŞEKİLLENDİR:
İNOVASYON VE GİRİŞİMCİLİK”**

**3 KASIM 2023 CUMA
SAAT: 20.00**

Zoom Linki: <http://mmo.kim/lf54>

Çiğdem Sezer ekranını görüntülüyorsunuz

Seçenekleri Görüntüle

Çiğdem Sezer ekranını görüntülüyorsunuz

Seçenekleri Görüntüle

Giriş yapın

Görüntüle

Makina Mühend...

Makina Mühendisleri Odas...

Nazife Nur Cengiz

Nazife Nur Cengiz



OGUZ TURGUT



Çiğdem Sezer

YILMAZ YILDIRIM

YILMAZ YILDIRIM

Yslam Durdyev

Yslam Durdyev

Yavuz Selim TEK...

Yavuz Selim TEKEŞ

Hasan Eren

Hasan Eren

Mehmet Akif Ak...

Mehmet Akif Aksoy

Oğuzhan Yazgı

Oğuzhan Yazgı

Erkan Şahin

Erkan Şahin

Mert Kaan Günay

Mert Kaan Günay

Enes Erdoğan

Enes Erdoğan

Enes Adem Saraç

Enes Adem Saraç

Ali Çiftci

Ali Çiftci

Enes ALTUN

Enes ALTUN

Mert Yılmaz

Mert Yılmaz

Başarıhan Serin

Başarıhan Serin

Mustafa Ögüç

Mustafa Ögüç

Melisa Yılmaz

Melisa Yılmaz

Edanur ÇAKIR

Edanur ÇAKIR

Mehmet Emin T...

Mehmet Emin Temiz

Oğulcan ÇINAR

Oğulcan ÇINAR

Yağız Taşkın

Yağız Taşkın

Egehan Acar

Egehan Acar



Sesi aç



Videoyu Başlat



Katılımcılar



Sohbet



Ekranı paylaş



Kaydet



Reaksiyonlar



Uygulamalar

Ayrıl



International Lecture Series on Advanced Manufacturing

Every Friday 02:00 - 03:00 PM

(GMT)

Gazi University,
Ankara



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Department of Mechanical Engineering



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Prof. Dr. Rahmi ÜNAL

Dean Engineering



CO-PATRON

Prof. Dr. Oguz TURGUT

Department Chair



ORGANIZER

Prof. Dr. Cakirhan KÜÇÜKTÜRK

Vice Chair



ORGANIZER

Asso. Prof. Dr. Hacer Bekir ÖZERKAN

Vice Chair



ORGANIZER

Prof. Dr. Sachin Salunkhe

Professor

Implement your recently acquired knowledge using cutting-edge industry tools and techniques. Obtain knowledge from academic and industry leaders and a credential that leading employers highly regard



Dr. Mahesh Shewale

M&S ASML, Pvt., Ltd. Wilson CT,
United States of America



Prof. Ragavanantham
Shanmugam

Fairmont State University, Fairmont,
United States of America



Dr. Dong-Hwan Park

Cyeongbuk Hybrid Technology
Institute, South Korea



Dr. H M A Hussein

Helwan University, Cairo,
Egypt



SCAN FOR
MORE INFO



DATE

03,10,17,24
November
2023

HOUR

02:00 PM
03:00 PM

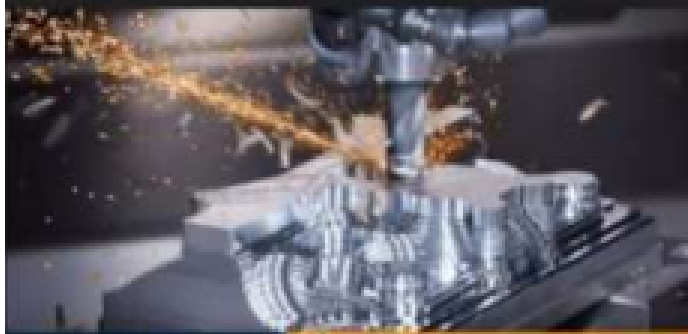
PLACE

15 TEMMUZ ŞEHİT
MUSTAFA AVCU
ACADEMY HALL

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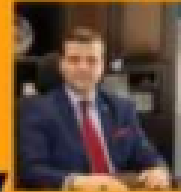
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WELCOME



Dr. Mahesh Shewale

**His ASML, US LP, Wilson CT,
United States of America**

Dr. Mahesh Shewale is a leading expert in the field of Mechatronics and Control Systems. His work is well recognized both in industry and academia. He completed his undergrad and masters from University of Pune, India and secured a doctorate degree from Purdue University, USA. Dr. Shewale is among the very top outstanding engineers whose innovative contributions directly led to the advancement in his field, and will continue to produce a long-term positive impact on the semiconductor industry. He is a versatile expert in the field of automotive control, machine health monitoring, diesel combustion, mechatronics and model predictive control and has led multiple multidisciplinary projects. Currently, Dr. Shewale is working as Senior Mechatronics Design Engineer at ASML US LP conducting cutting-edge research work on a resolving a critical issues that would significantly reduce the downtime in field lithography machines and avoid major financial losses in the semiconductor manufacturing industry. His original research and development work regarding high precision positioning systems has greatly improved the dynamic performance of lithography systems and propelled the technical advancement of the micro positioning of various components inside.



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DATE

**03
November
2023**

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**02:00 PM
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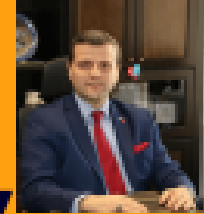
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Prof. Dr. Musa YILDIZ

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WELCOME



**Prof. Ragavanantham
Shanmugam**

**Fairmont State University, Fairmont,
United States of America**

Dr. Ragavanantham Shanmugam is the Chair and Associate Professor in the Department of Engineering Technology at Fairmont State University, West Virginia, USA. He has 23+ years of teaching, research and administrative experience in Mechanical/Manufacturing Engineering Education. So far, he has published 40+ research articles in peer-reviewed international Journals and authored chapters in 3 books in Advanced Manufacturing. Currently, he is involved in 12 projects as Principal Investigator and Co-Principal Investigator, and NASA is funding these projects, NSF, Do and DoE in the United States. The total value of the projects is approximately 10 million USD. He has served as a Board of study member, Curriculum and syllabus committee member and External PhD Supervisor for Hindustan University, Vel Tech University and Bharath University, India. He has given keynote speeches at many of the international conferences in Industry 4.0. He is also a selection committee member for NSF grants and SME merit Scholarships in the USA. He has given more than 50 guest lectures at various international universities in topics in design and manufacturing. He has also trained Engineering faculty through several training programs at the National level. He was awarded as BEST Innovative Teacher by Bentham Science in the year 2021. Recently, he has been awarded the title "Diversity Business Leader - New Mexico, 2022 in Higher Education" for fostering Diversity, Equity and Inclusion among Native American Students in his workplace. He also got selected for listing in Marquis's "Who's who in America", for the year 2023.



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DATE

**10
November
2023**

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**02:00 PM
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WELCOME

**Applications of Artificial
Intelligence in Manufacturing**



**Prof. Dr. Sachin
Salunkhe**

Gazi University, Ankara, Turkey

Dr. Salunkhe Sachin holds the esteemed position of professor within the Mechanical Engineering Department at Gazi University in Ankara, Turkey. He obtained a Bachelor's in Mechanical Engineering from Dr Babasaheb Ambedkar Marathwada University in Aurangabad, India. He obtained his Master of Technology in CAD/CAM and PhD from S.V. National Institute of Technology, Surat, India. His research focuses on the realm of press tool design, metal additive manufacturing, artificial intelligence applications in manufacturing, expert systems for die design, sheet metal forming, wear analysis, fatigue analysis, and high strain rate phenomena. Dr. Salunkhe has authored over 120 research papers in highly regarded journals, conferences, and 05 books. He holds the position of editor for esteemed journals, including Metals and Lubricants, MDPI, Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications (SAGE), Frontiers in Materials, and International Journal for Simulation and Multidisciplinary Design Optimization, published by EDP Science. He has completed significant research projects funded by the Government of India and contributed to internationally funded projects valued at over \$600,000. Dr. Sachin is a consultant at M/s TATA Motor and M/s Mugad Fusion, Pvt. Ltd., located in Pune, India. Dr. Sachin is a visiting professor at Navajo Technical University in Crownpoint, New Mexico, United States of America (USA). He holds memberships in the International Association of Engineers (IAENG) and the International Association of Computer Science and Information Technology (IACSIT).



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DATE

**17
November
2023**

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**02:00 PM
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WELCOME

**CAD in Traditional Fixture
Design**



Dr. H M A Hussein

Helwan University, Cairo, Egypt

Dr. Hussein M.A. Hussein is currently serving at the Faculty of Engineering, Mechanical Engineering Department, Helwan University, Cairo, Egypt. He received his Ph.D. in Mechanical (Production) Engineering from Helwan University, Egypt in 2008. He has also served in the tool design department of many companies. His research interests include computer-aided sheet metal die design, AI applications to sheet metal forming, CAD/CAM, AutoCAD application and customization, and CAPP. He has completed many research projects in the area of design and manufacturing sanctioned by various funding agencies. He is a member of the Egyptian Syndicate of Professional Engineers and of the Egyptian Mechanical Engineers Associations.



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DATE

**01
December
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pwd=QkF5T0RfM1Z3NVlrRTQ4WWJaSTZpZz09](https://zoom.us/j/99376523365?pwd=QkF5T0RfM1Z3NVlrRTQ4WWJaSTZpZz09)

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WELCOME



Additive Manufacturing for Fabrication of Continuous Fibre Reinforced Polymer Composites

Dr. Mahesh A. Naik

Luxembourg Institute of Science and Technology, Luxembourg

Dr. Mahesh Anil Naik is currently working as a researcher in Material Research & Technology Unit of Luxembourg Institute of Science & Technology, Luxembourg. He has completed a B.E in Mechanical Engineering from Sanjivani College of Engineering, Kopergaon, Maharashtra, (2015) and an M.Tech in Manufacturing Engineering from Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat (2017). Later, he worked for one year as an Assistant Professor in the Mechanical Engineering Department at Sandip Institute of Management and Technology, Nashik. He has also worked as a Senior Researcher in DIAT-DRDO, Pune, on a "Ballistic Impact of Additively Manufactured AlSi10Mg alloy" project. His Ph.D. research area was Experimental and Numerical Investigation of Additively Manufactured Polymer Composite Materials for Aerospace Applications". His research area of interest is Additive Manufacturing, Optimization of process parameters, Mechanical and Material Characterization of fiber-reinforced polymer composite and biocomposites, Topology Optimization and Finite Element Analysis. He has published good-quality research papers in peer-reviewed International Journals of repute and presented more than 18 research papers at the National International Conferences. He has two book chapters in his name and has written a few research proposals that various research boards have funded. He has been awarded the International Travel Grant by DST-SERB, Govt. of India, to attend the conference in Portugal, an International Travel Grant by CSIR-HRDG, Govt. of India to attend the conference in Singapore and an International Travel Grant by DIAT-DRDO, Pune, to attend the conference in Spain.



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[pwd=QkF5T0RfM1Z3NVlrRTQ4WWJaSTZpZz09](https://zoom.us/j/99376523365?pwd=QkF5T0RfM1Z3NVlrRTQ4WWJaSTZpZz09)

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WELCOME

Use of Sustainable Practices in Cement Production Industry



Dr. Vishal Naranje

Amity University, Dubai,
United Arab Emirates

Dr. Vishal Naranje holds a Ph.D. in Mechanical Engineering from S.V. National Institute of Technology, India. He also earned a Master's in Industrial Engineering and Management from the Indian Institute of Technology, Dhanbad, and a Bachelor's in Production Engineering from Nagpur University. In his career, Dr. Naranje has held various roles, currently serving as an Associate Professor and Programme Leader in Mechanical Engineering at Amity University, Dubai, since July 2018. He has previously contributed to institutions such as Birla Institute of Science & Technology, Dubai, Pune University, Sinhgad College of Engineering, and Jawaharlal Nehru Engineering College, India. His research interests cover a wide spectrum, including Knowledge-Based Systems/Expert Systems for Manufacturing Applications, Additive Manufacturing, Sustainability, Digital Manufacturing, and Robotics. Dr. Naranje boasts a strong publication record, with over 75 works featured in respected journals, conferences, and book chapters.



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2023

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