

**One Week Multi-Disciplinary online
FDP
on**

**“Product Development and Industrial
Research (PDIR) - 2020”**

(06th to 10th July 2020)

Under TEQIP-III

Organized by:

R & D, Department of Mechanical Engineering,
in Association with “ANKUR-AICF”

REGISTRATION FORM

<https://forms.gle/vrVAMe4qhgXmYVDZ9>

ELIGIBILITY & REGISTRATION

All Faculty, Research Scholars, Students (UG/PG) are eligible for the workshop. Confirmation of eligible candidates will be on FIRST-COME-FIRST-SERVE basis up to a maximum intake capacity. The complete registration form should be received to the coordinator till 5th July 2020.

DATE & VENUE

Workshop will be held during **6th to 10th July 2020** at on **CISCO WebEx, / Microsoft Teams & schedule will be shared separately by email.**

- ❖ **Registration is free of cost**
- ❖ **Limited Entries**
- ❖ **Participants will receive e-Certificate after attending workshop**

PATRONS

Dr. Abhay Wagh

Director,

Directorate of Technical Education Maharashtra
State, Mumbai

Prof. Mahesh Shivankar

Joint Director, Technical Education Regional Office,
Aurangabad

Dr. P. B. Murnal

Principal, Govt. College of Engineering,
Aurangabad

Dr. S. S. Mohite

Advisor “ANKUR” & TEQIP-III Coordinator

Dr. S.B. Chikalthankar

Chairman & Dean R&D, GECA

Dr. R. S. Dalu

Head MED, GECA

CONVENER

Dr. S.B. Chikalthankar

Prof Saili Kulkarni

ORGANIZING TEAM

Dr. R.N.Ladhwe

Dr .A.M.Nikalje

Dr .S.A.Patil

Prof. K.R.Madavi

Prof. M.S.Harne

Prof .A.N.Shinde

Dr. U.V.Hambire

Prof. S.D.Ambekar

Dr. Y.U.Sathe

Prof .M.G.Rathi

**One Week Multi-Disciplinary online FDP
on**

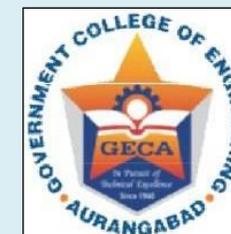
**“Product Development and Industrial
Research (PDIR)- 2020”
Under TEQIP-III, GECA**

(06th to 10th July 2020)

Government College of Engineering,

Aurangabad, Maharashtra

(An Autonomous Institute of Government of Maharashtra)



“In Pursuit of Technical Excellence”

**under
TEQIP-III, GECA**

Organized by:

**R & D, Department of Mechanical
Engineering, in Association with
“ANKUR-AICF”**

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Aurangabad, Maharashtra 431005**

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About Government College of Engineering, Aurangabad:

Government College of Engineering Aurangabad (GECA) is one of the renowned Autonomous Engineering Institutions in India. Situated in Aurangabad city in Maharashtra state, GECA is home to some of the brightest young minds of the country engaged in a wide array of disciplines. With a vibrant and robust student body, GECA has been the launch pad for people with great ideas that have grown to be very successful ventures.

About online FDP PDIR-2020:

In today's global marketplace, Indian manufacturers' ability to compete with firms around the world increasingly depends on their capability to generate viable product ideas and translate them into commercial success. Product Development and Industrial Research (PD&IR) is essential to drive commercialization and growth in the Indian manufacturing sector.

To capitalize on current and future market opportunities, Indian manufacturers are rethinking their Product Development and Industrial Research (PD&IR) strategies. While keeping core (PD&IR) activities internal, many manufacturers are coordinating other business activities with supply chain partners, universities, and centers of excellence and forming strategic alliances and joint ventures. Manufacturers are being driven to implement open innovation by evolving customer requirements and increasing global competition; sharing knowledge and capacity enables manufacturers to commercialize quickly and reduce their product development risk.

The objective of this Multi-Disciplinary workshop is to co-ordinate all discipline Faculties, Research Scholars, Students with Industry Founders, Industry Experts, R & D Experts. The industries involving and implementing new technologies of "Product Development", Academic partners will be acquainted with

- ❖ **New Approaches in R & D**
- ❖ **Avenues for Engineers at global level Global Technology and Innovation**
- ❖ **Research and Development activities at R & D Centers,**
- ❖ **Use for Diverse Technology for service Industry**
- ❖ **Leading innovators ideas,**
- ❖ **Analytical Tools and Characterization Techniques,**
- ❖ **Digital Tool Through Product Development Process and Production ramp-up**
- ❖ **Immerging Concepts in New Product and Software Development**

Eminent Speakers:



Mr. Anand Mahurkar
Founder and CEO, Findability Sciences,
Boston, Massachusetts, USA

Findability sciences is global big data cognitive and AI product company, it is Softbank group company and findability sciences have formed a joint venture in Japan with Softbank. IBM Watson Ecosystem partner Advisory Board, Big Data Magazine recognized *Anand* as “*Big Data Hero*”

Session: Global Technology, Global Business Management and Innovation



Mr. Ajay Deshkar
CEO, 3D Engineering Automation LLP
3D Engineering Automation, a solution provider in Design, Simulation, Manufacturing, Operation and 3D printing domain

Session: “Digital Tool Through Product Development Process and Production Ramp Up”



Mr. Ganesh Garkhedkar
General Manager (R & D) Varroc Polymers Pvt. Ltd, AURANGABAD

Experience in Plastics Product development, R&D center green field project, and problem solving through analytical, structure property relationship and microscopy techniques.

Session: Research and Development activities at R & D Canters, and analytical Tools



Mr. Surendra Vaidya
Director, The Digital Wisdom
Business Analytics | IT Strategy |
Enterprise Architecture

The Digital Wisdom (TDW) is a unique kind of consulting & training service. This Service (TDW) can help to grow business fast and smartly. Provide this service in various sectors such as Healthcare & Pharmaceuticals, Manufacturing,

Session: “Engineering Concepts in New Product and Software Development”



Mr. Vinay Kumar
Director: INDIAFIRST ROBOTICS
INNOVATION & RESEARCH LLP

Indias first Robotics Innovation is Designed and developed India's first ever modular robots useful for Science, Technology and Engineering.

Session: How India can be a "Robotic Hub"



Mr. Purushottam Kumar
SCIENTIST, DSIR MoS&T, GOI, DELHI.

He is a part of Department of Scientific and Industrial Research (DSIR), as a Scientist. DSIR is one of the three Departments of Ministry of Science and Technology (MoS&T) who mainly deals with Industrial Innovations and CSIR labs. Presently he is taking care of In-house R&D innovation Scheme of DSIR.

Session: Role of DSIR to promote R & D



Dr. S.B. Chikalthankar
Dean R & D and Associate Professor MED
GECA Aurangabad

Working as Associate Professor (MED) - Government College of Engineering Aurangabad, Presently functioning as DEAN (R&D) in Institute.

Session "Product Design for Environment"



Mr. Santosh Korde.
Aurangabad Electricals Limited
Aurangabad

Session: Product design and Process Optimization for Aluminium Castings.



Mr. Sohail Khan.
Aurangabad Electricals Limited
Aurangabad

Session: Product design and Process Optimization for Aluminium Castings.