



AICTE Training and Learning (ATAL)
Sponsored
Five Days Online Faculty Development
Program
on

ADVANCED MATERIALS IN MODERN MANUFACTURING AND SUSTAINABILITY

From
08-12 February, 2021

Chairman / Chief Convener
Dr. S.S. Hebbal
Principal, PDACEK

Convener
Prof. Avinash Sambrani
Head I&P Dept.

Program Coordinator
Dr. Prashant G Kamble

Co-coordinator
Dr. Harishchandra V Astagi

Organised by
**Department of Industrial & Production
Engineering**

Hyderabad Karnataka Education Society's
**Poojya Doddappa Appa
College of Engineering**
(Autonomous Institution Affiliated to VTU, Belagavi)
Aiwan-E-Shahi Area - Kalaburagi – 585102

Website: www.pdaengg.com

Resource Persons

Faculty from IISc, IIT, NIT, and other
reputed institutions and Resource persons
from industries

Organizing Chair

Dr. S. S. Hebbal

Principal, PDACEK

Advisory Committee

Dr. B. A. Rudrawadi

Administrative officer, HKE Society

Dr. S. S. Kalashetty

Vice Principal, PDACEK

Dr. Siddarama R. patil

Dean Academics, PDACEK

Dr. Sharan Padshetty

Coordinator, TEQIP Phase -III

Program Convener

Prof. Avinash Sambrani

HOD, I&PE Dept

Program Coordinator

Dr. Prashant G Kamble

Professor, I&PE Dept

Program Co-coordinator

Dr. Harishchandra V Astagi

Asst. Professor, Mech Dept

Organizing Committee

Dr. Devsudhakar Patil Asso. Professor, IPE

Dr. Sachhidanand Reur Professor, IPE

Dr.M.S.Uppin, Professor, IPE

Dr. S.M.Qutubuddin, Asso. Professor, IPE

Prof. Ramesh Patil, Asso. Professor, IPE

Technical Supporting Committee

Mr. Padmaraj Nandya, Foreman, IPE

Mr. Veerendra Swamy, Instructor IPE

Mr. Santhosh Hiremath, Instructor IPE

Mr. Ambresh Patil, Instructor IPE

Mr. Channabassappa C, Instructor IPE

Mr. Namdev Dudyal, Mechanic IPE

Supporting Staff

Mr. Basawraj Belamgi

Mr. Raghu Ghali

Mrs. Mangala

Mr. Prithviraj

Chief Patron

President

Dr.Bhimashankar C.Bilgundi

Patrons

Vice-President

Dr. Shivanand S.Devarmani

Secretary

Shri. Nithin B. Jawali

Jt. Secretary

Shri. Gangadhar D. Yeli

Governing Council Members

Dr. Basavaraj G. Patil

Dr. Sampat Kumar D. Loya

Shri. Vijaykumar J. Deshmukh

Shri. Arunkumar M. Patil

Shri. Udaykumar S. Chincholi

Dr. Nagendra S. Manthale

Smt. Anuradha M. Desai

Shri. Anilkumar S. Margol

Dr. Sharanabasavappa B. Kamreddy

Shri. Satishchandra C. Hadagalimath

Dr. Shivaputrappa R Harwal

Prof. Sanjay Makal

Guidelines

*No Registration Fee.

Participation in this FDP is open to the Faculty / Research / PG Scholars from Universities / AICTE Recognized Institutions.

* Eligible Participants will be selected based on First Come First Serve basis.

*With help of your Desktop / Laptop / Tablet / Smart Phone with Internet Connectivity, you can attend the FDP from anywhere.

*E-certificate will be issued to those Participants who have attended the Program with minimum 80% Attendance and scored minimum 60% Marks in the Online Test which will be conducted at end of the Programme.

Topics to be covered

1. Manufacturing and characterization of advanced materials
2. Production of composites and their physical/chemical/thermal/electrical behavior.
3. Synthesis of smart materials and their characterization.
4. Production of Nano composites/Nano materials, and their applications
5. Advanced materials and product design
6. Recent developments in manufacturing methods of advanced materials.
7. Recent developments in production of composite materials
8. Role of composites in advanced manufacturing.
9. Tribology of advanced materials
10. Affect of production parameters on mechanical characteristics of advanced materials.

About college

The Hyderabad Karnataka Education (HKE) society founded by Late Shri Mahadevappa Rampure, a great visionary and educationist. The HKE Society runs 46 educational institutions. Poojya Doddappa Appa College of Engineering, Gulbarga is the first institution established by the society in 1958. The college is celebrating its golden jubilee year, setting new standards in the field of education and achieving greater heights. This institute has NBA accreditation for five departments (ISC, IPE, CCT, IT and Automobile Engg departments). The National Board of Accreditation, New Delhi, has accredited the College in the year 2005-08 for 09 UG Courses out of which 08 courses are accredited for three years and 01 course is accredited for five years. And second time accredited for Six Course in the year 2009-2012. Again, now, Information Science and Engg, Industrial and Production Engineering and Automobile Engineering departments are Accredited for three years from academic years, 2018-19 to 2020-21.

About the Industrial & Production Engineering Department

The Department of I & PE was established in the year 1981. The department is **Accredited by** NBA for 3 years (2018-2021). The Department has qualified and experienced faculty and staff. The courses offered have the right mix of Production and Industrial Engineering subjects. . Department is having CAD/CAM centre with CNC lathe, ROBOKIT, CAD solid works, solid edge, Catia, Fusion360 and statistical software. Department is having fully equipped Human Factors & ergonomics

and Project & Research laboratories. Department is having audio visual centre. Apart from this, department is having 3 kW solar backup and also conducting solar power feasibility study. Department is having industry supported labs also. In addition to imparting technical and ethical knowledge to students, students are encouraged to conduct surveys, case studies to identify the community and industrial problems and to find the solutions. The Department is also having its own library with sufficient volumes and titles.

About the Program

Faculty Development Programs (FDPs) are especially important in adapting faculty members to their changing roles in initiating and setting the directions for curricular changes. The major focus of the FDP is on upgrading the teaching, training, and research skills of faculty members. This faculty development training program is intended to provide opportunity for teaching faculties employed in various colleges Technical Universities for teaching and upgrading their knowledge in the areas of Manufacturing of Composite Materials, Advanced materials and their application in manufacturing sector.

REGISTRATION

All the Participants are requested to Register for this FDP through Online by using the following link:

<https://www.aicte-india.org/atal>

Registration for all the Participants is mandatory.

IMPORTANT DATES

Last Date of Registration: **06th February, 2021.**