

## ABOUT THE INSTITUTE

Government Engineering College, Gandhinagar since its inception in 2004 is a front runner into academics. GEC-Gn offers its students a wide range of courses to choose. This helps them to become multi-skilled personalities who can handle the challenges that industry and society will pose before them as future engineers. Moreover it is a leading institute in terms of research, social initiatives and services. GEC, Gandhinagar has a very good industrial tie-up and consistent placement record. GEC-Gandhinagar is an active participant in various government schemes and projects like TEQIP, RUSA, SSIP, Digital India Campaign, etc.

## ABOUT THE DEPARTMENT

The Metallurgy Department since its inception in 2008 is a backbone of GEC-Gandhinagar's events, research activities and initiatives. It is a unique department in Gujarat under government umbrella. Faculty members are good blend of industrial/ academic research experienced, studied from national and state reputed institutes. Department has developed COQ (Center for Quality) NDT along with various equipped metallurgical laboratories. Students are encouraged and supported to actively participate in various curricular and non-curricular activities at different level.

## ORGANIZING COMMITTEE

### Patron

Prof. (Dr.) Sweta P. Dave  
Principal, GEC-Gandhinagar

&

Mr. H. U. Kalyani  
Chairman, GSC, IEI

### Convener

Dr. I. B. Dave  
Professor & Head, Metallurgy Department  
GEC-Gandhinagar

### Organizing Partner

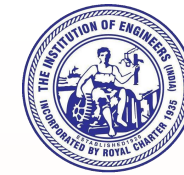
Dr. Vishvesh J. Badheka,  
Chairman, IIW-PDPU Student Chapter  
Professor & Head, Mechanical Department  
School of Technology, Pandit Deendayal  
Petroleum University, Gandhinagar  
Email to : [drvishvesh@gmail.com](mailto:drvishvesh@gmail.com)  
Contact : 98240 25256

### Coordinators

Prof. DaulatKumar G. Sharma (9904535914)  
Dr. Purvesh K. Nanavati (9879332449)

### Committee Members

Prof. S. I. Patel                      Prof. H. H. Jadav  
Dr. D. V. Mahant                    Prof. B. R. Rana  
Prof. H. H. Thakar                   Prof. M. S. Dani

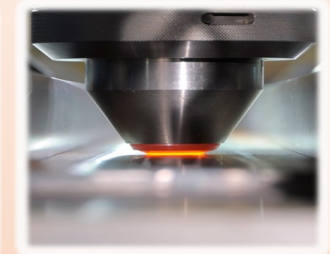
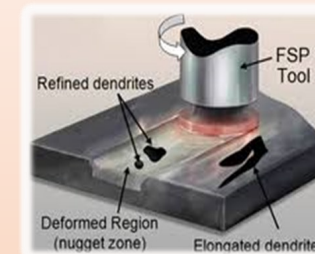


## The Institute of Engineers Gujarat State Centre

Sponsored  
One Day Seminar  
on

ADVANCES IN FRICTION STIR  
PROCESSING

February 15, 2020



Jointly organized by  
Metallurgy Department  
Government Engineering College  
Gandhinagar  
&  
The IIW-PDPU student Chapter

## ABOUT IIW-PDPU CHAPTER

The Indian Institute of Welding (IIW-India) is a national level professional body of welding fraternity devoted to the promotion and advancement of welding science & technology. It was established on 22nd April 1966 with its head office at Kolkata. It has 13 branches all over India.

The IIW Baroda Branch is one of the most active branches under IIW- India. Branch was founded on 29<sup>th</sup> August 1998. IIW Baroda Branch has received IIW India Best Performing Branch Award for the year 2012-13, 2013-14, 2014-15, 2016-17 & 2018-19 consecutively.

IIW-PDPU student Chapter was established on 19<sup>th</sup> January 2018. IIW-PDPU student chapter was inaugurated by Padma Shri, Prof. chaitanyamoy Ganguly, Distinguished Professor, PDPU.

By now IIW-PDPU student chapter conducted various activities including expert lectures by eminent scientists from BARC & DRDO, Senior welding professional from industries like L & T, InoxCVA, Kempfi, and Fronius India. Chapter also conducted skill development workshop in the area of welding, machining and NDT.

PDPU has well established Welding Research Lab, consist of advanced welding setups like FSW & Processing, UW, RSW, A-TIG and many more. Welding research lab developed with support of internal and external funding from DST, ISRO, DAE & DRDO.

## OBJECTIVE OF PROGRAM

This Seminar is intended to deliver knowledge about recent advances in Friction stir processing technique through domain experts.

## OUTLINE OF CONTENT

- ◆ Friction Stir Processing and its applications
- ◆ Advances in Friction Stir Processing of Al and their alloys
- ◆ Advances in Friction Stir Processing of Mg and their alloys

## RESOURCE PERSONS

The series of lectures will be delivered by eminent speakers from premier institutes of Gujarat.

## WHO CAN APPLY?

Degree & diploma students and PG/Research scholars of discipline Mechanical, Metallurgy, Production, Automobile and allied fields can apply .

## COURSE REGISTRATION FEES

**Registration fee Rs. 150/- includes certificate, soft copy of materials, lunch and high tea.**

**Last date of Registration: 10/02/2020**

**For Further Details  
[metallurgyevents@gecg28.ac.in](mailto:metallurgyevents@gecg28.ac.in)**



## GOVERNMENT ENGINEERING COLLEGE SECTOR 28, GANDHINAGAR

### VISION

To be a premier engineering institution, imparting quality education for innovative solutions relevant to society and environment.

### METALLURGY DEPARTMENT

### VISION

Developing excellence in Metallurgy Engineering education through research, development innovation and team work for the benefit of society and environment.

### MISSION

- ◆ To prepare competent metallurgy engineers who can apply metallurgical fundamentals to control and manage different metallurgical and materials processing operations to produce quality metals products in industries.
- ◆ To deliver information about current trends in the field of metallurgy and materials to the students.
- ◆ To encourage students to work on innovative projects related to metallurgy engineering for managing defects free, economical, energy efficient products, processes or devices to best serve the nation to fulfil the socio-economic, techno-commercial and environmental needs.