

ORGANIZING COMMITTEE

PATRON

Sri. P. Ashok Gajapathi Raju,
Chairman, MANSAS
Ms. P. Aditi Gajapathi Raju,
Member, Trust Board

PRESIDENT

Dr. K.V.L. Raju, *Principal, MVGR (A)*

ADVISORY BODY

Dr. D.R.K Raju, *Correspondent, MANSAS*
Dr. Y.M.C Sekhar, *Vice-Principal (Academics)*

CONVENER

Dr. Ch.V.Subba Rao, *Prof. & HOD, Chemical*

COORDINATOR

Dr. S.V.A.R.Sastry, *Assoc. Professor, Chemical*

ORGANIZING COMMITTEE MEMBERS

Dr. D. Krishna, *Assoc. Professor*
Dr. N. Annapurna Devi, *Assoc. Professor*
Dr. B. Sarva Rao, *Assoc. Professor*
Dr. G.V.S.K. Reddy, *Assoc. Professor*
Sri B. V. Ramanaihah, *Sr. Asst. Professor*
Sri. G. Ravi Kishor, *Asst. Professor*
Sri. G. Santhosh Kumar, *Asst. Professor*
Smt. D. V. Padma, *Asst. Professor*
Smt. R. Hema Latha, *Asst. Professor*

CONTACT US

Dr. S.V.A.R. Sastry
Coordinator—FCT 2018
Dept. of Chemical Engineering,
MVGR College of Engineering (A),
Vizianagaram, Andhra Pradesh-535 005.
Phone: 7093423964, 9494825844
Email: mvgrchemfet2018@gmail.com

WHO SHOULD ATTEND?

- Industrialists, Scientists from the R&D laboratories of the government with a research focus on fuel cells, fuel processing and reforming.
- Faculty Members, Research Scholars and M.Tech/ M.Phil Students of Chemistry, Physics, Chemical, Electrical and Mechanical Engg. disciplines.

REGISTRATION FEES

- Industry/ Research Organizations: **Rs. 1000** /-
- Faculty Members: **Rs. 500** /-
- Research Scholars & PG Students: **Rs. 300** /-
- Last date for **submission** of Reg. forms: **15.09.2018**

HOW TO APPLY?

Option-1*: Send the scanned copy of the duly filled Registration form (along with the Signature & Seal of sponsoring Authority) to the following e-mail:

mvgrchemfet2018@gmail.com

Option-2*: Send the hard copy of duly filled Registration form (along with Demand Draft *in favour of* “Principal, MVGR College of Engineering” payable at Vizianagaram) to the below address:

Dr. S.V.A.R. Sastry, Coordinator—FCT 2018,
Department of Chemical Engineering,
MVGR College of Engineering (A),
Chintalavalasa, Vizianagaram-535 005.

**The participants selecting Option-1 can pay the registration fees on 29th September, 2018 at the Workshop Venue.*

The Registration Form is provided in the Brochure and can also be downloaded from the College website:
www.mvgrce.com

Queries (if any) can be asked through e-mail.



One Day National Workshop

ON

Fuel Cell Technology Opportunities & Challenges 29th September, 2018

FUEL
CELL
TECH
ENERGY

Organized by

Department of Chemical Engineering
MVGR College of Engineering (A)
Vizianagaram, Andhra Pradesh-535005
www.mvgrce.com



ABOUT THE COLLEGE

Maharaj Vijayaram Gajapathi Raj College of Engineering was established in the year 1997 under the aegis of "MANSAS" educational trust, founded by the Raja Saheb of Vizianagaram, Dr. PVG Raju in 1958. The college is located at Vijayaram Nagar campus, Chintalavalasa, Vizianagaram, Andhra Pradesh. The college offers 7 B.Tech. programmes namely Chemical, Civil, CSE, ECE, EEE, IT and Mechanical & 7 P.G. programmes. It is accredited with "A" grade by NAAC and also conferred Autonomous Status by UGC. In addition to curricular programs, the institute constantly strives to update its faculty and students by conducting Workshops, Conferences, Seminars and Guest lectures in the emerging fields.

ABOUT THE DEPARTMENT

The Department of Chemical Engineering was established in the year 1997, with the objective of imparting quality education in the field of Chemical Engineering with rapidly evolving technology and the continuous need for innovation. The Department is recognized as 'RESEARCH CENTRE' by JNTU Kakinada and has also received '5 YEARS' accreditation from NBA. The Department has state of the art infrastructure & well-equipped laboratories. 11 well qualified strong faculty members (graduated from reputed institutions like IIT's and NIT's) with a blend of industry, R&D and teaching experience with varied specializations offer Teaching-Learning services. Among them, there are 6 Doctorates and 3 are currently pursuing their doctoral research. The faculty of the department have more than 100 quality research publications in journals of international repute.

The Department has certified competency for skill development leading to award of certification in "CHEMICAL PROCESS DESIGN AND SIMULATION" in collaboration with Simtech Simulations, Hyderabad. The Department has developed well in terms of extending access to R&D and consultancy works. The Department has 3 funded projects worth 64 lakhs from DST & UGC. The Department has also received funds from AICTE for the modernization of two of the existing lab facilities.

To bridge the gap between Academia and Industry, the Department organizes Guest Lectures by eminent industrialists, Workshops and National level Student Conferences. The Department also provides facilities to the students to visit different types of process industries in order to reinforce their classroom learning.

ABOUT THE WORKSHOP

Fuel cells are rapidly finding use in energy conversion applications such as automobiles, auxiliary power units, cogeneration and combined heat & power applications. They can also mitigate the effect of global warming by reducing or eliminating CO₂ release in the atmosphere.

Although the concepts of electrochemical energy conversion are relatively simple and well-known, fuel cell systems have continued to evolve in complexity, particularly with respect to the fuel supply and storage systems. This workshop will cover the physical concepts and technology aspects of various types of fuel cells.

OBJECTIVES OF THE WORKSHOP

- ◆ To make participants aware of different types fuel cells and fuel processing systems.
- ◆ To make participants aware of the potential applications and challenges in fuel cells, and the current state of the art.
- ◆ Use case studies to explain the technology.

RESOURCE PERSONS

1. **Dr. AKHILA KUMAR SAHU**
Senior Scientist, Central Electrochemical Research Institute (CECRI-CSIR), Chennai.
2. **Dr. SANTOSH KUMAR D BHAT**
Senior Scientist, Central Electrochemical Research Institute (CECRI-CSIR), Chennai.
3. **Dr. N. RAJALAKSHMI**
Senior Scientist, Centre for Fuel Cell Technology, ARCI-DST, Chennai.
4. **Dr. S. RAMAPRABHU**
Professor, Alternative Energy & Nanotechnology Laboratory, IIT Madras.

One Day National Workshop on Fuel Cell Technology Opportunities & Challenges

29th September, 2018

Registration Form

Name :
Designation :
Department :
Organization :
Address :

Phone No :
Mail -ID :

Registration Details:

Payment Mode : **Cash / Demand Draft**
(tick one option)
Amount : Bank :
DD No : Date :

Signature of the Participant

Certified that Mr./Ms./Mrs. _____ is a student/faculty/employee of our institution/industry and is hereby sponsored to attend one day workshop on "Fuel Cell Technology—Opportunities & Challenges" at MVGR College of Engineering (A), Vizianagaram, A.P on 29th September 2018.

Place : Date :

Signature of sponsoring Authority with seal

Convener

Dr. Ch.V. Subba Rao
Professor & HOD
Chemical Engineering, MVGR (A)

Coordinator

Dr. S.V.A.R. Sastry
Associate Professor,
Chemical Engineering, MVGR (A)