



NAME: JITENDRA B CHAUDHARI

DESIGNATION: ASSISTANT PROFESSOR

EXPERIENCE:
11 Years

QUALIFICATION:
M.Tech, Ph.D Pursuing

ABOUT FACULTY:

Has received B.E. Degree in Mechanical Engineering from Saradar Patel University, V.V.Nagar- Anand, Gujarat, obtained M.Tech. degree from S.V.N.I.T., Surat and pursuing Ph.D. at S.V.N.I.T., Surat, India. His research area is gas turbine combustion chamber. He has started his career as Production Engineer at Suzlon Energy Ltd and also worked as a Design Engineer in Aircraft Upgrade & Research Center at Hindustan Aeronautics Ltd., Nasik division. Presently he is serving as Assistant Professor in Mechanical Department, FETR, Bardoli, India.

CONTACT INFORMATION

Mobile: 9601564684

Office Phone:

Cabin No.: D-05

Email: jbc.fetr@gmail.com

EXPERIENCE

Teaching: 7 years

Industry: 4 years

Membership: The Institute of Engineers (IE),
(Associate Member)

Specialisation: Turbo-machines

Subject Taught: Thermodynamics, Heat Transfer, Thermal Engineering, Gas Dynamics, Power Plant, Refri. & Air Cond, Energy Conservation and Management, Elements of Mechanical Engineering.

Specialization Areas: Heat transfer, Fluid flow, Combustion, Computational Fluid Dynamics

Publications/Presented

International Conference:

Title	Year
J. B. Chaudhari & Dr. S.A. Channiwala, "Numerical Study of Small Scale Combustor with Wall Heat Recirculation", ASIAN CONGRESS ON GAS TURBINES (ACGT 2016) organized by Department of Aerospace Engineering, IIT- Bombay during 14-16 November 2016.	2016
J. B. Chaudhari & Dr. S.A. Channiwala, "Analytical and Numerical Study on Film Evaporation of Ethanol", Proceedings of the 9th Asia-Pacific Conference on Combustion, ASPACC 2013, South Korea.	2013

National Conference:

Title	Year
J. B. Chaudhari & Dr. S.A. Channiwala, “ <i>Analysis of Plug Flow Thermo-chemical Reactor (PFTCR) for Combustion Chamber</i> ”, 24 th National Conference on I.C. Engines and Combustion organised by University of Petroleum and Energy Studies, Dehradun under the Combustion Institute Indian Section (CIIS) during 30 th Oct.-01 Nov. 2015.	2015
J. B. Chaudhari & Dr. S.A. Channiwala, “ <i>Finite Element Analysis of Centrifugal Compressor</i> ”, Thermal, Fluid and Manufacturing Science, TFMS-2014 organized jointly by C. K. Pithawalla College of Engineering and Technology and The Institution of Engineers (India), South Gujarat Local Centre, Surat during 24 th -25 th January, 2014	2014

Workshop Organised:

Title	Year
Two Days Workshop on “Application, Selection and Maintenance of Pumps”, organised jointly by Faculty of Engineering and Technology (FETR), Bardoli and Nodal institute, N. G. Patel Polytechnic, (NGPP), Bardoli during 30 st -31 st January, 2015.	2015
Two Days Workshop on “Steam, Fuels & Combustion and Water Treatment for Boiler”, organised jointly by Faculty of Engineering and Technology (FETR), Bardoli and Nodal institute, N. G. Patel Polytechnic, (NGPP), Bardoli during 23 rd -24 th June, 2014.	2014
Two Days Workshop on “Basic Manufacturing Processes”, organised by Faculty of Engineering and Technology (FETR) during 22 nd – 23 rd September, 2013.	2013

Workshop Attended:

Title	Year
One Day National Workshop on “Implementation of 5-S”, jointly organised by Faculty of Engineering and Technology (FETR), Bardoli and QCFI, Surat on 5 th August, 2016.	2016
One Week STTP on “ <i>Gas Turbine Engine Components: Theory & Design</i> ”, organised by SVNIT, Surat during 23 rd – 27 th March 2015.	2015
“ <i>General Safety and Awareness- Mechanical Safety</i> ”, jointly organised by FETR, bardoli and Industrial Care Alliance Training, Vadodara during 19 th – 23 rd December, 2015.	2015
A State Level Seminar, “ <i>Challenges and Opportunities in Technical Education in the Era of Sustainable Development</i> ”, on 20 th ISTE State Annual Faculty Convention 2015, jointly organised by ISTE Gujarat Section and CGPTI, Uka Tarsadia University, Bardoli on 27 th October, 2015.	2015
Training Programme on “ <i>Efficient Management of Steam, Fuels & Combustion and Water Treatment for Boiler</i> ”, organised by Anchor Institute Cell (Engg & Auto), SVNIT-Surat during 1 st -2 nd February, 2014.	2014
One Day Workshop “Energy Conservation Awareness”, conducted by ARS Energy Auditors Virar, Mumbai, organised by FETR, bardoli on 26 th October, 2013.	2013