



Prasad V Potluri

SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU, VIJAYAWADA
NBA & NAAC Accredited, ISO: 9001-2015 Certified Institution, AICTE Approved
& Permanent Affiliation to JNTUK, Kakinada
(Sponsored by Siddhartha Academy of General & Technical Education, Vijayawada)

DEPARTMENT OF FRESHMAN ENGINEERING
MONTHLY REPORT - DECEMBER 2021

I. FACULTY ACTIVITIES

a) Publications in referred Journals:

(i) Scopus indexed:

1. **M. Prameela** , Dasari Venkata Lakshmi , Jithender Reddy Gurejala, “Influence of Thermal Radiation on MHD Fluid Flow over a Sphere”, Biointerface Research in Applied Chemistry, ISSN: 2069-5837, Volume 12, Issue 5, 15th October 2022, pp.6978 – 6990, First published: 21.11.2021

(ii) Others:

1. P.Lakshmi Lavanya, B.Karuna, “Familial conflicts in the novels of Nayantara Shagal”, International journal of trends in English language and literature, ISSN: 2582-8487, Volume-1, Issue-3, December 2021, pp.57-70.
2. Sk.Rehena, N.Vineela, R,V,Nagalakshmi, “Emergence of technology in learning online communication classroom through news paper activities”, International journal of trends in English language and literature, ISSN: 2582-8487, Volume.2, Issue.4, December 2021, pp.94-96
3. Sk.Rehena, R,V,Nagalakshmi, N.Vineela, “Projection of self estrangement in manjukapur’s ‘the immigrant’”, International journal of English and studies, ISSN: 2581-8333, Volume.3, Issue.12, December 2021, pp.115-118
4. A.Satya Phani Kumari, A.Bhargav Sai Krishna, “MASTERY-An ideological treasure of thoughts”, International journal of innovative research in technology, ISSN: 2349-6002, Volume.8, Issue.7, December 2021, pp.503-507

(iii) Books / Book chapters published: Nil

b) Participation in FDP/Training/workshops/conferences/seminars/webinar etc

(i) Faculty Development Program attended:

1. Y.Pavani, “Role of green energy for sustainable development”, Deenchhotu ram university of science & technology, ATAL, 29th November 2021 to 3rd December 2021.

Resource Person(s): (i) Dr.Pradeep Chandra, Former advisor, Ministry of new and renewable energy on renewable energy journey, (ii) Col.B.Venkat, Director, RIFD bureau, AICTE

2. T.Pulla Rao, G.Sreedevi, “Nanoelectronics Devices: Materials in applications”, IIT, Ranchi, ATAL, 6th to 10th December 2021.

Resource person(s): (i) Dr.Hardik J Pandya, IISc, Bangalore, (ii) Dr.Deblina Sarkar, MIT, USA.

3. T.Pulla Rao, “An essence of multiphase flow: Challenges and futuristic technology”, SVNIT, Surat, ATAL, 20th to 24th December 2021

Resource Person(s): (i) Prof.Sameer Khandekar, IIT, Kanpur, (ii) Prof.Atul Srivastava, IIT, Mumbai.

(ii) Training Programs attended:

1. A.Satya Phani Kumari, “Mastering self motivation and attitude – Art of living, Phase-1”, Department of Electrical Engineering, AU College of engineering, Andhra University, Vizag, 22nd to 26th November 2021.

Resource Person(s): (i) Prof.K.Hemachandra Reddy, Chairman, APSCHE, (ii) Prof.PVGD Prasad Reddy, VC, Andhra University

(iii) Conferences (International) attended:

1. N.Usha Rani, “Development and validation of liquid chromatography method for the determination of frovatriptan in bulk and pharmaceutical dosage form and its degradation behaviour and its degradation behavior under varied stress conditions”, International conference on Natural and novel pharmaceutical research, School of pharmacy, Arka Jain University, Jharkhand, 18th 20th November 2021

(iv) Conferences (National) attended:

1. G.Sreedevi, “Photodegradation of methyl orange dye by hydrothermally grown CdS nanoparticles”, 65th DAE solid state physics symposium, Bhabha atomic research centre, Mumbai, 15th to 19th December 2021.

(v) Webinars attended:

1. P.Lakshmi Lavanya, “Digital pedagogy in English language teaching”, Department of English, St.Francis college for women, Begumpet, Hyderabad, 12th to 15th December 2021.
2. S.L.Tulasi, P.Pavani, N.Usha Ranu “Vaccinology”, Indian council of medical research, 20th December 2021
3. M.Rudrama Devi, T.Krishna Sree participated in one day “World quality day celebrations” on 18th November 2021 at KL University, Vaddeswaram

c) Certification programs (NPTEL/Coursera/etc.):

1. V.Seethamahalakshmi. “Introduction to calculus”, coursera, 22nd December 2021, Grade: 76%

II. STUDENT ACTIVITIES:

1. I B.Tech students participated in the personality development program on “Peace of mind or pieces of mind” on 13.12.2021.
Resource person: Dr.Gajendranath Chowdary, Assistant Professor, IIT, Hyderabad
2. I B.Tech students participated in the program “Drug awareness among youth” on 24th December 2021.
Resource person: Shri Koushal Kishore, Minister of state for housing and urban affairs, Government of India.
3. An orientation program on “PVP20 Regulation and course structure” conducted for I B.Tech. students on 24th December 2021.