



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 - FEBRUARY 2021

I. FACULTY ACTIVITIES

a) Publications in referred Journals:

(i) **SCI indexed:** Nil

(ii) **SCIE indexed:** Nil

(iii) **Scopus indexed:**

1. M. Anupama Ammulu., Vinay Viswanath, K., Giduturi, A.K. et al., "Phytoassisted synthesis of magnesium oxide nanoparticles from Pterocarpus marsupium rox.b heartwood extract and its biomedical applications" Journal of Genetic Engineering and Biotechnology, Volume: 19, Article: 21, January 2021, pp: 1-18. <https://doi.org/10.1186/s43141-021-00119-0>

(iv) **UGC listed:** Nil

(v) **ESCI indexed:** Nil

(vi) **Others:** Nil

(vii) **Books / Book chapters published:** Nil

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

(i) **Faculty Development Program attended:**

1. P.Lakshmi Lavanya, "Training for Social Connectedness & Inspiration", Rajiv Gandhi Govt. Polytechnic, Arunachal Pradesh, AICTE Training and Learning (ATAL) Academy, 25th to 29th January 2021.
Resource Person(s): (i) Smt.Mugdha Sinha, IAS, Secretary, Art and Culture Department, Rajasthan, (ii) Prof.Muruganatham, Registrar, Saintgits Group of Institutions, (iii) Sri Madhu Raghavendra, Self help speaker, Poet and Art Curator.
2. P.Lakshmi Lavanya, "Training for Social Connectedness & Inspiration", Ramakrishna Mission Vivekananda Educational & Research Institute Faculty of

Disability Management and Special Education, AICTE Training and Learning (ATAL) Academy, 1st to 5th February 2021.

Resource Person(s): (i) Swami Garisthananda, Administrative Head, RKMVERI, Coimbatore, (ii) Br.Ajarachaitanya, Asst. Admin Head, RKMVERI, Coimbatore, (iii) Dr.N.Muthaiah, Dean, RKMVERI, Coimbatore.

3. Dr.R.Chudamani, “Modern Digital Library Science & Technologies for Teaching, Learning and Research”, Central Library in association with the Teaching Learning Centre, NIT Warangal, 4th – 8th January 2021

Resource Person(s): (i) Dr.G.R.K.Murthy, Principal Scientist, ICAR – NAARM, Hyderabad, (ii) Dr.M.Koteswara Rao, Former Librarian, University of Hyderabad, etc.

4. Dr.P.Padmaja, “Examination Reforms”, NIT Mizoram, 15th to 19th February 2021.

Resource Person(s): (i) Prof.Deepankar Bose, NITTTR, Kolkata, (ii) Dr.K.Gyanendra Singh, NIT, Mizoram, (iii) Prof.Mahesh Chandra, NIT, Sikkim etc.

5. Dr.V.Seethamahalakshmi, “Mathematical Approaches in Science and Engineering”, Koneru Lakshmaiah Educational Foundation, Vaddeswaram, 8th to 12th February 2021.

Resource Person(s): (i) Dr.Peeyush Chandra, IIT, Kanpur, (ii) Dr.Anil Kumar, NIT, Manipur, (iii) Dr.A.Vasudeva Rao, IIT, Bhuvanesar

(ii) Training Programs attended: Nil

(iii) Workshops attended: Nil

(iv) Conferences (International) attended: Nil

(v) Conferences (National) attended: Nil

(vi) Seminars attended: Nil

(vii) Webinars attended:

1. Dr.A.Purnachandra Rao, “Introducing new teacher guides supporting learners with dyslexia: for teachers preparing for the Cambridge English qualifications from pre A1 starters to B2 first for schools” Cambridge Assessment English, 18th February 2021.

Resource Person: Jade Blue, Research Consultant, Cambridge University Press, UK

2. M.Rudrama Devi, “Writing effective research proposals”, IQAC, PVPSIT, 09.02.2021.

Resource Person: Dr.Venkateswara Rao, Professor, JNTUH

3. M.Rudrama Devi, “Innovation in education technology and value creation in pedagogy”, IQAC, PVPSIT, 16.02.2021

Resource Person (s): (i) B.K.Sahu, NRDC, (ii) Neeraj Saxena, Advisor, AICTE (iii) K.Harsha, Founder, Edwisely, Hyderabad.

(viii) Orientation Program:

1. An orientation program on “PVP20 regulations” was conducted for the faculty handling I B.Tech courses on 22.02.2021.

Resource Person: Dr.M.S.R.Niranjan Kumar, COE, PVPSIT

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

II. STUDENT ACTIVITIES:

1. Dr.Ch.Padmanabha Raju has conducted an orientation program on “PVP20 regulations” for I B.Tech students on 17.02.2021 & 24.02.2021
2. An interactive session was organised for I B.Tech CSE & IT students with Sri Srinivasu, General Manager - HR, HCL Technologies, Delhi on 22.02.2021.

III. ANY OTHER INFORMATION:

(a) BOS Member:

1. Dr.R.Chudamani has participated in the BOS meeting scheduled on 12.12.2020 at Amrita Sai Institute of Science and Technology, Paritala, Krishna Dt.

(b) National Eligibility Test for Assistant Professor Qualified: Nil

(c) Resource Person: Nil

(d) Patent filed:

1. Dr.P.Pavani, Dr.N.Usha Rani, Dr.P.T.S.R.K.Prasada Rao, Mr.Sivanand M, Dr.C.Naga Sessa Sai Pavan Kumar, Mr.C.Gangu Naidu filed a patent “Design and implementation of smart air quality detection system” at IP Australia, Australian Government, IP Right Number: 2021100661