



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 - July 2021

I. FACULTY ACTIVITIES

a) Publications in referred Journals:

(i) ESCI indexed:

1. K. Raghava Rao, D. Sateesh Kumar, Mohiddin Shaw, **V. Sitamahalakshmi**,
“Energy Efficiency Analysis of LoRa and ZigBee Protocols in Wireless Sensor
Networks”, Revista Geintec-Gestao Inovacao E Tecnologias, ISSN: 2237-0722,
Vol.:11, No.: 4, July 2021

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

(i) Faculty Development Program attended:

1. T.Preethirangamani, “Strategies and outcomes to enhance sustainable green
environment”, University college of engineering, Tiruchirapalli, ATAL, 19th to
23rd July 2021.
Resource person(s): (i) Dr.S.John Abraham, Professor, Gandhiram rural
university, Dindugal, (ii) Dr.S.Anandan, Professor, NIT, Tiruchirapalli, etc.
2. Y.Pavani, “Emerging technologies for sustainable environmental management”,
NIT, Calicut, ATAL, 31st May to 4th June 2021.
Resource person(s): (i) Dr.R.Ravikrishna, IIT, Madras, (ii) Dr.Sachin S. Gunthe,
IIT, Madras, etc.
3. Dr.Sk.Rehena, “Capacity building of women leaders in higher education”, SRM
Institute of Science and Technology, ATAL, 12th to 16th July 2021.
Resource person(s): (i) Ms.Shantha Sheela Nair, Vice chair person, Tamilnadu
state planning commission, (ii) Dr.N.Manimekalai, Director and Head,
Department of women studies, Bharathidasan University, etc.
4. T.Krishnasree, “Leadership excellence for academic development – Elementary”,
NIT, Karnataka, ATAL, 12th to 16th July 2021.
Resource Person(s): (i) Dr.Suresh Purini, Associate Professor, IIT, Hyderabad,
(ii) Prof.Vibin Ramakrishnan, Professor, IIT, Guwahati, etc.
5. Dr.R.Chudamani, “Latex”, Department of Mathematics, GITAM, Bengaluru, 5th
to 9th July 2021.

Resource Person(s): (i) Dr,Ritu Agarwal, MNIT, Jaipur, (ii) Dr.BSRV Prasad, VIT, Vellore.

6. Ch.Murali Mohan, "Introduction to quantum computing and information", PDPM, IIITDM, Jabalpur, ATAL, 5th to 9th July 2021.

Resource Person(s): (i) Prof.Anirban Pathak, IIT, Noida, (ii) Dr.Subhasish Banerjee, IIT, Jodhpur, etc.

7. A.Satya Phani Kumari, P.Lakshmi Lavanya, "Pedagogy and research skills development", Amity school of languages, Amity university, 21st to 29th June 2021.

Resource Person(s): (i) Dr.Chumki Biswas, Assistant Professor, Thadomal Shabani Engineering college, Maharashtra, (ii) Dr.Nishevita Jayandran, Assistant Professor, Tata Institute of social sciences, Mumbai, etc.

8. Dr.M.Shyam Sundar, "Communication skills: Theory & Practices", Department of Languages, Integral University, Lucknow, 14th to 25th June 2021. NIRF Rank: 46

Resource Person(s): (i) Dr.Mushtabshira, Taibah University, Saudi Arabia, (ii) Prof.Shagupta Shaheen, MANU University, Hyderabad.

(ii) Training Programs attended:

1. Dr.A.Purnachandra Rao, "Writing quality research paper and proposal", Applied mathematics and Humanities department, SVNIT, Surat, Gujarat, 6th to 10th July 2021.

Resource person(s): (i) Prof. T. Ravichandran, IIT, Kanpur, (ii) Dr. Madhumeeta Sinha, EFLU; etc.

(iii) Workshops attended:

1. V.Siva naga malleswari, Dr.V.Sitamahalakshmi, M.Prameela, "Differential equations: Theory, Analysis and applications with MATLAB-2021", School of physical sciences, DIT University, Dehradun, 12th to 16th July 2021. NIRF Rank: 129

Resource person(s): (i) Dr.Peeyush Chandra, IIT, Kanpur, (ii) Dr.P.S.Dathi, TIFR, Bangalore etc.

2. M.Rudrama Devi, Dr.Sk.Rehena, A.S.Phani Kumari, "Challenges and prospects of professional communication for career progression and placements in the new normal, Department of English, VRSEC, Vijayawada, 30th June 2021.

Resource person(s): (i) Prof.Bind Mishra, IIT, Roorke, (ii) Sri Harry Fransis, Director, Customer operations, Gain Sight, Hyderabad.

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

1. T.Krishna Sree, "Learning how to learn: Powerful mental tools to help you master tough subjects", Deep teaching solutions, Coursera, 29th July 2021, Grade achieved: 95.10%
2. Dr.N.Usha Rani, "Nanotechnology: A Maker's course", Duke University, North Carolina state university, University of North Carolina, Coursera, 31st July 2021, Grade achieved: 83.95%

3. Dr.A.Purnachandra Rao, “The science of well-being”, Yale University, Coursera, 14th July 2021, Grade achieved: 98.57%
4. Dr.V.Seetha Maha Lakshmi, “Algebra: Elementary to Advanced – Equations & Inequalities”, Johns Hopkins University, Coursera, Grade achieved: 89.59%

II. STUDENT ACTIVITIES: Nil

III. ANY OTHER INFORMATION:

- (a) APSET Qualified:** M.Krishna qualified in “Andhra Pradesh State Eligibility Test 2020 for Assistant Professor in English” on 20th December 2020. Certificate issued on 20th February 2021. H.T.No.: 030802511
- (b) Book Published:** Dr.Sandhyacole, **Dr.G.Sreedevi** published a book on "Effect of Transition Metal Ions on CdSZn₃(PO₄)₂ Nanophosphors under Hydrothermal treatment”, july 2021, ISBN:978-93-90631-72-8, Paramount publishing House,Hyderabad-500 072