



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 - MARCH 2022**

I. FACULTY ACTIVITIES

a) Publications in referred Journals:

(i) Scopus indexed:

1. S.Lakshmi Tulasi, Dr P.Pavani, Dr.N.Usha Rani”Green adeptness in the synthesis and stabilization of copper nanoparticles using aqueous root extract of Schrebera swietenoides Roxb, and its catalytic application” Journal of medical pharmaceutical and allied sciences, ISSN: 2320–7418, Volume 11, Issue 1, pp. 4233 – 4240, Jan-Feb 2022.
2. S.LAKshmi Tulasi, Dr P.Pavani “Green synthesis of nanostructured zinc particles using aqueous leaf extract of schrebera swietenoides roxb. and their catalytic application in degradation of methyl orange, crystal violet dyes and chromium metal” International Journal of Applied Pharmaceutics, ISSN: 0975-7058, Vol 14, Issue 2, pp. 308-314, March 2022

(ii) Others:

Dr.Sunitha Yedla, Kurra Umamahesh, M.Rudramadevi, “Teaching and learning process of english for student-teachers: a pilot study” International journal of ELT , linguistics and comparative literature, Volume: 9, Issue 6, 2021, Oct-Dec 2021, ISSN: 2455-0302, pp: 1-9

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

(i) Faculty Development Program attended:

1. Dr.Sk.Rehana and P.Lakshmilavanya attended a five-day National level FDP on “Impact and influence of National Education policy 2020 on Humanities and social sciences” from 28th March-1st April 2022 at Jain University. NIRF Rank:99
Resource persons(s): Dr. Viraj Kumar, Visiting Professor, Divecha Centre for Climate Change, Indian Institute of Science, Bengaluru and the Chair of ACM India’s Special Interest Group for CS Education (iSIGCSE) and Dr.Asha Rajiv Director IQAC,School of Commerce School of COmputer science & IT Jain University.

2. Mrs. T.Krishnasree has participated in AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Photonics and its application" from 14/02/2022 to 18/02/2022 at Sardar Vallabhbhai National Institute of Technology, Surat.

Resource Person(s): (i) Prof. Vijay Janyani, MNIT, Jaipur, (ii) Prof. Alok Verma Sameer, IIT Bombay, (iii) Prof. Suchandan Pal, CSIR-CEERI, Pilani.

3. Dr.P.Padmaja has participated in a one week online FDP on "Role of Basic Sciences in Emerging Technologies" organized by National Institute of Technology, Mizoram & GMR Institute of Technology, Rajam,A.P. from 9/3/2022 to 14/3/2022.

Resource persons: 1.:Dr.Alok Shukla associate professor, NIT Mizoram, 2. Dr A.S.V Ravikanth,Dept. of Mathematics, NIT KuruKshetra,3.Dr.Ashuwin Vaidya, Prof. of Mathematics, Montclair state university ,New Jersey,USA.

4. Dr. N. Usha Rani has participated in ATAL Sponsored Faculty Development Program (FDP) on "Emerging Trends in Green Energy Technologies" from 21-02-2022 to 25-02-2022 organized by Government Polytechnic, Gondia.

Prominent Resource persons: i) Dr. S.K. Tyagi, IIT Delhi. ii) Dr. Arunachalam N, IIT Madras, Chennai. iii) Mr. Nitin Banait, Tesla EV Academy India Pvt Ltd, Pune

5. M.Prameela has participated in a two weeks online FDP on "Numerical & Engineering Computation, Optimization for Physicists, Scientists & Engineers using open-source-SCILAB" organized by the Electronics and ICT Academies at IIT Roorkee, MNIT jaipur and NIT Patna, during 21-02-22 to 05-03-22.

Resource Persons: (i) Dr. Priyanka Nirjhule, Asst Prof, Department of Mathematics, MNIT, Jaipur (ii) Dr. Rajendra Mitharwal,Asst Prof, MNIT, Jaipur

6. Mrs. A.Satya Phani Kumari attended an FDP on Capacity Building and Skill Enhancement Workshop on Creative Writing organized by Department of English and Foreign Languages, SRM University, Ramanthapur, Chennai from 16.03.22 to 18.03.22.

Resource Persons: 1. Dr. Manisha Anand Patil, Dean & HOD, Dept. of English YC INstitute of Science, Satara, Maharashtra. 2. Mrs. K. Yamuna, writer, Coimbatore.

(ii) Training Programs attended:

Dr. N. Usha Rani S.Lakshmi Tulasi Dr P.Pavani has participated in AICTE sponsored Short-term Training Program (STTP) on "Recent Advances in Technologies for Environmental Sustainability" (RATES-2022) from 07-03-2022 to 12-03-2022 organized by Department of Environmental Science and Engineering, J.C. Bose University of Science & Technology, YMCA, Faridabad, Haryana.

Prominent Resource persons : i). Dr. Brajesh Kr. Dubey, Associate Professor, IIT-KGP. ii).Dr. Sunil Kumar, Humboldt Senior Fellow, CSIR-NEERI. iii).Dr. Adarsh Kumar Pandey, Associate Professor, Sunway University, Malaysia.

(iii) Workshops attended:

1. Dr.P.Padmaja, Dr. Sk. Rehena, P. Lakshmi lavanya, Dr. V.Sita Mahalakshmi, Mrs.M.Rudramadevi and A. S. Phanikumari participated in a one Day workshop on "Research Paper and Research Proposal Writing" on 26-03-2022. organized by Department of Freshman Engineering, PVPSIT.

Resource person: Dr. Subrahmanya Sastry Challa, Professor, IIT, Hyderabad.

(iv) Conferences (International) attended:

1. A.S.Phani kumari Presented a paper on "Ecological Imbalance-Man's Major Mistake" at Andhra University on 28-03-2022 in the International Conference on "Calamity and Catastrophe in World Literature in English".
2. Dr. Sk. Rehena Presented a paper on "Proliferation of Self identity in Manju kapur's Immigrant" at Andhra University on 28-03-2022 in the International Conference on "Calamity and Catastrophe in World Literature in English".

II. STUDENT ACTIVITIES:

1. A Guest lecture was organized by the Department of Chemistry on "Bio Medical Waste Management in India" for I. B.Tech students on 07-03-2022.

Resource person: Sri Velagapudi Venkatewara Rao, Director, SAFENVIRON.

2. A Guest lecture on "communication skills for Technical students" was organised by the faculty of English on 18.3.2022 for students of I B.Tech.

Resource person: Dr. P. Madhumathi, Asst.Prof. NIT Warangal

3. A Guest lecture was organized by the faculty of Mathematics on "Applications of Integrals" for I.B.Tech students on 02.3.2022 .

Resource person: Dr. T.Vamsinadh, Asst.Prof. NIT Tiruchirappalli

III. ANY OTHER INFORMATION:

1. A One Day Workshop on "Research Paper and Research Proposal Writing" was organised by the faculty of Physics, Chemistry and Mathematics of the Freshman Engineering Department on 26-03-2022.

Resource persons: i). Dr. Subrahmanyam, Professor, IIT, Hyderabad. ii). Ch. Dr. Subrahmanya Sastry Challa, Professor, IIT, Hyderabad.

2. Department of Freshman Engineering organized a Workshop on "Research Paper and Research Proposal writing" for the faculty of English on 18.03.2022

Resource person: Dr.P.Madhumathi ,Asst.Prof. NIT Warangal