

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 JUNE, 2024

FACULTY ACTIVITIES

a) Publications in refereed Journals:

SCI indexed: NIL

SCIE indexed: NIL

Scopus indexed :

1. Dr. R. Chudamani published a paper “Product of Semi – Lattices of Certain Graphs” in the journal ‘Communications on Applied Nonlinear Analysis’, ISSN: 1074-133X, Vol 31 No.1 (2024), 231-237 indexed in Scopus.
2. Rehena, SK., Shafiah, W., Rama Devi, A., Naheed Saba, Sania Rizwan, Afsha Jamal, Vineela, N. published an article entitled “The Effectiveness of a Strategy Training Course in Enhancing Language Skills of Indian Engineering Students” in Theory and Practice in Language Studies, ISSN:1799-2591,June,2024, 14(6), pp. 1631–1643. (Scopus indexed)
3. Ramanjaneyulu.K, N. Usharani, and T.S.R.K. Prasad rao published a paper entitled “Onion Seed Essential Oil-Grafted Zerovalent Copper Nanoparticles as Promising Material for Supercapacitor Electrodes in Energy Storage Device” in Asian Journal of Chemistry; Vol. 36, No. 6,May,(2024), 1273-1280, ISSN [0970-7077](#),

ESCI indexed & UGC-CARE:

1. M.Sivamala, P.V.SrinivasaRao, **K.Kiran Kumar** published a paper entitled “Partial Γ -Semimodules over Partial Γ -Semirings” in Punjab University Journal of Mathematics ISSN: 1016-2526, June,2024 Vol. 56 (1-2) (2024), 1-6 (**Web of Science Indexed**)

SCOPUS- Conference Proceedings:

1. Purnachandra Rao Alapati; Joy Christy Lawrance; Priya Sambath; Rekha Murugan; Manikandan Rengarajan; I Infant Raj; B Kiran Bala published a paper titled,, "Cross-Lingual Transfer Learning in NLP: Enhancing English Language Learning for Non-Native Speakers," 2024 10th International Conference on Communication and Signal Processing (ICCSP), Adhiparasakthi Engineering College, Melmaruvathur, Tamilnadu, India, 12-14 April, 2024, ISSN: 2836-1865, pp. 1042-1047, (Scopus & IEEE)

b)Patents : Nil

c) Projects: 01

1. Dr. Pavani Peddi at PVP Siddhartha Institute of Technology received a project funding of \$2,000 USD from ANETARA LLC, located at 123 W Stableford Dr, Duncan, SC, 29334,

USA, for her research on Nano Bio Fertiliser. The company supports this initiative as part of its commitment to environmental sustainability and corporate social responsibility. The amount of 1,65,925 rupees was credited on June 4, 2024.

d) Books/ Book chapters: NIL

e) Participation in FDP/ Training/ Workshops/ Conferences/ Seminars/ Webinar etc:

Training Programs attended:

1. Dr.Sk.Rehena, Dr.V.S.N.Malleswari & Dr.G.Sreedevi completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by UGC-MMTTC, Maulana Azad National Urdu University, Hyderabad from 3rd to 12th June, 2024.

Resource person: Dr. Shyamal Kumar Das Mandal Department of Centre for Educational Technology. IIT, Kharagpur, Professor Rita Mehra Head, Department of Pure & Applied Chemistry, Maharishi Dayanand University

2. Dr.V.S.N.Malleswari participated in the intensive training in Algebra, Analysis, topology and applications at Manipal institute of technology, Manipal from May 27, 2024 to Jun 1, 2024.

Resource persons:

1) Argha Ghosh, Assistant Professor, Department of Mathematics, MIT Manipal

2) Vinay Madhusudan, Assistant professor, Department of Mathematics, MIT Manipal

Faculty development programs attended:

Others:

1. Dr.V.S.N.Malleswari has attended the Five-Day International Online FDP on Exploring Recent Trends in Applied Mathematics and Machine Learning held from 20th May 2024 to 24th May 2024 by Department of Mathematics at Koneru Lakshmaiah Educational Foundation (Deemed to be University), Bachupally Campus, Hyderabad.

Resource persons: 1) Dr. Ramesh Kasilingam, IIT Madras, India.

2) Dr. Ayyapan Srinivasan, IIT Hyderabad, India.

2. Dr.S.Lakshmi Tulasi, Dr. P.Pavani and Dr. N.Usharani are attended AICTE Recognized Faculty Development Programme on Curriculum Design for Outcome Based Education Conducted by Curriculum Development Centre Department from 03/06/2024 to 07/06/2024 (One Week) at NITTTR, Chandigarh. Resource Persons: 1. Dr. Y.K. Anand Prof. (Retd.) NITTTR Chandigarh, 2. Dr Sanjeev Sofat Professor, CS & E PEC, Chandigarh.

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2. Dr Sanjeev Sofat, Professor, CS & PEC, Chandigarh.

3. Mr.A.Chandra Sekhara Babu has Participated in the online workshop on Data Analysis & AI organized by Centre for Computer Science and Information Technology (CCSIT), Manjeri, University of Calicut on 15 June 2024. Resource Persons: 1. Dr. Sunil Job Data Science Expert, Curriculum Development & OBE Specialist. 2. Dr. Suresh Namboothiri AI Specialist & OBE Specialist.

4. Dr.M.Shyam Sundar has participated (online) in the Five-day FDP on “Research Methods for English Studies” held during 10-14 June 2024, organized by Department of languages, Presidency University, Bengaluru.

Resource Persons

- 1.Prof.Smriti Singh, IIT Patna
- 2.Prof.V.B.Tharakeshwar, EFLU, Hyderabad
- 3.Dr.Krishna Chaitanya Reddy, Central University of Kashmir
- 4.Dr.Amitabh Vikram Dwivedi, Central Institute of Hindi, Agra.
- 5.Dr.Ridhima Tewari, IIT Dharwad

f) Organized FDP/ Career Development/ Training/ Workshops/ Conferences/ Seminars/ Webinar etc

Faculty development programs Organized :

1. Faculty of Environmental Sciences organized a one day faculty development program on FOOD & ENVIRONMENT- EAT HEALTHY AND GO GREEN on 24.6.2024 at E- Class room All the FED Faculty participated in the program.
Resource person : 1. K. Venkata ratnam, Env. Journalist, CSR projects.
2. Dr. K. Sirisha, Govt. Hospital of Ayurveda.

g) Papers presented in Seminars / Conferences:

h) Certification programs (NPTEL / Coursera / edX etc.):

1. Dr.Shaik Rehena successfully completed and received a passing grade in ILX2 Becoming a Successful Leader Inclusive Leadership Training) a course of study offered by CatalystX, an online learning initiative of Catalyst Inc.. on June 8, 2024
2. Dr.Shaik Rehena successfully completed and received a passing grade RMPC 1.5x: Stress Testing and Risk Regulation Part 1 a course of study offered by NYIF, an online learning initiative of New York Institute of Finance through edX. on June 10 , 2024
3. Dr.Shaik Rehena successfully completed and received a passing grade RMPC 1.5x: Stress Testing and Risk Regulation Part 2 a course of study offered by NYIF, an online learning initiative of New York Institute of Finance through edX. on June 10 , 2024
4. Dr.Shaik Rehena successfully completed and received a passing grade 2.0X: Critical Thinking: How to Develop Critical Thinking Skills, a course of study offered by BoxPlay, an online learning initiative of BoxPlay.. on June 13, 2024
5. Dr.Shaik Rehena successfully completed and received a passing grade in Soft skills develop interpersonal skills , a course of study offered by IBM, an online learning initiative of IBM through edX. on June 19, 2024
6. Dr.Shaik Rehena successfully completed and received a passing grade in Soft skills Present with Purpose , a course of study offered by IBM, an online learning initiative of IBM through edX. on June 20, 2024
7. Dr.Shaik Rehena successfully completed and received a passing grade in IL4x: Get Beyond Work-Life Balance (Inclusive Leadership Training) a course of study offered by CatalystX, an online learning initiative of Catalyst Inc..on June 21, 2024
8. Dr.Shaik Rehena successfully completed and received a passing grade in Soft skills Present with Purpose , a course of study offered by IBM, an online learning initiative of IBM through edX. on June 20, 2024
9. Dr.Shaik Rehena successfully completed and received a passing grade in humanitarian response to conflict disaster , a course of study offered by Harward X, an online learning initiative of Harward X throughedX. on June 22, 2024

10. Dr. Shaik Rehena successfully completed and received a passing grade in SOFTSKILLS COLLABORATE EFFECTIVELY, a course of study offered by IBM, an online learning initiative of IBM through edX. on June 22, 2024.
11. Dr. Shaik Rehena successfully completed and received a passing grade in Religion, conflict and peace , a course of study offered by Harvard X, an online learning initiative of Harvard X through edX. on June 24, 2024
12. Dr. Shaik Rehena successfully completed and received a passing grade in intercultural communication in the workplace , a course of study offered by the London school of economics and political Science, an online learning initiative of London school of economics and political Science through edX. on June 24, 2024
13. Dr. Shaik Rehena successfully completed and received a passing grade in MMSS011.x: Negotiation Strategies and Styles a course of study offered by TecdeMonterreyX, an online learning initiative of Tecnológico de Monterrey On June 24, 2024.
14. Dr. Shaik Rehena successfully completed and received a passing grade in Diversity, Equity and Inclusion in the workplace , a course of study offered by the London school of economics and political Science, an online learning initiative of London school of economics and political Science through edX. on June 24, 2024.
15. Dr. Shaik Rehena successfully completed and received a passing grade in happy: Managing Happiness a course of study offered by HarvardX, an online learning initiative of Harvard University on June 29, 2024.
16. Dr. M. Rudrama Devi successfully completed and received a passing grade in DIV1x Communication Skills for Dialoguing Across Difference, a course of study offered by CatalystX, an online learning initiative of Catalyst Inc.. on June 18, 2024
17. Dr. M. Rudrama Devi successfully completed and received a passing grade in Career Development 2x: Communication and Teamwork, a course of study offered by FullbridgeX, an online learning initiative of Fullbridge through edX. on May 27, 2024
18. Dr. M. Rudrama Devi successfully completed and received a passing grade in SOFTSKILLS COLLABORATE EFFECTIVELY, a course of study offered by IBM, an online learning initiative of IBM through edX. on June 19, 2024
19. Dr. M. Rudrama Devi successfully completed and received a passing grade in Softskills Present with Purpose , a course of study offered by IBM, an online learning initiative of IBM through edX. on June 19, 2024
20. Dr. M. Rudrama Devi successfully completed and received a passing grade in How to develop executive Presence , a course of study offered by State bank of India, an online learning initiative of State bank of India through edX. on June 19, 2024
21. Dr. M. Rudrama Devi successfully completed and received a passing grade in Soft skills develop interpersonal skills , a course of study offered by IBM, an online learning initiative of IBM through edX. on June 19, 2024
22. Dr. M. Rudrama Devi successfully completed and received a passing grade in intercultural communication in the workplace , a course of study offered by the London school of economics and political Science, an online learning initiative of London school of economics and political Science through edX. on June 19, 2024
23. Dr. M. Rudrama Devi successfully completed and received a passing grade in Negotiation Skills and Effective Communication, a course of study offered by TecdeMonterreyX an online learning initiative of TecdeMonterreyX Inc.. on June 21, 2024


24. Dr. M.Rudrama Devi successfully completed and received a passing grade in Diversity, Equity and Inclusion in the workplace , a course of study offered by the London school of economics and political Science, an online learning initiative of London school of economics and political Science through edX. on June 21, 2024
25. Dr. M.Rudrama Devi successfully completed and received a passing grade in IL5x: Leading With Effective Communication (Inclusive Leadership Training) a course of study offered by CatalystX, an online learning initiative of Catalyst Inc..on June 20, 2024
26. Dr. M.Rudrama Devi successfully completed and received a passing grade in humanitarian response to conflict disaster , a course of study offered by Harward X, an online learning initiative of Harward X through edX. on June 21, 2024
27. Dr. M.Rudrama Devi successfully completed and received a passing grade in Religion,conflict and peace , a course of study offered by Harward X, an online learning initiative of Harward X through edX. on June 21, 2024
28. Dr. M.Rudrama Devi successfully completed and received a passing grade in Softskills solve problems and creative thinking , a course of study offered by IBM, an online learning initiative of IBM through edX. on June 20, 2024.
29. Dr.A. Purnachandra Rao completed and received a passing grade in "Career Development 2x: Communication and Teamwork" a course of study offered by FullbridgeX, an online learning initiative of Fullbridge through edX on June 28, 2024.
30. Dr. T. Preethi Rangamani successfully completed NUTRITION FOR HEALTH AND SUSTAINABILITY, EIT FOOD and received a passing grade 73% an online course explored the relationship between nutrition, health and sustainability learning initiative of FUTURE LEARN, Co Funded by European Union on June 29, 2024.

Student Activities:

The Faculty of Environmental Sciences conducted a Drawing competition for B.Tech & MBA Students on the occasion of World Environmental Day on 5.06.2024.

S.NO	Name of the Student	Branch	Prize
1	Miss Harini	ECE	I
2	Mr.Kalyan	ME	II
3	Miss Anuradha	EEE	III

Any other information: Nil


(Dr.M.Srilakshmi)
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