SDG 17 – Partnership for Goals

17.2.2 - Does your university as a body initiates and participates in cross-sectoral dialogue about the SDGs, e.g. conferences involving government/NGOs?

1. D. Tapas Kumar Dora, "Synthesis of Hierarchical Porous, Hydrophobic Aerogel through the Reinforcement of Bamboo-shaped Carbon Nanotubes in the Silica Matrix for Oil Spill Cleaning", International Conference on "Novel Materials and Technologies for Energy Applications (NMTEEA-2022)" from 18th-19th February 2022, organized by BITS Pilani-Hyderabad Campus.

2. Sivasangari Ayyappan, "Application of Big Data Processing Technologies in Agriculture", 2022 International Conference on Computer Communication and Informatics (ICCCI), Sree Shakthi College of Engineering and Technology, Coimbatore, India, 25th January 2022.

3. A. Sudhakar, M. V. Nageswara Rao, Telagarapu Prabhakar, "Design of UWB Rectangular Microstrip Antenna with Defected Ground Structure to Detect Breast Cancer", International Conference on Wireless Communication, D.J.Sanghvi College of Engineering, Mumbai, India, 8th October 2021.

4. Shaik Shadulla presented a paper on "Synthesis and characterization of Multi-Walled Carbon Nanotubes Supported Platinum Catalyst for Proton Exchange Membrane (PEM) Fuel cell Performance" in International Conference on "Advances in Chemical and Materials Sciences (ACMS-2022)" organized by Indian Institute of Chemical Engineers, Kolkata In association with National Institute of Technology, Jalandhar Heritage Institute of Technology, Kolkata Osmania University College of Technology, Hyderabad during April 14 - 16, 2022.

5. Deepshikha Datta, Sampurna Santra, Bimal Das presented a paper on "Role of Extracted Nanosilica from Rice Rusk on the Structure, Property and Biodegradability of LDPE/Starch Biodegradable Film"in International Conference on "Advances in Chemical and Materials Sciences (ACMS-2022)" organized by Indian Institute of Chemical Engineers, Kolkata In association with National Institute of Technology, Jalandhar Heritage Institute of Technology, Kolkata Osmania University College of Technology, Hyderabad during April 14 - 16, 2022.

6. Deepshikha Datta, Shefali Mumtaj, Bimal Das, "Synthesis of Gold Nano Particles Using Oldenlandia Corymbose Plant Extract" in International Conference on "Advances in Chemical and Materials Sciences (ACMS-2022)" organized by Indian Institute of Chemical Engineers, Kolkata In association with National Institute of Technology, Jalandhar Heritage Institute of Technology, Kolkata Osmania University College of Technology, Hyderabad during April 14 - 16, 2022.

7. Deepshikha Datta, Divakar Pamanji, Bimal Das, "Production and Optimization of LDPE with Bio & Inorganic Filler Polyblend through Response Surface Methods using Central Composite Design" in International Conference on "Advances in Chemical and Materials Sciences (ACMS-2022)" organized by Indian Institute of Chemical Engineers, Kolkata In association with National Institute of Technology, Jalandhar Heritage Institute of Technology, Kolkata Osmania University College of Technology, Hyderabad during April 14 - 16, 2022.

8. Divakar Pamanji, P Satya Sagar, Deepshikha Datta, "Modelling and Optimization of Coagulation of Phosphates in the Drinking water by Response Surface Methodology", in International Conference on "Advances in Chemical and Materials Sciences (ACMS-2022)" organized by Indian Institute of Chemical Engineers, Kolkata In association with National Institute of Technology, Jalandhar Heritage Institute of Technology, Kolkata Osmania University College of Technology, Hyderabad during April 14 - 16, 2022.

9. P Kalyan Chakravarthi, D.Yuvaraj, V Venkataramanan, "IoT-based smart energy meter for smart grids", 6th IEEE International Conference on Devices, Circuits and Systems (ICDCS'22), Karunya Institute of Technology and Sciences, Coimbatore, Tamilnadu, India, 22nd April,2022.

10. Cristin, R., Satish, A.R., Kundu, T.K., Maram, B. (2022), "Malaria Disease Prediction with Ensemble Learning Technique", In: Saini, H.S., Sayal, R., Govardhan, A., Buyya, R. (eds) Innovations in Computer Science and Engineering. Lecture Notes in Networks and Systems, vol 385. Springer, Singapore. https://doi.org/10.1007/978-981-16-8987-1_55

11. Vasudha Rani, V., Das, S., & Kundu, T. K. (2022). Risk Prediction Model for Lung Cancer Disease Using Machine Learning Techniques. In Innovations in Computer Science and Engineering (pp. 417-425). Springer, Singapore

12. Harikrishna Marrapu, Balajee Maram, Prasadu Reddi, "New Analytic Framework Of Public Mental Health Prediction Using Data Science"IEEE International Conference on Smart Technologies and Systems for Next Generation Computing" held at IFET College of Engineering on 25th and 26th March 2022.

13. Shaik Shadulla presented a paper on "Synthesis and characterization of Multi-Walled Carbon Nanotubes Supported Platinum Catalyst for Proton Exchange Membrane (PEM) Fuel cell Performance" in International Conference on "Advances in Chemical and Materials Sciences (ACMS-2022)" organized by Indian Institute of Chemical Engineers, Kolkata In association with National Institute of Technology, Jalandhar Heritage Institute of Technology, Kolkata Osmania University College of Technology, Hyderabad during April 14 - 16, 2022.

14. Deepshikha Datta, Sampurna Santra, Bimal Das presented a paper on "Role of Extracted Nanosilica from Rice Rusk on the Structure, Property and Biodegradability of LDPE/Starch Biodegradable Film"in International Conference on "Advances in Chemical and Materials Sciences (ACMS-2022)" organized by Indian Institute of Chemical Engineers, Kolkata In association with National Institute of Technology, Jalandhar Heritage Institute of Technology, Kolkata Osmania University College of Technology, Hyderabad during April 14 - 16, 2022.

15. Deepshikha Datta, Shefali Mumtaj, Bimal Das, "Synthesis of Gold Nano Particles Using Oldenlandia Corymbose Plant Extract" in International Conference on "Advances in Chemical and Materials Sciences (ACMS-2022)" organized by Indian Institute of Chemical Engineers, Kolkata In association with National Institute of Technology, Jalandhar Heritage Institute of Technology, Kolkata Osmania University College of Technology, Hyderabad during April 14 - 16, 2022.

16. Divakar Pamanji, P Satya Sagar, Deepshikha Datta, "Modelling and Optimization of Coagulation of Phosphates in the Drinking water by Response Surface Methodology", in International Conference on "Advances in Chemical and Materials Sciences (ACMS-2022)" organized by Indian Institute of Chemical Engineers, Kolkata In association with

National Institute of Technology, Jalandhar Heritage Institute of Technology, Kolkata Osmania University College of Technology, Hyderabad during April 14 - 16, 2022.

17. P Satya Sagar, Deepshikha Datta, "Biodegradation of phenol using Nocardiahydrocarbonoxydans, Saccharomyce cerevisiae and Candida slooffi microorganisms immobilized on glass balls– A comparative study", in International Conference on "Advances in Chemical and Materials Sciences (ACMS-2022)" organized by Indian Institute of Chemical Engineers, Kolkata In association with National Institute of Technology, Jalandhar Heritage Institute of Technology, Kolkata Osmania University College of Technology, Hyderabad during April 14 - 16, 2022.

18. TVS Divakar, G. Anantha Rao, "Multiple Slotted Triple Band PIFA Antenna for Wearable Medical Applications at 2.5-9 GHz", ICDIC-2021: International Conference on Data Science, Intelligent Computing and Cyber Security, Sree Vidyanikethan Engineering College, Tirupati, India, December 29-30, 2021.

19. Polamarasetty P Kumar 1,* Ramakrishna S S Nuvvula , and Vasupalli Manoj Grass Hopper Optimization Algorithm for Off-Grid Rural Electrification of an Integrated Renewable Energy System Management E3S Web of Conferences 350, 02002 (2022) EREGCE 2022, https://doi.org/10.1051/e3sconf/202235002008,

20. Kanta Naga Rajesh and Ponnada Markandeya Raju, "Performance of Recycled PlasticWaste and Used Foundry Sand as a Replacement of Fine Aggregate in Concrete", Recent Developments in Sustainable Infrastructure (ICRDSI-2020)–Structure and Construction Management, Lecture Notes in Civil Engineering 221, Kalinga Institute of Industrial Technology, Bhubaneshwar, 19-21st December-2020, https://doi.org/10.1007/978-981-16-8433-3_61, (Indexed in Scopus, IF: 0.11), Springer-2022.

21. Dr.A.Sivasangari and Dr.G.Sasikumar, "A distinctive approach for early detection of Plant diseases for Sustainable Agriculture", 10th International Conference on Contemporary Engineering and Technology 2022, Shri Venkateswara Padmavathy Engineering College, Chennai, India, March, 26th -27th 2022.

22. Vasudha Rani Vaddadi, S. Das and A. V, "Exploration of COVID 19 Tweets Data for the Prediction of Negative Ontologies through Deep Learning Techniques," 2022 IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics(ICDCECE),Organized by Ballari Institute of Technology and Management, Ballari, Karnataka, April 21-23,2022.

23. Vadamodula, P., Cristin, R., Daniya, T. "Web Based Voice Assistant for Railways Using Deep Learning Approach" Ubiquitous Intelligent Systems Smart Innovation, Systems and Technologies (ICUIS 2021), vol 302. Springer, Singapore. Organized by Shree Venkateshwara Hi-Tech Engineering College, Erode, Tamilnadu, April 16-17,2022.

24. Vadamodula, P., Cristin, R., Daniya, T. "Design and Development of a Digital Preservation Voice Enabled Application for Cultural Heritage Towards Fishing in Vernacular Language" Pervasive Computing and Social Networking. Lecture Notes in Networks and Systems, vol 475. Springer, Singapore, 2023.

25. H. J. Rao, B. Maram and T. Daniya, "Convolution Neural Network System for Discriminate Drug Sampling Technique SMOTE," *2022 IEEE 11th International Conference on Communication Systems and Network Technologies (CSNT)*, 2022, pp. 380-384, doi: 10.1109/CSNT54456.2022.9787673. (IEEE,Scopus)

26. Stewart Kirubakaran, S., Chigurukota, D., Thirukrishna, J.T., Daniya, T. (2022). Enhancing Accuracy Performance in Novel Drug Delivery System for Composite Microbeads Using Hadoop Ecosystem Over Conventional Drug Delivery Systems. In: Saini, H.S., Sayal, R., Govardhan, A., Buyya, R. (eds) Innovations in Computer Science and Engineering. Lecture Notes in Networks and Systems, vol 385. Springer, Singapore. https://doi.org/10.1007/978-981-16-8987-1_33.

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28. Srikanth, P., & Behera, C. K. An Empirical study and assessment of minority oversampling with Dynamic Ensemble Selection on COVID-19 utilizing Blood Sample. In 2022 International Conference on Engineering & MIS (ICEMIS) (pp. 1-7). IEEE.2022 International Conference on Engineering & MIS (ICEMIS),IEEE, Istanbul, Turkey,2022.

29. Vadamodula, Prasad, R. Cristin, and T. Daniya. "Design and Development of a Digital Preservation Voice Enabled Application for Cultural Heritage Towards Fishing in Vernacular Language." In Pervasive Computing and Social Networking, pp. 295-308. Springer, Singapore, 2023.

30. Maram, Balajee, Smritilekha Das, T. Daniya, and R. Cristin. "A Framework for Weed Detection in Agricultural Fields Using Image Processing and Machine Learning Algorithms." In 2022 International Conference on Intelligent Controller and Computing for Smart Power (ICICCSP), pp. 1-6. IEEE, 2022.

31. Sasapu Padmini, Dr. L.V.Suresh Kumar, Padi Hema Sai "Fuel cell electric vehicle speed regulation with PID controller in scilab" Gayatri Vidhyut Conference GVCON-2K22", conducted by Electrical & Electronics Engineering Department, Gayatri Vidya Parishad College of Engineering (Autonomous), Visakhapatnam during 21st to 22nd October, 2022.