



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 - DECEMBER 2020**

I. FACULTY ACTIVITIES

a) Publications in referred Journals:

(i) **SCI indexed:** Nil

(ii) **SCIE indexed:**

1. Anupama Ammulu Manne, Bharathi Arigela, Ajay Kumar Giduturi, Ravi K. Komaravolu, Ushakiranmayi Mangamuri, Sudhakar Poda, "Pterocarpus marsupium Roxburgh heartwood extract/chitosan nanoparticles loaded hydrogel as an innovative wound healing agent in the diabetic rat model", Materials Today Communications, ISSN: 2352-4928, Volume 26, Article No.:101916, 2021, pp.: 1-12 (Available online 25th November 2020) (Scopus)

(iii) **Scopus indexed:**

1. P.V.Srinivasa Rao, M.Siva Mala, K.Kiran Kumar, "Subtractive Partial Γ -Subsemimodules of Partial Γ -Semimodules", Advances in Mathematics: Scientific Journal, ISSN: 1857-8365, Volume: 9, Issue: 9, September 2020.

(iv) **UGC listed:** Nil

(v) **ESCI indexed:**

1. Chandrasekhar Chanda, Muktha Maganti, Manaswini Chunduru, Phani Greeshma Veeramachaneni, Praneetha Srikonda, Shaik Mohammad Anjum, Khyathi Dondapati, Anupama Ammulu Manne, "Monitoring Cellular Immune Responses in Cancer Therapy", International Journal of Life science and Pharma Research, ISSN: 2250-0480 Volume:10, No.: 5, December 2020, pp.: L121 – L126. (Non-Scopus)

(vi) **Others:**

1. T. Preethi Rangamani, "Waste Management Practices among Inhabitant's of Kanuru Panchayath, Penamaluru Mandal in Vijayawada, Andhrapradesh", International Journal of Innovative Science and Research Technology, ISSN: 2456-2165, Volume: 5, Issue: 11, November 2020, pp.: 837-838

2. V.Seethamahalakshmi, Ch.V.Ramana Murthy, G.V.Ramana Reddy, “Influence of Radiation and Chemical Reaction on MHD Casson Nanofluid on a Stretching Sheet”, Diffusion Foundation, ISSN: 2296-3642, Volume: 28, December 2020, pp.: 57-64.
3. A. Satya Phani Kumari, “Role of English teachers in management studies”, International Journal of All Research Education and Scientific Methods, ISSN: 2455-6211, Volume: 8, Issue: 12, December 2020, pp.: 332-334.

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

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

(i) Faculty Development Program attended:

1. Dr.P.Pavani, S.Lakshmi Tulasi, Dr.N.Usha Rani, “Green Technology & Sustainability Engineering”, Department of Mechanical Engineering, NIT Raipur & AICTE Training and Learning (ATAL) Academy, 8th to 12th December 2020.
Resource Person(s): (i) Dr.Deepak L. Waikar, Managing Partner, EDU Energy, Singapore, (ii) Dr.K.S.Reddy, Professor, Department of ME, IIT, Madras, (iii) Deepak Gadhia, Chairman, Solar Thermal, Sunrise CSP India Pvt. Ltd., (iv) Dr.Dharm Pal, Assistant Professor, Department of Chemical Engineering, NIT, Raipur.
2. Dr.P.Pavani, “Drug Engineering”, Dr.Dayaram Patel Pharmacy College, AICTE Training and Learning (ATAL) Academy, 23rd to 27th November 2020.
Resource Person(s): (i) Dr.Bhavin Vyas, HoD, Department of Pharmacology, Maliba Pharmacy College, Gujarat, (ii) Dr.Manmohana Singhal, Associate Professor, Department of Pharmacy, DIT University, Dehradun, Uttarakhand, (iii) Dr.Rahul Maheshwari, Associate Professor, School of Pharmacy & Technology Management, SVKM’s NMIMS, Hyderabad.
3. T.Krishna Sree, “Outcome Based Education; Importance of Outcomes, Assessment and Evaluation for Accreditation”, AICTE Margdarshan Scheme, Department of Computer Science and Engineering, VRSEC, 14th to 16th August 2020.
4. Dr.Shyam Sundar, “Stress Management”, ICT Academy Faculty Development Program, 8th to 12th December.
Resource Person: Utpal Talukdar, ICT Academy.
5. A.Satya Phani Kumari, “Research for faculty and research scholars”, Department of English and other Foreign Languages, SRM Institute of Science and Technology, Chennai, 3rd and 4th December 2020.
Resource Person: Dr.B.Ramamurthy, Formerly Dean, Science and Humanities, Sastra University.
6. M.Anupama Ammulu, “Machine Learning Models for Disease Diagnosis: A Practical Approach”, Department of Computer Science and Engineering, National Institute of Technology, Warangal, 20th to 24th December 2020.

Resource Person(s): (i) Prof.N.V.Ramana Rao, Director, NITW, (ii) Dr.K,Illaiah, Assistant Professor, Department of CSE, NIT Goa, (iii) Dr.C.Ramalingaswamy, Assistant Professor, Department of CSE, NITW, (iv) Prof.G.Ramamurthy, Mahindra University, Hyderabad, (v) Dr.E.Damoder Reddy, Assistant Professor, Department of CSE, NIT Goa, (vi) Dr.K.Venkata Naresh Babu, Assistant Professor, Department of CSE, NIT Goa, (vii) Dr.M.Srinivas, Assistant Professor, Department of CSE, NIT Warangal.

(ii) Training Programs attended:

1. M.Prameela, V.Siva Naga Malleswari, G.Sreedevi, “Effective Engineering Teaching Practices”, PVPSIT, Kanuru & NITTTR, Chennai, 23rd to 28th November 2020.

Resource Person(s): (i) Dr.K.S.A. Dinesh Kumar, Assistant Professor, Department of Civil & Environmental Engineering, NITTTR, Chennai, (ii) Dr.P.Malliga, Associate Professor, Centre for Educational Media & Technology, NITTTR, Chennai, (iii) Dr.G.Janardhan, Associate Professor, Head I/C Centre for Environment Management, NITTTR, Chennai

2. A.Satya Phani Kumari, “Enhancing Research and Development through Project Based Learning to Achieve Outcome Based Education in Engineering”, Department of Mechanical Engineering, Sri Krishna College of Technology, Coimbatore, Tamilnadu, 7th to 12th December 2020.

Resource Person(s): (i) Dr. S. Bhaskar, Professor & Dean (R&D), TCE, Madurai, (ii) Dr. R. Senthil, Assoc. Professor, SRM Inst. of Science & Technology, Chennai, (iii) Dr. R. Ramanujam, Professor, Vellore Institute of Technology, Vellore. (iv) Dr. Kapil Kadam, Educational Consultant, Offered MOOC courses on IITBombayX Platform), (v) Dr. Bala Ramadurai, Adjunct Professor, Symbiosis Institute of Business Management, Pune, (vi) Dr. V. Arul Mozhi Selvan, Associate Professor, NIT Trichy, (vii) Dr. Manoj Kumar Mondal, Asst.Professor, IIT Kharagpur, (viii) Dr. T. Ravichandran, Professor, IIT Kanpur, (ix) Dr. R. Ramanathan, Amrita Vishwa Vidyapeetham, CBE, (x) Dr Shyamal Kumar Das Mandal, Asst. Prof, IIT Kharagpur.

(iii) Workshops attended:

1. T.Krishna Sree, “An Introductory Workshop on Virtual Physics Lab”, Department of Physics, The National Institute of Engineering, Mysuru, 8th December 2020.

Resource Person: Dr.Kumaraswamy G.N., Associate Professor, Amrita Vishwa Vidyapeetham, Bengaluru.

(iv) Conferences (International) attended:

1. T.Krishna Sree, “Application of Fiber-Optic Sensors & PDMS Materials for Enhanced Performance”, International Virtual Conference on Bridging Innovative Trends in Mathematics, Engineering & Technology (BITMET’20)”,

Department of Mathematics, Bannari Amman Institute of Technology, Satyamangalam, Tamilnadu, 18th to 19th December 2020.

2. V.Siva Naga Malleswari, V.Amarendra Babu, “Some types of sets in intuitionistic fuzzy soft sets”, International Virtual Conference on Bridging Innovative Trends in Mathematics, Engineering & Technology (BITMET’20)”, Department of Mathematics, Bannari Amman Institute of Technology, Satyamangalam, Tamilnadu, 18th to 19th December 2020.
3. G.Sreedevi, Sandhya Cole, “Influence of Mno Ions on the Structural and Optical Properties of TiO₂ Nano Powders”, International Virtual Conference on Bridging Innovative Trends in Mathematics, Engineering & Technology (BITMET’20)”, Department of Mathematics, Bannari Amman Institute of Technology, Satyamangalam, Tamilnadu, 18th to 19th December 2020.
4. T.Pullarao, G.Nagaraju, “Synthesis and Electrical Properties of Piezoelectric Materials for Electromagnetic Applications”, International Virtual Conference on Bridging Innovative Trends in Mathematics, Engineering & Technology (BITMET’20)”, Department of Mathematics, Bannari Amman Institute of Technology, Satyamangalam, Tamilnadu, 18th to 19th December 2020.

(v) Conferences (National) attended: Nil

(vi) Seminars attended:

1. T.Krishna Sree, T.Preethi Rangamani, Ch.Murali Mohan, Dr.N.Usha Rani, G.Sreedevi, V.Siva Naga Malleswari, Dr.A.Purnachandra Rao, Dr.V.Sita Maha Lakshmi, Sk.Rehana, “Role and Significance of Patents in Academia”, IQAC & Department of CSE, V R Siddhartha Engineering College, Kanuru, Vijayawada, 5th December 2020.

Resource Person: Dr.Ruchi Sharma, Associate Professor, School of Humanities & Social Sciences, IIT, Indore.

(vii) Webinars attended:

1. Dr.A.Purnachandra Rao, “Developing self-access materials for your hybrid classroom”, Cambridge Assessment English, Cambridge, UK, 3rd December 2020.

Resource Person(s): (i) George Heritage, Assessment Services Manager, Spain and Portugal at Cambridge Assessment English (ii) Victoria Pena, Senior Assessment Services Administrator at Cambridge Assessment, Spain

2. P.Lakshmi Lavanya, “Emerging Trends in ELT: Curriculum Design and Assessment”, Department of English, St.Francis College for Women, American Corner, Hyderabad. 5th to 7th November 2020.

Resource Person(s): (i) Dr.K.Madhavi, Professor & HoD, Department of S&H, NIT, Warangal, (ii) Dr.K.Shema Jose, Assistant Professor, Department of Training & Development, EFL University, Hyderabad (iii) Mrs.Deepa Kiran, Founder, Story Acts Foundation, Hyderabad.

3. Dr.A.Purnachandra Rao, A.S.Phani Kumari, “Teaching Poetry Effectively”, English Language Teachers’ Association of India, 6th December 2020.
Resource Person: Dr.Parthasarathi Mishra, Faculty, Azim Premzi University, Bengaluru.
4. Dr.P.Pavani, S.Lakshmi Tulasi, “Art of Science in the Time of Virus and Beyond: The Brave New World”, SRM University, AP, 5th December 2020.
Resource Person: Prof.Ashutosh Sharma, Secretary, Department of Science and Technology, Govt. of India.
5. T.Krishna Sree, M.Rudrama Devi, Dr.V.Sita Maha Lakshmi, M.Anupama Ammulu, “Legal Awareness with Special Reference to Digital Etiquette”, Women cell, P.V.P.Siddhartha Institute of Technology in collaboration with P.B.Siddhartha College of Arts & Science, Vijayawada, 16th December 2020.
Resource Person: Rahamunnisa Begum, Advocate and Academician, Standing committee member, All India women’s conference, New Delhi.
6. M.Anupama Ammulu, “Air Pollution & Air Quality Management”, Environmental Science Forum in association with IQAC and Department of Sciences and Humanities, Vignan’s Foundation for Science Technology & Research, Vadlamudi, Guntur Dt., 2nd December 2020.
Resource Person: Dr.Y.Anjaneyulu, Professor and Director, Centre for Energy Studies, KL University, Vaddeswaram, Guntur Dt.
7. M.Anupama Ammulu, “Cancer Prevention and Healthy Life Style”, Sanjeevani Life Beyond Cancer, Mumbai and Department of Microbiology and Biotechnology, St.Thomas College, Bhilai, Chhattisgarh.
Resource Person: Ms.Sumki Beegum, Program Coordinator, Outreach and Counselor at Sanjeevani Life Beyond Cancer, University of Science and Technology, Meghalaya.

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

1. Dr.V.Seetha Maha Lakshmi, “Singing Popular Music”, an online non-credit course authorized by Berkeley College of Music and offered through Course Era, 20th November 2020, Grade achieved: 95.03.
2. Dr.R.Chudamani, “Laplace Transform”, 4 week course, NPTEL online certification with consolidated score of 90%, September – October 2020.
3. K.Kiran Kumar, “Laplace Transform”, 4 week course, NPTEL online certification with consolidated score of 86%, September – October 2020.

II. STUDENT ACTIVITIES: Nil

III. ANY OTHER INFORMATION:

(a) BOS Member

1. Dr.A.Purnachandra Rao participated in the BOS meeting scheduled on 14.12.2020 at Amrita Sai Institute of Science and Technology, Paritala, Krishna Dt.

2. Dr.A.Purnachandra Rao participated in the BOS meeting scheduled on 28.12.2020 at Sri Vasavi Engineering College, Tadepalligudem, West Godavari Dt.

(b) National Eligibility Test for Assistant Professor Qualified

1. Morla Krishna has qualified the UGC-NET for eligibility for Assistant Professor held on 1st October 2020 in the subject English. E-certification No.: JUN20U32417, NTA Ref. No.: 200510042829, Date of Issue: 10th December 2020, Total Percentile Score Obtained: 96.9325991.

(c) Resource Person

1. Dr.R.Chudamani, delivered a guest lecture on “Application of Group Theory” at V R Siddhartha Engineering College, Kanuru on the occasion of “National Mathematics Day” on 22.12.2020.