Prasad V Potluri
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(Sponsored by Siddhartha Academy of General & Technical Education, Vijayawada)

DEPARTMENT OF FRESHMAN ENGINEERING
MONTHLY REPORT December, 2023

FACULTY ACTIVITIES

a. **Publications in refereed Journals:**
SCI indexed:
SCIE indexed:
Scopus indexed:

1. Dr. R.Chudamani published a research paper titled, "Representation of ABA's by Section of Sheaves", International journal of Analysis and Applications', Vol. 21, 2023, ISSN- 2291-8639, 105 -114. Indexed in Scopus.
2. Dr. Franciskus Antonius, Purnachandra Rao Alapati, Mahyudin Ritonga, Dr. Indrajit Patra, Yousef A. Baker El-Ebiary, Myagmarsuren Orosoo, Manikandan Rengarajan published a paper titled, "Incorporating Natural Language Processing into Virtual Assistants: An Intelligent Assessment Strategy for Enhancing Language Comprehension" (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 14, No. 10, 2023. pp. 741 – 753. (SCOPUS)
3. Joyanta Sarkar, Anil Rai, Kayala Kiran Kumar, Venkata Nagaraju Thatha, Sowmiya Manisekaran, Sayantan Mandal, Joy Lal Sarkar and Sudeshna Das published a paper titled,"Folk Music Recommendation Using NSGA-II Optimization Algorithm" Journal of Computer Science Volume 19 No. 12, 2023, 1541-1548. (Indexed in SCOPUS)
4. Rajesh Varma Bhupatiraju , B Srinivasa Kumar, Pavani Peddi and Venkata Swamy Tangeti, published a paper titled, " An effective HPLC method for evaluation of process related impurities of Letermovir and LC-MS/MS characterization of forced degradation compounds" Journal of Chemical Metrology. Volume 17:2 (2023) pg.no: 181-198, December 14, 2023 (Indexed in SCOPUS).
   DOI:http://doi.org/10.25135/jcm.98.2311.2975

ESCI Indexed & **UGC-CARE: Others**:

b) Patents:
c) Projects:
d) Books/ Book chapters:
  Others:

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

FDP attended:

1. Dr A Purnachandra Rao attended a three-day Faculty Development Programme on "Artificial Intelligence in Teaching and Learning the English Language" from 14-12-2023 to 16-12-2023 organized by Anna University, Chennai (**NIRF:14**) and Sri S. Ramasamy Naidu Memorial College, Sattur. *Resource Persons*: Dr. V. Rajasekaran, Associate Professor, Vellore Institute of Technology, Chennai, Tamil Nadu; Dr. Chitrakala Anna University Chennai; Dr. M. S. Xavier Pradeep Singh, Assistant Professor, St. Joseph's College Tiruchirapalli; Girish Nath Jha Professor, Computational Linguistics, JNU, Ministry of Education, Govt of India; Dr. Dilip P. Barad, Professor, Maharaja Krishnakumarsinhji University; Dr. A. Shahina, Professor and Head Sri Siva Subramaniya Nadar College of Engineering, Chennai; Dr. Shobha K. N. Associate Professor, NITTTR, Chennai.

Others:

2. Mr. K. Kiran Kumar, and A.Chandra Sekhara Babu attended A Five Day International Faculty Development Programme(FDP) on "Applications of Mathematics in Various Fields with Innovative Approaches" from 21st to 25th November, 2023 through On-Line mode conducted by Department of Mathematics, Bapatla Engineering College, Bapatla.
   Resource Persons:
   Dr. N. Sudhakar, Professor, BEC
   Dr. N. Bhaskar Bapuji Professor, Anna University
   Dr. P. Anuradha Kameswari, Professor, Andhra University
   Dr. Koti N.V.V. Vara Prasad,Assistant Professor, Excel Centre, North Carolina, USA
   Guru Ghasidas Vishwavidyalaya (A central University), Bilaspur
   Dr. N. Phani Kumar, Professor, VIT, HYD
   Dr. D. Pratap, Associate Professor, CMRIT, Bangalore

3. Dr. R. Chudamani has attended a one-week national level Online Faculty Development Program on "Outcome Based Education and Essential AI Tools for Teachers", organized by the Internal Quality Assurance Cell (IQAC) of Ramakrishna Mission Vivekananda Centenary College (Autonomous), Rahara, Kolkata in association with The Department of Mathematics, Chaudhary Charan Singh University, Meerut and Co-hosted by IPSR solutions limited from 14 December 2023 to 20 December 2023.
   Resource Persons:
   Dr. Mendus Jacob, Professor, Marion College, Kuttikkannam
   Dr. Sunil Jacob, Professor, Marion College, Kuttikkannam
   Dr.Suresh Namboothiri, Former COO, TATA motors

Training Programs attended: NIL

Workshops attended: NIL

Conferences/Seminars paper presented: NIL

Seminars Attended: NIL

Webinars Attended: NIL

Guest lectures attended: NIL
f) Organized FDP/ Career Development/ Training/ Workshops/ Conferences/ Seminars/ Webinar etc

  FDP: Nil

  Career Development: NIL
  Training programs: NIL
  Guest lecture organized: NIL

  1. A Guest Lecture was organized to all the I B. Tech. Students on "Current Trends in Advanced Functional Materials for the computational and Sensor Applications towards the Modern Society" by the Faculty of Physics on 23.12.2023.
     Resource Person: Dr. S. Suresh, Associate Professor, Dept. of Physics, Dayanand Sagar University, Bangalore.
  2. A Guest Lecture was organized to all the I B. Tech. Students on "Fascinating world of Mathematics and its real world applications" by the Faculty of Mathematics on 22.12.2023.
     Resource Person: Dr. G. Radha Krishnamacharya, Professor (Retd), Department of Mathematics, NIT Warangal.

Workshops:
 Conferences:

Seminars:

  Wings Talk Series: 3
  A one day seminar was organized for the I B. Tech. Mechanical students on **" Recent Trends in Mechanical Engineering"** for their career prospects on 8.12.2023.
  Resource Person: K. Sai Dikshit
                Graduate Engineer Trainee
                JSW, Jindal South West.

  Wings Talk: 4
   A one day seminar is organized for the I B. Tech. Civil students on "Career Prospects" to create awareness among young-students about the **"Scope of Civil Engineering"** after the completion of their Graduation on 23.12.2023.
  Resource Persons:
  1. Shanmukh - Project Engineer, Studio Chintala, Banglore.
  2. Spandana- App Development Associative, Accenture, Hyderabad.
  3. Manikanta Reddy- App Development Associative, Accenture, Nagpur.

 Webinar: NIL
 Others: NIL

g) Papers presented in Seminars/ Conferences: NIL

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

STUDENT ACTIVITIES:

1. Echo club organized a contest titled 'Paint while you read!' to all B. Tech. students and MBA students. Total 90 students participated in the competition on 11-12-2023. Coordinator: P. Lakshmi Lavanya
   The winners of the Event are as follows:

S. No.	Name of the student	Branch/Sec	prize
1.	M. Sai Sri Veda	ECE - II	I
2.	B. Bhavana & A. Snehitha	III IT - S1	II
3.	AD. Zaheda & Ch. Chaitra	CSE - I	III
4.	V. Kalyan Sai Ram & M. Durga Prasad	CSE - II	Consolation

2. On account of National Mathematics Day on 22-12-23, Mathematics week was celebrated from 18-12-23 to 23-12-23. The following events were conducted for all B. Tech & M. B. A

S. No.	Event	Co-ordinators	Prize Winners
1.	Poster presentation	Dr. M. Prammela Dr. V. Sita Maha Lakshmi	**I Prize**: 1. V. Priya Mythili (CSM) 2. Syed Ishrath Suhana (CSM)
			II Prize: 1. A. Varshini (CSM) 2. P. Mounika (CSM)
			III Prize: Y. Suma Harshitha (DS)
2.	Models	Dr. M. Prammela Dr. V. Sita Maha Lakshmi	D. Bhagyavathi (ECE-I)
3.	Essay writing	Dr. .P. Padmaja Mr. G. Kiran kumar	**I Prize:** Ch. Durga Meenakshi (CSM)
			II Prize: Ch. Devi (CSM)
			III Prize: Md. Shaiste Shouker (IT-2)
			Consolation: G. Manasa (CSE)
4.	Elocution	Mr. K. Kiran Kumar Mr. A. C. S. Babu Dr. V. S. N. Malleswari	**I Prize:** Y. Suma Harshitha (DS)
			II Prize: Ch. Devi (CSM)
			III Prize: P. V. R. B. Chinmayee (CSM)

5.	Quiz	Mr. K. Kiran Kumar Mr. A. C. S. Babu Dr. V. S. N. Malleswari	**Consolation:** Vinay Kumar (ME)
			I Prize: 1. N. Teresa (ECE-2) 2. V. Bindu (ECE-2) 3. T. Rithvika (ECE-2)
			II Prize: 1. P. Dinesh (IT-2) 2. R. Hemanth (IT-2) 3. D. Naga Mallesh (IT-2)
			III Prize: 1. T. Reshini Ahla (CSE-3) 2. Sk. Karishma (CSE-3) 3. S. Poojitha (CSE-3)

3. Freshman Engineering Dept. in collaboration with IQAC conducted a Certification Course on Programming for problem solving using 'C' for all I B. Tech. students from 09-12-23 to 11-12-23 and from 02-01-2024 to 04-01-2024. Experts from BYTS have trained the students.

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