



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 April, 2024

FACULTY ACTIVITIES

a. Publications in refereed Journals:

SCI indexed:

1. Dr. M. Prameela published a paper on Exponential Space-Dependent Heat Generation on powell-Eyring Nano-liquid under Nonlinear Thermal Radiation. Indian Journal of Physics, ISSN: 0973-1458, volume:97, issue:8, page Nos:2461-2473
2. Dr. Kavuri K. S. V. A. Satheesh, Mrs. T. Krishna Sree published a paper “Enhancing Security Using Secure Authentication Model in Fog Computing Model” in Wireless Personal Communications, an international journal of Springer. EISSN:1572-834X, Volume 130, Issue 02, Pages: 909-933.

SCIE indexed:

Scopus indexed:

1. K. Kiran Kumar published a paper " Optimizing IoT Data Aggregation: Hybrid Firefly-Artificial Bee Colony Algorithm for Enhanced Efficiency in Agriculture " in AGRIS on-line Papers in Economics and Informatics, Vol. 16, No. 1, pp. 117-130. ISSN 1804-1930.
2. Dr. N. Usha Rani, Dr. P. Pavani, Dr. S. Lakshmi Tulasi published a paper titled “Isotherm and Kinetic Studies on Adsorption of Yellow Azo Dyes (Sunset Yellow, Tartrazine) using Kigelia Africana (Lam.) Benth., Leaf Extract Mediated Iron Nanoparticles” in Toxicology International, volume 31 issue 1 page no:19-32
3. Dr. N. Usha rani published a paper titled “Anticancer Potential of Gold doped ZnO Nanoparticles Fabricated using Root Extract of Kigelia Africana (Lam.) Benth. against Lung (A549), Melanoma (A375) and Epidermoid (A431) Cancer Cells” Asian journal of chemistry volume 36 issue-3 page no:586-592.

ESCI indexed & UGC-CARE:

Others:

b) Patents:

c) Projects:

d) Books/ Book chapters:

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

Others

1. Mrs. P. Lakshmi Lavanya and Dr. Sk .Rehena participated in Seven Days short term training program on "Recent trends in Information Technology" organized by Department of Information technology, PVPSIT, 1.04.2024 to 6.04.2024.

Resource persons:

1. Prof. E. Suresh Babu, NIT Warangal.
 2. Dr. Somaraju, NIT Patna.
 3. K. Naga Yogitha, Syphonize, Enterprise solutions.
2. Mrs. P. Lakshmi Lavanya and Dr. Sk. Rehena participated in a one-week International Workshop on "Crafting Knowledge: A Comprehensive Guidance on Research Design and Academic Writing for Humanities and Social Sciences" held at SR University, Warangal, Telangana from 18 March 2024 to 24 March 2024.

Resource Persons:

1. Dr.KapilIrwantrao Sagrolikar, Professor, Institute Of Chemical Technology, Marathwada Campus Jalna.
 2. Dr.Zareena, Assoc.Professor, Sr University
 3. Dr. Suraj, Asst.Professor, Sr University.
3. Dr. Sk. Rehena and Mrs. P. Lakshmi Lavanya completed a 5 days faculty development program "ELT - Innovative Approaches and Methods" during the tenure of 18-04-2024 to 23-04-2024 organized by FED, Department of English & Humanities, ANITS, Visakhapatnam.

Resource Persons:

1. Dr. A. Satya Phani Kumari, HoD, Dept. of English and Humanities, ANITS.
2. Dr. Sudha Singh, Dept. of English and Humanities, ANITS.
3. Dr. P. Suresh Kumar, Dept. of English and Humanities, ANITS.

Training Programs attended:

Workshops attended:

Conferences/Seminars Attended:

Webinars Attended:

Guest lectures attended:

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

Career Development:

Training programs:

Guest lecture organized:

Workshop organized:

1. A Ten Day workshop on Student innovation and Entrepreneurship was organized for I B. Tech. students from 17-4-24 to 26-4-24.
A total of 66 Students participated in the workshop.

Resource Person: Mrs. Kishna Sowjanya, Founder
Businest Consulting and Training
Rajahmundry

Seminars Organized:

Wings: Talk-8- A one Day seminar “**Ideation- An Insight Emporium**” is organized to the registered students of I B. Tech. Students to create awareness on the Innovative Skills in Entrepreneurship on 24. 04. 24.

Resource Person: Santosh Chaluvadi, CEO Supraja Technologies,
Cyber security & Digital Marketing Services Organization

Webinar:

Innovation and Entrepreneurship event:

“AVINYA IMPRENDITORI -2K24” a Two - Day Innovation and Entrepreneurship event was organized exclusively by I B. Tech. students on 24-05-24 & 25-05-24.

Student Co-ordinators:

- 1) J. Viswa Tej
- 2) P. Prasanna Kumar
- 3) A. Lakshmi Vara Priya
- 4) V. Kalyan Sai Ram
- 5) V. Nikhil
- 6) Ch. Jaswanth
- 7) K. Nikitha
- 8) S. Saranya

Others:

g) Papers presented in Seminars / Conferences:

Others:

Mr. P Ramakoteswara Rao presented a paper in a two- days International conference on computational innovations and emerging trends (ICCIET-24K) “In prediction of physico - chemical characteristics of Ground water machine learning model “during 4th-5th April,2024 Organized by BVCE. College, Odalarevu, AP-INDIA.

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

1. Mrs. P. Lakshmi Lavanya successfully completed and received a passing grade in IL5x: Leading With Effective Communication, a course of study offered by Catalyst X, an online learning initiative of Catalyst Inc.

2. Mrs. P. Lakshmi Lavanya and Dr. Sk. Rehena completed and approved MMSE01I.x Negotiation Skills and Effective Communication, a course of study offered by Tecde Monterrey X, an online learning initiative of Tecnológico de Monterrey through edX.

3. Dr. Shaik Rehena successfully completed and received a passing grade in Career Development 2x: Communication and Teamwork a course of study offered by Fullbridge X, an online learning initiative of Fullbridge through edX.

4. Pavani Peddi successfully completed "The Science of Well-Being" course offered by Yale University through Coursera, achieving a grade of 88.23%. The course was instructed by Professor Laurie Santos.

STUDENT ACTIVITIES:

1. The Faculty of English's Echo Club hosted a contest named "Reciting Shakespeare's Sonnets" on April 23, 2024, in celebration of Shakespeare's birthday.

Faculty - Coordinator: Mrs. P. Lakshmi Lavanya

List of Prize winners:

Sl. No.	Student name	Regd. No.	Branch	Prize
1.	V. Shalini	23501A4264	CSM	I
2.	T. Sai Sri	23501A4249	CSM	II
3.	K. Abhilasya	23501A4429	CSD	III
4.	M. Jagadeesh	23501A0243	EEE	Consolation

2. Dr. N. Usha Rani & Dr S. Lakshmi Tulasi organized North South foundation new scholarship distribution event for first and second B. Tech. students of (IT, CSE, CSD, AIML, ECE) total of 22 students got Rs. 25,000/- total amount of Rs. 5,50,000/- in PVPSIT on 30.4.2024.

3. ECHO CLUB, initiated by English dept., organised an activity titled 'Court Martial' on 04 - 04 - 24.

Coordinator: Dr. Shaik Rehena, Asst. Prof. of English, FED.

List of Prize winners:

1. J. Jagannadh Naga Sai Kumar CSE (AI& ML)- I PRIZE
2. Hemanth II CSE1- II PRIZE

4. College ISTE (Student chapter) conducted an activity titled "Extempore" for Ist year B. Tech. (ISTE) students on 26-4-2024.

Prize Winners:

S. No.	Name of the student	Branch	Position
1	K. Nikitha	CSD	I Prize
2	G. Manasa	CSE	II Prize
3	P. Lakshmi Manasa	CSM	III Prize

4	Ch. Devi	CSM	Consolation prize
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5. I-B. Tech. students participated in A Ten Day workshop on Student innovation and Entrepreneurship from 17-4-24 to 26-4-24. As a part of this workshop students organized “AVINYA IMPRENDITORI” a Two - Day Innovation and Entrepreneurship event.

Faculty Co-ordinators: Mr. P. Ramakoteswara Rao, Asst., Professor

Mr. T. Pullarao Asst., Professor

Organizer: Dr. M. Srilakshmi, Professor & HOD, FED

Student C-ordinators:

- 1) J. Viswa Tej
- 2) P. Prasanna Kumar
- 3) A. Lakshmi Vara Priya
- 4) V. Kalyan Sai Ram
- 5) V. Nikhil
- 6) Ch. Jaswanth
- 7) K. Nikitha
- 8) S. Saranya

Events organized in “AVINYA IMPRENDITORI – 2K24”:

<p><u>Eco Savvy</u></p> <ol style="list-style-type: none"> 1) Sk. Riyaz Ali 2) P. Raja Rohini 3) V. Keerthana Rachel 4) Y. Siva Sai Swaroop 5) S. Sushanth Sourya 6) Sk. Neha sumaya 7) Dokala Sai Tejaswini 	<p><u>Eternal Pearls</u></p> <ol style="list-style-type: none"> 1) P. Arun Kumar 2) Ch. Bhavinash 3) V. Ridhima 4) P. Vineetha 5) N. Veda Varsitha 6) N. Sudha 7) P. Brunda Geethika 	<p><u>Kalamkari Kalalu</u></p> <ol style="list-style-type: none"> 1) P. Tautik Venkata Siva Sai Penumudi 2) M. Rishmitha 3) K. Yasaawini 4) D. Anand 5) M. Aasritha 6) M. Jagadeesh
<p><u>Fruity Fusion</u></p> <ol style="list-style-type: none"> 1) D. Reethu Sri 2) Y. Suma Harshitha 3) D. Vijay Kumar 4) K. Kiran Sai Raghava 5) S. Gowtham Sai 6) S. Sai Maitreyi 	<p><u>Juggling Challenge</u></p> <ol style="list-style-type: none"> 1) P. Bhanu Upendra Harsha Kumar 2) B. Tulasi Ram 3) P. Hanisha 4) S. Vani Vahnika 5) T. Sonika 6) S. Harini 	<p><u>Shark Tank</u></p> <ol style="list-style-type: none"> 1) M. Dakshayani 2) G.K.R.V. Koushik 3) K. Pravallika 4) L. Lakshmi poojitha 5) M. Sree Madhav 6) K. Vishnu Vardhan 7) K. Charishma
<p><u>Entrepreneurs walk and talk</u></p> <ol style="list-style-type: none"> 1) R. Charan 2) K. Pujitha 3) N. Sandeep Kumar Reddy 4) Ch. Devi 5) P. Lakshmi Manasa 	<p><u>Franchise Frenzy</u></p> <ol style="list-style-type: none"> 1) B. Nissita sree 2) P. Pavan kumar 3) B. Siva Sai Krishna 4) Ch. Sai Sumitha 5) M. Sindura Lakshmi 6) P.V.R.B. Chinmayee 7) T. Nikhil Veer 8) D. Vara Prasad 	<p><u>Glossy motif</u></p> <ol style="list-style-type: none"> 1) A. Meghana 2) Y. Gayathri 3) K. Chaitanya Sai 4) T. Jaya Krishna 5) P. Gurusai 6) K. Thilakavathi

Prize Winners of Various events in Avinya Imprenditori-2K24

Entrepreneurs gallery

1 st prize	2 nd prize	3 rd prize
Co-ordinators team: 1) J. Viswa Tej – 23501A0556 – CSE1 2) P. Prasanna kumar – 23501A0248 - EEE 3) A. Lakshmi vara priya – 23501A0465 – ECE 4) K. Nikitha – 23501A4418 – CSD 5) V. Kalyan sai ram – 23501A0353 – MECH 6) V. Nikhil – 23501A259 – EEE 7) Ch. Jaswanth – 23501A1223 – IT1 8) S. Saranya -23501A05G3 – CSE3	Eco-Savvy team: 1) Sk. Riyaaz Ali – 23501A4454 - CSD 2) P. Raja Rohini – 23501A4447 – CSD 3) V. Keerthana Rachel – 23501A0570 – CSE2 4) D. Sai Tejaswini – 23501A1236 – IT1 5) Y. Siva Sai Swaroop – 232501A05J5 – CSE3 6) S. Sushanth Sourya – 23501A05G6 – CSE3 7) Sk. Neha Sumaya – 23501A4252 - CSM	Kalamkari Kalalu team: 1) P. Tautik – 23501A4459 – CSD 2) M. Rishmitha – 23501A05B3 – CSE2 3) K. Yasaswini – 23501A0588 – CSE2 4) D. Anand – 23501A4412 – CSD 5) M. Aasritha – 23501A05C1 – CSE2 6) M. Jagadeesh – 23501A4433 – CSD

Eco-Savvy:

1 st prize	2 nd prize	3 rd prize
1) T. Sai Deepika - 23501A05H7 2) Y. Guna Varshini - 23501A05J1	1) B. Sowmya – 23501A0108 2) N. Vikasini – 23501A0238 3) B. Kalyan -23501A0106 4) P. Signan - 23501A0140	1) D. Bhagyavathi - 23501A0428 2) K. Sravya - 23501A0452

Juggling Challenge

1 st prize	2 nd prize	3 rd prize
1) Ruthvik – 23501A05F2 2) Rasool – 23501A05D8 3) Chaitanya – 23501A05E0 4) Sai Anish – 23501A05H0	1) Devesh – 23501A0409 2) Revanth – 23501A0464 3) Bhanu – 23501A0440 4) Akhil – 23501A0407	1) Somesh – 23501A05E1 2) Sree Harsha – 23501A05I5 3) Mallesh Varma – 23501A05J0 4) Shiva Ram – 23501A05E8
4 TH Prize	5 th prize	
1) Venu – 23501A4462 2) Tej Karthik – 23501A4440 3) Sonu – 23501A4434 4) Goutham – 23501A4241	1) Lalith – 23501A0554 2) Sai – 23501A0527 3) Vijay – 23501A0543 4) Akash – 23501A0552	

Shark Tank

1 st prize	2 nd prize	3 rd prize
1) K. Bharadwaj – 23501A0577 2) M. Podhanya Gupta – 23501A05A6	1) Ch. Devi – 23501A4215	1) M. Soma Shekhar – 23501A05A5 2) M. Jaya Sai Krishna – 23501A05B1

Entrepreneurs Walk and Talk

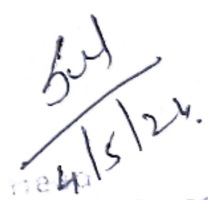
1 st prize	2 nd prize	3 rd prize
1) J. Viswa Tej – 23501A4421	1) V. Shalini – 23501A4264	1) B. Sneha – 23501A4213

Franchise Frenzy

1 st prize	2 nd prize	3 rd prize
1) N. Tej Karthik – 23501A4440 2) V. V. V. Datha Sai – 23501A4462 3) M. Sonu Srivasta Rahul – 23501A4434	1) A. D. S. S. Prabhath – 23501A4202 2) T. U. M. Krishna – 23501A4254 3) B. Likhith – 23501A4208	1) P. V. Karthik-23501A4244 2) J. Jagannadh-23501A4222 3) B. Anosh-23501A4210 4) P. Gowtam Ram Sai-23501A4241
Consolation prizes		
1) B. Sai kumar-23501A0105 2) G. Naveen-23501A0118 3) K. Satish-23501A0105 4) P. Siva-23501A1297 5) Razak-23501A0301 6) Aditya-23501A0326 7) Charith-23501A0333 8) Manoj-23501A0316		

ANY OTHER INFORMATION:

Mrs. P. Lakshmi Lavanya delivered a talk on Doris Lessing's "The Grass is Singing" during the Talk the Book event organized by the Andhra Pradesh State Council of Higher Education (APSCH) on April 26, 2024.


 4/5/24
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