



SRI DURGA MALLESWARA

**SIDDHARTHA MAHILA KALASALA**

An Autonomous College in the Jurisdiction of Krishna University

A College with Potential for Excellence

Sponsors: SIDDHARTHA ACADEMY OF GENERAL AND TECHNICAL EDUCATION



## SANKALP 2025

### International Conference

**Date:** 11<sup>th</sup> September, 2025 & 12<sup>th</sup> September, 2025

**Venue:** Webinar Hall

**Organizer:** Department of Computer Science

**Time:** 9.30 AM TO 4.30 PM

**Participants:** 81

### 1. INVITATION



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An IQAC Initiative

**DEPARTMENT OF COMPUTER SCIENCE**

Cordially invites you to the inaugural session of

# SANKALP 2025

An International Conference - Science, Technology and Management for Viksit Bharat

**On 11<sup>th</sup> & 12<sup>th</sup> September, 2025 at 9:30 AM in Webinar Hall**

*Welcome to the Guests*

 <p>Surya Prabha Vadamanu, Vice President, Enterprise AI Solutions and Cognitive Engineering at Centific Global Solutions Inc.</p>	 <p>Dr. Shikha Talluri, Founder and CEO of PURE TEDx Speaker, Fellow of Vedic Wellness University Saint Johns, Florida, United States</p>	 <p>Sowjanya Vaidanti Sr. Assistant Professor Department of Artificial Intelligence and Data Science Lakshmi Bai, Rocky College of Engineering, Mysururu</p>
 <p>Laxmi Sarat Chandra, Sr. Security Engineer   Cyber Security Engineer - Specialist Equifax, Financial Services Atlanta, GA</p>	 <p>Prasanthi Valluripalli, Senior Software Engineer, J.B. Hunt Transport Services, Inc. North America</p>	 <p>SANDEEP BELLIDHE DevOps Engineer @ at&amp;t Seattle, WA, USA</p>

**Smt. M. Praveena, Head**  
Department of Computer Science

**Dr. V. V. Subramanya Kumar**  
Principal

**2. Objective of the Program:** The program commenced with the inauguration of an ISBN book, marking a significant academic milestone that set an inspiring tone for the event. Following this, the primary objective of the program was to provide participants with an in-depth understanding of emerging technologies in Artificial Intelligence, Machine Learning, and Cybersecurity. The sessions aimed to bridge the gap between academic learning and industrial applications by inviting global experts to share their practical insights, real-world case studies, and current trends that shape the evolving technological landscape.

### **Description of the Programme:**

The Department of Computer Science, Sri Durga Malleswara Siddhartha Mahila Kalasala, organized SANKALP 2025 — An International Conference on Science, Technology and Management for Viksit Bharat on 11th and 12th September 2025.

The conference was graced by the presence of Sri. Chanumolu Krishna Rao garu, Vice President, Siddhartha Academy of General & Technical Education (SAGTE), Dr. V. V. Subramanya Kumar, Principal, Dr. Shyla Talluri, Founder and CEO of PURE, Florida, US. And Surya Prabha Vadlamani, Vice President, Enterprise AI Solutions and Cognitive Engineering Centific Global Solutions Inc. who inaugurated the event and addressed the gathering. Their motivational words emphasized the importance of interdisciplinary research and innovation for a technologically advanced India.

The two-day event featured eminent speakers from academia and industry, both from India and abroad, sharing their insights on Artificial Intelligence, Machine Learning, and Cybersecurity.

### **DAY-1**

The first day of the conference commenced with a **prayer song** followed by the **lighting of the lamp**, symbolizing knowledge and enlightenment. The event was graced by the presence of **Sri. Chanumolu Krishna Rao garu, Vice President, Siddhartha Academy of General & Technical Education (SAGTE)**, who addressed the gathering and encouraged the participants to utilize this opportunity to explore the advancements in technology. He also congratulated the **Department of Computer Science** for successfully organizing the international conference.

**Dr. V. V. Subramanya Kumar, Principal**, delivered an insightful address emphasizing the importance of the institution's initiative **SANKALP 2025**, highlighting how Artificial Intelligence is reshaping the modern world and encouraging faculty and students to adapt to these rapid technological changes for academic and research excellence.

**Dr. Shyla Talluri, Founder and CEO of PURE, Florida, USA**, inspired the audience with her motivational talk on the **role of women in technology and leadership**, urging women professionals and students to continue learning, innovating, and achieving new milestones in their respective fields.

The event was formally **inaugurated by Ms. Surya Prabha Vadlamani, Vice President, Enterprise AI Solutions and Cognitive Engineering, Centific Global Solutions Inc.**, who addressed the gathering and shared valuable insights on the growing importance of Artificial Intelligence and Cognitive Engineering in solving real-world challenges.

The session focused on the rapid advancements in AI infrastructure, including the role of high-performance GPUs, multi-agent systems, and the importance of context engineering over prompt engineering. She emphasized the need for engineers to acquire practical skills, utilize frameworks across industries, and develop GitHub repositories to showcase their projects.

Key Points:

- India's technological progress in AI hardware
- Agents and multi-agent systems
- Importance of context engineering
- Frameworks across industries
- Developing coding portfolios via GitHub and Kaggle

Afternoon Session:

Resource Person: Smt. Sowjanya Vuddanti, Sr. Assistant Professor, Dept. of AI & DS, Lakireddy Bali Reddy College of Engineering, Mylavaram.

She presented a comprehensive session on Machine Learning Predictive Algorithms—covering data collection, algorithm selection, types of learning, and model validation methods. Students also presented their projects, demonstrating applied knowledge.

Key Points:

- Data acquisition and preprocessing
- Supervised, unsupervised, and reinforcement learning
- Cost and objective functions
- Model representation and interpretability
- Cross-validation and predictive modelling

## DAY-2

The second day of the conference featured a series of **technical sessions** delivered by eminent resource persons from the field of **Cybersecurity**, followed by **student paper presentations**.

**Session 1:**

**Resource Person:** *Sri. Laxmi Surat Chandra Nunnaguppala, Senior Security Engineer and Cybersecurity Specialist, Irving, Texas, USA.*

He delivered an insightful session on *“Proactive Cyber Defense through SIEM: Bridging the Worlds of Security and Regulation.”* The session emphasized the importance of proactive approaches in cybersecurity, efficient monitoring mechanisms, and adherence to compliance measures. Participants gained a deeper understanding of how **Security Information and Event Management (SIEM)** tools can be leveraged to detect, prevent, and respond to cyber threats effectively.

**Session 2:**

**Resource Person:** *Smt. Prasanthi Vallurupalli, Cybersecurity Software Engineer, J.B. Hunt Transport Inc., Frisco, Texas, USA.*

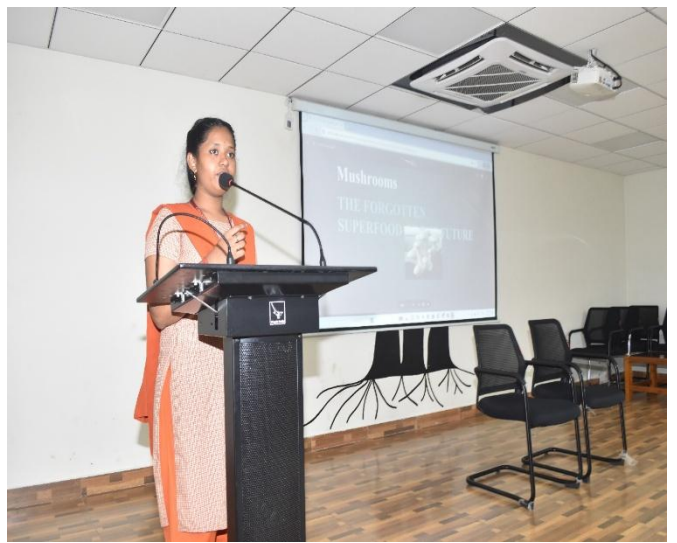
She presented an engaging session on *“Cybersecurity: Safeguarding the Digital World,”* focusing on the **CIA Triad (Confidentiality, Integrity, and Availability)**, various forms of **cyber threats, best practices, and current trends** in cybersecurity. The discussion provided valuable insights into mitigating risks at both personal and organizational levels, reinforcing the importance of digital safety in today's connected world.

Later, students presented their **research papers and project findings**, explaining their work with enthusiasm and confidence. Their presentations reflected a strong grasp of emerging technologies and demonstrated innovative thinking aligned with the conference theme.

### 3. Key Topics Covered:

- Artificial Intelligence and Multi-Agent Systems
- Context Engineering vs. Prompt Engineering
- Machine Learning Predictive Algorithms
- Types of Learning and Model Validation
- Proactive Cyber Defense through SIEM
- Cybersecurity Safeguarding the Digital World
- Emerging Cybersecurity Trends

### 4. Photos:



## 5. Outcome:

Participants gained valuable insights into real-world applications of AI, ML, and cybersecurity. The sessions enhanced their understanding of industry demands, encouraged research interests, and improved awareness of security frameworks and ethical practices in emerging technologies.

## 6. No. Of Participants: 81

## 7. List of Participants:

SRI DURGA MALLESWARA SIDDHARTHA MAHILA KALASALA An Autonomous College in the Jurisdiction of Kerala University A College with Potential for Excellence Sponsored: SIDDHARTHA ACADEMY OF GENERAL AND TECHNICAL EDUCATION					
DEPARTMENT OF COMPUTER SCIENCE					
SANKALP 2025 ATTENDANCE SHEET					
S.No	Full Name (As per Certificate)	Class	Phone Number	11/9/2025	
				FORENOON	AFTERNOON
1	BOLAGANI SINDHU	II Data Science	6309460304	B.Sindhu	B.Sindhu
2	BANAVATH MOHITHA	II Mathematics	9032534875	B.Mohitha	B.Mohitha
3	SRIRAMAKAVACHAM HARI PRIYA	II Data Science	7013933861	S.Haripriya	S.Haripriya
4	BOMMIDI RISHITHA	II Data Science	9052938009	B.Rishitha	B.Rishitha
5	GOLLERU DEEPIKA	II Data Science	9866815699	G.Deepika	G.Deepika
6	CHENNAMSETTI RAMYA SRI	II Data Science	6281525253	Ch.Ramya Sri	Ch.Ramya Sri
7	ANDOL PRERANA	II Mathematics	7993137164	A.Prerana	A.Prerana
8	MAJIL PURNIMA	II Data Science	955015206	M.Purnima	M.Purnima
9	ALLADA ANJALI	II Data Science	7013839108	A.Anjali	A.Anjali
10	KOMMURI PRANITHA	II Data Science	812510322	Pranitha	K.Pranitha
11	KARNATHI HONEY	II Data Science	9390022854	K.Honey	K.Honey
12	CHOKKARA LAKSHMI PRASANNA	II Data Science	9666808981	Ch.L.Prasanna	Ch.L.Prasanna
13	KAMABALA LAKSHMI PARVATHI	II Data Science	8125828259	K.Lakshmi Parvathi	K.Lakshmi Parvathi

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S.No	Full Name (As per Certificate)	Class	Phone Number	11/9/2025	
				FORENOON	AFTERNOON
14	KOYYA ANUSHA	III BCA	912260632	A.Anusha	A.Anusha
15	GUDIBANDI SRI KEERTHI	III BCA	90743571459	G.Sri Keerthi	G.Sri Keerthi
16	POTHURAJU JEVESWARI	III BCA	9392026305	J.Jeveswari	J.Jeveswari
17	VELAGAPUDI SHRAVYA	III BCA	8555895012	V.Shravya	V.Shravya
18	GORLE VISHALAKSHI	III BCA	9966383634	G.Vishalakshi	G.Vishalakshi
19	ALLAMPALLI CHANDANA	III BCA	8985369445	A.Chandana	A.Chandana
20	I.JOSHNA	II AI	9493507720	I.Joshna	I.Joshna
21	MD.GOUSIA BEGUM	II BCA	901090686	Md.Gousia Begum	Md.Gousia Begum
22	MOHAMMAD YASMEEN	II BCA	8688873719	M.Yasmeen	M.Yasmeen
23	AERPULA HASINI	II BCA	9089275595	A.Hasini	A.Hasini
24	MARAM AMRUTHA VARSHINI	II BCA	8341302118	M.Amrutha Varshini	M.Amrutha Varshini
25	KAGITALA INDU	II BCA	7989648975	K.Indu	K.Indu
26	NARU GURULAKSHMI	II BCA	8309586157	N.Gurukulakshmi	N.Gurukulakshmi
27	NEPPALLI JAHNAVI	II BCA	9653785077	N.Jahnavi	N.Jahnavi
28	BORADA DIMPLE	II BCA	7288089262	B.Dimple	B.Dimple
29	MARUPILLA PRASANNA KUMARI	II BCA	9059440932	M.Prasanna Kumari	M.Prasanna Kumari

DEPARTMENT OF COMPUTER SCIENCE					
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S.No	Full Name (As per Certificate)	Class	Phone Number	11/9/2025	
				FORENOON	AFTERNOON
30	MUDIYAM TEJASWINI	II Data Science	9704436287	M.Tejaswini	M.Tejaswini
31	BATTULA VENKATA PRASANNA LAKSHMI	II Data Science	9014712968	B.V.Prasanna Lakshmi	B.V.Prasanna Lakshmi
32	GUNDU ROHINI SARALA	III BCA	90112761371	G.Rohini Sarala	G.Rohini Sarala
33	G. MADHU SREE	III BSC.CSCS	9063226928	G.Modhusee	G.Modhusee
34	Y. MOUNIKA SAI	III BSC.CSCS	7095886789	Y.Mounika Sai	Y.Mounika Sai
35	P.DURGA PRASAD	II BSC. CSCS	9059726106	P.Durgabhusal	P.Durgabhusal

36 M. Naga Pujitha  
37 G. Manogna  
38 G. Mokshajna

III BCA 8978815412 Pujitha Pujitha  
III BSC.CSCS 8712125146 Y. Mouljee Y. Mouljee

*[Signature]*  
Signature of the Head of the Department

**SRI DURGA MAJUSWARA  
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S.No	Full Name (As per Certificate)	Designation	Phone Numbers	11/9/2025	
				FORENOON	AFTERNOON
1	M PRAVEENA	HOD, Dept. of Computer Science, SDMSMK	9700142649	P. Praveen	P. Praveen
2	M.DHARMA VARDHANI	Asst.Professor, Dept of Computer Science,SDMSMK	9498486295	P. Praveen	P. Praveen
3	B.KAVITHA	Asst.Professor, Dept of Computer Science,SDMSMK	7671045253	P. Praveen	P. Praveen
4	V SIVA KRISHNAVENI	Asst.Professor, Dept of Computer Science,SDMSMK	9295557778	P. Praveen	P. Praveen
5	BANDI KOMALI	Asst.Professor, Dept of Computer Science,SDMSMK	8374872818	P. Praveen	P. Praveen
6	HARIKA POTHINI	Asst.Professor, Dept of Computer Science,SDMSMK	9493243247	P. Praveen	P. Praveen
7	PILLA SRI BHARATHI	Asst.Professor, Dept of Computer Science,SDMSMK	9603904736	P. Praveen	P. Praveen
8	L.RAMYA	Lecturer, Dept of Computer Science, SDMSMK	9908034790	P. Praveen	P. Praveen
9	S.GOKILA	Lecturer, Dept of Computer Science, SDMSMK	9944130943	P. Praveen	P. Praveen
10	SK. NAGEENA	Lecturer, Dept of Computer Science, SDMSMK	7981828262	P. Praveen	P. Praveen
11	SOWJANYA DONTAM	Lecturer, Dept of Computer Science, SDMSMK	9494921136	P. Praveen	P. Praveen

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				FORENOON	AFTERNOON
12	G.HARSHA NANDINI	Lecturer, Dept of Computer Science, SDMSMK	9391276277	P. Praveen	P. Praveen
13	P.NAGA SRI ABHINAYA	Lecturer, Dept of Computer Science, SDMSMK	7075802674	P. Praveen	P. Praveen
14	MORLA AMRUTHA	Lecturer, Dept of Computer Science, SDMSMK	8885875526	P. Praveen	P. Praveen
15	SWETHA MENDAM	Lecturer, Dept of Computer Science, SDMSMK	9100699676	P. Praveen	P. Praveen
16	BANDLA SARJITHA	Lecturer, Dept of Computer Science, SDMSMK	897776811	P. Praveen	P. Praveen
17	DR. SUHASINI ALLADA	HOD, Dept. of Statistics, SDMSMK	9885745521	P. Praveen	P. Praveen
18	PAGOLU MAHESWARI	Lecturer, Dept of Statistics, SDMSMK	8897074689	P. Praveen	P. Praveen
19	K.RAMYA SREE	Lecturer, Dept of Statistics, SDMSMK	9160766265	P. Praveen	P. Praveen
20	BHIMAVARAPU HARITHA	Lecturer, Dept of Statistics, SDMSMK	9133618217	P. Praveen	P. Praveen
21	BITRA KIRANMAYI	Lecturer, Dept of Mathematics, SDMSMK	7893222397	P. Praveen	P. Praveen
22	PARASMAI KANTI JASTI	HOD, Dept. of Electronics, SDMSMK	9347823475	P. Praveen	P. Praveen
23	DR. V. SANDHYA LAKSHMI	HOD, Dept. of Commerce & Management, SDMSMK	9963949866	P. Praveen	P. Praveen
24	T.NAGARANI	Asst.Professor, Dept of Commerce & Management, SDMSMK	9908569619	P. Praveen	P. Praveen

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				FORENOON	AFTERNOON
25	G.RENUKA BAI	Asst.Professor, Dept of Commerce & Management, SDMSMK	9703839116	P. Praveen	P. Praveen
26	P.VANITHA	Asst.Professor, Dept of Commerce & Management, SDMSMK	8978766123	P. Praveen	P. Praveen
27	CH.LAVANYA	Asst.Professor, Dept of Commerce & Management, SDMSMK	7396735349	P. Praveen	P. Praveen
28	CH.MANJUSHA	Lecturer, Dept of Commerce & Management, SDMSMK	9550203509	P. Praveen	P. Praveen
29	MRS. P. BHAGYA LAKSHMI	Lecturer, Dept of Commerce & Management, SDMSMK	9700602666	P. Praveen	P. Praveen
30	MRS. KALPANA BODDU	Asst.Professor, Dept of Commerce & Management, SDMSMK	7842669134	P. Praveen	P. Praveen
31	DR.A.PALLAVI	Asst.Professor, Dept of BioChemistry, SDMSMK	7780754355	P. Praveen	P. Praveen
32	A. ANNAPURNA	Asst.Professor, Dept of Food Science & Technology, SDMSMK	9490716892	P. Praveen	P. Praveen
33	V. JHANSI LAKSHMI	Assistant Professor, Dept of Computer Science, P.B. Siddhartha College of Arts & Science	9246418242	P. Praveen	P. Praveen
34	K.VANI	Assistant Professor, Dept. of Computer Science, P.B. Siddhartha College of Arts & Science	6305187790	P. Praveen	P. Praveen

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35	M.MINDRANI	Assistant Professor, Dept. of Computer Science, P.B. Siddhartha College of Arts & Science	7337295853	P. Praveen	P. Praveen
36	CH. KAVYA	Lecturer, Dept of Computer Science, P.B. Siddhartha College of Arts & Science	7995247084	P. Praveen	P. Praveen
37	R.GOPI	Lecturer, Dept of Computer Science, P.B. Siddhartha College of Arts & Science	9989705675	P. Praveen	P. Praveen
38	M.VIITHA	Lecturer, Dept. of Computer Science, P.B. Siddhartha College of Arts & Science	991325426	P. Praveen	P. Praveen
39	B. Mounica	Lecturer, dept of Commerce & Management	7984981328	P. Praveen	P. Praveen
40	Sk. Parveen	Lecturer, Dept of Computer Science, P.B.Siddhartha College	8790150454	P. Praveen	P. Praveen

Signature of the Head of the Department

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				FORENOON	AFTERNOON
41	D.ARUNA	HOD, Dept. of Economics, SDMSMK	9441744973	P. Praveen	P. Praveen
42	G.PADMAJA	HOD, Dept. of Politics, SDMSMK	9502549771	P. Praveen	P. Praveen
43	P.RATNA SREE .P	Asst.Professor, Dept of English, SDMSMK	9418834760	P. Praveen	P. Praveen
44	K. Ravi Shankar	Asst. Prof., Dept of Computer Science, P.B. Siddhartha	977684011	P. Praveen	P. Praveen

Signature of the Head of the Department

**8. Areas for Improvement:**

- More interactive Q&A sessions to enhance student engagement
- Hands-on workshops or demonstrations on AI/ML tools
- Extended duration for practical implementation sessions

**9. Feedback Summary:**

The overall feedback from participants was highly positive. Faculty and students from various institutions appreciated the clarity of presentations, the relevance of topics, and the opportunity to interact with international experts. They expressed a desire for more similar technical programs integrating both theoretical and practical aspects.