Stanley College of Engineering and Technology for Women

(Autonomous)
(Affiliated to Osmania University)
(Accredited by NAAC with "A" Grade, Accredited by NBA)
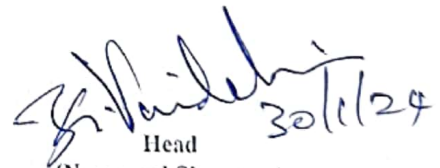ABIDS, HYDERABAD-500001

Internal Quality Assurance Cell

Date: 29/01/2024

Summary Report for R&D

Department of Artificial Intelligence & Data Science (AI&DS)

Dept. Coordinator
(Name and Signature)

Head 30/1/24
(Name and Signature)

1. Research Funding

Name of the Investigator	Title of the Project	Duration	Total Cost	Funding Agency	Dept	Status- Granted /Applied

2. PhD Supervision/Guidance

Name and Designation of Faculty	Major Areas of Research	Number of PhDs produced (in last 5 years)

3. Publications Journals - SCI/SCOPUS/UGC CARE/ Peer Review/ Web Of Science

S.No	Department	Author Name	Title of Paper	Name of the Journal	Volume	Page no.s	Year	SCI/SCOPUS/UGC/WoS/Peer Review
				2022-2023				
1	AI&DS	Sirisha, Nadia Anjum	Implementation of CNN & ANN for fashion MNIST dataset using different optimizers	Indian journal of science and technology	Volume: 15, Issue: 47	Pages: 2639-2645	2022	WOS
2	AI&DS	Dr. D. Shravani	Student performance prediction using machine learning	Industrial Engineering Journal			2023	UGC-Care
3	AI&DS	Dr. D. Shravani	Attendance management system	GIS Science journal	Volume 10, Issue:05	Page No: 1387-1405	2023	UGC-Care
4	AI&DS	Dr. D. Shravani	An artificial Intelligence(AI) enabled framework for cyber security using machine learning techniques	Industrial Engineering journal	Volume : 52, Issue 2, No. 1	ISSN: 0970-2555	2023	UGC-Care
5	AI&DS	Dr. D. Shravani	Machine Learning framework for automatic classification of text documents	GIS Science journal		ISSN NO : 1869-9391	2023	UGC-Care
6	AI&DS	Dr. D. Shravani	Research Methodology on A Machine Learning Framework and Algorithms for Automatic Detection of Malware	ACTA scientific computer sciences (Scopus)	Volume 4 Issue 12	62-66	2022	Scopus
7	AI&DS	Dr. A. Mythreye	Chemical Reaction Effects on MHD Free Convection Heat and Mass Transfer Flow Through a Porous Medium Bounded by Two Vertical Walls in The Presence Of Radiation	A Journal for New Zealand Herpetology	Volume 12		January 2023	
8	AI&DS	Dr. A.	Effects of Chemical Reaction on an Unsteady	European Modern	Volume 6		March,	

		Mythreye	MHD Free Convection Flow Past a Semi-infinite Vertical Permeable Moving Plate embedded in a Porous Medium with Viscous Dissipation and Thermal Radiation	Studies Journal, Vol 6, Num 5, 2022			2023	
9	AI&DS	Dr. A. Mythreye	Chemical Reaction On Soret Effects On Unsteady Mhd Free Convective Flow Past Vertical Porous Plate Embedded In A Porous Medium With Variable Suction	European Modern Studies Journal, Vol 6, Num 6, 2022	Volume 6		Dec,20 22	
				2021-2022				
1.	AI&DS	Nadia Anjum	A Comparative Study on Classification Algorithms Using Different Feature Extraction And Vectorization Techniques	Turkish Online Journal of Qualitative Inquiry	Volume 12, Issue 7	8216-8225	July 2021	Scopus
2.	AI&DS	Nadia Anjum	A comparative Study on Classification Algorithms	Turkish Online Journal of Qualitative Inquiry	Vol. 12 No. 6		July 2021	Scopus

4. National Conference Publications

S.No	Department	Author Name	Title of Paper	Name of the Conference	Volume	Page no.s	Year

5. International Conference Publications

S.No	Department	Author Name	Title of Paper	Name of the Conference	Volume	Page no.s	Year
				2022-2023			
1.	AI&DS	Dr. D. Shravani	Deep Learning for Classification of Salient Object Classification in Unmanned Crime Spot	2023 Second International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT)		1-6	2023
2.	AI&DS	Dr. D. Shravani	A Machine Learning Framework for Automatic Detection of Malware	International Conference on Advancements in Smart Computing and Information Security	volume 1760	83-95	2022
				2021-2022-NA			

6. List of scientific/ technical Books written by Faculty Members in the College.

S.No	Dept.	Author Name	Title of the Book	Name of the Publisher	Volume	Page no.s	Year	International/National

7. Consultancy Projects

Name of the Investigator	Title of the Project	Duration	Total Cost	Funding Agency	Dept	Status- Granted /Applied

8. List of patents filed/granted Department wise

S.No	Dept	Name of the Inventor	Title of the Invention	Year	Granted/ Published
2022-2023					
1.	AI&DS	R.Sirisha	A system and method for a deep learning network for multi-label classification with partial annotations	2022 (11/11/2022)	Published
2.	AI&DS	Dr. D. Shravani, Sandhya Rani, Nadia Anjum	A Deep Learning Based Medical Information Extraction System Having Distributed Semantic Features And Method Thereof	2022	Published
2021-2022					
2.	AI&DS	Dr.D.Shravani	Design Patent	2022	Published