

Information for GPREC News Letter (July - December, 2022)

Details of Workshops/Conferences/FDP organized

1. Department of Emerging Technologies in Computer Science, G. Pulla Reddy Engineering College has organized a National Level One Week Online Faculty Development Program on “Amazon Web Services (AWS)” in association with Brain-O-Vision Solution India Pvt. Ltd in collaboration with AICTE, Ministry of Education, Govt. of India from 22.08.2022 to 27.08.2022. A total of "144" faculty members were participated in the FDP.
2. Department of ECS and CSE, G Pulla Reddy Engineering College has organized a one-day workshop on “Cyber Security” conducted by NIIT Foundations in association with CISCO on 30th September 2022.
3. Department of ECS, G Pulla Reddy Engineering College has organized a five-day online FDP on “ETL- Data Warehousing Tools” from 31st October to 4th November 2022.
4. Department of ECS, G. Pulla Reddy Engineering College has organized a 5-day online FDP on “Recent Trends in Computer Science” from 20th to 24th December 2022.

Workshops /Conferences /Seminars attended by faculty:

S. No	Names(s) of Faculties	Department	Workshop/Conference /Seminar attended	Held at	Period from - to
1	Dr R Praveen Sam	ECS	Two-week Online Refresher Course on “Internet of Things” organized by UGC	JNTUHRDC, Hyderabad from	22nd August to 5th September 2022.
2	Srikanth Kapse	ECS	successfully completed the course “Apache Maven	Infosys Springboard.	September 24 th , 2022
3	B.Varalakshmi	ECS	AR & VR	Sri GVG Visalkshi College for women	23 rd November 2022
		ECS	Python Programming	Arts& Science college	3 rd December
4	Dr.Y.Rama Mohan	ECS	Roadmap and Essentials of Data Science	GPREC, Kurnool	10 th September 2022
6	K.AshaRani	ECS	5G: A Catalyst for the Next Wave of Innovative & Digital Transformation	GPREC, Kurnool	9 th , November 2022

10		ECS	Roadmap and Essentials of Data Science	GPREC, kurnool	10 th September 2022
	P.Sunandha	ECS	Roadmap and Essentials of Data Science	GPREC, kurnool	10 th September 2022
		ECS	Designing Course Outcomes and Outcome-focused questions	Invodes Ed-Tech	4 th November
13		ECS	5G: A Catalyst for the Next Wave of Innovative & Digital Transformation	GPREC, Kurnool	9 th , November 2022
	B.Varalakshmi	ECS	5G: A Catalyst for the Next Wave of Innovative & Digital Transformation	GPREC, Kurnool	9 th , November 2022

FDP Attended by Faculty

S. No	Names(s) of Faculties	Department	Title of FDP	No. of days	Organized
1	Dr.Y.Rama Mohan	ECS	Amazon Web Services	6	GPREC, Kurnool
		ECS	ETL-Warehousing Tools	5	GPREC, Kurnool 1
		ECS	Cloud Computing and its applications	5	GPREC, Kurnool
2	K.AshaRani	ECS	Recent Trends in Artificial Intelligence and Cyber Security	5	GPREC, kurnool
		ECS	Amazon Web Services	6	GPREC, kurnool
		ECS	Python Programming and Its Applications	5	GPREC, kurnool
		ECS	ETL-Warehousing Tools	5	GPREC, Kurnool
3	V.Suresh	ECS	Amazon Web Services	6	GPREC, kurnool
		ECS	Python Programming and Its Applications	5	GPREC, kurnool
		ECS	Recent Trends in Artificial Intelligence and Cyber Security	5	Shri Vishnu Engineering College for Women (A), Bhimavaram
		ECS	ETL-Warehousing Tools	5	GPREC, Kurnool
4	P.Sunandha	ECS	Amazon Web Services	5	GPREC, kurnool
		ECS	Current Trends in Information Technology	5	GPREC, kurnool

	ECS	Python Programming and Its Applications	5	GPREC, kurnool
	ECS	ETL-Warehousing Tools	5	GPREC, kurnool
5	O. Roopa Devi	ETL-Warehousing Tools	5	GPREC, Kurnool
	ECS	Cloud Computing and its applications	5	GPREC, Kurnool
6	G. Venkata Ramana Reddy	Cloud Computing and its applications	5	GPREC, Kurnool
	ECS	Recent Trends in Artificial Intelligence and Cyber Security	5	Shri Vishnu Engineering College for Women (A), Bhimavaram
	ECS	Programming fundamentals using Python	6	Infosys
7	O. Sirisha	ETL-Warehousing Tools	5	GPREC, Kurnool
	ECS	Cloud Computing and its applications	5	GPREC, Kurnool
8	S. Shashikala	ETL-Warehousing Tools	5	GPREC, Kurnool
	ECS	Cloud Computing and its applications	5	GPREC, Kurnool
9	G. Alekhya	ETL-Warehousing Tools	5	GPREC, Kurnool
	ECS	Cloud Computing and its applications	5	GPREC, Kurnool
10	Dr. K. Ashfaq Ahemed	Amazon Web Services	6	GPREC, Kurnool
	ECS	Python Programming and Its Applications	5	GPREC, Kurnool
	ECS	ETL-Warehousing Tools	5	GPREC, Kurnool
11	B. Varalakshmi	ETL-Warehousing Tools	5	GPREC, Kurnool
	ECS	Data Science - Tools and Research	5	VIIT-Pune
	ECS	Cloud Computing and its applications	5	GPREC, Kurnool
	ECS	Current trends in formation technology	5	MEASI institute of IT
	ECS	Python programming and its applications	5	GPREC kurnool
	ECS	Amazon Web Services	6	GPREC kurnool
	ECS	Recent Trends in Computer Science	5	GPREC kurnool

12	T. Chandana	ECS	Cloud Computing and its applications	5	GPREC, Kurnool
		ECS	Recent Trends in Computer Science	5	GPREC, Kurnool
		ECS	Amazon Web Services	6	GPREC Kurnool
13	S .Shabana Begum	ECS	ETL-Warehousing Tools	5	GPREC, Kurnool
		ECS	Cloud Computing and its applications	5	GPREC, Kurnool
		ECS	Amazon Web Services	6	GPREC Kurnool
		ECS	21 st century skills for teaching and learning	5	GMR Institute Of Technology
			Python programming and its applications	5	GPREC, Kurnool

Certification courses by faculty

1. Dr.R.Praveen Sam, HOD of ECS Department, GPREC has successfully completed the certification in the course “**Azure Data Fundamentals**”, on October 19, 2022.
2. Dr. K. Govardhan Reddy, Dean of ECS Department, GPREC has successfully completed the certification in the course “**Azure AI Fundamentals**”, on October 21st, 2022.
3. Dr. K. Govardhan Reddy, Dean of ECS Department, GPREC has successfully completed the certification in the course “**Azure Data Fundamentals**”, on October 19th, 2022.
4. Dr. K. Govardhan Reddy, Dean of ECS Department, GPREC has successfully completed the certification in the course “**Azure Fundamentals**”, on October 17th, 2022.
5. Srikanth Kapse, Associate Professor of ECS Department, GPREC has successfully completed the certification in the course “**Azure Fundamentals**” on October 17th, 2022 of Microsoft.
6. Srikanth Kapse, Sunanda Perla, K. Asha Rani of ECS Department, GPREC has successfully completed the certification in the course “**Azure Data Fundamentals**” on October 19th, 2022 of Microsoft.
7. B.varalakshmi, and S.Shabana Begum, of ECS Department, GPREC has successfully completed the 30 days certification in the course”**Data Science 2.0**” from 20-9-2022 to 21-10-2022.

8. O.Roopadevi, Assistant Professor of ECS Department, GPREC has successfully completed the 8 week certification in the course “**Introduction To Machine learning**” from July-September, 2022.
9. K.Asha Rani, P.Sunanda and G.Alekhyas, Assistant Professor of ECS Department, GPREC has successfully completed the certification in the course “**Azure Data Fundamentals**” on October 19, 2022.
10. G.Alekhyas, Assistant Professor of ECS Department, GPREC has successfully completed the certification in the course “**Azure Fundamentals**” on 18th October 2022.
11. P.N.V.S. Pavan kumar, and V.Suresh Assistant professor of ECS Department, GPREC has successfully completed the certification in the courses “**Azure Data Fundamentals**” and “**Azure AI Fundamentals**” on October 19, 2022.
12. P.N.V.S. Pavan kumar, Assistant professor of ECS Department, GPREC has successfully completed the certification in the course “**365 Fundamentals**” on October 20, 2022.
13. Dr.K.Ashfaq Ahmed, Assistant professor of ECS Department, GPREC has successfully completed the certification in the course “**Azure Data Fundamentals**” on October 20, 2022.
14. S.Vinay Kumar, and V.Suresh Assistant professor of ECS Department, GPREC has successfully completed the certification in the courses “**Azure AI Fundamentals**” and “**Azure Data Fundamentals**” on October 19, 2022.
15. S.Vinay Kumar, and V.Suresh Assistant professor of ECS Department, GPREC has successfully completed the certification in the course “**Azure Fundamentals**” on October 20, 2022.
16. V.Suresh, Assistant Professor of ECS Department, GPREC has successfully completed the 8 week certification course on “**Intellectual Property Rights and Competition Law**”, from August-October 2022.
17. V.Suresh, Assistant Professor of ECS Department, GPREC has successfully completed the 8 week certification course on “**Introduction To Research**”, from August-October 2022.
18. S.Shabana Begum Assistant Professor of ECS Department, GPREC has successfully completed the certification on the course “**Azure Fundamentals**” on 18th October 2022.

19. S.Shabana Begum Assistant Professor of ECS Department, GPREC has successfully completed the certification on the course “**Azure Data Fundamentals**” on 21st October 2022.

20. B.Varalakshmi, of ECS Department, GPREC has successfully completed the 30 days certification in “**Advance Python Programming**” from 27-10-2022 to 27-11-2022.

21. B.varalakshmi, of ECS Department, GPREC has successfully completed the 30 days certification in “**Artificial Intelligence**” from 23-11-2022 to 22-12-2022.

Guest Lectures arranged:

1. Mr. Aneeq, MD of Edyst visited our college to interact with students of 2024 batch students and give the awareness of IT product companies.

Papers published/Presented/Achievements:

<i>S</i>	<i>Authors</i>	<i>Department</i>	<i>Paper Title</i>	<i>Published in / Issue No / Vol.No/ Year/Month/ Pages</i>
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Publications in International Journals

1	Pandipati, Babu and Praveen Sam R.	ECS	Threat-Path Estimate-Based Watchword-Chunk Algorithm for Advanced Persistent Threat in the Cloud	IJWSR vol.19, no.1 2022: pp.1-32.
2	Guduri Sulakshana, Govardhan Reddy Kamatam	ECS	Data Acquisition through Mobile Sink for WSNs with Obstacles Using Support Vector Machine Hindawi	Journal of Sensors, Volume 2022, Article ID 4242740, 20 pages
3	K. Rajendra Prasad, Govardhan Reddy Kamatam, Madhu Bala Myneni, N. Ramanjaneya Reddy	ECS	A novel data visualization method for the effective assessment of cluster tendency through the dark blocks image pattern analysis.	Microprocessors and Microsystems Vol: 93 (Aug, 2022) 104625.

4	S Vinay Kumar, Sri V Suresh, M Haritha, M Shashidhar		The Potentiality of big data through deep data Analytics: in the field of telecommunications	Journal of Xidian University, VOLUME 16, ISSUE 9, 2022.
5	Srikanth Kapse, S. Zahoor Ul Huq, A.P. Siva Kumar	ECS	Data Analysis of varied datasets using Descriptive and Predictive Analytics in terms of time and accuracy	AIP Conference Proceedings indexed in SCOPUS, Volume no. 2519, Issue no. 1, October 2022, https://doi.org/10.1063/5.0112328
6	O. Roopa Devi, S. Aarathi, O.Sirisha	ECS	An Efficient Approach for classification of skin cancer lesions using Inception V3	Neuro Quantology, Volume 20, Issue 10, 2022.

Text books published by faculty

NAME	TITLE OF THE BOOK	ISBN NUMBER	PUBLISHED BY
Dr.Govardhan Reddy	Fundamentals of Wireless Sensor Networks Theory Perspective	ISBN:978-93-94304-11-6	GCS publishers, August,2022
S.SHABANA BEGUM	ICT and Development	ISBN:978-93-5-95936-30-9	AGPH BOOKS

Publications in International Conferences

1	O. R. Devi, M. K. Mayee and S. Aarathi	ECS	Identification of COVID-19 and Pneumonia in X-Ray Images using Transfer Learning	6th International Conference on Trends in Electronics and Informatics (ICOEI), 2022, pp. 01-08
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Ph.D.'s awarded:

S.No	Names of Faculty	Department	Title of Thesis	University	Date of Award of the Degree
1	Dr.K.Ashfaq Ahmed	ECS	Missing data estimation through machine learning approaches with dimensionality reduction	Acharya Nagarjuna University	23-07-2022

New faculty Recruited:

S.No	Names of Faculty	Department	Designation	Qualification	Photo
1	Dr. K. ASHFAQ AHMED	ECS	Assistant Professor	Ph.D	
2	B. VaraLakshmi	ECS	Assistant Professor	M.Tech	
3	T. Chandana	ECS	Assistant Professor	MBA	
4	S. Shabana Begum	ECS	Assistant Professor	M.Tech	

Up gradation of Lab Equipment: (give details along with photographs)

Installed 160 new systems at ECS lab 1 and lab 2(80 in each lab)

Configuration:Lenovo ThinkCentre ,Intel i5 11th generation ,16 GB RAM,512 SSD With inbuilt windows 11 operating system.

Image of lab:1(80 systems)

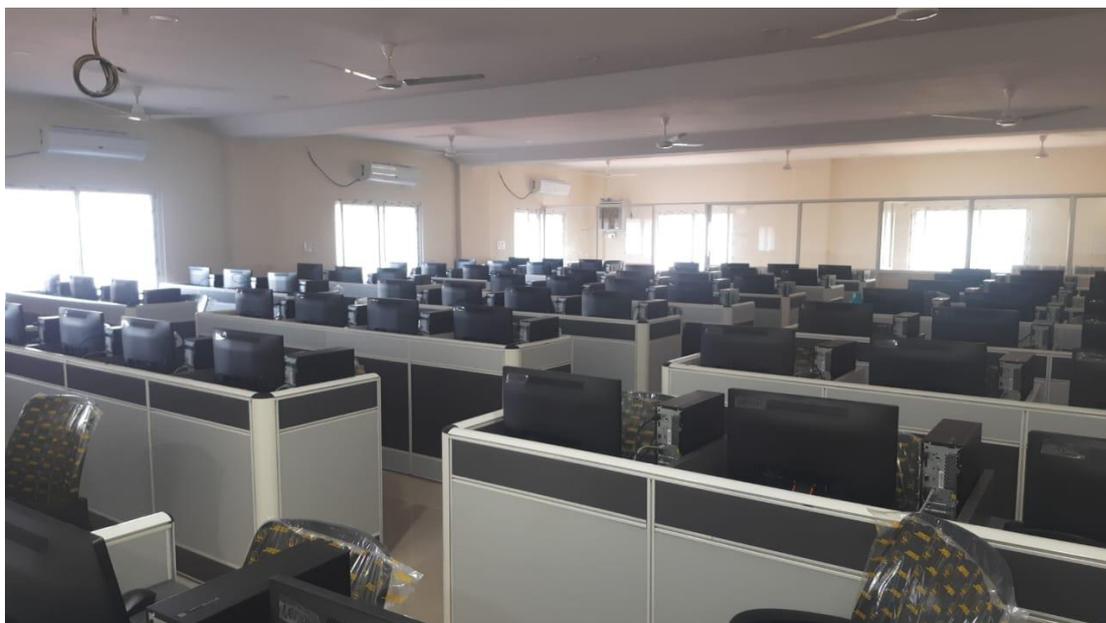
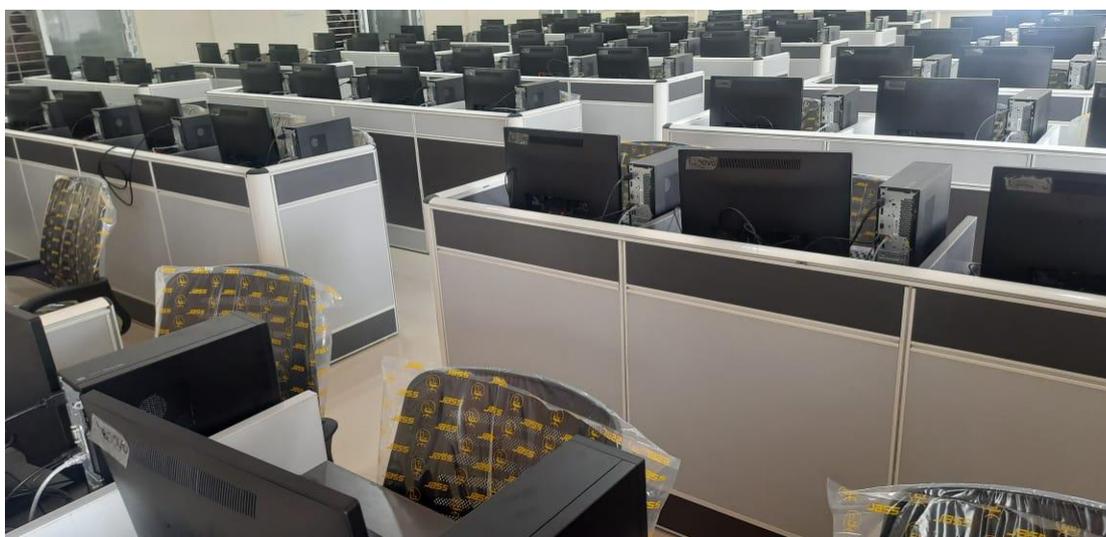


Image of lab:2(80 systems)



Workshops /Conferences /seminars attended by students:

S.No	Names(s) of Students	Department	Workshop/Conference /Seminar attended	Held at	Period from - to
1	M.S. Misba Bilquis,	III CSBS	shortlisted in NASA space Apps challenge Hackaton-2022 at National level.	GPREC Kurnool	JULY 2022
2	D. Haneesha	III CSBS	shortlisted in NASA space Apps challenge	GPREC Kurnool	JULY 2022

			Hackaton-2022 at National level.		
3	A. Trisha	III CSBS	shortlisted in NASA space Apps challenge Hackaton-2022 at National level.	GPREC Kurnool	JULY 2022
4	A total of 100 students have participated in a workshop Cyber Security on conducted by NIIT Foundation and CISCO.				
5.	M. Pavitra, of CSM has secured First place in Dist. Level Elocution Competition held in the occasion of “Minorities Welfare Day & National Education Day” on 11 th November 2022, by the Govt. of India.				

1. Certification courses by students

1.Students have completed different courses offered by Harvard Manage Mentor, Infosys
2. Students have undergone Internships on Cybersecurity and Ethical Hacking offered by Microsoft Certiport, web development by BOLT, Cybersecurity virtual Internship by Eduskills.
3. Six students bearing Roll Nos 209X1A2955, 209X1A2959, 219X5A2966, 219X5A2967,219X5A2968, 219X5A2969 have participated in Smart India Hackaton 2022 at Bombay.
4.M.sree varshini, III sem CSD Published an article (Title: Unstoppable) to NEXUS magazine. Attended webinar on 5G: A Catalyst for the Next Wave of Innovation and Digital Transformation Microsoft Innovative Educator 2022