Information for GPREC News Letter
(January - June, 2023)

1. Events conducted/ organized:

1.Department of ECS, GPREC, has conducted a Expert Session on "Overview of Python and its Industrial Applications", for CSB students on 06th January 2023, by TCS Experts.

2. Department of ECS, GPREC, has conducted a Expert Session on "Cloud and Visual Analytics" for CSB students on 17th January 2023, by TCS Experts.

3. Department of ECS, GPREC, has conducted a Webinar on "Azure Data Factory and Azure Synapse", for CSB students on 18th January 2023, by TCS Experts.

4. Department of ECS, GPREC, has conducted a AICTE - Adobe workshop on "Adobe Express for Faculty" on 21st January 2023, by B.Gayatry and A.Ojaswi.

5. Department of ECS, GPREC, has conducted a webinar on "IIT Mumbai's Placement Preparation", for students on 03rd February 2023, by IIT Experts.

6.Department of ECS, GPREC, has conducted Webinar on "Data Science using ML and DL Techniques", on 11th Febuary 2023, by Dr.Asadi Srinivasulu.

7. Department of ECS, GPREC, has conducted A 2-Day Techcamp on "Cloud Technology", from 14th to 16th Feb 2023, by MR.Bibek Ranjan & MR.Pawan Kumar.

8. Department of ECS, GPREC, has conducted Interaction session on "Higher Studies and Internship Opportunities in Germany",on 01st March 2023,by Sri.Manikanta Uppara.

9.Department of ECS, GPREC, has conducted workshop of "XR and Metaverse Industrial Workshop",from 1st March 2023 to 6th March 2023, by Mr K. Chakradhar, TCS Extended Reality Lab

10. Department of ECS, GPREC, has conducted on "Opportunities and Challenges in IT Sector: Software Mastery Bootcamp -Unlock Your Potential",from 6th – 11th March, 2023 by Mr .Mohammed Ismail, Manager Data Science, Blend 360, Mr .Samiyoddin Saayad, TCS, Mr. S Abdul khadar Zeelan, Cloud Ops Engineer, checkmarx, Mr. Sajjad Ali Khan, Development Manager, Microcare Solutions, Mr.Syed Muzammil Hussain Manager-Software Engineering, Oracle Cerner

11. Department of ECS, GPREC, has conducted 5 Day FDP on "Data Science and its Applications", in Association with JNTUA from 24th April to 28th April 2023, by Prof.DVLN Somayajulu ,Director IIITDM, Dr.C.Nagaraja, Dr.K.Satya Babu IIITDM, Dr.RP Jagadeesh Chandra Bose, Dr.K.Venkateswara Rao NIT Warangal, Dr.T.Rama Krishnudu NIT Warangal, Dr.K.Raghavendra Scientist ISRO.

12. Department of ECS, GPREC, has conducted Physical Guest Lecture on "Machine Learning Workflow",on 06th MAY 2023, by Mulla Zaheer Ahamed , Lead Engineer, RaiFox IT Consultancy Pvt Ltd, Bangalore.

2.workshops /Conferences /seminars /fdp's attended by faculty:

S.No	Name of Faculty	Workshop/Conference /Seminar /Fdp's attended	Held at	Period from - to
1	Dr. R. Praveen Sam	Online Refresher Course on "Artificial Intelligene"	JNTU,Hyderabad	july 10th to 24th 2023
		Societal applications of Blockchain Technology and Cyber	NREC	July 10th to 15th 2023
2	Dr. K.Govardhan Reddy	Societal Applications of Machine Learning	S.V.E.C.W,Bhima varam	July 24th to 28th 2023
		Workshop on AI TOOLS_Be10X_	be 10X	June 18th 2023
		Deep Learning for NLP and Computer Vision	CBIT,Hyderabad	july10th to 28th 2023
		Online Refresher Course on "Artificial Intelligene"	JNTU,Hyderabad	july 10th to 24th 2023
3	Dr.Rama Mohan	Machine Learning and its Applications	GPREC	July 10th to 14th 20203
4	Sri. A.Vishnuvardhan Reddy	Deep Learning for NLP and Computer Vision	CBIT,Hyderabad	July 10th to 28th 2023
5	Sri. K.Srikanth	Deep Learning for NLP and Computer Vision	CBIT,Hyderabad	July 10th to 28th 2023
		Web Development	GPREC,Kurnool	April 15th 2023
		Machine Learning Algorithms and its Applications	GPREC	july 10th to 24th 2023
6	Sri.P.N.V.S.Pavan Kumar	Web Development	GPREC,Kurnool	April 15th 2023
7	Smt. K.Asha Rani	Machine Learning and its Applications	GPREC	july 10th to 24th 2023
		Web Development	GPREC,Kurnool	April15th 2023
		Opportunities and Challenges in It Sector: Software Mastery Bootcamp-Unlock your Potential	GPREC	March 6th to 11th 2023
		Power BI	G. Narayanamma Institute of Technology and Science (for Women)(EXCEL R)	March 20th to 23rd 2023
8	Sri. S.Vinay Kumar	Deep Learning for NLP and Computer Vision	GPREC	July 10th to 28th 2023
		"Chat GPT and AI"	ExcelR	May 8th to 26th 2023

		"Data Science and Chat GPT"	K L Deemed to be University	May 15th to 19th 2023
		"Data Analytics using Power BI "	G Narayanamma Institute of technology	March 20th to 24th 2023
		"Oppurtunities and challenges in IT sector : Software mastery Bootcamp – Unlock Your Potential"	GPREC,Kurnool	March 6th to 9th 2023
		"Emperical Data Science and its Implications"	SRIT Ananthapuramu	January 3rd to 7th 2023
		"Data Science using machine learning"	Pravara Rural Engg.College	January 2nd to 6th 2023
		Machine Learning and its Applications	GPREC	july 10th to 24th 2023
		Data Analyst	Andhra Pradesh State Skill Development Corporation (APSSDC)	June 19th to 23rd 2023
9	Sri. V. Suresh	Data Analyst	Andhra Pradesh State Skill Development Corporation (APSSDC)	June 19th to 23rd 2023
		Data Science using Machine Learning	Pravara Rural Engg.College	6th to 2nd January 2023
10	Ms. O. Roopa Devi	Deep Learning for NLP and Computer Vision	CBIT,Hyderabad	July 10th to 23rd 2023
		KKR & KSR Institute of Technology in Sciences	KKR & KSR Institute of Technology in Sciences	February 27th to march 3rd 2023
		Mixrosoft, SAP and AICTE ATAL led faculty development program on Artificial Intelligence.	Tech Saksham	Februry 20th to 24th 2023
		Machine Learning Algorithms and its Applications	GPREC	July 10th to 14th 2023
11	Smt. O. Sirisha	Machine Learning and its Applications	GPREC	July 10th to 14th 2023
		"Inculcating Universal Human Values in Technical Education"	AICTE	January 2nd to 6th 2023
12	Smt. S. Shashikala	Machine Learning and its Applications	GPREC	July 10th to 14th 2023
		"Web Development"	G. Pulla Reddy Engineering College	April 15th to 19th 2023
13		Machine Learning and its Applications	GPREC	July 10th to 14th 2023
		Data Analytics using Power BI	GNITS ; EXCELR	March 20th to 24th 2023

	Smt. G. Alekhya	"Web Development"	G. Pulla Reddy Engineering College	April 15th to 19th 2023
		Data Science &; ChatGPT	KL University	June 15th to 19th 2023
		"Chat GPT and AI"	ExcelR	June 8th to 26th 2023
14	Dr. K. Ashfaq Ahmed	Machine Learning and its Applications	GPREC	July 10th to 14th 2023
15	Smt. B.Varalaksmi	Machine Learning and its Applications	GPREC	July 10th to 14th 2023
		InnovativeTeaching Strategies and tools in digital age	Scroll well	May 20th to 2nd june 2023
		Data Analysis using R software	GPREC	March 27th to 28th 2023
		PCB Design	Pantech E learning	February 11th 2023
		Driveless Smart car ADAS &RoS	Pantech E learning	February 11th 2023
		Universal Human Values-1	All India Council for Technical Education(AICTE)	January 2nd to 6th 2023
16	Smt. T.Chandana	Universal Human Values-1	All India Council for Technical Education(AICTE)	January 2nd to 6th 2023
17	Smt. S. Shabana Begum	Machine Learning and its Applications	GPREC	July 10th to 14th 2023
		Incalculating Universal Human Values in Technical Education	AICTE	January 2nd 2023
		Deep Learning Application Development Tools and Reasearch	VIIT,Pune	February 28th to 3rd march
		Oppurtunities and Challenges in IT Sector	GPREC	March 6th to 11th 2023
18	Sri. M. Mahesh Kumar	Deep Learning for NLP and Computer Vision	CBIT,Hyderabad	July 10th to 23rd 2023
		Data Analyst	Andhra Pradesh State Skill Development Corporation (APSSDC)	June 19th to 23rd 2023
		Machine Learning Algorithms and its Applications	GPREC	July 10th to 14th 2023
19	Ms. V. Jemima Jyothi	Deep Learning for NLP and Computer Vision	CBIT,Hyderabad	July 10th to 23rd 2023
		Data Analyst	Andhar Pradesh Skill Development Corporation(APSSDC)	June 19th to 23rd 2023
		CHATGPT and Artificial intelligence programme	Online	May 8th to 26th 2023

		Machine Learning Algorithms and its Applications	GPREC	July 10th to 14th 2023
20	Sri.P.Suresh Babu	Deep Learning for NLP and Computer Vision	CBIT,Hyderabad	July 10th to 23rd 2023
		Data Analyst	Everyday Learning	June 19th to 23rd 2023
		Machine Learning Algorithms and its Applications	GPREC	July 10th to 14th 2023

2. **Guest Lectures arranged:**

Department of ECS, GPREC, has organized a Guest Lecture on "Industrial Orintation On Markrting Research & Marketing Management from 29th april to 12th august 2023, by Sri Shiva Shankar Reddy, vice president , Tec Analytics Inc, USA.

Department of ECS, GPREC, has organized a Guest Lecture on "Introduction to Data Science, Analytic basics of AI, ML and DL, riscs of AI, real world applications, AI/ML training models, by sri Sridhar chitraju from 7th may to 27th june 2023.

3. Papers Presented/Achievements:
Publications in International Journals

S.No	Authors	Title of the Paper	Published in / Issue No / Vol.No/ Year/Month/ Pages
1	Dr.R.Praveen Sam	Threat-Path Estimate-Based Watchword-Chunk Algorithm for Advanced Persistent Threat in the Cloud	ISSN:1545-7362 Volume 19, Issue-1 SCIE Aug 2022
		Detection of Malicious Bots using Machine Learning	ISSN:0377-9254 Volume 13 Issue 12 UGC CARE Approved Group "A" December 2022
		DETECTION OF MALICIOUS BOTS USING MACHINE LEARNING	ISSN:1005-0299 Vol.22 No.03 Scopus Mar 2023
2	Dr. K. Govardhan Reddy	Data Acquisition through Mobile Sink for WSNs with Obstacles Using Support Vector Machine	ISSN:1687-725X Volume 2022, Article ID 4242740 SCIE Aug 2022
		A novel data visualization method for the effective assessment of cluster tendency through the dark blocks image pattern analysis	ISSN:0141-9331 Volume:93, Issue:2022, ID:104625 SCIE Aug 2022

		Data accumulation in WSNs using a mobile sink: A linear programming approach,	ISSN:2665-9174 Volume27, page 1-11 Elsevier(Scopus) Mar 2023
3	S Vinay Kumar	Image and Video Cation Generator Using Deep Learning	ISSN:1005-0299 Volume 22No3 Scopus March 2023
4	Sri. S Vinay Kumar,Sri V Suresh	The Potentiality of big data through deep data Analytics:in the field of telecommunications	ISSN:1001-2400 VOLUME 16, ISSUE 9, 2022 Scopus Sep 2022
5	P. Sunanda, K AshaRani, G. Alekhya and S. Shashikala	Design and Implementation of DL based moving object detection and tracking with canny edge detection	ISSSN:2063-5346 Volume -12 , issue-4 Scopus May 2023
6	O. Roopa Devi, O Sirisha	An Efficient Approach for classification of skin cancer lesions using Inception V3	ISSN:1303-5150 Volume20, Issue10|, page 7361-7371 Scopus Aug 2022
7	K.AshaRani, P.Sunanda, B.Varalakshmi	Finding of Vitamin Defeciency and Food Recommendation System Using Multiple Classsifier Algorithms	ISSN:0889-6402 Volume- 29, Issue 06 Scopus June 2023
8	S. Shabana Begum	Effects on Organizational culture and its impacts on employee job performance to IT sector	ISSN:2063-5346 vol-12,special issue-4 Scopus May 2023

Book chapters publications

S.NO	Names of faculty	Book Title (Book / Chapter)	ISBN:Number
1	S. Shabana Begum	Universal Human Values (Book)	ISBN-978-93-5756-025-2
		ICT and Development (Book)	ISBN-978-93-95936-30-9
2	B.Varalakshmi	Python for Professionals (Book)	ISBN: 978-81-19140-35-0

Publications in International Conferences

S.NO	Names of faculty	Paper Title/ Conference Name	ISBN:Number
1	Sri.K.Srikanth	Data analysis of varied datasets using descriptive and predictive analytics in terms of time and accuracy The first International Conference on Advances in Computational science and Engineering:ICACSE 2020	15517616

2	O.Roopa Devi	Identification And Classification Of Brain Tumor From MRI Using Transfer Learning Approach 2022 International Conference on Computing, Communication, and Intelligent Systems (ICCCIS)	978-1-6654-6200-6
		Identification of COVID-19 and Pneumonia in X-Ray Images using Transfer Learning 2022 6th International Conference on Trends in Electronics and Informatics (ICOEI)	978-1-6654-8328-5

5. Faculty achievements:

S.No	Names of Faculty	Title of Award/Recognition	Awarding Body/Agency	Date of Award of the Degree
1	Dr. K. Govaradhan Reddy	Yuva Acharya Award	Bharat Education Excellence Awards	2021-22
2	Dr. Y. Rama Mohan	Research Excellence Award	International Scientist Awards on Engineering, Science and Medicine	Dec 2022

6. New faculty Recruited:

S.No	Names of Faculty	Designation	Qualification	Photo
1	M.Mahesh Kumar	Assistant Professor	M.Tech	

2	Ms.V.Jemima Jyothi	Assistant Professor	M.Tech	
3	P SURESH BABU	Assistant Professor	M.Tech	

1. **Student Achievements:**

1.M. Pavitra, of III-Sem CSM has secured First place in Dist. Level Elocution Competition held on the occasion of "Minorities Welfare Day & National Education Day" on 11 th November 2022, by the Govt. of India.

2. M. Manichandana of VI-Sem CSBS achieved a Google certificate on Google Analytics Beginner and Google Analytics Advanced.

3. A team of 7 students (D. Bhavani, J Praneeth, D Chenna Keshava Reddy, K. Siva Bharathi, P. Rupa, G. Sai Nikhil and M. Bilva Sai Eswar) have participated in Smart India Hackaton 2022 at Bombay.

4. M. Pavitra, of IV-Sem CSM has secured First place by participating in "Speech on Nature" in a State Level College Fest organized by K.S.R.M College of Engineering, Kadapa on 13th April 2023.

Nature" in a State Level College Fest organized by K.S.R.M College of Engineering, Kadapa on 13th April 2023.

5.M.Pavitra of IV CSM has stood amongst three in National level Essay Writing Competition & received a cash prize of Rs 5,000/ and certificate from IIT Hyderabad.

Bharathi, P. Rupa, G. Sai Nikhil and M. Bilva Sai Eswar) have participated in Smart India Hackaton 2022 at Bombay.