G. Pulla Reddy Engineering College (Autonomous)

(Sponsored by G. Pulla Reddy Charities Trust, Hyderabad)
Nandyal Road, Kurnool - 518 007, Andhra Pradesh, India.
Accredited by NAAC (A⁺) of UGC & NBA of AICTE, Affiliated to JNTUA, Ananthapuramu.

NEWS LETTER

Volume 2   *Issue 2*   *July - December 2019*

Sri. P. Subba Reddy
Chairman

Dr. B. Sreenivasa Reddy
Principal

In this Issue....

Editorial Board

On the Occasion of Independence Day – 15th Aug, 2019 Principal
Dr. B. Srinivasa Reddy hoisted the National flag and addressed the Faculty, Staff & Students of the college.

'Vidyullatha Cash Award' of Rs.26000/- has been awarded to
Ms.Karanam Nitya Prasanna of IV EEE for being the academic topper of EEE till III Year.

GPREC Innovation and Incubation center inaugurated by Dr. B.V.R.Mohan Reddy ,
Executive Chairman Cyient Technologies and Sri. Challa Madhusudhan Reddy, chairman APSSDC.

Ms Sai Divya Nallapaneni of III Year ECE received Richard
E .Merwin scholarship from IEEE COMPUTER SOCIETY.
She is the only student from AP receiving this award.
An amount of $1000 US will be given to
by IEEE COMPUTER SOCIETY UNITED STATES.

*GPREC wins *National Employability Award* from Aspiring Minds!!*

Felicitation to Dr.P.Jayarami Reddy garu by Sri. C.Gurucharan Reddy, 1991-95,Mechanical branch on behalf of North America Alumni Association.

"ONE STUDENT ONE TREE" Tree plantation drive conducted by NSS Unit on college campus.

DEPARTMENT OF CIVIL ENGINEERING

1. Events conducted/ organized:

1. Department of CE, organized Inaugural Function of IEI students Chapter on 15th July 2019. Chief Guest of Inaugural function Dr. T Kiran Kumar, Professor, KSRM College of Engineering, Kadapa delivered a technical talk on "Sustainable water resources management in drought prone areas- A watershed based approach"

2. Department of CE, organized a two day workshop on 3DS.MAX held on 28th & 29th September 2019.

3. Department of CE, organized a guest lecture on "Interlinking of rivers" by Dr. P Subba Rao, faculty of Civil Engineering, NIT, Andhra Pradesh on 21st Dec, 2019.

2. Workshops /Conferences /Seminars :

S.No	Name of the Faculty	Workshop/Conference/ Seminar attended	Held at	Date (s)
1	Dr. KVSGK Sastry Dr. BJS Varaprasad Sri. VK Visweswara Rao Sri. G Nagesh Kumar	Faculty Development Programme for student Induction	GPREC	19th – 21st December 2019
2	Sri. G Nagesh Kumar Dr. M Srinivasula Reddy	Two Day National Workshop on "Sustainable Construction Materials & Techniques"	Dept of CE, JNTUA College of Engineering, Ananthapuramu	8th & 9th August 2019
3	Dr. M Srinivasula Reddy	Two day workshop on PFMS at National College, Tiruchirapalli	National College, Tiruchirapalli	26th & 27th Nov 2019
4	Dr. M Srinivasula Reddy	ITCSD-2019	NIT Warangal	13th – 15th September, 2019
5	Smt. Sowjanya	ITCSD-2019	NIT Warangal	13th – 15th September, 2019

3. Guest Lectures arranged:

Department of CE organized a guest lecture on "Interlinking of rivers" by Dr. P Subba Rao, faculty of Civil Engineering, NIT Andhra Pradesh on 21st Dec, 2019.

4. 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. M Srinivasula Reddy	Study on Mechanical and Durability properties of Sintered Fly Ash Aggregate Structural Concrete	ISSN : 2248-9622 Vol. 9, Issue 9 (Series -I) September 2019, pp 01-08
2	Sri. V. K. Visweswara Rao	A Study on High Strength Concrete by using Metakaolin and Hybrid Fibers	ISSN: 2278-0181 Vol. 8 Issue 09, September-2019

3	Sri. G. Nagesh Kumar	Study on partial replacement of fine aggregate with demolition waste in self-compacting concrete (DOI:16.10089. IJMTE.2019.V9I10.19.35130)	ISSN NO : 2249-7455, Volume IX, Issue X, OCTOBER/2019
4	Sri. G. Nagesh Kumar	Experimental investigation on concrete by partial replacement of cement and fine aggregate with industrial waste (DOI:16.10089.IJMTE.2019.V9I10.19.35139)	ISSN NO : 2249-7455, Volume IX, Issue X, OCTOBER/2019
5	Dr. K.V.S. Gopala Krishna Sastry	Study on mechanical properties of metakaolin-GGBS based geopolymer concrete (DOI:16.10089.IJMTE.2019.V9I10.19.35131)	ISSN NO : 2249-7455, Volume IX, Issue X, OCTOBER/2019
6	Dr. M. Srinivasula Reddy	Influence of Calcination Temperature and the Pozzolanic Reactivity of Lc3	ISSN- 2321-3361, Vol.9, Issue 10, Oct. 2019, pp 23816-23819
7	Mrs. K. Prashanthi Kumari	Study on Effect of Gum Extraction from Trees on Mechanical Properties of Concrete	ISSN- 2321-3361, Vol.9, Issue 10, Oct. 2019, pp 24023-24025
8	Mrs. K. Madhavi Latha	Study of Mechanical Properties of Concrete with Zeolite Powder and Steel Slag	ISSN- 2321-3361, Vol.9, Issue 11, Nov. 2019, pp 24032-24038
9	Mr. P. Eswanth	A Feasibility Study on the Mechanical Properties of Concrete with Iron Ore Tailings (IOT)	ISSN- 2321-3361, Vol.9, Issue 11, Nov. 2019, pp 24050-24054
10	Sri. V. K. Visweswara Rao	Effect of Nano-Silica on Mechanical Properties of Ultra High Performance Concrete	ISSN- 2321-3361, Vol.9, Issue 11, Nov. 2019, pp 24072-24075
11	Dr. T. Chandra Sekhara Reddy	Mechanical And Durability Properties Of Self Curing Concrete With Partial Replacement Of Cement By Calcinated Zeolite Powder	ISSN 2277-8616, Volume 8, Issue 11, November 2019
12	Dr. M. Srinivasula Reddy	Engineered Self- Healing Concrete with Superabsorbent Polymer and Crystalline Admixture	ISSN- 2321-3361, Vol.9, Issue 11, Nov. 2019, pp 24061-24064
13	Dr. E. Sanjeeva Rayudu	Prediction of corrosion activity levels of hysd bars in opc scc and gpc by electrical resistivity method and half cell potential method	ISSN Print: 0976-6308 and ISSN Online: 0976-6316 Volume 10, Issue 12, December 2019, pp. 32-49
14	Sri. G. Nagesh Kumar	Prediction of corrosion activity levels of hysd bars in opc scc and gpc by electrical resistivity method and half cell potential method	ISSN Print: 0976-6308 and ISSN Online: 0976-6316 Volume 10, Issue 12, December 2019, pp. 32-49
15	Mr. P. Eswanth	Mechanical and durability properties of concrete by partial replacement of cement with banana leaves ash	ISSN : 0731-6755, Volume XII Issue XII DECEMBER 2019
16	Dr B J S Varaprasad	Soil Improvement by Fine Fraction Residue from Recycling Construction and Demolition Waste	ISSN 2277-8616, VOLUME 8, ISSUE 10, OCTOBER 2019

17	Y. Yaswanth Kumar	Soil Improvement by Fine Fraction Residue from Recycling Construction and Demolition Waste	ISSN 2277-8616, VOLUME 8, ISSUE 10, OCTOBER 2019
18	K Ram Mohan Reddy	Soil Improvement by Fine Fraction Residue from Recycling Construction and Demolition Waste	ISSN 2277-8616, VOLUME 8, ISSUE 10, OCTOBER 2019
19	Dr B J S Varaprasad	Sustainable Improvement of Expansive Clays Using Xanthan Gum as a Biopolymer (http://dx.doi.org/10.28991/cej-2019-03091380)	ISSN2476-3055 , Vol. 5, No. 9, September, 2019
20	Dr. S. Radhakrishna	Study of the Dykes from Chigargunta Gold Mines–Andhra Pradesh	ISSN 0970-4256, Vol 33, No 4 (2019)
21	Dr. T. Chandra Sekhara Reddy	Self-Healing Concrete with Crystalline Admixture—A Review	ISSN: 1000-2413 (Print) 1993-0437 (Online) October 2019, Volume 34,
22	Sri. V. K. Visweswara Rao	Experimental Study Of Compressive Strength And Micro Structural Analysis Of Reactive Powder Concrete With Different Dosages Of Nano-Silica	Issue 5, pp 1143–1154 ISSN 2277-8616 VOLUME 9, ISSUE 01, JANUARY 2020

1	Dr. K.V.S. Gopala Krishna Sastry	Influence of Nano TiO2 on strength and durability properties of GPC	International Conference on Advances in Materials Research - 2019
2	Dr. M. Srinivasula Reddy	Influence of curing condition on the regained strength properties of self healing concrete with crystalline admixture and GGBS	ASIA International Multidisciplinary Conference 2019
3	Dr. T. Chandra Sekhara Reddy	A Comparative Study on the compressive strength properties of Geopolymer mortar made with Fly-Ash – Red Mud	International Conference on Innovative Trends in Civil Engineering for Sustainable Development (ITCSD – 2019)

5. Ph.D awarded:

S.No.	Name of the Faculty	Title of Thesis	University	Date of Award of the Degree
1	Dr. M Srinivasula Reddy	Synthesis and Performance Study of Structural Geopolymer Concrete developed from various Industrial Waste	IIT Bhubaneswar	29th July, 2019

6. New Faculty Recruited:

S.No.	Name of the Faculty	Designation	Qualification	Photo
1	Sri. M Preetham Siddarth Reddy	Assistant Professor	M.Tech	

2	Sri. K Mallikarjuna Reddy	Assistant Professor	M.Tech	
3	P Lakshmi Sruthi	Assistant Professor	M.Tech	
4	E Hanuman Sai Gupta	Assistant Professor	M.Tech	

7. Up gradation of Lab Equipment:

▶▮ **Moderation of computer lab in Civil Engineering Department at the cost of Rs:5,70,000/-**
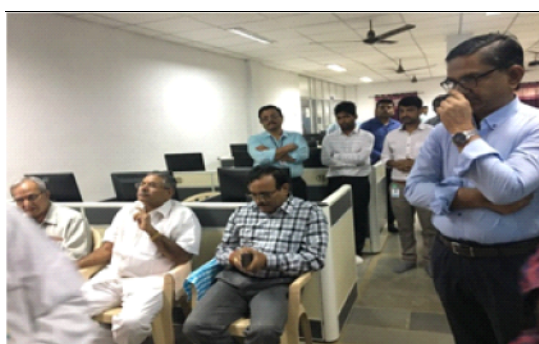
▶▮ **23 New systems were added in computer lab for worth of Rs:8.55 lakhs**

▶▮ **10 Systems were upgraded at the cost of Rs:3.25 laks**

1. Workshops /Conferences /seminars attended :

S.No	Name of the Student	Workshop/Conference / Seminar attended	Held at	Date(s)
1	Gajjala Manisha			
2	G.Muskaan Nasreen			

		3DS.MAX held	CED, GPREC	28th & 29th September 2019.
3	D.Fayaz Ahammad			
4	A.Pruthvi Narayana			
5	G.V.Naga Vaishnavi			
6	Asthanaditta Sudheer Raju			
7	Gujjala Greeshma			
8	Shaik Shaiksavali			
9	Jakka Bhuvaneswar			
10	M.Harshitha			
11	Saya Aishwarya			
12	Yerram Reddy Pranavi			
13	Bhoomireddy Lavanya			
14	V.Meghana			
15	Sana Divya			
16	V.Neethu Shivani			
17	Edula Likhitha			
18	Velpula Pushpanjali			
19	Tene Swetha			
20	Tene Madhuri			
21	R.Yuktha Priya			
22	B.Yashwanth			
23	Ratnakaram Sai Rupesh Raju			
24	Md.Abdul Hameed			
25	T.Sai Krishna Reddy			
26	G.Kumari			
27	E.Shyam Sundar Goud			
28	C.Hemanth Kumar			
29	V.Gopi Krishna			
30	G.Krishna Mohan			
31	V.Sreekannth			
32	S.Gayathri			
33	Pateel Meghana			
34	G. Harsha Vardhan Reddy			
35	M.Gopal Krishna			
36	Limbakar Manojini			
37	A.B.Sai Navya Sree			
38	Megha Vardhan			
39	K.Hari Krishna			
40	P.Aamir Khan			
41	M.Guru Sravan Kumar			

2. **Papers Presented by Students:**

   G V Naga Vaishnavi Presented a paper title" Environmental Issues Influencing Valuation " at Institution of Valuers , Tirupathi Branch, Tirupathi on 24/08/2019

3. **Students' Achievements:**

   Md. Abrar Hussain,Final year student designed Animated Video of Civil Engineering Department and Launching Animated Video by Director and Principal.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

1.   Events conducted/ organized:

▶❙ Department of CSE organized a two-week FDP on "Data Science and Big Data analytics" sponsored by AICTE during 26th August to 7th September 2019.

▶❙ Department of CSE organized a one day workshop on "Block Chain Technology" in association with IEEE Computer Society on 21st September 2019

▶❙ Department of CSE organized a two day Workshop on "Industrial and Process Automation" for III B.Tech CSE Students during 27th and 28th September 2019.

▶❙ Department of CSE conducted IEEE Extreme 13.0 (24 hours coding contest) on 19th October 2019 in association with IEEE-Computer Society.

▶❙ Department of CSE organized a one day National Level Student Convention (AAVISHKAR-2019) on 20th Dec 2019 in association with Computer Society of India (CSI).

2.   Workshops /Conferences /Seminars:

S.No	Name of the Faculty	Workshop/Conference / Seminar attended	Held at	Date(s)
1	A Vishnuvardhan Reddy	Data Science and Big Data analytics	GPREC	26 Aug – 7 Sep, 2019
2	P. Praveen Yadav	Data Science and Big Data analytics	GPREC	26 Aug – 7 Sep, 2019
3	K Ishthaq Ahmed	Data Science and Big Data analytics	GPREC	26 Aug – 7 Sep, 2019
4	K Bala Chowdappa	Data Science and Big Data analytics	GPREC	26 Aug – 7 Sep, 2019
5	P N V S Pavan Kumar	Data Science and Big Data analytics	GPREC	26 Aug – 7 Sep, 2019
6	K Asha Rani	Data Science and Big Data analytics	GPREC	26 Aug – 7 Sep, 2019
7	T Swathi	Data Science and Big Data analytics	GPREC	26 Aug – 7 Sep, 2019
8	P Sunanda	Data Science and Big Data analytics	GPREC	26 Aug – 7 Sep, 2019
9	M Padma	Internet of Things	IIITDM, Kurnool	2-9 Dec 2019
10	T Swathi	Internet of Things	IIITDM, Kurnool	2-9 Dec 2019
11	L Sudha Rani	Internet of Things	IIITDM, Kurnool	2-9 Dec 2019
12	S Vinay Kumar	Internet of Things	IIITDM, Kurnool	2-9 Dec 2019
13	B Dilip Kumar Reddy	Internet of Things	IIITDM, Kurnool	2-9 Dec 2019
14	V Suresh	Artificial Intelligence, Machine Learning and Deep Learning	GATES Institute of Technology, Gooty	18-20 Nov 2019
15	C V Chakradhar	Artificial Intelligence, Machine Learning and Deep Learning	GATES Institute of Technology, Gooty	18-20 Nov 2019

16	Y R Janardhan Reddy	Data Sciences	IIITDM, Kurnool	21-25 Nov 2019
17	K Srikanth	Data Sciences	IIITDM, Kurnool	21-25 Nov 2019
18	B Thimma Reddy	Data Sciences	IIITDM, Kurnool	21-25 Nov 2019
19	K Sudhakar	Data Sciences	IIITDM, Kurnool	21-25 Nov 2019
20	P N V S Pavan Kumar	Data Sciences	IIITDM, Kurnool	21-25 Nov 2019
17	K Srikanth	Data Sciences	IIITDM, Kurnool	21-25 Nov 2019
18	B Thimma Reddy	Data Sciences	IIITDM, Kurnool	21-25 Nov 2019
19	K Sudhakar	Data Sciences	IIITDM, Kurnool	21-25 Nov 2019
20	P N V S Pavan Kumar	Data Sciences	IIITDM, Kurnool	21-25 Nov 2019
21	S Zahoor ul huq	Cyber Security	KSRM, Kadapa	11-23 Nov, 2019
22	K V Rameswar Reddy	Cyber Security	KSRM, Kadapa	11-23 Nov, 2019
23	Dr R Praveen Sam	Quality Enhancement Measures in Higher, Technical, Professional and Management Educational Institutions with Special focus on NIRF India Rankings	JNTUH, Hyderabad	18 -19 October 2019
24	Dr R Praveen Sam	"NAAC's New Framework for Accreditation and Assessment of HEIs: Opportunities and Challenges"	GNITS, Hyderabad	19-21September 2019
25	Dr R Praveen Sam	Machine Learning using Python & R Programming"	NREC, Hyderabad	8 -13, July 2019

3. Papers Presented/Achievements:

Publications in International Journals

S.No	Authors	Paper Title	Published in / Issue No / Vol.No/ Year/Month/ Pages
1	G Vijaya Kumar	Polarity Classification Through N Gram Machine Learning Approach	Journal of Engineering Sciences (JES), Volume-10, Issue-9, Sep 2019. PP: 711 – 717.
2	K Bala Chowdappa V Suresh	Secure Intelligence Model for Big Data Security	Journal of Adv Research inDynamical & Control Systems." (JOARDCS), Vol. 11, 07-Special Issue, July 2019
3	J Swami Naik	Intelligent Environment monitoring system using IoT	International Journal of Recent Scientific Research (IJRSR), Volume-10, Issue-8F, Sep 2019. PP: 34405-34408.

4	T.Swathi, N.Kasiviswanath, M.Padma,	An Improved Stream Processing Access	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8, Issue-11S, September 2019.
5	P Penchala Prasad S Zahoor ul huq	Recursive Feature Elimination and Gravitational Search Algorithm for lassification of Medical Data	Journal of Engineering and Applied Sciences 14(23):8828-8834 • September 2019
6	Y Rama Mohan	A Time Interval based fine grained access control scheme in cloud computing	Journal of Engineering Sciences(JES) , ISSN: 0377-9254; Vol - 10, Issue - 9; Edition: Sep 2019.
7	C. Sreedhar N. Kasiviswanath	Deep Learning and its Applications: A Survey	International Journal of Engineering Research And Management (IJERM), ISSN: 2349- 2058; Volume 06, Issue-10, October 2019.
8	D Sowmya R Praveen Sam, K Govardhan Reddy	Smart Water Dripping System for Agriculture / Farming	International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8, Issue-2S10 in September 2019 pp. 876-881
9	P. Veeresh, R Praveen Sam & C. Shoba Bindu	Reliable fault tolerance system for service composition in mobile Ad Hoc network	International Journal of Electrical and Computer Engineering (IJECE) Vol. 9, No. 4 in August 2019, pp. 2523-2533
Publication in International Conference			
1	S. Md. Mujeeb, R Praveen Sam & K Madhavi	An Inception towards better classification technique for Big Data	Innovations in Computer Science & Engineering- Proceedings of the Sixth ICICSE 2018, Springer Nature Singapore Pte Ltd. 2019, July 2019, pages 525-531

4. New Faculty Recruited :

S.No.	Name of the Faculty	Designation	Qualification	Photo
1	CH Kalyani	Assistant Professor	M Tech	
2	P Sreedevi	Assistant Professor	M Tech	

3	M Shashidhar	Assistant Professor	M Tech	
4	Y Supriya Reddy	Assistant Professor	M Tech	

1. Workshops /Conferences / Seminars attended :

S.No	Name of the Student	Workshop/Conference / Seminar attended	Held at	Date (s)
1	K Sri Vardhan	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
2	B Jaya Vardhan	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
3	A Surya Teja	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
4	K Rohita	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
5	K Diwakar Babu	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
6	M Vyshnavi	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
7	C Pandu Ranga	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
8	P Lekhana Reddy	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
9	D Akash	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
10	K Guru Srikanth	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
11	M Amrutha	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
12	N Samhita	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
13	B Padma Sree	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
14	B Likhitha	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
15	P Alekya	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
16	M Sai Vaishnavi	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
17	D Aftab Ahmed	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
18	M Eswari Swetha Priya	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
19	U Sunil	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
20	K Naga Swathi	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
21	U Sai Swetha	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
22	B Vikas Kumar	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
23	L D Dheeraj Raj	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
24	M Anusha	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
25	N Sai Divya	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
26	C Nageswar	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019

27	Y Dharani Srinivas	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
28	K Chakradhar	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
29	M Rajesh	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
30	M Maheswar Reddy	IEEE Extreme 13.0 (24 hours coding contest)	GPREC	19 Oct 2019
31	Y Sirisha	Introduction to Blockchain Technology	GPREC	21 Sep 2019
32	A Rajeswari Devi	Introduction to Blockchain Technology	GPREC	21 Sep 2019
33	M Sony Bai	Introduction to Blockchain Technology	GPREC	21 Sep 2019
34	N Ruchitha	Introduction to Blockchain Technology	GPREC	21 Sep 2019
35	Shaik Shakeer Basha	Introduction to Blockchain Technology	GPREC	21 Sep 2019
36	P Sri Ranga Sainath	Introduction to Blockchain Technology	GPREC	21 Sep 2019
37	T Karthik	Introduction to Blockchain Technology	GPREC	21 Sep 2019
38	Mohammad Zakikareem	Introduction to Blockchain Technology	GPREC	21 Sep 2019
39	V Chandra Kumar Reddy	Introduction to Blockchain Technology	GPREC	21 Sep 2019
40	P Anusha	Introduction to Blockchain Technology	GPREC	21 Sep 2019
41	S Naga Sharanya	Introduction to Blockchain Technology	GPREC	21 Sep 2019
42	R Supriya	Introduction to Blockchain Technology	GPREC	21 Sep 2019
43	V Chandrika	Introduction to Blockchain Technology	GPREC	21 Sep 2019
44	P Harshitha	Introduction to Blockchain Technology	GPREC	21 Sep 2019
45	S Nanditha Bai	Introduction to Blockchain Technology	GPREC	21 Sep 2019
46	J Ramya Sree	Introduction to Blockchain Technology	GPREC	21 Sep 2019
47	N Ujwala	Introduction to Blockchain Technology	GPREC	21 Sep 2019
48	N Maha Lakshmi	Introduction to Blockchain Technology	GPREC	21 Sep 2019
49	V Revathi	Introduction to Blockchain Technology	GPREC	21 Sep 2019
50	M Sireesha Reddy	Introduction to Blockchain Technology	GPREC	21 Sep 2019
51	R B Adya	Introduction to Blockchain Technology	GPREC	21 Sep 2019
52	L Sri Naga Varshitha	Introduction to Blockchain Technology	GPREC	21 Sep 2019
53	B Sai Thanmayee	Introduction to Blockchain Technology	GPREC	21 Sep 2019
54	D Swathi	Introduction to Blockchain Technology	GPREC	21 Sep 2019
55	D Lingeshwar	Introduction to Blockchain Technology	GPREC	21 Sep 2019
56	Pradeep	Introduction to Blockchain Technology	GPREC	21 Sep 2019
57	Prabhas	Introduction to Blockchain Technology	GPREC	21 Sep 2019
58	R V Prahasith Reddy	Introduction to Blockchain Technology	GPREC	21 Sep 2019
59	B Sagar	Introduction to Blockchain Technology	GPREC	21 Sep 2019
60	Md Jafar	Introduction to Blockchain Technology	GPREC	21 Sep 2019
61	G Jithendra	Introduction to Blockchain Technology	GPREC	21 Sep 2019
62	J Maruthi	Introduction to Blockchain Technology	GPREC	21 Sep 2019
63	D Induja Reddy	Introduction to Blockchain Technology	GPREC	21 Sep 2019
64	P Sai Sudha	Introduction to Blockchain Technology	GPREC	21 Sep 2019
65	J Chandralekha	Introduction to Blockchain Technology	GPREC	21 Sep 2019

66	K Meghana	Introduction to Blockchain Technology	GPREC	21 Sep 2019
67	B Likitha	Introduction to Blockchain Technology	GPREC	21 Sep 2019
68	C Bindu	Introduction to Blockchain Technology	GPREC	21 Sep 2019
69	B V Sree Deepa Reddy	Introduction to Blockchain Technology	GPREC	21 Sep 2019
70	M Deepya	Introduction to Blockchain Technology	GPREC	21 Sep 2019
71	I Jeslina	Introduction to Blockchain Technology	GPREC	21 Sep 2019
72	M Nagaleela	Introduction to Blockchain Technology	GPREC	21 Sep 2019
73	T Susheela	Introduction to Blockchain Technology	GPREC	21 Sep 2019
74	S Rahila	Introduction to Blockchain Technology	GPREC	21 Sep 2019
75	P Sai Lahari	Introduction to Blockchain Technology	GPREC	21 Sep 2019
76	T Nitisha	Introduction to Blockchain Technology	GPREC	21 Sep 2019
77	L Sai Rishitha Reddy	Introduction to Blockchain Technology	GPREC	21 Sep 2019
78	K M Anusha	Introduction to Blockchain Technology	GPREC	21 Sep 2019
79	M Sucharitha	Introduction to Blockchain Technology	GPREC	21 Sep 2019
80	P Harshavardhan	Introduction to Blockchain Technology	GPREC	21 Sep 2019
81	M Vijay	Introduction to Blockchain Technology	GPREC	21 Sep 2019
82	G Sri Sai Ajith	Introduction to Blockchain Technology	GPREC	21 Sep 2019
83	G Nikhil Kumar	Introduction to Blockchain Technology	GPREC	21 Sep 2019
84	S Naresh	Introduction to Blockchain Technology	GPREC	21 Sep 2019
85	P Rruhul Aman	Introduction to Blockchain Technology	GPREC	21 Sep 2019
86	M Omkarnath Reddy	Introduction to Blockchain Technology	GPREC	21 Sep 2019
87	M Arun Kumar Reddy	Introduction to Blockchain Technology	GPREC	21 Sep 2019
88	J Kiran	Introduction to Blockchain Technology	GPREC	21 Sep 2019
89	K Rajeswar Reddy	Introduction to Blockchain Technology	GPREC	21 Sep 2019
90	B Kotesh	Introduction to Blockchain Technology	GPREC	21 Sep 2019
91	B Ruchitha	Introduction to Blockchain Technology	GPREC	21 Sep 2019
92	G Kiran Raj	Introduction to Blockchain Technology	GPREC	21 Sep 2019
93	G Susrutha	Introduction to Blockchain Technology	GPREC	21 Sep 2019
94	M S Zaiba Nikhat	Introduction to Blockchain Technology	GPREC	21 Sep 2019
95	K Pravallika Devi	Introduction to Blockchain Technology	GPREC	21 Sep 2019
96	C Sai Rupika	Introduction to Blockchain Technology	GPREC	21 Sep 2019
97	H K Saranya	Introduction to Blockchain Technology	GPREC	21 Sep 2019
98	P Deepika	Introduction to Blockchain Technology	GPREC	21 Sep 2019
99	S Shireen Falak	Introduction to Blockchain Technology	GPREC	21 Sep 2019
100	Taneemunnisa	Introduction to Blockchain Technology	GPREC	21 Sep 2019
101	S V Vyshnavi	Introduction to Blockchain Technology	GPREC	21 Sep 2019
102	G Lohitha	Introduction to Blockchain Technology	GPREC	21 Sep 2019
103	A Yaminipriya	Introduction to Blockchain Technology	GPREC	21 Sep 2019
104	B Meghana	Introduction to Blockchain Technology	GPREC	21 Sep 2019

105	C Roja	Introduction to Blockchain Technology	GPREC	21 Sep 2019
106	T Eswara Chandrika	Introduction to Blockchain Technology	GPREC	21 Sep 2019
107	C Padma Latha	Introduction to Blockchain Technology	GPREC	21 Sep 2019
108	B Chandana	Introduction to Blockchain Technology	GPREC	21 Sep 2019
109	V Akhila	Introduction to Blockchain Technology	GPREC	21 Sep 2019
110	G L Ratnanjali	Introduction to Blockchain Technology	GPREC	21 Sep 2019
111	K Naga Swathi	Introduction to Blockchain Technology	GPREC	21 Sep 2019
112	P Venkata Sai Pranav	Introduction to Blockchain Technology	GPREC	21 Sep 2019
113	E Raghavendra Reddy	Introduction to Blockchain Technology	GPREC	21 Sep 2019
114	U Sai Dheeraj	Introduction to Blockchain Technology	GPREC	21 Sep 2019
115	S MD Ameen	Introduction to Blockchain Technology	GPREC	21 Sep 2019
116	D Aftab	Introduction to Blockchain Technology	GPREC	21 Sep 2019
117	S V Praneeth Reddy	Introduction to Blockchain Technology	GPREC	21 Sep 2019
118	P Siva Shankar	Introduction to Blockchain Technology	GPREC	21 Sep 2019
119	N Samhitha	Introduction to Blockchain Technology	GPREC	21 Sep 2019
120	M Mahathi Reddy	Introduction to Blockchain Technology	GPREC	21 Sep 2019

2. Papers Presentations :

S.No	Title of the Paper	Participant's Name
1	Machine Learning-The Route For An Incredible And Enriched Human Life.	Jahnavi C, I CSE
		G Ludhiya, I CSE
2	Block Chain Technology	Samhita.N, II CSE
		B Padma Sree, II CSE
3	The Evolution Of Block chain: A Bibliometric Study	Mounaraga.A, II CSE
		Likhitha.K, II CSE
4	Block chain Technology	B.K.Sai Rathan, II CSE
		Madhavan Iyer, II CSE
5	Machine Learning In Agriculture	Tejaswini Y, II CSE
6	Artificial Intelligence	G Lakshmi Ratnanjali, II CSE
		Mandadi Deepya, II CSE
7	Fingerprint Identification	P.Thrilok, II CSE
		K.Manikanta, II CSE
8	Intelligent Computing With Natural Language Processing	A Meghana, II CSE
		Safiya Samreen, II CSE
9	Blockchain Technology	K.Mrudula, III CSE
		K.Sathya Harshitha, III CSE
10	Big Data	L Harshitha, III CSE
		K.Pooja, III CSE

11	Big Data	D.Sreeja Reddy, III CSE
		K.Nikhitha, III CSE
12	Artificial Intelligence	T S Nithya, III CSE
		A.Sahithya, III CSE
13	Big Data In Education Sector	B.Kalyani, III CSE
		C.Harshitha, III CSE
14	Big Data	S Fahimunnisa, III CSE
		M Harshitha, III CSE
15	Bigdata--Hadoop Overview	L. Manaswini, III CSE
		M. Sushitha, III CSE
16	Mapreduce And Yarn Using Big Data Technology	M.Asritha, III CSE
		G.Mounika, III CSE
17	Food Safety Using Blockchain Technology	M. Sangeetha , III CSE
		K.Haritha, III CSE
18	KNN Algorithm In Machine Learning	K.Hari Chandana, III CSE
		I.Kusuma Sree, III CSE
19	Machine Learning	N.Sai Karthik, III CSE
		G.Sai Krishna, III CSE
20	Natural Language Processing	R.Venu Gopal Reddy, III CSE
		P.Sri Ranga Sainath, III CSE
21	Big Data – A Review	N.Susrusha, III CSE
		P.Pooja Sree, III CSE
22	Natural Language Processing	G. Lahari, III CSE
		L.Tejaswini, III CSE
23	Big Data In Healthcare	B.Yashaswini, III CSE
		S.Maneesha, III CSE
24	Machine Learning	M. Shiva Shankar, III CSE
		G. Eswar Naidu, III CSE

3. Students' Achievements:

<u>Winner in Paper Presentation (Aavishkar-2019):</u>
Y Tejaswini – II CSE – First Prize
K Hari Chandana and I Kusumasri – III CSE – Third Prize

<u>Winner in Poster Presentation(Aavishkar-2019):</u>
B Vamsi and D Ramcharan – III CSE – First Prize
Taneemunnisa and S V Vyshnavi – II CSE – Second Prize
M Giri Kamal Tej and K Rohith – III CSE – Third Prize

<u>Winner in Coding Contest(Aavishkar-2019):</u>
I V Nagarjun Reddy – III CSE – First Prize
Y Tejaswini and S Naga Saranya – II CSE – Second Prize
T Girish Kumar Reddy and G Eswar Naidu – III CSE – Third Prize

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. Events organized:

1.1 Department of ECE, IE(I) Students' Chapter Inaugural Function was organised on 12-7-2019.Dr K. V. Eshwara Moorthy, Assistant Professor Dept of ECE, IIITDMK was the Chief Guest for the Inaugural Function.

1.2 Department of ECE, IEEE ITSOC Student Chapter of GPREC has conducted a Two day National Level Workshop on Cyber Security and Ethical hacking was scheduled during 16th& 17th, Aug 2019.There was a huge response for the event. The total numbers of participants were 122. The Chief Guest for the event was Mr. D. Sai Satish, Founder & CEO of Indian servers, Administrator of Andhra Hackers, Microsoft Security Researcher, International Cyber Security Trainer.
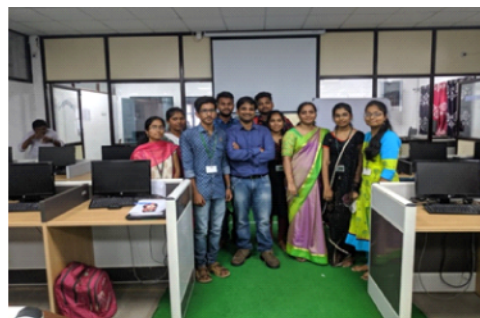
2. Workshops /Conferences /Seminars attended :

S.No	Name of the Faculty	Details of the FDP/Workshop	Dura-tion	Date(s)
1	Sri T. Thammi Reddy	AICTE Training and Learning Academy Programme on ARTIFICIAL INTELLIGENCE organized by Department of CSE, IITDM, Kurnool-518007.	1Week	28th November to 2nd Dec 2019.
2	Dr Shaik Saheb Basha	AICTE Training and Learning Academy Programme on ARTIFICIAL INTELLIGENCE organized by Department of CSE, IITDM, Kurnool-518007.	1Week	28th November to 2nd Dec 2019.

3	Smt K Udaya Kiran	AICTE Training and Learning Academy Programme on ARTIFICIAL INTELLIGENCE organized by Department of CSE, IITDM, Kurnool-518007.	1Week	28th November to 2nd Dec 2019.
4	Sri K Rama Krishna	AICTE Training and Learning Academy Programme on ARTIFICIAL INTELLIGENCE organized by Department of CSE, IITDM, Kurnool-518007.	1Week	28th November to 2nd Dec 2019.
5	Smt T Swathi	AICTE Training and Learning Academy Programme on ARTIFICIAL INTELLIGENCE organized by Department of CSE, IITDM, Kurnool-518007.	1Week	28th November to 2nd Dec 2019.
6	Ms W Yasmin	AICTE Training and Learning Academy Programme on ARTIFICIAL INTELLIGENCE organized by Department of CSE, IITDM, Kurnool-518007.	1Week	28th November to 2nd Dec 2019.
7	Smt G DivyaPraneetha	AICTE Training and Learning Academy Programme on ARTIFICIAL INTELLIGENCE organized by Department of CSE, IITDM, Kurnool-518007.	1Week	28th November to 2nd Dec 2019.
8	Sri K Naga Koushilreddy	AICTE Training and Learning Academy Programme on ARTIFICIAL INTELLIGENCE organized by Department of CSE, IITDM, Kurnool-518007.	1Week	28th November to 2nd Dec 2019.
9	Sri S Sonti Siva Reddy	AICTE Training and Learning Academy Programme on ARTIFICIAL INTELLIGENCE organized by Department of CSE, IITDM, Kurnool-518007.	1Week	28th November to 2nd Dec 2019.
10	Dr S Vyshali	AICTE Training and Learning Academy Programme on ARTIFICIAL INTELLIGENCE organized by Department of CSE, IITDM, Kurnool-518007.	1Week	28th November to 2nd Dec 2019.
11	Sri KC Raghavendra	AICTE Training and Learning Academy Programme on ARTIFICIAL INTELLIGENCE organized by Department of CSE, IITDM, Kurnool-518007.	1Week	28th November to 2nd Dec 2019.
12	Sri MVR Vittal	AICTE Training and Learning Academy Programme on DATA SCIENCEorganized by Department of CSE, IITDM, Kurnool-518007.	1Week	21st to 25th November 2019.
13	Sri G Pavan Kumar	AICTE Training and Learning Academy Programme on DATA SCIENCE organized by Department of CSE, IITDM, Kurnool-518007.	1Week	21st to 25th November 2019.
14	Sri T Thammi Reddy	AICTE Training and Learning Academy Programme on IoT organized by Department of CSE, IITDM, Kurnool-518007.	1Week	5th Dec to 9th Dec 2019

15	Smt M Chaitanya	AICTE Training and Learning Academy Programme on IoT organized by Department of CSE, IITDM, Kurnool-518007.	1 week	5th Dec to 9th Dec 2019
16	Sri G Ramesh	Three-day National Workshop for faculty on Artificial Intelligence, Machine Learning and Deep learning Sponsored by DST, Delhi. Gates Engineering College, Goothy	3 day	18th to 20 Nov 2019
17	Dr R Sudheer Babu	Three-day National Workshop for faculty on Artificial Intelligence, Machine Learning and Deep learning Sponsored by DST, Delhi. Gates Engineering College, Goothy	3 day	18th to 20 Nov 2019
18	Sri T. Thammi Reddy	Designing with Zynq SOC and its Applications, Collaboration with university Industry Interaction Centre (UIC), JNTUH and Coreel Technologies, Hyderabad	3 day	16-10-2019 to 18-10-2019
19	Sri G Pavan Kumar	Machine Learning and Data Analytics using Python E&ICT Academy, IIT Roorkee	1 week	9th Sep to 13th Sep 2019
20	Sri G Pavan Kumar	Data science and Big Data Analytics, GPREC	2weeks	26th Aug 2019 to 7 thSeo 2019
21	Sri. K Raju	Emerging Trends in Machine Learning for Biomedical Applications Sponsored by AICTE, Narasaraopet Engineering College	2 weeks	29th July -10th August 2019
22	Dr S Saheb Basha	FDP on Student induction and organised at ChadalawadaRamanamma Engineering College, Tirupathi.	3 day	10th -12th June 2019

2. **Guest Lectures arranged:**

Department of ECE organized a Guest Lecture on "Fundamental Understanding of Electronic Components" by Dr K. V. Eshwara Moorthy, Assistant Professor Dept of ECE, IIIT DM , Kurnool on 12-07-2019.

3. **Papers Presented/Achievements:**

International/ National Journals:

S.No	Name of the Faculty	Title of the Paper	Name of the Journal
1	Dr. SalaiThillaiThilagam,	Design and Implementation of an Area Efficient Fused Add Multiply Operator Using Clock Gating Technique	Jour of Adv Research in Dynamical & Control Systems, Vol. 11, 06-Special Issue, 2019
2	Sri A Venkata Subba Reddy	Design of High-speed clock and data recovery circuits by using multilevel half rape phase detector	Jour of Adv Research in Dynamical & Control Systems, Vol. 11, 06-Special Issue, 2019
3	Dr. M V R Vittal	MIMO_OFDM Efficient channel estimation systems in high mobility sensing	International journal of scientific &Technology Research Volume 8, Issue 7, September 2019.

4	Dr Shaik Saheb Basha	Automatic eye screening method based on a multi anatomical retinal system segmentation with the help of morphology & Fuzzy Logic	International journal of Innovative Technology and exploring engineering, vol 8 issue 10, August 2019
5	Sri G Amzad Khan	Speech enhancement through an extended sub-band adaptive filter for non-stationary noise environments	Advance in decision sciences, Image processing, security and computer vision, ICETE 2019 , August 2019
6	Dr. Abdul Khayyum	Feature – based classification and segmentation of mitral regurgitation echocardiography images quantification using PISA methos	International Journal of Biomedical Engineering and Technology, Volume 31, Issue No 04, August 2019
7	Dr R Sudheer Babu	Feature – based classification and segmentation of mitral regurgitation echocardiography images quantification using PISA methos	International Journal of Biomedical Engineering and Technology, Volume 31, Issue No 04, August 2019
8	Dr S.M ShamsheerDaula	Design and Verification of Advanced High-Performance Bus Lite Protocol Using Questa Sim	Journal of Advanced Research in Dynamical and Control Systems (JARDCS), Volume-11, Issue-09, August 2019 , pp: 305-312
9	Sri G Ramesh	Design of Low Power Hybrid Gaincell-e DRAM for Embedded Processors	'International Journal of Engineering and Advanced Technology (IJEAT)', ISSN: 2249-8958 (Online), Volume-8 Issue-6, August 2019, Page No.:4731- 4733.
10	Dr Shaik Saheb Basha	Joint deblurring and denoising of hyperspectral images with PCA and Total variation	International journal of Innovative Technology and exploring engineering, vol 8 issue 9s2, July 2019
11	Dr R Sudheer Babu	Joint deblurring and denoising of hyperspectral images with PCA and Total variation	International journal of Innovative Technology and exploring engineering, vol 8 issue 9s2, July 2019
12	Smt K Udaya Kiran	License Plate Character Recognition using Reisz Fractional and Convolutional Neural Network.	International journal of Innovative Technology and exploring engineering, vol 8 issue 9s2, July 2019
13	K.Suresh Reddy	"Optical Burst Routing by Balanced Wavelength Allocation under Multi-objective quality metrics"	Accepted in Wireless Personal communications, vol.107, No.2, pp 1093-1114, Springer, July 2019.

International/ National Conferences:

S.No	Name of the Faculty	Title of the Paper	Details of the Conference
1	Sri. D Sharath Babu Rao	Spectacular Approach To Improve Linearity & Gain In Low Noise Amplifiers In Wireless Receiver Applications Using Cad Tools	5th International Conference on Signal Processing, Communications And System Design (ICSPCOMSD-2019) ICSPCOMSD-2019, Malla Reddy Engineering College For Women, 6th& 7thdecember.
2	Sri.D Sharath Babu Rao	A 600mV +12 dBm IIP3 CMOS LNA WITH Gm SMOOTHENING AUXILIARY PATH for 2.4 GHz wireless Applications	BDCC 2019 - 2nd EAI International Conference on Big Data Innovation for Sustainable Cognitive Computing December 12-13, 2019
3	Dr. SalaiThillaiThilagam.J	Microwave Band Pass Filter Design Realization in Microstrip Patch	Coimbatore, India International Conference on Computing Communication and Electrical Technologies, Hyderabad, Telangana, 29th – 30th August 2019
4	Dr. M.V.R.Vittal	Microwave Band Pass Filter Design Realization in Microstrip Patch	International Conference on Computing Communication and Electrical Technologies, Hyderabad, Telangana, 29th – 30th August 2019
5	Sri. B.Siva Reddy	Microwave Band Pass Filter Design Realization in Microstrip Patch	International Conference on Computing Communication and Electrical Technologies, Hyderabad, Telangana, 29th – 30th August 2019
6	Sri. T.Sarath Babu	Microwave Band Pass Filter Design Realization in Microstrip Patch	International Conference on Computing Communication and Electrical Technologies, Hyderabad, Telangana, 29th – 30th August 2019
7	Dr. S Vyshali	Classification of Hyper spectral images using hierarchical guidance filtering	International Conference on Advances in Electronics and Communication Engineering (ICAECE2019), at CMR college of Engg and Technology, Hyderabad, 9th and 10th July 2019.
8	Dr P Abdul Khayum	Classification and Detection of plant Diseases using higher order dynamic conditional random fields through spatial multi temporal images	International Conference on Advances in Electronics and Communication Engineering (ICAECE2019), at CMR college of Engg and Technology, Hyderabad, 9th and 10th July 2019.

9	Smt C Rajeswari	Maximum Mechanism for spectrum and energy efficiencies in wireless networks using device to device Communications	International Conference on Advances in Electronics and Communication Engineering (ICAECE2019), at CMR college of Engg and Technology, Hyderabad, 9th and 10th July 2019.
10	Sri K Naga Koushilreddy	Design and verification of serial Peripheral Interface Protocol using Questasim	International Conference on Multi-disciplinary Research Studies and Education (ICMDRSE-19) by Institute for engineering research and publications. June 28th-29th 2019, Hyderabad

4. Ph.D awarded:

S.No	Name of the Faculty	Title of Thesis	University	Date of Award of the Degree
1	Dr.G.Amjad Khan	Subjective and objective Evaluation Measures for Speech Enhancement in Stationary and Non Stationary Noise Environment	Rayalaseema Univerisity	11-12-2019

5. New Faculty Recruited:

S.No.	Names of Faculty	Designation	Qualification	Photo
1	Sri K.C.Raghavendra	Assistant Professor	M.Tech	
2	Ms K.SaiNikhitha	Assistant Professor	M.Tech	

7. Up gradation of Lab Equipment:

1. MATLAB Campus License Standard Configuration with 18 tool boxes along with 32 Add on tool boxes, Unlimited Users (Purchase date :25-10-2019)
   Cost: 9, 45,187 Capricot Technologies Pvt Ltd., Bangalore.

2. PCB Prototype Making & Antenna Designing Machine with Software   (Purchase Date 21-11-2019)
   Cost   Rs: 6, 16,845 APPLY VOLT, Vijayawada -10

Students' Information

No. of Students registered for NPTEL Courses: 69

NPTEL Online Courses:

Details of the Students registered and qualified for the NPTEL Online Course for the academic year 2019-2020(odd sem)

S.No	Name of the Student	Title of the Course	Details of the NPTEL FDP	Successfully Completed / Not Completed
1	Y.UshaSri (179X1A04H5)	Python for Data Science	An 4 week course conducted by IIT Madras, August to September 2019	Successfully Completed
2	CSiva Rami Reddy (179X1A0486)	Basic Electric Circuits	An 12 week course conducted by IIT Kanpur , July to October 2019	Successfully Completed
3	J.Ramya (179X1A04F3)	Fundamentals of Electronic Device Fabrication	A 4 week course conducted by IIT Madras, July to August 2019	Successfully Completed
4	K.BinduSarika (189X5A04K3)	Introduction to Internet of Things	An 12 week course conducted by IIT Kharagpur, July to October 2019	Successfully Completed
5	S.VijayaLakshmi (179X1A04E7)	Digital Circuits	An 12 week course conducted by IIT Kharagpur July to October 2019	Successfully Completed
6	G.RamaKrishna Reddy (179X1A0444)	Microelectronics :Devices to Circuits	An 12 week course conducted by IIT Roorkee July to October 2019	Successfully Completed

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

1. Events conducted/ organized:

1. Department of EEE in association with GPREC IEEE PES/IAS Student Chapters organized a three day Student Technical Workshop on "Industrial Process and Automation(IPA-2019) during 27th to 30th September 2019. Venjay Automation Bengaluru, Karnataka.

2. The GPREC IEEE RAS chapter has organized a One Day workshop on "Awareness on Industrial Robotics" by Sri Sadanad Lanka, CEO and MD of VIVA Tech Hyderabad on 27th July 2019.

2. Workshops /Conferences /Seminars attended :

S.No	Name of the Faculty	Workshop/Conference / Seminar attended	Held at	Date(s)
1	Dr. C Harinatha Reddy	visited Macau, China to attend PESChapters Training and attended APPEC conference organized by IEEE PES chapter Region 10 held at;	University of Macau Macau, China	01/12/2019 to 04-12-2019
2	Sri.B.Amarnath Naidu	AICTE training and Learning Academy programme on Artificial Intelligence organized by Indian Institute of Information Technology(IIITDM), Kurnool.	Indian Institute of Information Technology (IIITDM), Kurnool.	28th Nov-2nd Dec 2019
3	Dr.G.Satheesh			
4	Dr.V.Anantha Lakshmi			
5	Dr.L.RajaSekharGoud			
6	Dr.B.Urmila	AICTE training and Learning Academy programme on Internet of Things organized by Indian Institute of Information Technology(IIITDM), Kurnool.	Indian Institute of Information Technology (IIITDM), Kurnool.	5th Dec-9th Dec
7	Sri.B.Amarnath Naidu			
8	Dr.Nayeemuddin			
9	Smt.G.Haritha			
10	Sri.K.Siva Sankar Reddy			
11	Dr.M.SivaSatyanarayana			
12	Dr.L.RajaSekharGoud			
13	Mr.B.Amarnath Naidu	AICTE sponsored three-day Faculty Development Program on " Faculty development program on student induction(FDP-SI)" organized by G.Pulla Reddy Engineering College, Kurnool	GPREC Kurnool	19th Dec-21st Dec 2019
14	Sri.K.Siva Sankar Reddy	AICTE Sponsored two-week Faculty Development Program on "Data Science and Big Data Analytics" organized by G.Pulla Reddy Engineering College.	GPREC	26th Aug-7th Sep 2019.
15	Dr. C. Harinatha Reddy	Design of MOOCS courses using Moodle	NIEPA, New Delhi	5th -10th August 2019

3. Guest Lectures arranged:

1. The GPREC IEEE PELS Students Chapter of EEE dept has arranged a guest lecture on "Electric Vehicles", by Dr. P.V. Raja Gopal garu, Retd G.M. BHEL R&D and Chairman IEEE PES/IAS/PELS Joint Chapter of Hyderabad Section on 2nd July 2019.

2. The GPREC IEEE PES Students Chapter of EEE dept has arranged a guest lecture on "Engineering Nitty Gritty", by Sri N Santhosh an Alumni of GPREC EEE 2001 graduated working for Robert Bosch, Bengaluru, on 14th August 2019.

3. The GPREC IEEE student Branch has arranged a professional talk on "Acquiring Employability Skills-Need of the hour", by Ms Suraiah Thaseen an Alumni of GPREC EEE 2017 graduated working for Accenture, bengaluru on 1st October 2019.

4. The GPREC IEEE RAS Students Chapter of EEE dept has arranged a Guest lecture on " Arduino Micro Controller and its Applications", By Dr. G. Sateesh, Associate Professor, EEE dept of GPREC Kurnool on 3rd October, 2019.

4. Papers Presented/Achievements:

Publications in International Journals

S.No	Authors	Title of the Paper	Published in / Issue No / Vol.No/ Year/Month/ Pages
1	G. Sreenivasa Reddy1, T. Bramhananda Reddy2, M. Vijaya Kumar3	Analysis of Medium Scale Solar PV System Performance on Grid tied single-stage Conversion System	Special Issue, No.-3, pp 97-113, September (2019)
2	M. Nayeemuddin, T. Bramhananda Reddy, M. Vijaya Kumar	Level Shifted Carrier Signal Based Scalar Random Pulse Width Modulation Algorithms for Cascaded Multilevel Inverter Fed Induction Motor Drive	Vol:13, No:7, pp.507-515, 2019
3	P. Haripriya, N.S. Chakravarthy, Y.V.Siva Reddy	Knowledge Management Practices in Technical Educational Institutions using ICT tools of Rayalaseema Region in Andhra Pradesh	Volume-8, Issue-2S3, pp.1083-1090, July 2019
4	A. Nagaraju, N. Ravi Sankar Reddy, R. Kiranmayi	Field Stress Control of a Functionally Graded Disk Type Spacer in a Gas Insulated Bus Duct with Metal Inserts	Volume-8 Issue-9, July 2019
5	S.L.V Sravan Kumar. N. Ravi Shankar Reddy. M. Vijay Kumar	Quasi Switched Capacitor based Integrated Boost Series Parallel Fly-Back Converter for Energy Storage Applications	Vol.78, pp.711-715, Oct 2019
	Publications in International Conferences		
6	J.Bala Krishna, T. Bramhananda Reddy, M. Vijaya Kumar	Implementation of Random Pulse Width Modulation Techniques for the open end Winding Five phase Motor Drives for Reduce Acoustic Noise and Harmonic Distortion	15th and 16th November 2019
7	J.Bala Krishna, T. Bramhananda Reddy, M. Vijaya Kumar	Discontinuous PWM Techniques to Eliminate Over-Charging Effects in Four-Level Five –Phase Induction Machine Drives	15th and 16th November 2019

5. New Faculty Recruited:

S.No.	Names of Faculty	Designation	Qualification	Photo
1	S. Renuka	Assistant PRofessor	M.Tech	
2	M. Sreenivasa Reddy	Assistant PRofessor	M.Tech	

Workshops /Conferences /seminars attended :

S.No	Names(s) of Students	Department	Workshop/Conference /Seminar attended	Held at	Date(s)
1	M.Sagarika	II EEE A Section	IEEE Section Student Congress conducted by IEEE Hyderabad Section	JNTUH Hyderabad	10th August 2019
2	A.Madhuri Reddy	II EEE B Section			
3	D.Sukeerthi	II EEE A Section			
4	Khatri Vinaykumar	II EEE A Section			
5	J.Nithish Kumar	II EEE A Section			
6	Y. Dharani Srinivas	IV EEE A Section			
7	K.Chakradhar	IV EEE A Section			
8	Anusha Godugu	III EEE A Section			
9	Gaddam Shivakumar	III EEE A Section			
10	Vikas Kumar Beema	III EEE A Section			
11	B.Likhitha	III EEE B Section			
12	V rajasekhar	III EEE B Section			
13	G.Sai Vandhana	III EEE A Section			
14	D.Tejaswari	III EEE B Section			
15	E.V.Raviteja Goud	III EEE B Section			
16	Althaf Hussain	III EEE B Section			
17	Gaddam Shivakumar	III EEE A Section	IEEE All India Young Professional, Women Student Congress 2019	CMR Group of Institutions, Hyderabad	28th-30th Sept.2019
18	Y. Dharani Srinivas	IV EEE A Section	IEEE All India Computer Society Student Congress	A.D. Patel Institute of Technology, Anand, Gujarat	11th- 13th October 2019

Students' Achievements:

Mr. Dharani Srinivas of IV EEE received **Outstanding Student volunteer** award from IEEE Hyderabad Section during the year 2019.

The GPREC IEEE Student Branch received **"Lead Student Branch"** Award for the year 2019 from IEEE Hyderabad Section.

The GPREC IEEE PES Student Chapter stood at **21st position** across the world in IEEE PES High Performance Student Branch Chapter Award 2018 and was declared in December 2019.

DEPARTMENT OF MECHANICAL ENGINEERING

1. Events Conducted/ Organized:

▸▸| Department of Mechanical Engineering organized a One Week Training program on ROBCAD and CNC Turning (Foundation Level) for V Semester students during 29th July, 2019 to 03rd August, 2019 in association with A.P.S.S.D.C.

2. Workshops /Conferences /Seminars attended :

S.No	Name of the Faculty	Workshop/Conference/ Seminar attended	Held at	Date(s)
1	Dr R.Meenakshi Reddy	Innovation, Entrepreneurship, Funding schemes and Opportunities	Reva University, Bangalore	3-4 January 2020
2	J.Kishore	Faculty Development Program for Student Induction	GPREC	19-21 December 2019
3	Dr E.Venugoapl Goud	Faculty Development Program for Student Induction	GPREC	19-21 December 2019
4	Dr G.Suresh kumar	Faculty Development Program for Student Induction	GPREC	19-21 December 2019
5	G S Guru Dattatreya	Artificial Intelligence	IIITDM, Kurnool	28th Nov 2019 to 02nd Dec 2019
6	A Naga Phaneendra	Artificial Intelligence	IIITDM, Kurnool	28th Nov 2019 to 02nd Dec 2019
7	N.Krishnarjuna Rao	Artificial Intelligence	IIITDM, Kurnool	28th Nov 2019 to 02nd Dec 2019
8	G R Krishnar Prasad Yadav, J.Kishore, G. Shaikvali	Second International Conference on Sustainable Energy Resources, Materials and Technologies	SSN College of Engineering, Kalavakkam, TamilNadu	14-15 March 2019
9	Dr R.Meenakshi Reddy	One Day Workshop on NIRF	Acharya Nagarjuna University, Guntur	17th October 2019
10	Dr R.Meenakshi Reddy	Three day Workshop on NAAC's New Framework for Accreditation and Assessment of HEIs: Opportunities & Challenges	GNITS, Hyderabad	19th -21st September 2019
11	P Naga Vishnu	One week FDP on Machine Learning and Data Analytics using Python	IIT Roorkee	9th – 13th September 2019
12	A.Vamsikrishna	One week FDP on Machine Learning and Data Analytics using Python	IIT Roorkee	9th – 13th September 2019

13	A.Vamsikrishna	Two Weeks FDP on Data Science and Big Data Analytics .	GPREC	26th August 2019 to 7th September 2019
14	Dr R.Meenakshi Reddy	5th Postgraduate Colloquium in Environmental Research	University of Nottingham	8-9 August 2019
15	Dr.G Sankariah, gsk, vsk	Second International Conference on Sustainable Energy Resources, Materials and Technologies	SSN College of Engineering, Kalavakkam,TamilNadu	14-15 March 2019
16	Dr G.Suresh kimar	Request to acceptance as a Session chair for the national conference	Nalla Narasimha Reddy Education Society's Group of Institution	15-16 March 2019
17	Dr G.Suresh kumar	One Week FDP on Outcome Based Education	IIITDM, Kurnool	6th – 11th May 2019
18	Dr.G Sankariah	Three day FDP on Student Induction	Chadalawada Ramanamma Engineering College (Autonoumous), Tirupati	10-12 June 2019

3.   **Guest Lectures arranged:**

▶▶| A Guest Lecture has been arranged on Opportunities for Mechanical Engineers by Alumni of GPREC on 03rd August 2019.

▶▶| A Guest Lecture has been arranged on Product Life Cycle Management in Industries by Dr.Mallikarjun Koripadu Associate Director, Convace Pharma Pvt. Ltd., Bangalore on 20th July, 2019.

4.   **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.Meenakshi Reddy	Fabrication & Study of PCM based waste heat recovery system	5th Postgraduate Colloquium for Environmental research 2019(POCER 2019), 8-9 August 2019
2	Dr.R.Meenakkshi Reddy Sri.A.Nagaphanidra	Thermal Energy storage system Performance by the use of PCM – Variable heat source	5th Postgraduate Colloquium for Environmental research 2019(POCER 2019), 8-9 August 2019
3	Dr P.Hari sankar	The design and analysis of a Brake disc of the Two wheeler	International Journal of Mechanical and Production Engineering research and development, ISSN: 2249-6890, Volume9, Issue4, August 2019.

4	Sri.M.Murali Mohan	Investigation of Mechanical properties of Aluminium 7075 Matrix hybrid Composites	International journal of analytical and experimental Modal analysis. (IJAEMA) ISSN: 0886-9367, September 2019.
5	Sri.P,Rajendra Prasad Sri.D.Mohana Krishnudu Dr.E.Venugopal goud	An Investigation on Mechanical and wear characteristics of Al 6063/Tic metal matrix Composites using RSM	Journal of Bio and Tribo corrosion. ISSN: 2198-4220, Volume5, Number 4 September 2019.
6	Sri.G.S.Guru Dattatyeya Sri.N.Krishnarjuna Rao Sri.G. R. Krishna Prasad Yadav Sri.J. Kishore	Experimental Investigation on Diesel Engine Fuelled with blends of Coconut and neem oil	International Journal of Mechanical and Production Engineering research and development, ISSN: 2249-6890; Volume9,Issue5 October 2019
7	Sri.V. Mahanandi Reddy	Fabrication and Structureal Analysis of Aluminium Alloy (LM 16) Reinforced with Graphite and Granite Powder	International Journal of Mechanical and Production Engineering research and development, ISSN: 2249-6890; Volume9,Issue5 October 2019
8	Dr.H. Raghavendra Rao Dr. K. Madhava Reddy Dr.R. Meenakshi Reddy	Effect of Fibre Orientation and Mechanical Properties of Hardwika Binata and Bamboo Fibre Reinforced Epoxy Composites	Materials Today Proceedings (Elsevier), ISSN: Elsevier, 2019
9	Sri.R. Manohar Babu N. Lavanya	Experimental Investigation of Solar Dryer using Phase Change Material	International Journal of Mechanical and Production Engineering research and development, ISSN: 2249-6890; Volume9,Issue5 October 2019
10	Sri.P. Rajendra Prasad Sri.D. Mohana Krishnudu	Experimental Analysis of Triple Tube Heat Exchanger with TiO2 Nano Fluid	International Journal of Scientific and Technology Research, ISSN: 2277-8616, Volume 8, Issue 9, September 2019
11	Dr.G. Sankaraiah Dr.G. Suresh Kumar Dr.V. Satish Kumar	Experimental and Comparative Study on Material Effect of Vortex Tube on the Cold Outlet Air Temperature	AIP Conference Proce-edings, ISSN: 020021-1, Doi: 10.1063/1.5127612 2nd October 2019.
12	Dr.Y. V. Mohan Reddy Dr.H. Raghavendra Rao	Development and Testing of Pine Apple and Glass Fibre Reinforced Epoxy Hybrid Composites	Blue Eyes Intelligence Engineering and Sciences Publication, ISSN: 2277-3878 ,Volume 8, Issue-3, September 2019

13	Sri.G. R. Krishna Prasad Yadav	Experimental Evaluation of Piston using Aluminium Alloy (LM 24) Reinforced with SIC and Graphite	International Journal of Mechanical and Production Engineering research and development, ISSN: 2249-6890; Volume9,Issue5 October 2019
	Publications in International Conferences		
1	Dr R.Meenakshi Reddy	Fabrication & Study of PCM based waste heat recovery system	**POCER 2019 Proceedings , 8-9 August 2019**
2	Dr.R.Meenakkshi Reddy Sri.A.Nagaphanidra	Thermal Energy storage system Performance by the use of PCM – Variable heat source	**POCER 2019 Proceedings , 8-9 August 2019**

5. New Faculty Recruited:

S.No.	Names of the Faculty	Designation	Qualification	Photo
1	Dr.V.Sai Kumar Reddy	Assistant Professor	Ph.D.	
2	Sri.S.Malleswara Reddy	Assistant Professor	M.Tech.	
3	Sri.E Pradeep Kumar Reddy	Assistant Professor	M.Tech.	
4	MS.P. Amrutha Preethi	Assistant Professor	M.Tech.	
5	Ms.M Sreeja	Assistant Professor	M.Tech.	
6	Sri.Bharath Kumar S B	Assistant Professor	M.Tech.	

7.   Up gradation of Lab Equipment:

• **CAD/CAM Lab was upgraded with 25 systems of configuration of I5 9th Gen Processor, 8 GB RAM and 1 TB HDD of DELL OPTILEX 3470 Model.**

Workshops /Conferences /Seminars attended :

⯈ Around 10 Students of VI Semester had participated in the IEEE AHCSSC 2020 with the theme Digital Reality, AI and Robotics held at Anurag Group of Institutions, Hyderabad during 3rd to 4th January, 2020.

⯈ A total of 64 Students of VI Semester had attended Two day workshop on Applications with MATLAB-2019b held at GPREC Kurnool during 27th and 28th December, 2019.

⯈ A total of 43 Students had undergone a training program on CNC Turning (Foundation Level) in association with A.P.S.S.D.C. at GPREC during 30th September, 2019 to 05th October, 2019.

⯈ Around 40 Students have attended Two day workshop on 3D Printing at IIITDM Kurnool, during 28th to 29th September, 2019.

⯈ A total of 61 students of V semester have attended the training on ROBCAD and CNC Turning (Foundation Level) conducted at GPREC in association with A.P.S.S.D.C. during 29th, July to 03rd August, 2019.

⯈ A Total of 135 Students of V and III Semester have participated in One day workshop on Industrial robotics at GPREC on 27th July, 2019.

Papers Presentations:

S.No	Title of the Paper	Participant's Name
1	Fabrication & Study of PCM based waste heat recovery system	R. Deepika, V Sem ME
2	Thermal Energy storage system Performance by the use of PCM – Variable heat source	R. Deepika, V Sem ME
3	3D Printing	NK Farhath Muskan, V Sem ME

Students' Achievements:

⯈ R Deepika of fifth semester presented two papers in the International Conference, POCER, organized by Research Center of Green Technologies, University of Nottingham, Malaysia during 8th and 9th of August, 2019.

⯈ NK Farhath Muskan of fifth Semester secured First Prize in the Paper presentation conducted by Sree Vidyanikethan Engineering College, Tirupati during 27th to 29th September, 2019.

DEPARTMENT OF HUMANITIES AND BASIC SCIENCES

1.   **Workshops /Conferences /Seminars attended :**

S.No	Name of the Faculty	Workshop/Conference / Seminar attended	Held at	Date (s)
1	Dr. V. Raghavendra Prasad	AICTE sponsored Faculty development Programme on Student Induction Programme	JNTUA College of Engineering, Ananthapuramu	29th to 31st Oct, 2019
2	Sri. Y. V. Siva Kumar	AICTE sponsored Faculty development Programme on Student Induction Programme	JNTUA College of Engineering, Ananthapuramu	29th to 31st Oct, 2019
3	K.Sharath Kumar Reddy	Three day National workshop on Pedagogical skills for faculty in outcome-based education	JNTUA College of Engineering, Ananthapuramu	6th to 8th, Dec. 2019
4	Dr. P.Pavan Kumar	Three day National workshop on Pedagogical skills for faculty in outcome-based education	JNTUA College of Engineering, Ananthapuramu	6th to 8th, Dec. 2019

2.   **Papers Presented/Achievements:**

Publications in International Journals

S.No	Authors	Title of the Paper	Published in / Issue No / Vol.No/ Year/Month/ Pages
1	P. Hari Priya	Knowledge management: Practices in Technical Educational Institutions Using ICT tools of Rayalaseema Region in Andhra Pradesh	International Journal of Recent Technology and Engineering (IJRTE), Vol. VIII, (2S3) 2019, pp. 1083-1090
2	Dr.T.Ramachar	Assessment Of Physico-Chemical Characteristics Of Kurnool-Cuddapah Canal Water In Kurnool City, Andhrapradesh, India	Indian Journal of Environmental Protection, Vol. 39, (10) 2019, pp. 918-923
3	A.Ganesh	Assessment Of Physico-Chemical Characteristics Of Kurnool-Cuddapah Canal Water In Kurnool City, Andhrapradesh, India	Indian Journal of Environmental Protection, Vol. 39, (10) 2019, pp. 918-923
4	G.Ujwala	Assessment Of Physico-Chemical Characteristics Of Kurnool-Cuddapah Canal Water In Kurnool City, Andhrapradesh, India	Indian Journal of Environmental Protection, Vol. 39, (10) 2019, pp. 918-923

3. Ph.D awarded:

S.No	Name of the Faculty	Title of Thesis	University	Date of Award of the Degree
1	Nasreen Noor	The Portrayal of Subalatern in the select fiction of Mahasweta Devi: A study	JNTUA, Ananthapuramu	20-08-2019

4. New Faculty Recruited:

S.No.	Name of the Faculty	Designation	Qualification	Photo
1	Alamuri Sri Nidhi	Assistant Professor of English	M.A. English	
2	A. Jerusha	Assistant Professor of English	M.A. English	

EXTRA ACADEMIC ACTIVITIES
VIVEKANANDA STUDY CIRCLE

S.No.	Name of the Event	Date(s)	Total no of participants/volunteers
1	Orientation program for freshers	26/07/2019	40
2	One week orientation program conducted to first year students	28/07/2019 to 2/08/2019	50
3	Blood donation camp	26/07/2019	75
4	Plastic free awareness camp at Dinnedevarapadu	17/08/2019	75
5	Guest lecture on human values	20-07 2019	300
6	Guest lecture on Human Excellence	24-07-2019	500
7	Independence Day competitions	5th to 9th August 2019	100
8	Making clay Ganesha idols	19/08/2019 to 1/09/2019	50
9	Teachers day celebrations	05-09-2019	20
10	Tree plantation	15-09-2019	25
11	Village visit	2nd October 2019	60
12	Guest Lecture on Personality Development	05-11-2019	500
13	Blood donation camp	06-12-2019	100
14	Awareness ralley to avoid plastic	14-12-2019	150
15	Sishumandir visit to contribute to poor students	21-12-2019	110

BHUVANAVIJAYAM

S.No.	Name of the Event	Date(s)	No of students participated
1	Orientation program for freshers	26/07/2019	40
1	Two week induction program for 1st year B.Tech of 2019-20	19th to 31st August 2019	780
2	Guest Lectures by Eminent Persons in field of Literature	19th to 31st August 2019	780
3	Telugu Bhasha Dinothsavam	29th August 2019	12
4	District Level Cultural and Literary Competitions at Silver Degree College Kurnool	24th September 2019	15
5	National Level Cultural Competitions [Only on Sundays] by S V Foundation, Kurnool	30th July to 03rd September 2019	14
6	One Day Literary Program along with sahithya academy on KaviSammelanam	21st September 2019	195
7	One-Day TV Show Program by Gemini Music TV on "College Diaries".	30th October 2019	45

ACHIEVEMENTS

1. Mr. Rahul Narahari of IV year ECE Dept. won Ist Prize in Singing event organized by S V Foundation, on 30th July 2019.

Speech on Literary Activities

Convener of Bhuvanavijayam
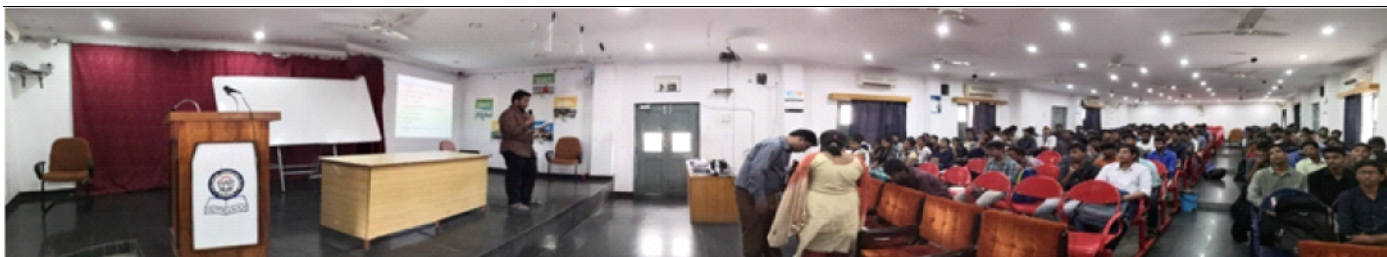Presentation on activities of the Forum

Students participating in Mind Game activities

Play let / Skit being enacted
Senior Students in Action

Book Reading activity / Story telling

Impromptu/ Ex-tempore Speaking

A view of the Group Discussion

Speech on Telugu Literature by Smt. K Subhashini,
Internal Resource Person and Associate Professor, Dept. of HBS

KAVISAMMELANAM – On 21st September, 2019

NATIONAL SERVICE SCHEME

- NSS Unit of the College conducted the Inaugural function for II B.Tech NSS students on 20-07-2019.

- NSS Unit of the College organized "Blood Donation Camp" on 26-07-2019 at R.V.Seshacharyulu Hospital within campus in which 56 donors donated blood for noble cause.

- NSS Unit of the College conducted an orientation program for II B.Tech NSS students on 03-08-2019.

- NSS Unit of the College conducted"One student one tree "tree plantation drive" –in college campus. Faculty members, NSS volunteers of GPREC participated and planted 60 trees in college campus on 10-08-2019.

- NSS Unit of the College conducted a Cleaning Programme and pouring water to planted trees in college campus on 24-08-2019.

- NSS Unit of the College conducted a meeting for UNIT I & II on 31-08-2019 to collect innovative ideas from NSS Volunteers. The ideas are as follows

  ▶▶│ Campus Cleaning Programme

  ▶▶│ Tree Plantation

  ▶▶│ Blood Donation Camps

  ▶▶│ Cleaning Programme in adapted village

  ▶▶│ Awareness Programmes

  ▶▶│ Medical Camp in adapted village

  ▶▶│ Proposal of arranging dustbins for every department on campus

  ▶▶│ Special Camp in adapted village

- NSS Unit of the College conducted Rally on "awareness on plastic ban" at Dhinnedevarapadu village on 21-09-2019.

- NSS Unit of the College conducted Essay Writing (English or Telugu) competition on "Ban of Plastic use" to the students on behalf of "Golden Jubilee Celebrations of NSS Day on 24th September, 2019 on 24-09-2019.

- NSS Unit of the College celebrated Golden Jubilee Celebrations 2019 and prizes and certificates are given to the winners of Essay Writing competitions on "Ban of Plastic Use "on 29-09-2019.

- NSS Unit of the College conducted "One student one tree " tree plantation drive-in college campus on 12-10-2019 and 19-10-2019

- NSS Unit of the College organized "Blood Donation Camp" on 06-12-2019 at R.V.Seshacharyulu Hospital within campus in which 103 donors donated blood for noble cause.

- NSS Unit of the College visited "Akshitha Blind Home" at Pasupula village and distributed fruits and groceries to them on 07-12-2019.

- NSS Unit of the College participated in rally on "Awareness Program on Sanitation and Cleanliness" in Dhinnedevarapadu village on 14-12-2019.

- NSS Unit of the College interacted with students of Saraswathi Shishu Mandir School and donated school fee for poor and needy pupil on 21-12-2019.

INNOVATION CLUB

ACTIVITIES

Innovation Club has conducted Innovative Idea Contest Kreative 2K18 on 24/02/2018 (Saturday). The Jury Member was Sri K. Nagabhushan Reddy, Software Architect, IntelCorp.,Bangalore

Innovation Club has conducted an All India Innovative Idea Contest Sparkle 2k18 on8th and 9th October, 2018. About 25 teams from different colleges in AP have participated in the event.

GPREC Innovate India Challenge Contest (1988-92 Batch Alumni) was conducted on 21st February 2019, for the students of GPREC. About 25 batches of the students participated. The first prize for this contest is Rs 10,000/- Second Prize is Rs 7,500/- and the Third Prize is Rs 5,000/-

Auto Quotient Season 8 contest is conducted at GPREC, Kurnool. The students from local colleges participated in the Event.

Auto Quotient Season 9 contest is conducted at GPREC, Kurnool. The students from local colleges participated in the Event.

Auto Quotient Season 10 contest is conducted at GPREC, Kurnool. The students from local colleges participated in the Event. Two students from GPREC Mr Sai Dinesh and Mr P.Dinesh Gowd were selected for All India 2nd round.

Two batches of Students Participated in State level Hackathon contest organized by Government of AP at KL University, Vijayawada August 2019 and won Prizes worth Rs 10,000/- each for their models

About 1500 batches of the students have participated in TCS EngiNx contest 17, 18 and 19 September 2019 organized by TCS
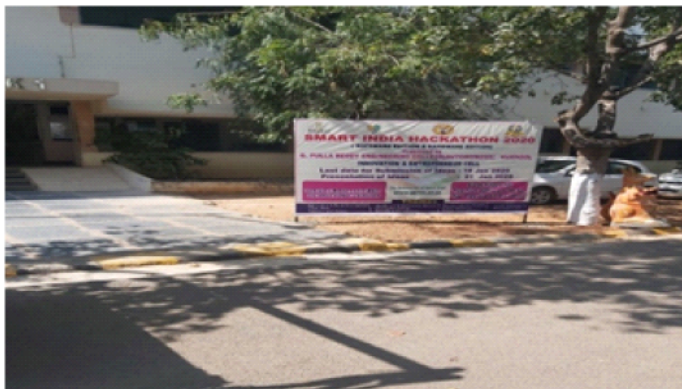
INNOVATION AND INCUBATION CENTRE

GPREC Innovation and Incubation Centre was Inaugurated on 23/11/2019 by Sri B.V.R.Mohan Reddy, Founder & Executive Chairman, Cyient Ltd and Sri Challa Madhusudhan Reddy ,Chairman A.P State Skill Development Corporation.

Sri Challa Madhusudhan Reddy ,Chairman A.P State Skill Development Corporation is addressing the Faculty & Student of the College

Sri B.V.R.Mohan Reddy, Founder & Executive Chairman, Cyient Ltd is addressing the Faculty & Student of the College

WOMEN'S CELL

- A gender sensitization programme was conducted for first year students from 19th to 23rd August, 2019 to aware about gender equality. Dr. D. Kavitha, Professor of CSE was the resource person.

- An Elocution competition was conducted to the girl students on the topic 'Role of Women in Waste Management – Need of the Hour" on 28-08-2019. A total of 25 students participated in the event.

- A drawing competition was conducted to the girl students on the topic 'Central Government Schemes for Women" on 8-09-2019'. The event was conducted with 30 participants

- A counseling program was conducted for the first B. Tech girl students on 24th and 27th September, 2019 to introduce women's cell and its functions in the college. Various activities conducted under the women's cell were introduced to encourage them to involve for the better exposure. Also, the faculty members guided them on various issues like gender awareness, safety, etc.

- A seminar was conducted on the topic "Gender Issues and Legal Awareness for Women" on 28th September, 2019. A quiz was conducted in this session to check the awareness as well as concentration of the students. A total of 270 girl students participated in the session.

- A rally was conducted on "Justice for DISHA" on 4-12-2019 in which 250 girl students have participated. After the case was closed with the encounter on the accused, a discussion was conducted on "A discussion on Disha's Case-Is this the final Solution?" on 7-12-2019. A total of 70 girl students have participated in the discussion.

- A one day workshop on the theme "TRISHUL-Inspire, Empower and Achieve" was organized on 07-01-2020 for the girl students of GPREC. The topics covered were

o   Social Awareness by Dr. K. Subhashini, Assocate Professor of Mathematics, GPREC,

o   Research and Entrepreneurship opportunities for women by Mr. Sourav Karmakar, Founder and head of INFINOS Tech. LLP, India,

o   Women in IT Industry by Smt. Satya Parvatham, Delivery Partner, Managing Offshore Development for Aerospace Customers, TCS,

o   Emotional Intelligence by Dr. B. Vinusha Reddy General Physician, VR Hospitals, Kurnool.

A total of 171 have participants attended the workshop.

CAD FORUM

S.No.	Name of the Event	Date(s)	No. of Students Participated	No. of Students Volunteered
1.	Awareness Program on Master orator Championship Contest	09.07.2019	25	5
2	Essay writing(English and Telugu)	08.08.2019	50	5
3	Elocution (English and Telugu)	09.08.2019	50	4
4.	Master orator Champion ship(MOC) Contest	10.08.2019	90	15
5	Speak Out	28.08.19	24	5
6	Essay Writing in English	05.09.2019	45	4
7	Essay Writing In Telugu	05.09.2019	40	4
8	Technical Dumb charades	27.09.2019	51	5
9	Declamation Contest (District level)	24.10.2019	59	4
10	Paper presentation	06.11.19	25	2

STUDENTS' PARTICIPATION OUTSIDE THE COLLEGE

1) Master orator championship (preliminary round) regional wide contest was conducted by MOC India(a non profitable organization)in association with CAD Forum of GPREC on 10th August 2019 and above 200 students of various colleges participated in this competition. 6 students from G.Pulla Reddy qualified to semifinals.

2) Karnati Soujanya (189X1A0307)of II Year Mechanical had won the first prize in District level Declamation Contest Conducted on 10th October, 2019 by Nehru Yuva Kendra Kurnool in association with CAD Forum of the College at G.Pulla Reddy Engineering College, Kurnool.

3) Karnati Soujanya (189X1A0307) of II Year Mechanical Engineering had participated in State level Declamation Contest Conducted by Nehru Yuva Kendra Guntur at AC College Auditorium, Guntur on 11th November, 2019.

Photos of some of the events conducted:

Inaugural function of Master Orator Championship conducted on 10 August at G.Pulla Reddy Engineering College.

Student participation in Master Orator Championship conducted by MOC and CAD forum of GPREC

Inaugural of District Level Declamation Contest Conducted by CAD forum of GPREC and Nehru Yuva Kendra Kurnool on 24th October 2019.


Participants from various colleges participating in the District level Declamation contest on "Patriotism and Nation building "conducted by CAD forum of GPREC and Nehru Yuva Kendra Kurnool

Karrnati Soujanya (189X1A0307) of II Year Mechanical Engineering won the first prize in District Level Declamation Contest Conducted on 10th October, 2019 by Nehru Yuva Kendra, Kurnool in association with CAD Forum of the College7 at G.Pulla Reddy Engineering College, Kurnool.

Technical Dumb Charades event conducted as a part of CAD forum activities on 27.09.2019
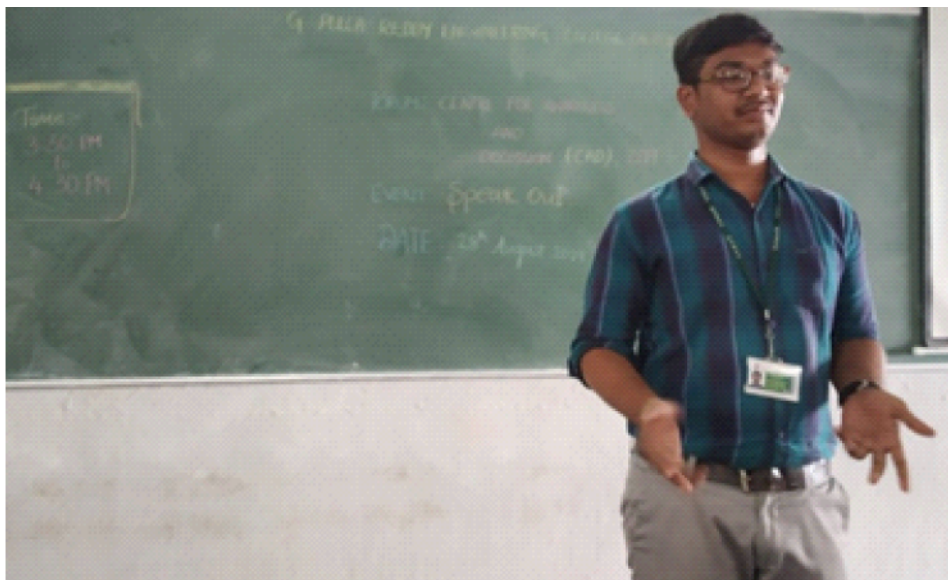
Speak out event conducted as a part of CAD forum activities on 27.09.2019 for the academic year 2019-2020.

TRAINING AND PLACEMENT CELL

- A Coding Contest named CODEATHON was conducted under CODERS CLUB of Training and placement club in July, 2019 to help students improve their coding skills.

- Specific company training sessions like EPAM were planned for the III years by the present IV years who have already gone through the interviews in 2019.

- Mock Interviews were conducted by the ALUMNI of our college for the present IV years in the month of September, which are coordinated by the volunteers.

- Guest Session was conducted by Mr. Asif Hussain, a motivational speaker on 03 -08-2019 on importance of soft skills and how students should mould themselves for the better under Skill Development wing.

- A mock MASTER ORATOR CHAMPIONSHIP was conducted on 20-07-2019 to help students to experience the atmosphere of MOC before real competition and to help students to improve their communication skills.

- Regular classes were conducted by Sri. M. Imtiaz Ur Rahman of Computer Science Engineering, once in a week for Coders Club students of II and III years.

- RHETORIC an INTRA COLLEGE ORATOR CHAMPIONSHIP was conducted by ENGLISH CLUB in association with TRAINING AND PLACEMENT CLUB. This event was conducted in 3 phases-

PHASE 1 -   PRELIMS

PHASE 2 -   SEMI FINALS

PHASE 3 - THE GRAND FINALE

- PRELIMS: This was held on 28-09-2019, in which the participants were asked to recite a speech of his/her own creation excluding religion, politics and other debatable topics in 3 minutes of time. In this event 193 students have participated and delivered spell-bound speeches which were judged by the English Faculty of our college.

- SEMI FINALS: This was held on 03-10-2019, in which out of 193 participants 68 were promoted to the semi finals. Rules for the semi finals are same as prelims except the time limit which was extended to 4 - 5 minutes. The judgement was done by the English Faculty of our college.

- THE GRAND FINALE: This was held on 12-10-2019, in which 10 finalists gave away spell bounding speeches which were judged by the Mr. Sajid Ahmed, Spoken English and Communication trainer; Mr. G.K. Ajay, Toast Master and K. Supraja, alumni of our college.

   Winners were announced and prizes were given by the principal in the valedictory function on the same day and the judges were also honoured by the principal. The event ended with the speeches by the distinguished judges.

- Volunteers took feedback from the graduated students regarding the Recruitment Procedure for all the companies visited in the previous year.

- Various events were conducted weekly under English Club like weave a Tale, Movie Session and Marketing events to improve students' proficiency in English.

- A Guest session was conducted by Mr. Abdullah, CEO Conduira, on 21-12-2019 on "Strategies that you need to Adopt".

- A session on the Industry Expectations and Present Scenarios was taken up by the IV year students for IT opted students from III year students and shared all their interview experiences and the platforms that will help students crack the interviews.

PLACEMENT DETAILS - 2019 BATCH (JULY-DECEMBER, 2019)

S.No.	Organisation	U.G. Course					Total
		CSE	ECE	EEE	ME	CE	
1	EZE Software	2					2
2	ValueLabs	13	2				15
3	Riktam Technologies		1				1
4	TCS	62	38	14	7	3	124
	TCS Digital	3	1				4
5	CTS	65	67	27	22	5	186
6	GGK Technologies	2	6				8
7	Mphasis	7	8	3			18
8	Mindtree	1		1			2
9	IBM	10	6				16
10	IHS Markit	1					1
11	Aptean	7	1				8
12	Quickride			1			1
13	Wipro (Talent Next)	23	11	12			46
14	Principal Global	1					1
15	Infosys	41	14	10	14	4	83
16	NTT Data		2				2
17	BTBP	2		1			3
18	NCR Corporation	1					1
19	Shell Pro Technologies	3	4	1	2	3	13
20	HARMAN	6	1				7
21	DBS Bank	1					1
22	Redbus		1				1
23	FACE	1	1		1		3
	Total Number of Offers	**252**	**164**	**70**	**46**	**15**	**547**

Women's cell organised a legal awareness session for
girl students to enlighten the legal provisions for women ON 28-09-2019.
Mrs. U. Surekha, practicing advocate, kurnool district bar Association addressed the students of the theme topic.

NSS UNIT participated in rally on
"Awareness Program on Sanitation and Cleanliness" in Dhinnedevarapadu village on 14.12.19

Department of CSE organized a one day National Level Student Convention
"Aavishkar-2019" in Association with Computer Society of India
Chief Guests: sri. Vijay Kishore, Vice President, JP Morgan and Sri.B.Vijay Kumar from Intel corp.

NSS UNIT interacted with students of saraswathi shishu mandhir school and donated school fee for poor and needy students on 21.12.2019

Guest lecture organized for ME & CE third year students regarding "Supply Chain Management and Core Opportunities"
Speaker: Yeddula Amarnath Reddy
Global Transformation Director
Shaw Inc (USA)- A Berkshire Hathaway Company

The English club in association with Training and Placement club conducted RHETORIC 2K19 - an intra collegiate public speaking competition

The Mathematics Club is inaugurated on the occasion of celebration of the 132nd birth anniversary of Sri Srinivasa Ramanujan on 22nd December, 2019 by Dr. M. Bharathi, Sr. Lecturer, KVR Degree College, Kurnool.