STUDENT CENTRIC METHODS

TEACHING LEARNING PROCESS

It is important to analyze how and what students should learn in class or out of class, either independently or with others, as well as how to conduct in-class and out-of class activities that effectively employ more active learning strategies

Through learning and doing the learner is exposed to firsthand experience of practicing what has been taught. Participative learning methodologies were followed some of them are

- ✓ Flipped classroom
- ✓ Educational crossword puzzles
- ✓ Collabarative learning
- ✓ Work as team
- ✓ Cooperative learning
- ✓ Formative Assessment

Flipped Classroom

A flipped classroom teaching method is an instructional strategy and a type of blended learning, which aims to increase student engagement and learning by having student's complete readings at their home and work on live problem-solving during class time.

Educational Crossword Puzzles

Educational crossword puzzles offer a strong learning tool to all kinds of students when applied with a clear and tailored educational purpose.

The following are the potential uses for educational crossword puzzles in the classroom:

1. Active Learning strategy

2. Revision and reinforcement of concepts

3. Identifying important topics and gaps in learning

4. Student engagement in the learning process

5. Collaborative work and development of teamwork skill

6. Critical thinking and association of topics

7. Provide alternate assessment options

8. Boost student confidence

9. Think individually and improve their problem solving skills

10. Improve their test skills

11. Recall information easily

12. Generate new ideas

13. Develop critical thinking

14. Useful to memorize any topic
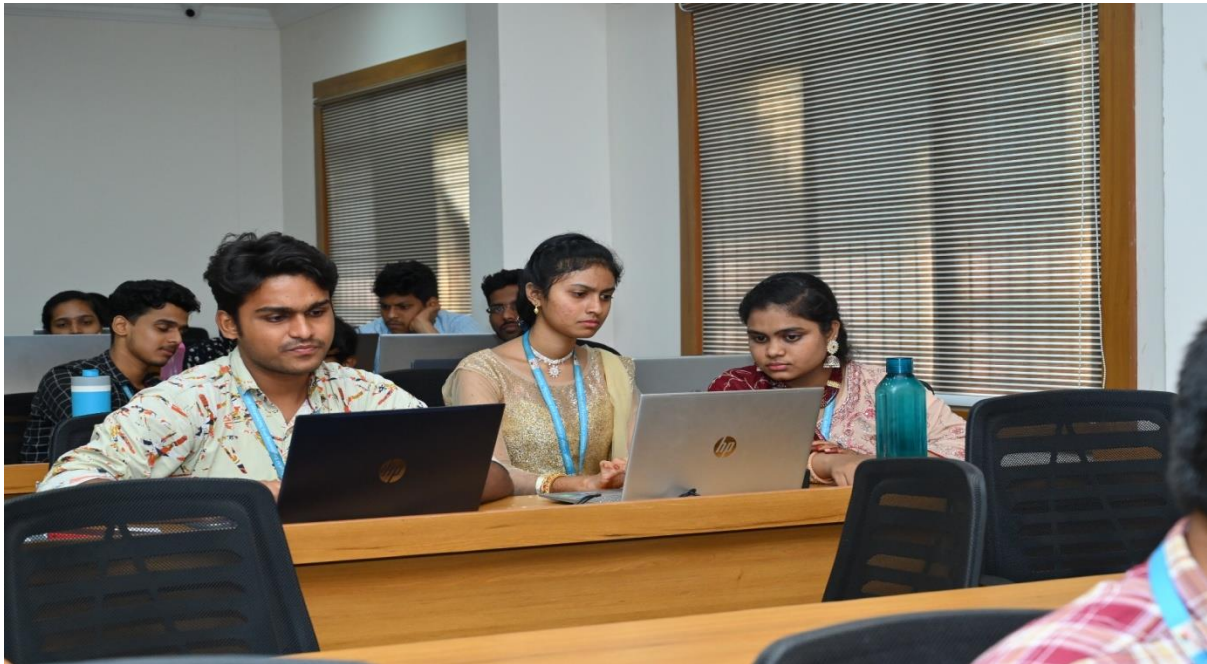
COLLABARATIVE LEARNING

Based on the previous performance and interest of students in the participating following activities, we are going to divide the team where the total strength of the class is 60 and each team consists of 4 members i.e., total 9 teams.

So total active participants=36 and non-active participants = 24

Out of 9 teams, each team has one person with good academic grades, 2 persons with good analytical skills and one person with process facilitation skills (problem-solving skills).

The reasons for choosing such kinds of teams are:

1. A good academic student will know the depth of the concepts and different ways of organizing the related things.

2. analyzing the things are related to an effort of finding and searching for the required things for tasks.

3. Finally, a student with great problem-solving skills will lead the team as team leader.

As per the team division, the related tasks are given to the respected student teams where every individual has to take their own responsibilities for accomplishing the work within a given time. To complete the work the faculty has to make a note (rules) which consists of the following things:-

i. Explaining how to set a common goal of each team for the given task.

ii. Telling the responsibilities of individual team members (student) in achieving.

iii. The importance of helping each other team members.

iv. The ways to remember Time with respect to the deadline.

First of all, non-participants are not different from participants with respect to the talent it's all because of lack of awareness and self-confidence.

The best way to motivate the non-participating members is making them interact with teams to give their views and ideas related to the tasks if they can because there may good ideas in achieving the goal where the teams are lacking. By doing this so the non-participants will able to realize themselves that they are also capable of doing the tasks better or the same as participants.

Finally, self-motivation and self-confidence will boost up the non-participants to be an active participant from next time onwards.

Formative Assessment Tools

Google Forms

Google forms is a survey and quiz tool that is very easy to use. You can feed your form or quiz data into a Google Sheet for analysis and evaluation. Both Google Forms and Sheets also have many "add-ons" that give users even more capabilities that can power your formative assessments.

InsertLearning

InsertLearning is a Chrome extension that lets you turn any webpage into an interactive lesson. InsertLearning has this fantastic toolbar that will allow you to highlight text, add sticky notes, insert questions, videos, or even a discussion all inside the webpage! Learn more about InsertLearning here: 4 Ways to Blend Learning with InsertLearning. (InsertLearning is a freemium application, but you get your first five lessons for free.)

Kahoot

Kahoot! is a game-based learning and trivia platform that allows you to create very engaging quizzes for your classroom. Kahoot! is super fun and addictive. You can create your own kahoots, or choose from their library of games. Play live kahoots, in groups, issue challenges, or assign as homework.

G.PULLAIAH COLLEGE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institute, Accredited by NAAC "A" Grade

Department of Computer Science & Engineering

Academic Year 2022 - 23

Students Projects

BATCH	ROLL NO	NAME OF THE STUDENT	TITLE OF THE PROJECT	PROJECT SUPERVISOR
1	19AT1A0514	KOPPARAPU BHANU NIKITHA	A Decision Tree based recommendation system for Tourists	N.Parashuram
	19AT1A0543	UPPARA JAYA SREE		
	19AT1A0559	KUTAGULA LAVANYA		
	19AT1A0556	S LAKSHMI PRASANNA		
2	19AT1A0545	BANA JAYAMMA	Health Care system for detecting the mental health using ML	Dr.S.Prem Kumar
	19AT1A0525	BANREDDY DIVYA BHARATHI		
	19AT1A0518	TAVISELA BHAVYA SREE		
	19AT1A0557	BYSANI LAKSHMI SANTHOSHI		
3	19AT1A0560	AMBALA LIKHITHA	Fake Reviews Detection using Supervised Learning	Dr.M.Rudra Kumar
	19AT1A0555	ALA KOMALI		
	19AT1A0553	DASARI KEERTHANA		
	19AT1A0529	GOLLA GOWTHAMI		
4	19AT1A0548	TANGULE JHANSI	Prediction of Diabetes empowered with ML	R.Vara Prasad
	19AT1A0524	MOTIKSARI DEEPIKA		
	19AT1A0538	VADLA HARSHINI		
	19AT1A0552	INNEM KAVYA		
5	19AT1A0535	TELUGU HARSHA CHARITHA	Automatic Detection Genetic Disease in Pediatric age by using Pupillometry	Dr.Mohammad Riyaz
	19AT1A0533	M HARINI		
	19AT1A0508	BYLLA ANUSHA		
	19AT1A0547	ALA JAYASRI SAI		
	19AT1A0521	UNDRALLA CHANDANA YADAV		
6	19AT1A0539	KURUVA HIMABINDU	Flood Prediction Analysis using various ML Techniques	D.Jayanarayana Reddy
	19AT1A0520	DEBBE CHANDANA DEVI		
	19AT1A0517	BOYA BHAVANI		
	19AT1A0561	L V SAHITHI KEERTHANA		
7	19AT1A0505	KENCHA AISHWARYA	classification of rice grain and quality	K.Lakshmi

	19AT1A0558	MEESALA LAKSHMI SWETHA	analysis using Deep Learning	
	19AT1A0551	MANDA KAVITHA		
	19AT1A0550	PATEL KARUNA		
8	19AT1A0504	HAKEEM AINI SOSAN KHAN	Survey on fake profile detection on social sets	Dr.K.Sreenivasulu
	19AT1A0522	KANUGULA DAMINI		
	19AT1A0516	G BHARATHI		
	19AT1A0506	MANTI AKHILA		
9	19AT1A0511	SHAIK ASHWAQ BASHA	Skin Disease Prediction using ML Techniques	B.Deena Divya
	19AT1A0534	NALLABOTHULA HARISH		
	19AT1A0510	MOHAMMED ASHFAAQ		
	19AT1A0519	SUNKARA CHAKRADHAR		
10	19AT1A0541	GOLLA JASHWANTH	Stress Detection using Machine Learning	Dr.M.Jahir Pasha
	19AT1A0563	TASIL MADHU SEKHAR		
	19AT1A0527	SYED FAIZ		
	19AT1A0531	PINJARI HABEEB		
11	19AT1A0554	SUDIGADI KIRAN	Deployment of IOT Application through SDN enabled fog computing	M.Sri Raghavendra
	19AT1A0507	KURUBA ANIL KUMAR		
	19AT1A0501	SYED AADIL AHMED		
	19AT1A0509	MUDDUBHAI AQEEL HUSSAIN		
12	19AT1A0537	J HARSHA VARDHAN	Bidirection sign language translation	Dr.M.Rudra Kumar
	19AT1A0546	BAGULLA JAYANTH		
	20AT5A0502	ELLURU NITHIN		
	19AT1A0513	PESHUMAM A UL KAREEM		
13	19AT1A0544	KANCHI JAYADWAJA KASHYAP	Detection of Plant Leaf diseases using Machine Learning	M.Srilakshmi
	19AT1A0528	S FAZAL MOHAMMED KHAN		
	20AT5A0504	V BHARAT KUMAR ACHARI		
	19AT1A0542	N KAYA SATYA VRATHA REDDY		
14	19AT1A0536	PINJARI HARSHAD	T-BASIR: Finding Shutdown Bugs for Cloud-Based Applications in Cloud Spot Market	R.Vara Prasad
	19AT1A0532	CHEVULA HARIBABU		
	19AT1A0502	SHAIL PAJINIGAR ABDUL MUQEED		
	19AT1A0503	SHAIK ABDUL SAMEER		
15	19AT1A0523	PINJARI DASTAGIRI	Crime type and occurance prediction	K.Lakshmi

	19AT1A0515	PUJARI BHARATH KUMAR		
	19AT1A0540	MULLA INTHIAZ		
	19AT1A0549	PALASALA KANNA		
16	19AT1A0512	DOULATHZAI ATEEF KHAN	Personal Cloud Storage Using Raspberry Pi.	B.Deena Divya
	19AT1A0530	PEDDIREDDYGARI GUNA SEKHAR REDDY		
	19AT1A0562	MANJULA LOKESH BABU		
	20AT5A0505	MANDAPALLI DINESH KUMAR		
17	19AT1A0574	G MASEERA ASFIYA	Spam mail detection using NLP	M.Srilakshmi
	19AT1A0594	PINJARI NOUSHAD		
	19AT1A0585	GOLLA PACHIKATTALA NAMITHA		
	19AT1A05B5	NARAHARI SAI DEEPTHI		
	19AT1A0568	C MANASA		
18	19AT1A0573	SHAIK MARYAM MOMINA	Health Care chatbot for self diagnosing	Dr.Mohammad Riyaz
	19AT1A0595	LADDAGIRI NOUSHEEN FARHATH		
	19AT1A0591	KEDASU NIKHITHA		
	19AT1A9583	KARANAM NAGAJYOTHI		
19	19AT1A0567	MOLLA MAIMUDA BEGUM	Predicting the price of bitcoin using ML	D.Jayanarayana Reddy
	19AT1A05A7	MULINTI RAMYASREE		
	19AT1A0564	NAKKA MADHURA PRIYA		
	19AT1A0598	KONDAMOODI PAVANI		
20	19AT1A05A9	M RASHI	Music Recommendation using Facial Expression	K.Lakshmi
	19AT1A0581	KASIREDDY NAGA PRATHYUSHA		
	19AT1A590	SHAIK MULLA NIKHATH PARVEEN		
	19AT1A0589	GOWLI JANGAM NEHA SAI		
21	19AT1A0571	PINJARI MANISHA	Fake reviews detection using supervised learning	Dr.K.Sreenivasulu
	19AT1A0599	MANDA PRAVALLIKA		
	19AT1A05A6	MELIGERI THALARI RAMYAKRISHNA		
	19AT1A05C4	GANDLA SAI SRUTHI		
22	19AT1A0597	KADU NIMRA PARVEEN	Plant Disease detection using Image Processing	B.Deena Divya
	19AT1A0586	GURRAM NAVANEETHA		
	19AT1A05C0	GAJJELA SAI NIKHITHA		

	19AT1A0569	DANDE MANASA		
23	19AT1A05B6	V SAI HARSHINI	Face Halusination with finishing touches	K.Lakshmi
	19AT1A0575	PUNUGUNTTA MEENAAKSHEE		
	19AT1A0593	GAMPALA NIKHITHA REDDY		
	19AT1A0580	G MOUNIKA		
24	19AT1A05C3	SALIPELA SAI SAHITHI REDDY	Iot based traffic monitoring system in FOG environment	M.Sri Raghavendra
	19AT1A0592	PULIPATI NIKHITHA		
	19AT1A05C1	PALLE SAI PRIYA		
	19AT1A0564	NAKKA MADHURA SWAPNA		
25	19AT1A0576	SHAIL MOHAMMAD ASHFAQ	Airline Prediction using Machine Learning	Dr.S.Prem Kumar
	19AT1A05A5	R N RAMU		
	19AT1A0588	CHITIVELI NEERAJ VARMA		
	19AT1A0578	PINJARI MOHAMMED RAFIQ		
26	19AT1A0596	KENCHUGUNDU PARAMESH	Alumini Questionnaire	Dr.M.Rudra Kumar
	19AT1A0577	SHAIK MOHAMMAD IMRAN		
	19AT1A0582	BOYA NAGA VENKAT		
	20AT5A0509	KOTA KESAVARAO		
27	19AT1A05B2	KATTA ROHITH	Bridge Health Monitoring system using IOT	N.Parashuram
	20AT5A0506	KALUGOTLA NAGASAI		
	19AT1A05A4	BOYA RAJESH KUMAR		
	19AT1A0587	D NAZEER HUSSAIN		
28	19AT1A05C6	VEMULA SRI SAI SRINIVAS	Custom Object Detection Using Machine Learning	R.Vara Prasad
	19AT1A0572	KARE MANOHAR		
	19AT1A05B8	P V SAI KUMAR		
	19AT1A05A1	MAILA PREM SAI		
29	20AT5A0510	KAMPAMALLA BALA MADHAVA GOUD	Application Module Scheduling using Hyper Heuristic Algorithm	M.Sri Raghavendra
	20AT5A0507	KAMURTHI NARESH		
	19AT1A05A0	GUNI PRAVEEN KUMAR		
	19AT1A05B9	YENAKANDLA SAI NIKHIL KRISHNA		
30	19AT1A0579	SHAIK MOHAMMED UZAIR	VISUALISING AND FORECASTING STOCKS USING DEEP LEARNING MODEL	Dr.Jahir Basha
	19AT1A0570	GANTA MANIDHAR REDDY		
	19AT1A05A8	PABBISETTY RANGA ROHITH		
	19AT1A05A2	MOOLA PREM KUMAR		

		REDDY		
	19AT1A05B4	BELLAPU SAI CHARAN		
31	19AT1A9584	CHINNI NAGASAI MOHAN	Detection of phishing website using machine learning framework	R.Vara Prasad
	20AT5A0508	BHEEMANAPALLI RAJESH		
	19AT1A05B3	C ROHTIH KUMAR		
	19AT1A05C5	CHALLA SAINATH CHOWDARY		
	19AT1A0566	BOYA MAHESH BABU		
32	19AT1A05B0	VUTUKURU REVANTH KUMAR	Heart disease prediction	K.Lakshmi
	19AT1A05B1	T J N RITHVIK		
	19AT1A05C2	BOYA SAI ROHITH		
	19AT1A05B7	TOGARCHETI SAI KRISHNA KUMAR		
	19AT1A05A3	K RAHUL		
33	19AT1A05C8	SANDHYA	Super Market store and retail analysi using XG Boost	M.Srilakshmi
	19AT1A05G2	SWATHI		
	19AT1A05D7	SHRUTHI		
	19AT1A05G4	TABASSUM		
34	19AT1A05E5	K.SOWMYA	Hand gesture recognition and voice conversion for deaf and dumb	Dr.Mohammad Riyaz
	19AT1A05E0	SIRISHA		
	19AT1A05G8	TONY PRIYANKA		
	19AT1A05I5	U.VYSHNAVI		
35	19AT1A05E6	P.SOWMYA SREE	Drug Recommendation system	K.Lakshmi
	19AT1A05E2	G.SIRIYANK		
	19AT1A05E4	SOUBIYA		
	19AT1A05I8	MISBAH		
36	19AT1A05E9	SREE AKANKSHA	Flight Delay detection using ADS-B Technique	Dr.S.Prem Kumar
	19AT1A05E7	K.SRAVANI		
	19AT1A05E8	S.SRAVANI		
	20AT5A0515	LAKSHMI PRASANNA		
37	19AT1A05D1	SATHYA KEERTHI	Analysing clincal problems using medical image modalities using convolutional neural netaworks	B.Deena Divya
	19AT1A05G1	SUSHMITHA		
	19AT1A05F4	SREE VARSHA		
	19AT1A05I6	YAMINI		
38	19AT1A05G0	SUPRAJA	Raise Your Voice using Software Engineering	Dr.K.Sreenivasulu
	19AT1A05H0	N.VYSHNAVI		
	19AT1A05H5	VEERA SAILAJA		
	19AT1A05D9	SINDU		
39	19AT1A05F3	SREE VANI	Brain tumour image segmentation using Deep Networks	Dr.Jahir Basha
	19AT1A05E1	SIRI CHANDANA		
	19AT1A05F1	SRINIDHI		
40	19AT1A05I4	S.VYSHNAVI	Alzhemiers Disease detection with SVM In Fog Computing Environment	M.Sri Raghavendra
	19AT1A05I9	ZULAIKAH		
	19AT1A05G3	SWETHA		

41	19AT1A05G5	TARUN TEJA	Intrusion Detection and Prevention using Honeypot Network for Cloud Security	Dr.M.Rudra Kumar
	19AT1A05H8	VENKATA RAKESH		
	19AT1A05H2	S.VAMSHI KRISHNA		
	19AT1A05H7	P.VENKATA KOUSHIK		
42	19AT1A05D3	SHARATH	Detection of Lung Cancer by using Image Processing	R.Vara Prasad
	19AT1A05D2	SHAMOIL		
	19AT1A05I7	ZABI		
	19AT1A05C7	SANDEEP		
43	19AT1A05F6	SRINIVAS REDDY	Embedded Night Vision System for Pedestrian Detection	N.Parashuram
	19AT1A05F0	SRIKANTH		
	19AT1A05G7	THIRUMALESH		
	19AT1A05F9	SUDHEER		
44	19AT1A05H1	D.VAMSHI KUMAR	Rainfall prediction with agriculture soil analysis using ML	D.Jayanarayana Reddy
	19AT1A05G6	TARUN		
	19AT1A05H3	M.VAMSHI KUMAR		
	19AT1A05D4	SHARMAS VALI		
45	19AT1A05E3	SOMANAIDU	BMI Estimation using facial features	D.Jayanarayana Reddy
	19AT1AO5F8	SRIVASTHA		
	19AT1A05G9	UMESH CHANDRA REDDY		
	19AT1A05F2	SREENU		
46	19AT1A05H6	VENKATA JAYANTH	Train Delay prediction using RNN Algorithm	B.Deena Divya
	20AT5A0512	SUBBA RAO		
	19AT1A05I2	VINAY		
	20AT5A0513	SHASHI VARDHAN		
47	19AT1A05D5	SIVA KUMAR GOUD	Image forgery detection using image processing techniques in MATLAB	Dr.S.Prem Kumar
	19AT1A05D6	SHOAIB		
48	19AT1A05D8	SHYAM SUNDHAR	FAKE PRODUCT IDENTIFICATION	M.Srilakshmi
	19AT1A0513	VISHNU VARDHAN		
	19AT1A5H9	SUSHANTH		
	19AT1A05I1	VIJAY		
49	19AT1A05I0	VENKATESH	Removing of Multiple Vote by using De-duplication Analysis	R.Vara Prasad
	19AT1A05F5	SRIDHAR		
	19AT1A05F7	SRINIVASULU		
	20AT5A0511	ASHOK KUMAR		

Department of Electrical and Electronics Engineering

Academic Year 2022 - 23

Final Year Students Project Allocations

Batch : 2019 - 2023

BATCH	ROLL NO	NAME OF THE STUDENT	TITLE OF THE PROJECT	PROJECT SUPERVISOR
BATCH - 1	19AT1A0205	**ASFIYA**	OPTIMAL POWER FLOW WITH THYRISTOR CONTROLLED SERIES COMPENSATOR USING GENETIC ALGORITHM	M.BHAGYA LAKSHMI
	19AT1A0224	NELLURU JYOTHIRMAI		
	19AT1A0233	MOLAGARI MADHUMITHA		
	20AT5A0207	VADDE PAVITHRA		
	20AT5A0213	SANKATI SWATHI		
BATCH - 2	19AT1A0209	**YALAMAKURI BHARGAVI**	Recent Advancements and Developments for Electric Vehicle Technology	M.A. Nabi
	19AT1A0225	SINGARI KARUNYA		
	19AT1A0241	SRIRAMULA NAMITHA REDDY		
	20AT5A0209	BONDILI PAVANI BAI		
BATCH - 3	19AT1A0214	**B DAKSHAYANI**	Performance Evaluation of Switched Clamped H - Bridge Multi Level Inverter	U.CHAITHANYA
	19AT1A0227	MASIRA KHATOON		
	20AT5A0202	MALA SAMYUKTHA		
	20AT5A0210	PASUPULA MOUNISHA RAJASREE		
BATCH - 4	19AT1A0221	**GUDAPAREDDY HARSHITHA**	Enhancement of Power Quality In Grid-Connected Distribution Systems Employing AI-Based Controllers	Dr.G.PANDU RANGA REDDY
	19AT1A0230	PESALADINNE LAKSHMI PRIYA		
	20AT5A0205	JUTURU VENKATA NAGA SAI ROSHINI		
	20AT5A0212	**MULLA HARSHIYA**		
BATCH - 5	20AT5A0208	PAGIDALA SHIVA SHANKAR	PWM CONTROL BASED Z-SOURCE INVERTER FOR MAXIMUM BOOST CONTROL	Dr.M.RAMA PRASD REDDY
	19AT1A0210	PIKKILI BHUVANESH		
	19AT1A0238	S MOIN BASHEER		
	19AT1A0243	RAYAVEERA NITIN NARASIMHA REDDY		
BATCH -	20AT5A0206	**Golla Venkat**	A Grid-Connected Dual	Dr.G.PANDU RANGA

6	19AT1A0203	SHAIK ADNAAN	Voltage Source Inverter With Power Quality Improvement Features	REDDY
	19AT1A0226	PINJARI KHAJA VALI		
	19AT1A0236	KURUVA MALLIKARJUNA		
BATCH - 7	20AT5A0201	**M VARUN TEJ**	Five-Level Inverter for Renewable Power Generation System	M.Venkateshwarlu
	19AT1A0229	BOYA KUPENDRA		
	19AT1A0207	P BALA SUBRAMANYAM		
	19AT1A0216	BESTHA DHANU KRISHNA		
BATCH - 8	20AT5A0203	**PAKANATI HARI KUMAR**	Performance Analysis for Control of a UPQC Using Matlab Simulink	A.SURESH KUMAR
	19AT1A0222	GADDAM HEMANTH REDDY		
	19AT1A0215	BADIRLA DEVENDRA		
	19AT1A0213	DEVAMADA CHINNI KRISHNA		
BATCH - 9	20AT5A0211	**M PAVAN**	Industrial intelligent security and safity systems	Y.HAZARATHAIAH
	19AT1A0201	SHAIK ABDUL RAHAMAN		
	19AT1A0217	BONTHALA DINESH KUMAR		
	19AT1A0232	C MADHU BABU		
BATCH - 10	19AT1A0206	**Badrinath**	A comprehensive review of improving power quality using active power filters	S.SANKARA PRASAD
	19AT1A0223	SHAIK JAVEED MUZAMMIL		
	19AT1A0218	SHAIK FEROZ		
	19at1a0220	PINJARI GUDUSAVALI		
BATCH - 11	19AT1A0231	**MAJJIGA LINGAMAIAH**	Performance Control of Multilevel Inverters	K.DEEPAK
	19AT1A0202	SHAIK ABDUL SIRAJ		
	19AT1A0242	KURUVA NARAHARI KALYAN KUMAR		
	19AT1A0204	NAGETI ARAVIND		
BATCH - 12	19AT1A0240	**GUJARATHI NAGESH**	Improvement of Overall System Performance by employing SSSC , SMES	D.VANNURAPPA
	19AT1A0235	KOSIGI MAHIDHAR		
	19AT1A0239	ARAB MUSTAQ HASSAN		
	19AT1A0219	SHAIK GOUSE		
BATCH - 13	19AT1A0228	**M KOTESWARA REDDY**	Power Quality Improvement of Grid Connected DFIG using Fuzzy Controller	Dr.G.PANDU RANGA REDDY
	19AT1A0208	V BHARATH RAJU		
	19AT1A0234	MOLAMINDHI MAHENDRA REDDY		
	19AT1A0211	MACHHA CHANDRA SEKHAR REDDY		

BATCH - 14	19AT1A0212	**NANDAVARAM ABBAI CHARAN**	Power Quality Improvement of PV-Wind based Standalone System	K.DEEPAK
	19AT1A0237	CHOWDARY MOHAMMED AWAISE		
	20AT5A0204	PUTTAPOGU SINJITH		
BATCH - 15	19AT1A0268	**MULINTI SINDHUJA**	IMPROVEMENT OF POWER QUALITY BY USING D- STATCOM FOR DISTRIBUTION SYSTEMS	M.BHAGYA LAKSHMI
	20AT5A0216	KALLAPARI MOUNIKA		
	19AT1A0247	DESAI PRATHYUSHA		
	19AT1A0271	OMKARAM SOWJANYA		
BATCH - 16	19AT1A0270	**PATAN SOFIYA SULTHANA**	A Voltage-Source Inverter for Microgrid Applications with an Inner Current Control Loop and an Outer Voltage Control Loop	U.CHAITHANYA
	19AT1A0267	POGAKU SHIREESHA		
	19AT1A0250	KARANAM RAMYA		
	19AT1A0274	RAMPURE TANUSHA		
	19AT1A0261	R SAI SHILPITHAA		
BATCH - 17	19AT1A0276	BARAPANEEDI THEJASWINI	Bond Graph Modeling and Simulation of Three phase PM BLDC Motor	Y.Sai Indira Priya Darshini
	20AT5A0219	PATHAKOTA PRAVALLIKA		
	19AT1A0277	DUMPALA THRYLOKYA		
	19AT1A0273	BOCHU SWATHI		
	19AT1A0246	UPENDRAM POOJA		
BATCH - 18	20AT5A0214	**YEDDULA BHARATH**	CONTROL AND SIMULATION OF HYBRID POWER GENERATION SYSTEM OPERATING IN GRID CONNECTED AND STAND ALONE MODE	Dr.M.Rama Prasad Reddy
	19AT1A0275	GALIREDDY THARUNESWAR REDDY		
	19at1a0265	PINJARI SHAIKSHAVALI		
	19AT1A0263	GONEGANDLA SANDEEP KUMAR		
	19at1a0244	Parshuram		
BATCH - 19	20AT5A0220	**BASIREDDY SUMANKUMAR REDDY**	Power Quality Improvement in HRES Grid Connected System with FOPID Using D - Statcom	Dr.G.Pandu Ranga Reddy
	20AT5A0218	SHAIK HASSAN BASHA		
	19AT1A0253	SHAIK RIZWAN		
	19AT1A0266	NEMALI SHASHIKALA		
	19AT1A0259	SANGU SAI SAHITH		
BATCH - 20	20AT5A0221	SHAIK HAJI SURAJ	Design and Analysis of Seven Level Inverter at different Modulation Indices	M.Venkateshwarlu
	20AT5A0223	**GURREDDY ANIL KUMAR REDDY**		
	19AT1A0260	KURUVA SAI SANTHOSH		
	19AT1A0245	KURUVA PARASHURAM		

BATCH - 21	20AT5A0222	**KOTHA LOKESWARA REDDY**	Power quality improvement using shunt active power filter	A.SURESH KUMAR
	20AT5A0226	SALKAPURAM VENU		
	19AT1A0262	PINJARI SALEEM BASHA		
	19AT1A0258	CHIKKIDI SAI RAGHAVENDRA		
BATCH - 22	19AT1A0255	**TALARI RUSHIKESH**	LSTM based ANN for Novel Control of PV-Wind-Battery Powered Standalone Power Supply System	Y.HAZARATHAIAH
	19AT1A0257	ARVETI SAI KUMAR		
	19AT1A0282	KOSIGI VIKHIL SAI TEJA		
BATCH - 23	19AT1A0284	**PINJARI WASIMAKRAM**	Modified Grey wolf Optimization Alogorithm For PV fed water pumping System	S.SANKARA PRASAD
	20AT5A0227	D.Naveen Kumar		
	19AT1A0272	KASHAPOGU SRI HARISH KUMAR		
	19at1a0256	SYED SAFIULLAH		
BATCH - 24	20AT5A0225	**DUDEKULA DASTAGIRI**	Novel Control of Grid Connected Fuel Cell For Power Quality Improvement	D.VANNURAPPA
	19AT1A0248	KAMSALI RAJAGANESH ACHARI		
	19AT1A0252	BYNENI RATHNA KUMARI		
BATCH - 25	20AT5A0215	**PINJARI RIYAZ**	Current Fed Dual Bridge DC-DC Converter	K.Deepak
	19AT1A0279	BONDILI VEERENDRA SINGH		
	19AT1A0264	ADDAKULA SATISH		
	19AT1A0269	VADDE SIVA KUMAR		
BATCH - 26	20AT5A0224	**JANGITI MOUNIKA**	Three-Level DTC-SVM with DC-Link Voltages Balancing Strategy of Double Star Induction Machine	Dr.M.Rama Prasad Reddy
	19AT1A0251	B RASHMITHA SINGH		
	19AT1A0254	S. ROHITH		
	19AT1A0281	MANDATI VENKATA RAMI REDDY		
BATCH - 27	19AT1A0283	**EDIGI VINEETH KUMAR GOUD**	Comparative Analysis of P&O and INC MPPT Algorithms For PV Systems under Variable Irraidance	M.A. Nabi
	19AT1A0285	GADDAM YERRISWAMY		
	19AT1A0280	KUMMARI VEERESH		
	19AT1A0286	SHAIK SAMEER		

Principal

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G PULLAIAH COLLEGE OF ENGINEERING & TECHNOLOGY
(Autonomous)
Department of Civil Engineering

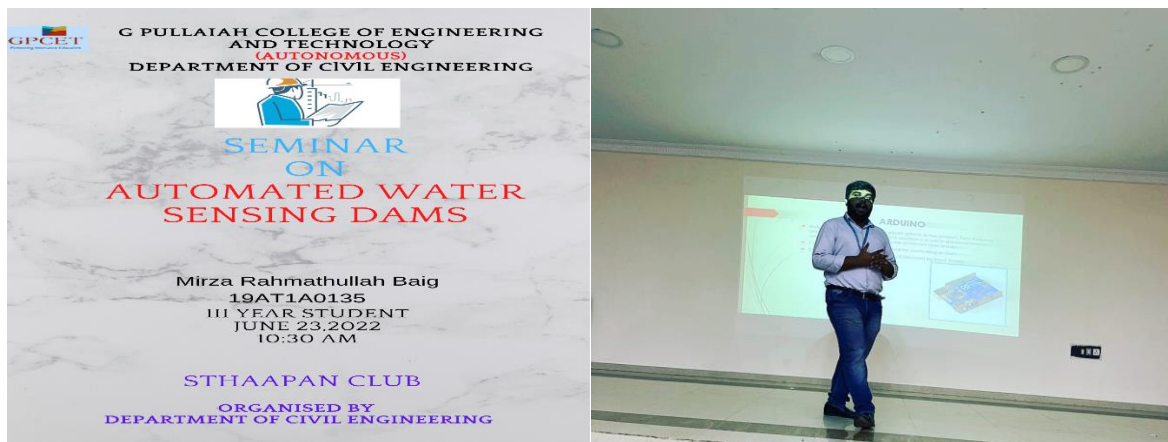**1) Seminar on "Water Resources in Rayalaseema"**

The Department of Civil Engineering Organised One day seminar on **water Resources in Rayalaseema region** for III and IV B.Techstudents in the academic year 2022-2023. The seminar was scheduled on 16-08-2022 for the students to get familiar with importance of water resources in Rayalaseema Region. The resource person Er. Viswanatham, Retired Executive Engineer highlighted the importance of conservation of water and its efficient methods. A total of 105 students participated in this technical seminar and got benefitted from it.

2)Technical Talk on "**Automated Sensing Dams**"

The Department of Civil Engineering Organised one day seminar on **Automated Water Sensing Dams**in the academic year 2022-2023. The seminar was scheduled on 23-09-2022. The resource person Mr. Mirza RahmathullahBaig (19AT1A0135), IV B. Tech Student gave a seminar on importance of automated water sensing dams. A total of 120 students participated in this technical seminar and got benefitted from it.

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03) **AUTOCAD WORKSHOP**

The Department of Civil Engineering Organised one weekworkshop on**AUTOCADTraining** for II B.Tech II-Sem students in the academic year 2022-23. The workshop was scheduled from 14-03-2023 to 19-03-2023 for the students to get familiar with drawing of plan, section,elevation of building by using AUTOCAD tool. The resource person Mr.A Vinod Kumar and Mr.Bala Hussainy, assistant professors, GPCET highlighted the importance of AUTOCAD. A total of 65 students participated in this technical trip and got benefitted from it.

04) Model exibition

The Department of Civil Engineering Organised one day Working Model Exhibition byII,III,IV B.Tech students in the academic year 2022-2023. The Working Model Exhibition was scheduled on01-11-2022. The students exhibited their models to students, faculty, principal. The principal appreciated the students by their models. A total number of 12 models are exhibited by students.
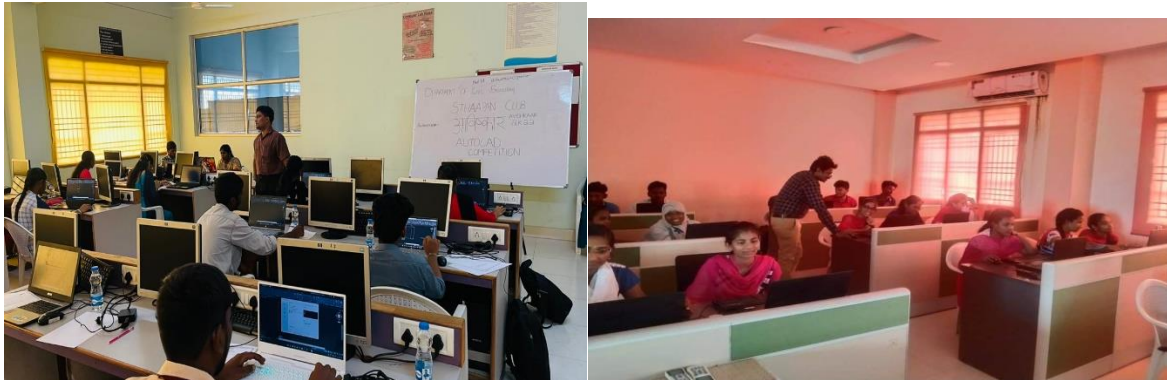
05) Technical Quiz by Birla Cements

The Department of Civil Engineering Organised a quiz competition on topics related to concrete**Technology** in association Birla Cements on 20-10-2022 for III and IV B.Tech students in the academic year 2022-2023. The resource person Mr. Naidu B, assistant manager for Birla cement in Kurnool Zone, clarified doubts of the students regarding building materials A total of 120 students participated in this technical quiz and awarded with various types of prizes and appreciations.

06) Autocad Competition

The Department of Civil Engineering Organised competition on AUTOCAD**for** III B.Tech I-Sem students in the academic year 2022-2023. The competition was scheduled on 14-09-2022 for the students. The resource person Mr. A Vinod Kumar and Mr.Bala Hussainy, assistant professors, GPCET conducted the exam and announced the best three AUTOCAD drawings. A total of 35 students participated in this competition and got benefitted from it.

07) Engineers day Celebrations

The Department of Civil Engineering Organised aEngineer's Day on 15-09-2022 in the academic year 2022-2023. The resource person Ms. B Jyothyasna,Assistant Executive Engineers, Water Recourses Department, Kurnool District, gave a speech on importance of Civil Engineering to society. Some other dignitaries also gave extempore on Er. Mokshagundam Visveswaraya and his great service to Indian Civil Engineering. A total of 120 students participated in this auspicious day.