



CSE

COMPUTER SCIENCE AND ENGINEERING DEPT.



TECHWINGS

**CHALAPATHI INSTITUTE
OF ENGINEERING AND TECHNOLOGY**

AUTONOMOUS

EDITORIAL BOARD

“Every great and worthy human accomplishment which finds engraved in letters of gold in the pages of history depicting human civilization and progress, was in the first instance sprouted as a mere thought or conceived just as an idea by someone”.

It is the profound sense of gratitude and immense pleasure that we place in the hands of our wellwishers, friends and benefactors, this Year Book. We have always felt as students of this great institution we should always Endeavour to make mark in the college’s prestigious history.

Our modest Endeavour to bring out this Year Book this year is born out of enthusiasm to provide the students an opportunity to discover their dormant talents and to give vent to their feelings and imaginations and also exhibit their creativity. This little idea of a magazine became a reality entirely due to the enthusiastic response from the students. The content of this magazine covers a range of topics which are informative, thought provoking, humorous, and imaginative.

A heartfelt thanks to all the contributors of articles and coordinators and most appropriately all the generous hearts, without whose support, we could not have undertaken this monumental work.

As a team, we dedicate this magazine to the well wishing and beloved seniors 2018-2022 batch, who here been the strength and are part of its plans and actions, guiding throughout their times with us. We expect the same guiding, cooperation and support from them throughout their lives.

ALL THE BEST.....

EDITORIAL BOARD

CHALPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(AUTONOMOUS)

Approved by AICTE, Affiliated to Acharya Nagarjuna University, Recognized by UGC under section 2(f)
Accredited by **NBA, NAAC** with 'A' grade, ISO 9001:2015 Certified Institution
Chalapathi Nagar, Lam, Guntur - 522034, A.P



ABOUT COLLEGE

CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS) was established in the month of June, 2007. The college is **Affiliated to Acharya Nagarjuna University** and recognized by ALL INDIA COUNCIL FOR TECHNICAL EDUCATION (AICTE), New Delhi. It offers four year B.Tech courses in Computer Science and Engineering, Computer Science and Engineering (Artificial Intelligence and Machine Learning), Computer Science and Engineering (Cyber Security), Computer Science and Engineering (Artificial intelligence), Computer Science and Engineering (Data Science), Computer Science and Information Technology, Electronics and Communication Engineering, Electrical and Electronics Engineering and M.Tech courses in Computer Science and Engineering, VLSI & ESD.

At this the burning objective of the college is to promote flowery education which is indispensable and useful for the society with professional and ethical values through the divine centers of excellence. Unique in its structure, amazing methods and goals, the college is strongly rooted in a philosophy of training and research that emphasizes the intimate relationship between knowledge and Its application and seeks to promote the creation of an ideal society.

It is packed up with green belt, free from pollution and it is very near to the Historical place Amaravati at the banks of river Krishna where Kalachakra was held and this is the place where we got sculptures of Buddha, Situated in Chalapathi Nagar, Lam, Guntur. An ideal place for higher learning, it is just a stone's throw away from the heart of Guntur town. The taught are exposed to congenial atmosphere for diligent academic pursuit in Chalapathi Institute of Engineering and Technology.

INSTITUTE VISION

To emerge as an Institute of Excellence for Engineering and Technology and provide quality education, entrepreneurial and research opportunities to the students in catering the needs of society.

INSTITUTE MISSION

- To be a student centric institute imbining experiential, innovative and lifelong learning skills with academic rigor.
- To Produce graduates who are knowledgeable, innovative and empathetic.
- To inculcate entrepreneurial attitude and values amongst Learners.

QUALITY POLICY

Chalapathi Institute of Engineering and Technology is committed to achieve appropriate standards and excellence of teaching, research and consultancy by ensuring creative environment with challenging and entrepreneurial opportunities.

ABOUT DEPARTMENT

The commencement of the department of CSE was accomplished in 2007-08 and had successfully integrated the years of excellence and still incomparable. The Department offers, B.Tech Program in Computer Science and Engineering with an annual intake of 180, M.Tech program in Computer Science and Engineering with an annual intake of 18.

The department has strategically gained experienced faculty members whose expertise in various subjects makes academic excellence.

The department has engaged in training students towards industry needs with necessary software exposure right from the day of its establishment. The department has acquainted in conducting guest lectures, workshops, student paper presentation and conferences.

The department of CSE encourages students to participate in various extra-curricular activities and competitions held by other universities and colleges within the state and outside the state. The students also have won laurels to the college by winning prizes in various competitions.

Department of CSE has an association named TECHWINGS for the students and by the students which works for the overall development of the students.

DEPARTMENT VISION

To produce professionally competent, research oriented and socially sensitive engineers and technocrats in the emerging technologies

DEPARTMENT MISSION

DM 1: State of art laboratories to meet the needs of the continuous change.

DM 2: Provide a research environment to meet the societal issues.

DM 3: Facilitating collaborations/MOU'S towards emerging technologies.

PROGRAM EDUCATIONAL OBJECTIVES

PEO-1 : Graduates of the computer science program will aim a successful profession carrer and activey engaged in applying new ideas/technologies as the field evolves.

PEO-2 : Graduates can analyze the life problems and design computing solutions by applying computer engineering theory and practices followed.

PEO-3 : Graduates shall pursue higher studies or do research through quality education

TECHWINGS ASSOCIATION

CIET CHALAPATHI
INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

TECHWINGS EVENTS



COOLER DISTRIBUTION TO ORPHANAGE HOME



ASSEMBLING & DISSEMBLING



BLANKETS DISTRIBUTION



BUTTER MILK DISTRIBUTION



DISTRIBUTION OF DAILY NEEDS TO PHYSICALLY CHALLENGED CHILDREN



DISTRIBUTION OF FOOD FOR POOR PEOPLE AT GOVERNMENT HOSPITAL



ECO-FRIENDLY GANESH IDOLS DISTRIBUTION



GROCERIES DISTRIBUTED TO OLDAGE HOME



MEDICAL KIT DISTRIBUTION



SANKRANTHI SAMBARALU



SEMI-CHRISTMAS CELEBRATIONS



SPONSORED AMOUNT FOR FOOD TO OLD AGE HOME



SPORTS COMPETITION

Techwings is a student association in the department of CSE.

Techwings is a non-profitable social college association belonging to Computer Science department in Chalapathi Institute of Engineering and Technology. It is managed by the Head of the department and volunteer students of CSE branch. We at Techwings conduct social and technical events every month. Till now through this organisation we have helped many indigent people and also charity organisations.



Sri. Y.V.ANJANEYULU
FOUNDER & CHAIRMAN,
CHALAPATHI INSTITUTE OF
ENGINEERING AND TECHNOLOGY,
GUNTUR.

Message

I am greatly honored to serve the society as President of CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY. Students of CSE are doing a good job in keeping the students involved in academics as well in co-curricular and extra curricular activities. It helps them to get knowledge beyond academics.

As production, software and service industries are shifting to India, our country needs lakhs of Engineers to fulfill the demand. These Engineers need to be creative in thinking, innovative in execution, proficient in oral and written communication, able to work for longer hours effectively in teams, on multi – disciplinary projects.

In fact, these are our core teaching values at our CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY.



Sri. Y. SUJITH KUMAR

B.Tech., M.B.A.(USA)

**SECRETARY & CORRESPONDENT
CHALAPATHI INSTITUTE OF
ENGINEERING AND TECHNOLOGY,
GUNTUR.**

Message

I am greatly honored to serve the society as Secretary & Correspondent of CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY. This magazine is the desire of CSE students to share their creations, articles and views among themselves. This magazine is a perfect blend of information.

The best environment we can provide for our students are the ones that lead them to take responsibility for their learning. What a difference it makes in a student's mind knowing that they've discovered the answer for themselves, or been able to create it if it wasn't there.

I congratulate the editors for their efforts in bringing out the magazine.



Dr. M. CHANDRASEKHAR
B.E, M.Tech, Ph.D, MISTE,
PRINCIPAL CHALAPATHI
INSTITUTE OF ENGINEERING AND
TECHNOLOGY, GUNTUR.

Message

It is great pleasure to note that the Department of Computer Science & Engineering is releasing an Annual Magazine. The college magazine is a comprehensive magazine as it contains valuable articles from the college professors and from the ex-students, who want to convey about their successful career and about their interesting experiences. Thus a college magazine plays an important role in the life of college students. For old students, it revives their memories.

Teaching & Learning process is effective, unparallel and effectively implemented by the dynamic Head of the Department with the support of the respective faculty members.

We provides amenities like training for placement, internet, hostel for boys and girls, medical facility, additional training to the hostel students, transport from every corner of the district, canteen and parent interaction cell for continuous information and guidance.



Prof. K. KIRAN KUMAR
Vice Principal and HOD of CSE Dept,
CHALAPATHI INSTITUTE OF
ENGINEERING AND TECHNOLOGY,
GUNTUR.

Message

It is great pleasure to note that the Department of Computer Science & Engineering is releasing an Annual Magazine which briefs the activities of the association, students of CSE.

It gives me immense pleasure to lead the department of CSE .The department offers B.Tech CSE and M.Tech CSE. The aim of the department is to provide high quality education along with training the students with all the new advancements in computer science. The excellent infrastructure, the teaching faculty of the best kind of the department institute quality education.

STAFF BOARD

Sl. No	Name of the Faculty	Designation	Qualification
1	Prof K.Kiran Kumar	Professor & HOD	M.E, Ph.D
2	Prof P.SubbaRao	Professor	MS
3	Prof K.Lakshmi Prasad	Professor	M.Tech, Ph.D
4	Dr Y.Rokesh Kumar	Associate Professor	M.Tech, Ph.D
5	Sri V.Naga Bushanam	Assistant Professor	M.Tech, (Ph.D)
6	Sri A.V.S.Sudhakara Rao	Assistant Professor	M.Tech, (Ph.D)
7	Smt K.Aruna Kumari	Assistant Professor	M.Tech, (Ph.D)
8	Sri G.Bharath Kumar	Assistant Professor	M.Tech, (Ph.D)
9	Sri G.RamaChandra Rao	Assistant Professor	M.Tech
10	Sri N.Srikanth	Assistant Professor	M.Tech
11	Smt G.Pavani	Assistant Professor	M.Tech
12	Sri P.Venkata Siva	Assistant Professor	M.Tech
13	Sri SK.JohnSydulu	Assistant Professor	M.Tech
14	Smt M.Asha Aruna Sheela	Assistant Professor	M.Tech
15	Sri K.Madhu Kiran	Assistant Professor	M.Tech
16	Sri K.Sasikanth	Assistant Professor	M.Tech
17	Smt B.Rajya Lakshmi	Assistant Professor	M.Tech
18	Ms SK.Raziya Sultana	Assistant Professor	M.Tech
19	Sri A.Sri Harsha	Assistant Professor	M.Tech
20	Smt K.Tejaswi	Assistant Professor	M.Tech
21	Smt D. Sureka	Assistant Professor	M.Tech
22	Smt T.Lavanya	Assistant Professor	M.Tech
23	Smt M.Pushpa Latha	Assistant Professor	M.Tech
24	Smt Ch.Lakshmeswari	Assistant Professor	M.Tech
25	Sri K.Pradeep	Assistant Professor	M.Tech
26	Ms K.Lakshmi Namratha	Assistant Professor	M.Tech
27	Ms B.Vishnu Priya	Assistant Professor	M.Tech
28	Sri P.Srinivas	Assistant Professor	M.Tech

STAFF ACHIEVEMENTS

FUNDING PROJECTS SCANTIONED

Sl. No	Name of the faculty	Name of the project	Name of the finding Agency	Amount
1	Prof.K.Kiran Kumar	UNNAT BHARAT ABHIYAN	MHRD	RS : 50,000/-

NPTEL COURSES DONE

Sl. No	Name of the Faculty	No of Course Participated
1	Prof. K.Kiran Kumar	8
2	Sri G.Ramachandra Rao	2
3	K Aruna Kumari	2
3	Smt. K.Tejaswi	2
4	Dr Y.Rokesh Kumar	1
5	Sri A V S Sudhakara Rao	1
6	Ms Sk.Raziya sultana	1

PATENTS PUBLISHED

Sl. No	Name of the Faculty	Patent Name	Publishing Number	Date
1	Prof K.Kiran Kumar	Border-Less Trading system using Block Chain Technology	202121028373	30/07/2021
2	Prof K.Kiran Kumar Mr P.Venkata Siva	A System and Method for Secure Transaction of Data	202241007130	18/02/2022
3	Prof K.Kiran Kumar	A Method of Priority based routing for wireless sensor network internet of things systems	202241007113	18/02/2022
4	Dr Y.Rokesh Kumar Mr A.V.S.Sudhakara Rao	Blockchain, Cloud, AI, ML based criminal digital forensic investigation application	202241007570	21/03/2022
5	Smt. B.Rajya Lakshmi	Detecting Botnet Cyber-Attacks in IoT Scenarios using Dynamic Residual Projection of Concept Drift	202241037111	28/06/2022

BOOKS PUBLISHED

Sl. No	NAME OF THE FACULTY	TITLE OF THE BOOK	PUBLISHED	ISBN.NO
1	Prof K.Kiran Kumar Mr. P.Venkata Siva	Cyber Security	Jayalakshmi	978-81-954079-9-6
2	Mr.G.Bharath Kumar	Fundamentals of Database Management Systems	South Asian Academic	978-81-953693-2-4
3	Dr Y.Rokesh Kumar Smt K.Aruna Kumari	Cloud Computing Basics	H.S.R.A Publications	978-93-550623-9-0

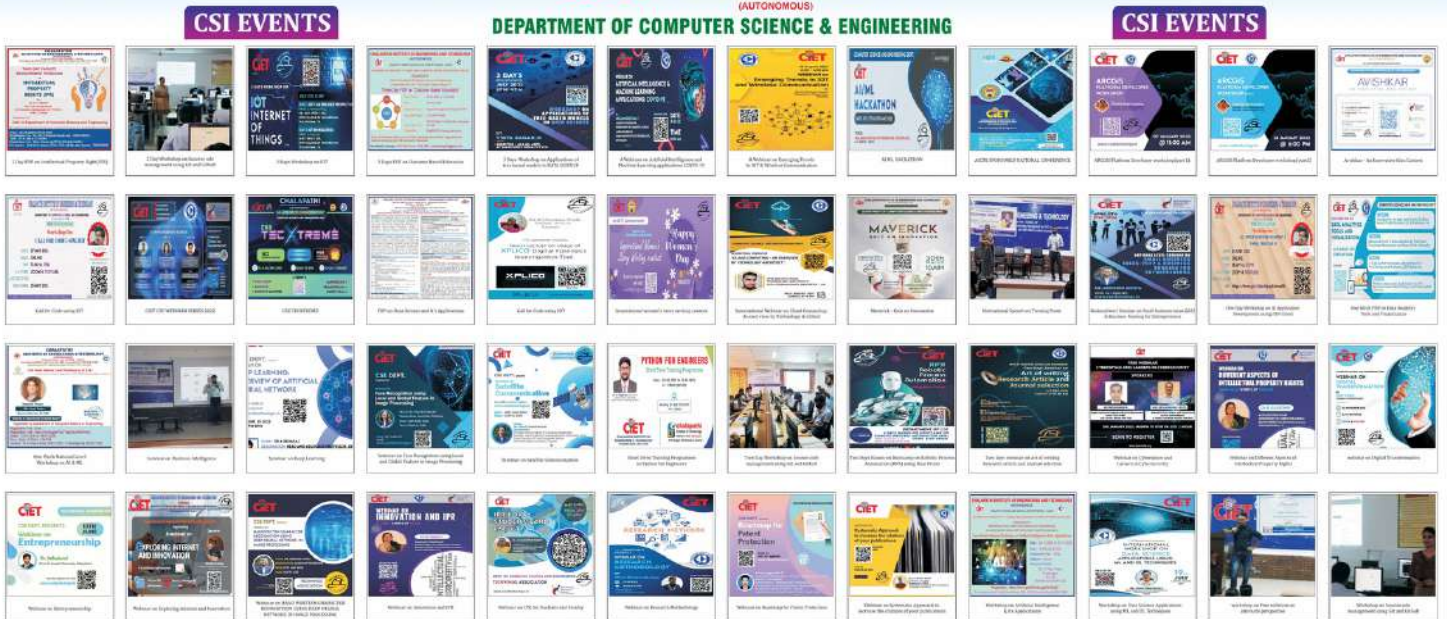
AWARDS RECIEVED

SL No	Name of the Faculty	Name of the Award	Agency	Year
1	Prof K.Kiran Kumar	Education Excellence Award	TIP	2022
2	Prof K.Kiran Kumar	Certified cyber crime intervention officer	NSD	2022
3	Prof K.Kiran Kumar	NPTEL Believer	NPTEL	2021
4	Prof K.Kiran Kumar	NPTEL Enthusiast	NPTEL	2021
5	Prof K.Kiran Kumar	Active SPOC	NPTEL	2021
6	Prof K.Kiran Kumar	Global Best Teacher Award	Youth for Universal and Voluntary Action	2021

CSI EVENTS

CIET CHALAPATHI INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



Sl. No	Name of the event organized	Resource Persons	Date	Number of participants
1	3 Day workshop on "Applications of tree based models in DATA SCIENCE"	Mr. Vidya Sagar.N, Director AI&ML APPS at Salesforce India Pvt LTD	08/07/2021 to 10/07/2021	2602
2	International Workshop on "Data Science Applications Using ML and DL Techniques"	Dr.Asadi Srinivasulu, Head Research and Professor of IT, Bluecrest University	19/07/2021	2142
3	Guest Lecture on "Usage of XPLICO Digital Forensics Tool"	Dr.D.J.Samatha Naidu, Prinicipal, Annamacharya PG college of Computer Studies, Rajampet	30/07/2021	651
4	A Webinar on Artificial Intelligence and Machine Learning applications: COVID-19.	Dr.Sangeetha.V, Assistant Professor, Department of Computer Science and Engineering, Ramaiah Institute of Technology	09/08/2021	1142
5	A Webinar on "Emerging Trends in IOT & Wireless Communication"	Mr.Pratik Prakash Tawde from Vidyalandkar Polytechnic College, Mumbai.	14/08/2021	838
6	One week FDP on "Data Analytics Tools and Visualization"	Dr. Kiran Kumari Patil, Director UIIC & Professor Prof. Syed Thouheed Ahmed, Prof. Yerriswamy, Prof. K. Thanuja, Dr. Shantala Devi Patil, REVA University	16/08/2021 to 21/08/2021	1181
7	International webinar on "Cloud Computing- An overview by Technology Architect"	VMS Nihath Khan, Technology Architect, TCS-UK	26/08/2021	1448
8	Two days seminar on "Art of writing Research article and Journal selection"	Dr. P. Raja Sulochana, Professor, BHARAT UNIVERSITY, Chennai Dr. R. Jaya Karthik, Asst. Professor, VISTAS- Chennai	06/09/2021 & 07/09/2021	731
9	Webinar on "Innovation and IPR"	Dr. B. gayatri, Assoc. Professor, BISHOP HEBER College, Tiruchipalli	11/09/2021	450
10	Webinar on Systematic Approach to increase the citations of your publications	Dr. A.V. Senthil Kumar, Professor and Head, Hindusthan College of Arts and Science, Tamilnadu	11/10/2021	583
11	Webinar on "Digital Transformation"	Uday Chava, Tejoma Technologies	5/11/2021	446

12	CSE TECXTREME	Prof K.Kiran kumar	17/12/2022 – 18/12/2022	2862
13	Webinar on Cyberspace and Careers in Cyber security	Mr Sreeshankar G,CISO of MAC and a senior Advisor with ISAC, WG CDR G Srinivasu(RETD) Senior consultant,Aviation with ISAC	2/01/2022	134
14	ARCGIS Platform Developer workshop(part1)	Yuktesh Chinthamadaka,Manager-Developer relations Esri india Technologies pyt.ltd	07/01/2022	1586
15	ARCGIS Platform Developer workshop(part2)	Yuktesh Chinthamadaka,Manager-Developer relations Esri india Technologies pyt.ltd	28/01/2022	1799
16	Avishkar	Online	24/02/2022	65
17	Inspirational Women's story writing contest	Online	08/03/2022	68
18	MARVICK Quiz on Innovation	Online	30/03/2022	745
19	Motivational speech on "Turning point"	Smt Bijaya Lakshmi.Parimi(M.Sc.(PSY),M.A.(Eng),P.G.D.C(Warangal))	1/04/2022	91
20	Seminar on "Business Intelligence"	Mr M.Venu gopal	08/04/2022	125
21	National level Seminar on "Small business ideas 2022 & Business Funding for Entrepreneurs"	Dr. Abhishek Mehta	11/04/2022	885
22	Webinar on "Different Aspects of Intellectual Property Rights"	Dr B Gayatri, Associate Professor Department of Computer Science,Bishop Heber College(Autonomous),Tiruchiraoalli-17	18/04/2022	286
23	Faculty development program on "Data Science and its Applications"	PRK: Prof. P Radha Krishna, NITW RBV: Prof. RBV Subramanyam, NITW MSV: Dr. M Srinivas, NITW GRM: Prof. Garimella Ramamurthy, Mahindra University SK: Dr. Sushil Kumar, NITW PN: P Neeharika, TCS SD: Dr. Sujit Das, NITW KVR: Dr. K Venkateshwara Rao CSS: Prof. CS Sastry, IIT Hyderabad RK: Dr. T Ramakrishnudu, NITW Dr Vikas, Delhi University ARS: Dr, A Ravi Shankar	9/05/22- 18/05/22	53

24	A webinar on “Research Methodology”	Mr B Bhattacharya	25/04/2022	408
25	Webinar on “ IPR for Students and Faculty”	D. J Samatha Naidu, Principal of Annamacharya PG College Of Computer Studies	24/05/2022	462
26	Webinar on “Handwritten Character Recognition Using Deep Neural Network in Image Processing”	Dr. Abhishek Mehta, Assistant Professor	27/05/2022	349
27	Webinar on “Face Recognition using Local and Global Feature in Image Processing”	Dr. Kamini Salanki, Associate Professor	30/05/2022	401
28	Webinar on “Deep Learning in Real world Applications”	Mrs Satya, Assistant Professor Sr.g Innovation Ambassador, CSE Department, SRM Institute of Science and Technology, Chennai.	02/06/2022-04/06/2022	600
29	Webinar on “Patents and Copy Rights: A New Strategy for strengthening Profiles of Faculty and Students”	Dr Savithesh Mdhulika Shram, Professor and Dean(R & D) Innvation Ambassador Siddartha Institute of Science and Technology, Puttur.		
30	Webinar on “Deep Learning : An overview of Convolution Neural Metwork(CNN)	Dr A selvaraj, Head and Associate Professor ,Department of Geoinformatics, Park College of Enginnering and Technology, Coimbatore, Tamilnadu , India		
31	Webinar on“Enterpreneurship”		13/06/2022	327
32	Webinar on “Road map Patent protection”	Krishnagandhi P, Innovation Ambassador- IPR and technology Transfer ,Mentor and Speaker Entrepreneur - Mahalakshmi Healthcare. Co-founder –Firechip Education Technology Pvt Ltd,Assistant Professor(Senior Grade), Nanda Engineering College,Erode, Tamil Nadu.	17/06/2022	243
33	Webinar on “Wireless Transmission Propagation & Satellite Communication”	Dr. Priya R.Swaminarayan, Dean, Faculty of IT and Computer Science, Parul University, India	18/06/2022	257
34	International E-Conference on Emerging trends in computational technologies "ICETCT-2022"	Mr. V.M.S. NIHATH KHAN	28/06/2022	157

TECHWINGS EVENTS

Sl. No	NAME OF THE ACTIVITY	DATE
1.	Sponsored amount for Food to old age home at Nambur.	01-08-2021
2.	Distribution of Medical Kits to oldage home at Brodipet.	13-08-2021
3.	Distribution of Food for poor people at nearby Government Hospital.	28-08-2021
4.	Eco-Friendly Ganesh Idols Distribution at Lakshmpuram.	08-09-2021
5.	Quiz Competition	23-10-2021
6.	Sports Competition	03-11-2021
7.	Distribution of daily needs to physically challenged children at Leema-home, Venigandla	14-11-2021
8.	Memory puzzle Competition	27-11-2021
9.	CSE TECXTREME	17-12-2021 to 18-12-2021
10.	Semi-Chirstmas celebrations	24-12-2021
11.	Blankets Distribution	05-01-2022
12.	Calendar Inaguration	07-01-2022
13.	Sankranthi Sambaralu	06-1-2022 to 12-01-2022
14	Groceries distributed to oldage home at Nehru Nagar	12-02-2022
15	Aptitude test Competition	14-02-2022
16	AVISHKAR an innovative idea contest	24-02-2022
17	Inspirational women's story writing contest	08-03-2022
18	Technical event MAVERICK quiz on innovation	30-03-2022
19	Butter Milk Distribution	28-03-2022
20	Assembling & Dissembling	25-04-2022
21	Air cooler distribution	15-05-2022
22	Quiz on Apptitude	27-06-2022

INTERNATIONAL JOURNAL PAPERS PUBLISHED

Sl. No.	Name of the Faculty	Journal Publication International
1	Prof. K. Kiran Kumar	6
2	Dr. Y.Rokesh Kumar	1
3	Sri . G.Rama Chandra Rao	3
4	Sri G. Bharath Kumar	1
5	Sri N. Srikanth	1
6	Sri Sk.John Sydulu	3
7	Sri P.Venkata Siva	3
8	Sri. K. Sasikanth	1
9	Sri K.Madhu kiran	2
10	Sri. A. Sriharsha	1
11	Smt K. Tejeswi	1
12	Ms Sk. Raziya Sultana	1

PAPERS PRESENTED IN CONFERENCES

Sl. No.	Name of the Faculty	Conference Publication International
1	Prof. K. Kiran Kumar	1
2	Dr. Y.Rokesh Kumar	4
3	Sri . G.Rama Chandra Rao	2
4	Smt K. Tejeswi	1
5	Ms Sk. Raziya Sultana	1
6	Sri K. Madhu Kiran	1

Details of FDP / Webinars / Training Activities

S.No	Name of the Faculty	FDPs		Training activities		Webinars	Coursera	Total No. Of Activities	Total no of Days
		In side	Out side	In side	Out side				
1	Prof. K.Kiran Kumar	-	3	1	5	3	5	16	71
2	Prof P.Subba Rao	1	-	-	-	1	-	2	10
3	Dr. K. Lakshmi Prasad	-	1	-	-	7	-	8	13
3	Dr. Y.Rokesh Kumar	1	5	-	1	2	-	10	52
5	Sri A.V.S.Sudhakara Rao	1	1	-	1	-	-	3	17
6	Smt. K. ArunaKumari	1	-	2	1	2	-	6	19
7	Sri. G. Bharath Kumar	1	1	3	-	2	-	7	24
8	Sri G. RamaChandraRao	2	1	-	1	1	-	5	25
9	Sri V. Naga Bushanam	1	-	-	1	-	-	2	11
10	Sri. N. Srikanth	1	2	2	1	-	-	6	27
11	Sri SK.JohnSydulu	1	-	1	2	-	2	6	17
12	Sri. P. Venkata Siva	1	1	2	1	1	2	8	29
13	Smt. M.Asha Aruna Sheela	1	2	3	-	2	3	11	29
14	Smt. B. Rajya Lakshmi	1	2	5	-	1	-	9	25
15	Ms.Sk.RaziyaSultana	1	1	2	-	2	-	6	20
16	Smt. K.Tejaswi	1	2	3	2	1	-	9	21
17	Smt. D. Surekha	1	-	3	-	2	-	6	16
18	Sri K. Madhu Kiran	-	1	-	1	3	-	5	10
19	Smt. G. Pavani	-	1	-	-	7	-	8	11
20	Sri A.SriHarsha	-	1	-	-	9	-	10	13
21	Sri. K.Sasikanth	-	1	-	-	11	-	12	15
22	Smt. T.Lavanya	-	1	-	-	3	-	4	7
23	Miss B. Vishnu Priya	1	1	1	2	2	-	7	55
24	Smt M. Pushpalatha	1	1	-	-	3	-	5	20
25	Smt Ch.Lakshmeswari	1	-	-	-	-	-	1	7
26	Sri P.Srinivas	-	-	-	-	2	-	2	2
27	Sri. P. Pradeep	-	-	-	-	2	-	2	2
28	Ms K.Lakshmi Namratha	-	-	-	-	2	-	2	2

CAMPUS PLACEMENTS

Company Name	No. of students placed	CTC
WIPRO NLTH-2022	29	3.5 LPA
Mphasis	24	3.25 LPA
HCL	17	4.25 LPA
Capgemini India	13	4 LPA
Infosys	10	3.6 LPA
TCS Ninja	8	3.36 LPA
MALtech	7	4 LPA
Harman Connected Services	5	5.5 LPA
Techouts Solutions India	5	3 LPA
Multiplier AI Solutions	4	3.97 LPA
Zensar	4	4 LPA
Jobiak	3	5.5 LPA
Deloitte	2	4.5 LPA
IBM	2	3.6 LPA
Mindtree	2	4 LPA
Paytm	2	6 LPA
Revature	2	4 -6 LPA
CSS Corp	1	3.2 LPA
Hexaware Technologies Limited	1	4 LPA
iopex technologies	1	4 LPA
KJ SYSTEMS	1	3 LPA
KPIT	1	4 LPA
pentagon space	1	3 - 6 LPA
Sonata	1	5.5 LPA
WinWire Technologies	1	4.5 LPA
YuppTV	1	3.5 LPA
Total	148	

FACULTY AS RESOURCE PERSON FOR OUTSIDE COLLEGES

S.No	Name of the Faculty	Interaction with Outside World	Name of the college	Name of the Topic
1	Mr V.Nagabushanam	Guest Lecture	GDDM College of Engineering & Technology	Data warehousing & Data Mining

COURSES DONE BY FACULTY

S.NO	NAME OF THE FACULTY	COURSE NAME
1	Prof K. Kiran Kumar	MTA
2	Dr. Y. Rokesh Kumar	
3	Sri P.Venkata Siva	
4	Sri G.Bharath Kumar	
5	Sri SK.John Sydulu	
6	Ms B.Vishnu Priya	
7	Sri G. Ramachandra Rao	
8	Dr Y.Rokesh Kumar	AWS
9	Smt D.Surekha	
10	Smt K.Tejaswi	BluePrism
11	Smt B.Rajya Lakshmi	
12	Sri A.V.S.Sudhakar	RedHat
13	Sri G. Ramachandra Rao	

STUDENTS PUBLICATION DETAILS

Sl. No.	Name of the Student	International / National Journal	Publication Details
1	G. MalliKharjuna Rao	International	“Student Performance Prediction in Online Courses Using Machine Learning Algorithms”, United International Journal for Research & Technology, Volume 02, Issue 10, 2021, ISSN:2582-6832
2	Guntupalli Udaya Bhasker	International	“Generating Cloud Monitors From Models To Secure Clouds”, International Journal of analytical and experimental modal analysis, ISSN:0886-9367
3	Vailipalli Saikushwanth	International	“Intrusion Detection System Using Machine Learning” , United International Journal for Research & Technology, Volume 02, Issue 10, 2021, ISSN:2582-6832
4	N. Vidya Sagar	International	“Rice Plant Leaf Disease Detection Using Machine learning” , United International Journal for Research & Technology, Volume 02, Issue 10, 2021, ISSN:2582-6832
5	Medam Swarnalatha	International	“Crop Yield Prediction Based on Indian Agriculture Using Machine Learning”, International Journal of Research Publications and Reviews, Volume 2, Issue 8, 2021, ISSN: 2582-7421
6	Sree Mourya Eluri	International	“Credit card fraud detection using Machine Learning” , International Journal Of Advance Research. Ideas And Innovations In Technology, Volume 7, Issue 4 – V714-1826, ISSN:2454-132X
7	Tiruvalluri Sivasurya	International	“Machine Learning for Web Vulnerability Detection: The Case of Cross-Site Request Forgery”, The International Journal of analytical and experimental modal analysis, Volume 13, Issue 8, August 2021, ISSN No: 0886-9367
8	Sanjana Krishnamsetty	International	“Hybrid Cryptography for Secured Cloud Computing”, International Journal of Advance Research. Ideas And Innovations In Technology , Volume 7, Issue 4 – V714-1835, ISSN:2452-132X

9	Nannuri Prasanthi	International	“A Secure Key Aggregate Searchable Encryption with Multi Delegation in Cloud Data Sharing Service” , International Journal for Modern Trends in Science and Technology 2022, 8(05):252-258, ISSN:2455-3778
10	Kalari Pradeep	International	“Sensors Based Modern Home Automation System Using Android Mobile App”, International Journal for Modern Trends in Science and Technology 2022, 8(05):239-245, ISSN:2455-3778
11	Kanaparthi Lakshmi Namratha	International	“A Secure Enhanced Key-Policy Attribute Based Temporary Keyword Search Scheme in the Cloud ”, International Journal for Modern Trends in Science and Technology 2022, 8(05):232-238, ISSN:2455-3778
12	Duggirala Siva Sai	International	“Customer-Satisfaction-Aware Optimal Multi-server Configuration for Profit Maximization in Cloud Computing”, International Journal for Modern Trends in Science and Technology 2022, 8(05):259-264, ISSN:2455-3778
13	Gotumukala Kalpana	International	"IJMTST , ISSN: 2455-3778"
14	Gorantla Sai Poojitha	International	"IJMTSR ISSN: 2455-3778"

COURSES DONE BY STUDENTS

S.NO	REGISTER NUMBER	NAME OF THE STUDENT	COURSE NAME
1	Y19CS1304	M.S. Manjunadha	AWS
2	Y19CS1212	B. Sai Teja	AWS
3	Y19CS1234	D. Rakesh Reddy	AWS
4	Y19CS1239	E. Nithin	AWS
5	Y19CS1275	K. Ratna Priya	AWS
6	Y19CS1365	V. Chaithanya Deepthi	AWS
7	Y19CS1367	V. Venkata Nagalakshmi	AWS
8	Y19CS1341	R. Samsritha	AWS
9	Y19CS1379	Y. Sai Priya	AWS
10	Y19CS1352	SK. Zuber Ahemmad	AWS
11	Y18CS1223	D. Varsha	AWS
12	COUNT - 322	All Students	MTA

STUDENT ACHIEVEMENTS

S.NO	Event Name	Date of the Event	Name of the Student	Venue	Awarded
1	Sports Competition (Lemon&Spoon)	03-11-2021	G. Durga Bhavani	Chalapathi Institute Of Engineering and Technology	Winner
2	Sports Competition (Lemon&Spoon)	03-11-2021	A. Anil Kumar	Chalapathi Institute Of Engineering and Technology	Winner
3	Sports Competition (Lemon&Spoon)	03-11-2021	M. Srija	Chalapathi Institute Of Engineering and Technology	Second
4	Sports Compitition (Carroms)	03-11-2021	J.Triveni B.Gopal Krishna	Chalapathi Institute Of Engineering and Technology	Winner
5	Sports Compitition (Carroms)	03-11-2021	V.Srikanth D.SivaSankar	Chalapathi Institute Of Engineering and Technology	Second
6	Sports Compitition (Apple Eating)	03-11-2021	A.Pavan Kumar L.Asritha Kousalya	Chalapathi Institute Of Engineering and Technology	Winner

7	Sports Competition (Essay Writing)	03-11-2021	N.Srinath	Chalapathi Institute Of Engineering and Technology	Winner
8	Sports Competition (Essay Writing)	03-11-2021	T.Ugwala	Chalapathi Institute Of Engineering and Technology	Second
9	Sports Competition (Essay Writing)	03-11-2021	V.Tony	Chalapathi Institute Of Engineering and Technology	Third
10	Sports Competition (Drawing)	03-11-2021	N.H.P.Chandana	Chalapathi Institute Of Engineering and Technology	Winner
11	Sports Competition (Drawing)	03-11-2021	SK.Reshma P.Thambi Raj	Chalapathi Institute Of Engineering and Technology	Second
12	Quiz Competition	23-10-2021	Lakshmi K.SaiPavani M.Phani G.Leela Sai Krishna	Chalapathi Institute Of Engineering and Technology	Winner
13	Aptitude Test Competition	14-02-2022	K.N.V.Hasmitha P.uday Sankar	Chalapathi Institute Of Engineering and Technology	Winner
14	Sankranthi Sambaralu (Cricket)	06-01-2022	G.Ashok kumar and Team	Power play cricket ground	Winner
15	Sankranthi Sambaralu (Cricket)	06-01-2022	N.Srinadh and Team	Power play cricket ground	Second
16	Sankranthi Sambaralu (Rangoli)	07-01-2022	K.Manasa G.Meghana G.Madhuri	Chalapathi Institute Of Engineering and Technology	Winner
17	Sankranthi Sambaralu (Rangoli)	07-01-2022	D.Sravani B.Susmitha B.Suma	Chalapathi Institute Of Engineering and Technology	Second
18	Sankranthi Sambaralu (Rangoli)	07-01-2022	R.Lahari CH.Likitha Bhavani B.Chandrleka	Chalapathi Institute Of Engineering and Technology	Third
19	Sankranthi Sambaralu (Mehandi)	07-01-2022	K.Naga lakshmi	Chalapathi Institute Of Engineering and Technology	Winner
20	Sankranthi Sambaralu (Mehandi)	07-01-2022	P.Narmadha	Chalapathi Institute Of Engineering and Technology	Second
21	Sports Competition (Essay Writing)	03-11-2021	N.Srinath	Chalapathi Institute Of Engineering and Technology	Winner
22	Sankranthi Sambaralu (Ballon blast)	07-01-2022	T.Gopi chand	Chalapathi Institute Of Engineering and Technology	Second

23	Sankranthi Sambaralu (Blind game)	07-01-2022	G.Ganesh Gopal	Chalapathi Institute Of Engineering and Technology	Winner
24	Sankranthi Sambaralu (Blind game)	07-01-2022	Y.Brahmaiah	Chalapathi Institute Of Engineering and Technology	Second
25	Sankranthi Sambaralu (Fashion show boys)	08-01-2022	G.Yashwanth sai ram	Chalapathi Institute Of Engineering and Technology	Winner
26	Sankranthi Sambaralu (Fashion show boys)	08-01-2022	A.Gopi	Chalapathi Institute Of Engineering and Technology	Second
27	Sankranthi Sambaralu (Fashion show girls)	08-01-2022	B.Nandini	Chalapathi Institute Of Engineering and Technology	Winner
28	Sankranthi Sambaralu (Fashion show girls)	08-01-2022	P.Lashmi Prasanna	Chalapathi Institute Of Engineering and Technology	Second
29	Aavishakar	17-12-2021 - 18-12-2021	Jaladanki Ajay Kumar	Chalapathi Institute Of Engineering and Technology	Third
30	Perfect Shutter	17-12-2021 - 18-12-2021	Kancharla Sai Sindhura	Chalapathi Institute Of Engineering and Technology	Third
31	Start-Camera-Action	17-12-2021- 18-12-2021	Adigopula Gopi &Team	Chalapathi Institute Of Engineering and Technology	Second
32	Papyrus	17-12-2021- 18-12-2021	D. Varsha	Chalapathi Institute Of Engineering and Technology	Third
33	Pradarshan	17-12-2021 - 18-12-2021	L.Asritha Kousalya	Chalapathi Institute Of Engineering and Technology	Third
34	Story Writing (International Womens Day)	08-03-2022	SK.Reshma	Chalapathi Institute Of Engineering and Technology	First
35	Story Writing (International Womens Day)	08-03-2022	M.Sai Sindhu	Chalapathi Institute Of Engineering and Technology	Third
36	Sankranthi Sambaralu (Tennecoit girls)	10-01-2022	K Bhagya Lakshmi N. Shiva Chandrika	Chalapathi Institute Of Engineering and Technology	Winner
37	Sankranthi Sambaralu (Tennecoit girls)	10-01-2022	D. Akhila K. Lakshmi	Chalapathi Institute Of Engineering and Technology	Second

38	Sankranthi Sambaralu (Shuttle Girls)	10-01-2022	K. Naha Lakshmi Y. Silpasri	Chalapathi Institute Of Engineering and Technology	Winner
39	Sankranthi Sambaralu (Shuttle Girls)	10-01-2022	B. Chndra Lekha V. Usha Rani	Chalapathi Institute Of Engineering and Technology	Second
40	Sankranthi Sambaralu (KOKO Girls)	10-01-2022	N. Apoorva and Team	Chalapathi Institute Of Engineering and Technology	Winner
41	Sankranthi Sambaralu (KOKO Girls)	10-01-2022	Rimsha Imroz and Team	Chalapathi Institute Of Engineering and Technology	Second
42	Sankranthi Sambaralu (Volleyball Boys)	10-01-2022	Adikesava and Team	Chalapathi Institute Of Engineering and Technology	Winner
43	Sankranthi Sambaralu (Volleyball Boys)	10-01-2022	P.Srinadh and Team	Chalapathi Institute Of Engineering and Technology	Second
44	Sankranthi Sambaralu (Kabbadi Boys)	10-01-2022	D. Amara Nageswara Rao	Chalapathi Institute Of Engineering and Technology	Winner
45	Sankranthi Sambaralu (Kabbadi)	10-01-2022	Adikesava and Team	Chalapathi Institute Of Engineering and Technology	Second
46	Sankranthi Sambaralu (Treasure Hunt)	11-01-2022	M. Krishnaveni P. Indu	Chalapathi Institute Of Engineering and Technology	Winner
47	Sankranthi Sambaralu (Stoveless Cooking)	11-01-2022	A. Jahnvi	Chalapathi Institute Of Engineering and Technology	Winner
48	Sankranthi Sambaralu (Stoveless Cooking)	11-01-2022	B.Kavya Sri	Chalapathi Institute Of Engineering and Technology	Second
49	Sankranthi Sambaralu (Carroms)	12-01-2022	P.Tambi Raj T.Gopi	Chalapathi Institute Of Engineering and Technology	Winner
50	Sankranthi Sambaralu (Carroms)	12-01-2022	M. Gopi Tarak A. Rohit	Chalapathi Institute Of Engineering and Technology	Second
51	Sankranthi Sambaralu (Chess Girls)	12-01-2022	K.Ruchiha	Chalapathi Institute Of Engineering and Technology	Winner
52	Sankranthi Sambaralu (Chess Boys)	12-01-2022	D. Sai Charan	Chalapathi Institute Of Engineering and Technology	Winner
53	Sankranthi Sambaralu (Tug of war)	12-01-2022	Nithin and Team	Chalapathi Institute Of Engineering and Technology	Winner
54	Sankranthi Sambaralu (Dance)	12-01-2022	N.Pavani	Chalapathi Institute Of Engineering and Technology	Winner
55	Sankranthi Sambaralu (Dance)	12-01-2022	V. Usharani	Chalapathi Institute Of Engineering and Technology	Second

56	AI/ML Hackathon	06-05-2022 to 08-05- 2022	D. Sai Charan G.Bala Krishna K. Raga Priya J. Ajay Kumar	Chalapathi Institute Of Engineering and Technology	Winner
57	AI/ML Hackathon	06-05-2022 to 08-05- 2022	B.Suma Madhuri B. Sai Teja B. Susmitha D. Sravani	Chalapathi Institute Of Engineering and Technology	Second
58	AI/ML Hackathon	06-05-2022 to 08-05- 2022	K. Ruchitha Chowdary L. Asritha Kousalya M. Anuhya K. Sai Pavani	Chalapathi Institute Of Engineering and Technology	Second Runner
59	AI/ML Hackathon	06-05-2022 to 08-05- 2022	M.S.Manjunadha M.Mohan K.Baneender N. Sai Gowtham	Chalapathi Institute Of Engineering and Technology	Third
60	AI/ML Hackathon	06-05-2022 to 08-05- 2022	SK. Ashraf Ahammad S.Nithin Sk. Zubeer V.Deepthi	Chalapathi Institute Of Engineering and Technology	Third Runner - 1
61	AI/ML Hackathon	06-05-2022 to 08-05- 2022	K.Ujwala M. Priyanka N.Mani	Chalapathi Institute Of Engineering and Technology	Third Runner - 2

Faculty Articles

Full Stack Development

The Development of both frontend and backend of a web application is known as full stack development. Full Stack Web Developers have ability to design complete application and website.

Technology related to full stack development:

Front end Languages :

- HTML
- CSS
- JAVASCRIPT

Front end Frameworks and libraries :

- Angular Js
- React Js
- BootStrap
- JQuery

The back end portion is built by using some libraries, frameworks, and languages which are discussed below:

PHP, C++, JAVA, PYTHON, Javascript and Node JS

Database: Database is the collection of inter-related data which helps in efficient retrieval, insertion and deletion of data from database and organizes the data in the form of tables, views, schemas, reports etc. "MongoDB and SQL"

Popular Stacks :

- MEAN Stack: MongoDB, Express, AngularJS and Node.js.
- MERN Stack: MongoDB, Express, ReactJS and Node.js
- Django Stack: Django, python and MySQL as Database.
- Rails or Ruby on Rails: Uses Ruby, PHP and MySQL.
- LAMP Stack: Linux, Apache, MySQL and PHP.

Carrer in Full Stack Development :

Employers look for developers with multiple skill sets and qualities so that they can limit the number of resources [unless there is a great need]. Therefore, full-stack development is an excellent career choice because professionals in this field can supervise and handle any given situation during product development.

Full Stack Developer salary in India ranges between ₹ 2.5 Lakhs to ₹ 17.0 Lakhs with an average annual salary of ₹ 6.6 Lakhs. Salary estimates are based on 9.2k salaries received from Full Stack Developers.

Ms Sk.Raziya Sultana
(Assistant Professor)

AI&ML

Artificial intelligence as an academic discipline was founded in 50s. Actually the “AI” term was coined by John McCarthy, an American computer scientist, back in 1956 at The Dartmouth Conference. According to John McCarthy, AI is “The science and engineering of making intelligent machines, especially intelligent computer programs”.

Machine Learning (ML) is a subset of AI. ML refers to systems that can learn by themselves. Systems that get smarter and smarter over time without human intervention. Most AI work now involves ML because intelligent behavior requires considerable knowledge, and learning is the easiest way to get that knowledge.

Though it was not until recently it became part of daily life thanks to advances in big data availability and affordable high computing power. AI works at its best by combining large amounts of data sets with fast, iterative processing and intelligent algorithms. This allows the AI software to learn automatically from patterns or features in that vast data sets. Then these kinds of AI news become part of our daily digests with self-driving cars, Alexa/Siri like digital assistants frenzy, real time face recognition at airports, human genome projects, Amazon/Netflix algorithms, AI composers/artists, hand writing recognition, Email marketing algorithms and the list can go on and on.

Smt M.Asha Aruna Sheela
(Assistant Professor)

Quantum Computing

Quantum mechanics emerged as a branch of physics in the early 1900s to explain nature on the scale of atoms and led to advances such as transistors, lasers, and magnetic resonance imaging. when physicist Richard Feynman gave a talk in which he reasoned that computing based on classical logic could not tractably process calculations describing quantum phenomena. Computing based on quantum phenomena configured to simulate other quantum phenomena, however, would not be subject to the same bottlenecks.

Quantum and classical computers both try to solve problems, but the way they manipulate data to get answers is fundamentally different. Superposition is the counterintuitive ability of a quantum object, like an electron, to simultaneously exist in multiple “states.” With an electron, one of these states may be the lowest energy level in an atom while another may be the first excited level.

In classical computing, bits are transistors that can be off or on, corresponding to the states 0 and 1. In qubits such as electrons, 0 and 1 simply correspond to states like the lower and upper energy levels discussed above. Qubits are distinguished from classical bits, which must always be in the 0 or 1 state, by their ability to be in superpositions with varying probabilities that can be manipulated by quantum operations during computations.

Sri Y. Rokesh Kumar
(Associate Professor)

Top 10 Popular Programming Languages And Their Creators

1. Java - James Gosling
2. C - Dennis Ritchie
3. C++ - Bjarne Stroustrup
4. Python - Guido van Rossum
5. PHP - Rasmus Lerdorf
6. Perl - Larry Wall
7. JavaScript - Brendan Eich
8. Ruby - Yukihiro Matsumoto
9. Lisp - John McCarthy
10. Pascal - Niklaus Wirth

Sri SK. John Sydulu
(Assistant Professor)

Thinking out of the Box - Career Guidance

Steve Jobs said- "Creativity is just connecting things. When you ask creative people how they did something, they feel a little guilty because they didn't do it, they just saw something. It seemed obvious to them after a while. That's because they were able to connect experiences they've had and synthesize new things."

What is creativity?

Creativity is a thought, an idea or an action that is performed differently and has a positive impact. This incipient Articles conception or action might not be intentional or set in advance, and it just blooms within a person.

In the present scenario, we often see job advertisements looking for people who think out of the box and know how to handle situations in a smart way. So when and where do our young generation learn these 21st-century skills?

Emphasize on the process not the result :

Approaches to the same assignment can be different. As far as the process is veridical, there is a chance that the result will be fair. Children take the risk of creating something new; we must appreciate the effort and the learning involved in the process. If not a great result; the child will get involved in a lot of learning during the process.

Comparison :

Comparison is a very old theory that every child is unique and should not be compared to another child. Comparing two students does not help much. On the other side encouraging and giving ideas and tips wherever required fosters creativity. However; as adults, we can help children develop creativity by giving some clues or prompting them with some ways to reach the result.

All the above theories of articles look very simple and many of us might ken them. What makes it arduous is to practice them. We as adults are acclimated to visually perceive things in a structured way. We find it difficult to accept new ways of doing things. The day we start looking at things with a different perspective and encourage out of the box thinking; creativity will flourish.

Sri P.Venkata Siva
(Assistant Professor)

UPI Transactions and important facts

Key Takeaways

- UPI allows instant money transfers from one account to another using a smartphone.
- It is a freely available service, and you just need to download the free UPI app.
- You can transfer up to INR 1 lakh per UPI transaction and carry out up to 20 UPI transactions per day.
- You may link multiple bank accounts to the same UPI ID.
- UPI allows transactions 24x7.

UPI (Unified Payments Interface) is a payment system developed by the National Payments Corporation of India (NPCI). UPI allows instant transfer of money from one bank account to another. You only need an internet-enabled smartphone to send and/or receive money via UPI. Banks process payments with the help of unique UPI IDs of the sender and receiver of funds. You can create the UPI ID yourself after downloading the application of your bank on your smartphone.

UPI Transactions – Important Facts

- You may link multiple bank accounts to the same UPI ID.
- You cannot reverse a payment once the UPI platform processes it.
- Money is refunded to the source account if any UPI transaction fails.
- You can download multiple UPI apps on the same mobile phone and link the same account to different UPI apps.
- You can initiate UPI transactions 24x7

Smt B. Rajya Lakshmi
(Assistant Professor)

5G

The next technology trend that follows the IoT is 5G. Where 3G and 4G technologies have enabled us to browse the internet, use data driven services, increased bandwidths for streaming on Spotify or YouTube and so much more, 5G services are expected to revolutionize our lives. by enabling services that rely on advanced technologies like AR and VR, alongside cloud based gaming services like Google Stadia, NVidia GeForce Now and much more. It is expected to be used in factories, HD cameras that help improve safety and traffic management, smart grid control and smart retail too.

Just about every telecom company like Verizon, Tmobile, Apple, Nokia Corp, Qualcomm, are now working on creating 5G applications. 5G Networks will cover 40% of the world by 2024, handling 25% of all mobile traffic data making it an emerging technology trend you must watch out for, and also save a spot in.

Sri SK. John Sydulu
(Assistant Professor)

Robotic Process Automation(RPA)

RPA is a form of business process automation that allows anyone to define a set of instructions . “RPA bots are capable of mimicking most human-computer interactions to carry out a ton of error-free tasks, at high volume and speed.” the role of RPA is to automate repetitive tasks that were previously handled by humans. The software is programmed to do repetitive tasks across applications and systems. The software is taught a workflow with multiple steps and applications. There are 3 major types of robotic process automation: attended automation, unattended automation, and hybrid RPA. 5 RPA tools are

- 1) Keysight’s Eggplant
- 2) Inflectra Rapise
- 3) Blue Prism
- 4) UiPath
- 5) Automation Anywhere
- 6) Pega

The various types of RPA:

Attended automation: These tools will require human intervention while performing automation processes. **Unattended automation:** These tools are intelligent and have decision-making capabilities.

Hybrid RPA: These tools will have combined capabilities of both attended and unattended automation tools.

Benfits of RPA:

- Boost Productivity Across the Board
- Hit Accuracy Goals with Reliable Consistency
- Improve Business Data Security
- Produce Data for Important Analytics
- Automate in Non-Disruptive Ways
- Create a Better Customer Service Experience

Industries using RPS:

Robotic process automation is mainly used in Banking, Insurance, Retail, Manufacturing, Healthcare, and Telecommunication industries.

Smt K.Tejaswi
(Assistant Professor)

Quality in Engineering Education

Abstract: The success of a nation depends on the capability, competence and efficiency of its human resources. No country can think of its viability without people skills. Hence, in recent times, economists have also added human resource as a key factor for building and developing the nation. In present national and international context, higher education in general and technical education in particular is heavily leaned towards its capability to enrich students with knowledge and skills in obtaining a lucrative job. But unfortunately, technical education, more particularly engineering education, is being driven towards commercial competition imposed by economic forces.

With the mushrooming of engineering colleges, competition is becoming intense. Lack of clear cut Government policy towards expansion of these institutions, non-availability of quality teachers in the academic world, lack of commitment in creating high standard knowledgeable professionals are frustrating. While aligning the engineering education with the current needs of the society, one should not forget the quality aspect. In these turbulent times, all institutions which are imparting engineering education are forced to revamp their strategies to cope up with the change. One of such mostly accepted strategy is application of TQM principles in engineering education.

Overview

The success of a nation largely depends on the technical and life skills of people. Without these skills we can't dream the viable life of residents of that country. Hence it is considered that human as a predominant factor in development of a society. In the present day context, technical education is heavily leaned towards its capability to enrich students with knowledge and skills in obtaining a lucrative job. When the world is shrinking to a global village and geography is increasingly becoming history, India is going to become knowledge super power because of its tremendous intellectual and technical expertise. There will be a great demand for all kinds of technical talent. Thus, it is a critical moment for India as it has to play a major role in the emerging knowledge society. But unfortunately, in India, engineering education is being driven towards commercial competition imposed by economic forces. With the mushrooming of engineering colleges, competition is becoming intense. Roorkee. In pursuance of the Government policy, three Engineering Colleges were opened by about 1856 in the three Presidencies. At later stage, Pune College of Engineering and Guindy College of Engineering were started in 1858.

After 1880, the demand for mechanical and electrical engineering was felt, but the three Engineering Colleges started only apprenticeship classes in these subjects. The Victoria Jubilee Technical Institute, which was started at Bombay in 1887, with the objective of giving training to licentiates in Electrical, Mechanical and Textile Engineering. In 1915, the Indian Institute of Science, Bangalore, opened Certificate Programme in Electrical Engineering. The credit of first starting degree classes in mechanical and electrical engineering and in metallurgy goes to the University of Banaras in 1917. About fifteen years later, in 1931-32, the Bengal Engineering College at Sibpur started mechanical engineering courses, electrical engineering courses and courses in metallurgy in 1939-40.

Courses in these subjects were also introduced at Guindy and Poona about the same time. Quite a number of engineering colleges have been started since August 15, 1947. It is due to the realization that India has to become a great industrial country, and would require a far larger number of engineers than could be supplied by the older institutions. In some cases, existing lower type institutions have been raised to the status of degree-giving colleges. During the last three decades, a well-organised and a wide network of technical institutions offering different types of programmes like craftsman courses, technician (diploma) courses, graduate and post-graduate courses, etc., catering to the various levels of knowledge, skills and competences required by the economy were introduced.

Sri V. Naga Bhushanam
(Assistant Professor)

Data Science

Introduction

A significant portion of today's market works on data. This is why the field of Data Science has become essential to help businesses analyze trends and make accurate predictions to create profits. Data Science is a field of study that extracts meaningful information from large complex and raw data. It is an interdisciplinary field combining Computer Science, Mathematics, and Statistics.

There are numerous Data Science applications in various industries that have become part of our daily lives. Some of the most common Data Science uses are predictions, recommendations, decision making, personalization, optimization, automation, etc.

Benefits

- Any student or young professional interested in learning this subject must understand Data Science and its applications.
- In the healthcare industry, physicians use Data Science to analyze data from wearable trackers to ensure their patients' well-being and make vital decisions. Data Science also enables hospital managers to reduce waiting time and enhance care.
- Retailers use Data Science to enhance customer experience and retention.
- Transportation providers use Data Science to enhance the transportation journeys of their customers. For instance, Transport for London maps customer journeys offering personalized transportation details, and manages unexpected circumstances using statistical data.
- Data Science applications in the public service field include health-related research, financial market analysis, fraud detection, energy exploration, environmental protection, and more.

Smt D. Sureka
(Assistant Professor)

Student Articles

WOMEN | THE GUARDIAN

Life of a woman implies a lot of secrets and ambiguities. Their life is often treated as mysterious. This is the main reason I choose this topic..As a girl I want to share some feelings about mine. On a woman.

Who Is Woman?: A woman; is she a human creature? No, she is a reward given by the God. A woman could be a mother, a daughter or a wife. She needs to attain many roles and duties throughout her life.

As A daughter:

A daughter, this is the premature age of a woman. She starts understanding the world at this age. At this age, every parent keeps a good watch on her. They treat her as their princess. A small girl receives many delights than a boy. Her child age consists of many duties. She needs to take education to endure her life as an educated woman. Apart from studies, she needs to maintain her childhood by keeping herself busy in playing. While doing these two activities, she has to help her mother in household activities like cooking, cleaning etc.

As A wife:

A woman needs to marry at her fairly young age of 21 to 25. She needs to leave her maternal place. Could we imagine the situation when we need to leave our native place permanently? Yet, she accepts this challenge to become a Wife of someone. As a wife, her responsibilities increase speedily. She needs to obey her husband. She has to take good care of the people living at her husband's place. If she is working outside then she has to keep a good equilibrium between the office and household workings.

As A mother:

After marriage, a woman comes across the most difficult part of her life when she becomes a mother. We cannot even imagine the difficulty involved in becoming a mother. She has to take good care of her child. She performs various tasks for her baby such as feeding, bathing, sleeping etc. When her

child grows up she needs to take the study. She has to manage the career of her child by showing correct directions in complex situations. Is it simple to handle these many responsibilities in a day?

Are We Giving Enough Security?

Security of women has become the need of today's age. Women all across the world are highly insecure. They often come across the situations that can kill their womanhood. She has to live alert all the time to protect herself. Our Government must design the strict actions against the people who attempt rape, teasing, stripping etc. Does the Govt Provide Security? In What Ways?: This is the main question?

The answer is yes.....The govt is providing a great security mainly or especially for women.After a incident of a girl who named disha has been sexually assaulted ,this incident is the main idea to bring an app called DISHA.by using this app many girls and woman are saved not only women and some other people also.This app greatly helps the people.And a women can be protected by herself having willpower and confidence like self defence and etc...

Conclusion:

The life of a woman involves everything. She could be perceptive and aggressive. She could be beautiful and exceptional. She doesn't need anything apart from a respectful and secured life. We must respect the feminine gender to the utmost possible level. We must support her in the bad times. When we look at a stranger woman we must see a mother or a sister in

K.Annapurna
(L21cse199)

THE PLACE OF WOMEN IN INDIAN SOCIETY

In the current technological arena, women are competing equally along with men in every sphere. There are women pilots, politicians, industrialists, engineers and even conductors. It is a good symptom for the development of any nation. But in India it is only one side of the coin. To know the other side of it, have a glance at their position from the ancient times. When Aryans entered India in 1500 B.C., Sindhu Culture came to an end. At that time there was matriarchal family system where mother had major role in the family. Husband used to come to the house of wife. Their children belonged to the community of mother.

After 1500 B.C., it was replaced by patriarchal family system, in which father was the head of the family. He had to look after the things outside the house and mother had to attempt house hold affairs. 1500 B.C. - 500 B.C. was called 'Vedic Period History reports that women were given a glorified status during that period. She was an embodiment of shakthi or power. Rigveda had women scholars like Gargi, Matreyi.During freedom struggle Sarojini Naidu, Kasturba Gandhi, Durgabai Deshmukh and women played vital role in liberating our motherland from the clutches of the British.

After independence, the constitution of India opened a new chapter in the history of women and granted them full equality. Free India had her women ambassadors, women cabinet ministers. women scientists, engineers, police officers and magistrates. The glory of Indian women is enlightening the world. Such distinguished personalities are Indira Gandhi, Sheela Dixit, Sushma Swaraj in politics; P.T. Usha, Mithali Raj, Koneru Humpi, Sania Mirja in sports; M.S. Subba Lakshmi, Sobha Naidu, Latha Mangeshkar in Arts, Maha Swetha Devi, Arundathi Roy in Literature; Kiran Bed in police department. Women are academically better and socially more active. If we have a glance at universities, surprisingly our young women capture most of the merit seats and gold medals.Rape and molestation have become routine phenomenon. According to the reports of the WHO there is a rape for every 54 minutes in India. This is the outcome of today's formula based films which are full of sex, outrage, rape, hot-stuff, excitement. These films degrade the dignity of women in the society.

Women represent half of Indian population but they do not carry the weightage in this vast country at social, family, national and international level which they rightly deserve. The obvious reasons are - male dominated society, male ego, religious and social beliefs, the illiteracy and backwardness of women. She has been trained as dependent since her childhood. If an educated girl is asked about her career, the most common answer is, let it be decided by her father or would be husband. That's why it is said that women stop thinking after marriage and men start thinking after marriage. The male ego must be made compatible with the female identity. A husband must respect his wife even if she is a housewife. He must co-operate with her in all aspects. Man and woman are like two wheels of a carriage. The life of one without the other is incomplete. Man and woman should contribute to the development of each other's personality. In 1985, a separate department of women and child development was set up.

The year 1995 was declared as the International year for women through out the world. International women's day' is celebrated on 8th March every year. The government implemented major programmes like Support to Training cum Employment for women (STEP), Mahila Kosh, Women's Development Corporation etc. The legislation on Pre-natal Diagnostic Technique (Regulation and Prevention of misuse Act 1994) should be implemented strictly. The police should accept more female officers and constables so that they are able to empathies with the female victims of our society.

Finally, the women must become literate as it is very important for them and their families as well. The day is not far, where women will regain their past glory and show their greatness to the world.

**By P. Raja Rajeshwari
(Y19CS1332)**

Farewell

Whatever form it takes, a death or separation or end of the school, college whatever the form it is, a farewell leaves a scar in our hearts. It torments us, and makes us feel pain, it make us feel sad or lonely and because of that, we don't want to say goodbye to anyone anymore, even then, there are the times where people say goodbye

with happiness,
with Joy,
with bits of resentment,

regret and some with great excitement as they are moving to the next stage of life and embracing the beauty of tomorrow by holding only the good memories and achievements of the past.

Finally, at the last moments of the day, we have to say goodbye to everyone in hoping to meet again someday, which we may not be afraid of or may not come to think of regrets but to have a bittersweet reunion again.....

**By J. Sri Deepthi
(Y19CS1261)**

Data Visualization

What Is Data Visualization ?

Data visualization is the graphical representation of information and data. By using visual elements like charts, graphs, and maps, data visualization tools provide an accessible way to see and understand trends, outliers, and patterns in data. In the world of Big Data, data visualization tools and technologies are essential to analyze massive amounts of information and make data-driven decisions.

Advantages and benefits of good data visualization ?

Our eyes are drawn to colors and patterns. We can quickly identify red from blue, square from circle. Our culture is visual, including everything from art and advertisements to TV and movies. Data visualization is another form of visual art that grabs our interest and keeps our eyes on the message. When we see a chart, we quickly see trends and outliers. If we can see something, we internalize it quickly. It's storytelling with a purpose. If you've ever stared at a massive spreadsheet of data and couldn't see a trend, you know how much more effective a visualization can be.

Why data visualization is important for any career ?

It's hard to think of a professional industry that doesn't benefit from making data more understandable. Every STEM field benefits from understanding data—and so do fields in government, finance, marketing, history, consumer goods, service industries, education, sports, and so on. While we'll always wax poetically about data visualization (you're on the Tableau website, after all) there are practical, real-life applications that are undeniable. And, since visualization is so prolific, it's also one of the most useful professional skills to develop. The better you can convey your points visually, whether in a dashboard or a slide deck, the better you can leverage that information. The concept of the citizen data scientist is on the rise. Skill sets are changing to accommodate a data-driven world. It is increasingly valuable for professionals to be able to use data to make decisions and use visuals to tell stories of when data informs the who, what, when, where, and how. While traditional education typically draws a distinct line between creative storytelling and technical analysis, the modern professional world also values those who can cross between the two: data visualization sits right in the middle of analysis and visual storytelling.

**By B. Sai Teja
(Y19CS1212)**

Change in Certainty

My special mention towards me is that the prediscovered personality for which i inspire myself for all the struggles i face ,is the most sensed preliminary cases which i want to overcome. here i want to explore the way where i want to enrout to.the characterisation for which i may be able to replicate towards the censored feelings which covers my expressions to make sure that the actions i make is fake and fault.then something should start in my life ;change : change is most probable aspect for which the situations we perform the actions in favor to us.....

to change my attitude
to change my behaviour
to change my character
will change my life.....

this is the way i prefer my life would be. one thing i always that plan,schedule, explore towards the change. the predetermined aspect for which i retrieve myself must be a well defined spiritual prospect in my life.a decent mannerism in the sense doesn't show how you are a well being,but it may be one of the promising perspective for which i would make myself as my inspiration.finally , change isn't a art which is only made by an artist, but it is a purpose to change for every individual.

**By D. Sai Charan
(Y19CS1232)**

MALALA YOUSAFZAI

Fortunately,the world has a lot of examples of such inspiring souls.On the occasion of National Women's day,let's talk about women who not only fought all the odds and emerged as winners but are also making the world a better place in their own way.

“ One child,one teacher,one book,one pen can change the world”,says Malala in her memoir I am Malala.Malala story is that of grit,courage along with an unwavering belief in doing good to others .

Malala began her fight for girls — from an education activist in Pakistan to the youngest Nobel Peace Prize laureate — and how she continues her campaign through Malala Fund.

She was born in Mingora, Pakistan on July 12, 1997: Welcoming a baby girl is not always cause for celebration in Pakistan — but her father, Ziauddin Yousafzai, was determined to give her every opportunity a boy would have.

In 2008 her father was a teacher and ran a girls' school in their village: She loved school. But everything changed when the Taliban took control of their town in Swat Valley. The extremists banned many things — like owning a television and playing music — and enforced harsh punishments for those who defied their orders. And they said girls could no longer go to school.In January 2008 when she was just 11 years old, She said goodbye to my classmates, not knowing when — if ever — I would see them again.

In 2012 She spoke out publicly on behalf of girls and our right to learn. And this made her a target: In October 2012, on her way home from school, a masked gunman boarded her school bus and asked, “Who is Malala?” He shot her on the left side of her head.She woke up 10 days later in a hospital in Birmingham, England. The doctors and nurses told me about the attack — and that people around the world were praying for her recovery.

In 2014 After months of surgeries and rehabilitation, she joined her family in their new home in the U.K: It was then I knew she had a choice: I could live a quiet life or she could make the most of this new life she had been given. I determined to continue her fight until every girl could go to school.With her father, who has always been her ally and inspiration, She established Malala Fund, a charity dedicated to giving every girl an opportunity to achieve a future they chooses. In recognition of her work, she received the Nobel Peace Prize in December 2014 and became the youngest-ever Nobel laureate.

In 2018 I began studying Philosophy, Politics and Economics at the University of Oxford: And every day she fight to ensure all girls receive 12 years of free, safe, quality education. She travel to many countries to meet girls fighting poverty, wars, child marriage and gender discrimination to go to school. Malala Fund is working so that their stories, like mine, can be heard around the world. They invest in developing country educators and activists, like her father, through Malala Fund's Education Champion Network. And she hold leaders accountable for their promises to girls.

In 2020 she graduated from Oxford University: She will always treasure my time at Lady Margaret Hall — the lectures, club meetings, balls and late nights (some spent finishing papers, some just chatting with friends in the dorm). Although a global pandemic meant she spent her final months as a university student in her parents' house, she's grateful that she was able to complete her education. After taking time to relax, She was more dedicated than ever to her fight for girls. With more than 130 million girls out of school today, there is more work to be done. She hope them will join her fight for education and equality. Together, They can create a world where all girls can learn and lead.

*****Jai Hind*****

By SK. Reshma
(Y20CSE159)

OUR COMMUNITY

We are in a country where democracy is such a big thing for the government. In our country constitution is very important based on that our lives are going on. But that was made years ago the situations are extremely changed when compared to the time when was the constitution was made but till now we are following the same rules which was made in that condition.

Major problems we are facing in the society with the caste are:

1. **Reservation based on caste** : At the time of our constitution making there are some backward castes so they made the constitution in the benefit to those backward castes, but right now it was became like one sided because the people in the other castes having talent are not getting opportunities because of this reservation. It's a good idea to reserve some seats for those candidates at that time, because they are backward and if there is some encouragement from the govt. side it is very helpful for them. But now the situations are changed now they also became aware of society, they got respect in society, now there is no that much need of reservation when compared to the time of constitution making. But our political parties using that reservation for gaining their votes so no one is dare to remove that reservation system .

2. **Elections** : According to the constitution in our country Elections are the major thing based on which the whole country runs. Elections are meant to be run for the people-to the people-and by the people but in our country which we say as the biggest democratic country the elections are running on the basis of for the caste-to the caste-and by the caste. For example consider a scenario you are participating as a MLA in a particular area if In that area the major part of the voters are belong to your community half of the work has already done with the help of your own caste. Because now a days no one needs whether the leader is good or not, does he changes our fate or does he solves our problems . They just thinking someone has to come as our leader, if he belongs to our caste we will have some advantage. Even our political parties are also like that only. Is there any one political patry which has the support of all the communities? Atleast one? My answer is no... Because there is a separate political party for every major caste. That is why I mentioned above in our country the elections are going for the caste-to the caste-and for the caste.

3. **Films :** If there are any scenes that are against to a caste in a movie those people who belong to that caste wont sleep until they are removed from that movie.. My question is, in most of our films the directors are showing bad side of the police department and our politicians (which are very important for the so called democratic country)but no one among us responding for that, and no one complaining in police station stating our politicians character has shown very bad even the politicians are happy for the way they have been showing in the movies because no one is complaining on the directors right. Even the department of police are also happy with the way in which their character has been showing very bad in the movies. The people are complaining to the police if their caste was discriminated in a movie but no one complaining for the way the character of police and politicians have been shown in the movies. Why? Why the people are not questioning the directors about the way in which the character of our society is being shown in the films. It shows that, for us our caste is important more than our society and country.

4. **Children :** The present generation kids are also more passionate about their castes more than their future. They never fail to celebrate the birthdays of so called political leaders(most of them even don't know their parents birthdays but never fail to celebrate the leaders birthdays)that shows how the caste is injected into our veins. When someone talking badly about our caste we cant control ourselves we are ready to fight with them.. For example if you go and ask a sixth class student about their study and their syllabus they may cant tell properly but try to ask them about their caste they never fails to tell that, that's how the generation is...

In our country corruption and poverty are the two major problems but why no one raises the problem of caste it is also one of the main problem in our society. If we are able to remove the problem of caste, half of the corruption problem is solved. Before dreaming to make our country (Swatch Bharath) clean, first we have to make our minds clean by removing the feeling of caste...

**By A. Manoj Kumar
(Y19CS1204)**

Cloud Computing

Cloud computing is a new technology that is undergoing tremendous development today. Cloud computing is a way to dynamically increase resources without the need for indepth knowledge of a brand new infrastructure, without training new workers or designing new software solutions. People who use it are not able to separate the reasonable from the unreasonable arguments that come with the security requirements in the cloud. In the last few years, cloud computing has grown from being a promising business concept to one of the fastest growing segments of the IT industry. "Cloud computing is a model for enabling convenient, on-demand network access to a shared pool of configurable computing resources (e.g., networks, servers, storage, applications, and services) that can be rapidly provisioned and released with minimal management effort or service provider interaction.

Cloud computing security often referred to as cloud security is a set of policies and control-based technologies that protect any kind of data, application and the infrastructure related to the data of cloud computing. Cloud security is the main key for the cloud success. There are two technologies which are mainly used in cloud computing, one is the Multi-tenancy and second thing is the virtualization. IaaS (Infrastructure as a service) is mainly dependent on the virtualization technology. This enhances the security and isolation process in the cloud computing. Multi-tenancy can be achieved through the use of the virtualization.

**By L. Asritha kousalya
(Y19CS1289)**

5G Wireless Systems

What is 5G wireless technology ?

Here is what 5G Wireless technology is actually about: Making it feasible for telecommunications providers to deliver profitable services over their wireless networks. 4G LTE made running their radio access networks (RAN) too expensive. Compared with 5G, 4G consumes too many resources, requires too much human oversight, and to borrow a phrase best uttered by Ella Fitzgerald, runs too darn hot. The promise of 5G is that it cuts costs. 5G will use orthogonal frequency-division multiplexing (OFDM) encoding, similar to 4G LTE. 4G,

They're all pitching a service that has yet to go live. To consumers, 5G is being marketed as a higher quality-of-service option for media-rich, multi-party communications. To enterprises, 5G represents an alternative route to cloud data centers and global business services. Both service classes are being pitched not so much as eventualities as inevitabilities. Several years into the 5G transition already, there remain open questions and unresolved issues. Most importantly, some services with the "5G" moniker are live now, or at least available in some early form, and consumers are searching for that much-promised value.

If 5G eventually succeeds, what happens?

- Converged service could lead to converged carriers.
- Small cell infrastructure could remake landscapes.
- The global technology economy could be reconstructed.

5G Wireless use cases :

- Driverless automobiles.
- Virtual reality (VR) and augmented reality (AR).
- Cloud computing.
- Internet of Things.
- Healthcare.

By D. Rakesh Reddy
(Y19CS1234)

Blockchain Technology

Blockchain defined:

Blockchain is a shared, immutable ledger that facilitates the process of recording transactions and tracking assets in a business network. An asset can be tangible (a house, car, cash, land) or intangible (intellectual property, patents, copyrights, branding). Virtually anything of value can be tracked and traded on a blockchain network, reducing risk and cutting costs for all involved.

Key elements of a blockchain

Distributed ledger technology All network participants have access to the distributed ledger and its immutable record of transactions. With this shared ledger, transactions are recorded only once, eliminating the duplication of effort that's typical of traditional business networks.

Immutable records

No participant can change or tamper with a transaction after it's been recorded to the shared ledger. If a transaction record includes an error, a new transaction must be added to reverse the error, and both transactions are then visible.

Smart contracts

To speed transactions, a set of rules — called a smart contract— is stored on the blockchain and executed automatically. A smart contract can define conditions for corporate bond transfers, include terms for travel insurance to be paid and much more.

Why blockchain is important:

Business runs on information. The faster it's received and the more accurate it is, the better. Blockchain is ideal for delivering that information because it provides immediate, shared and completely transparent information stored on an immutable ledger that can be accessed only by permissioned network members.

Benefits of Blockchain :

What needs to change: Operations often waste effort on duplicate record keeping and third-party validations. Record-keeping systems can be vulnerable to fraud and cyberattacks. Limited transparency can slow data verification. And with the arrival of IoT, transaction volumes have exploded. All of this slows business, drains the bottom line — and means we need a better way. Enter blockchain.

Greater trust With blockchain, as a member of a members-only network, you can rest assured that you are receiving accurate and timely data, and that your confidential blockchain records will be shared only with network members to whom you have specifically granted access.

By Pathan Umar Farooq
(Y20CSE128)

PURPOSE OF LIFE HOMELESS TO HARVARD

In the journey of life, there are times when we seem to be surrounded by difficulties on all sides, when we seem to have hit a wall with no means for progress, when problems seem to hang over us like dark clouds with no ray of hope. When our life reaches such a junction point, what are the options before us? Let us learn from the life of Liz Murray, who was born in the Bronx, a notorious region of New York. Her parents were alcoholics and ivy drug users. They loitered here very much, but neglected her because of their preoccupation with drugs. Liz recalls that she woke up one morning to find out her parents had sold her sister's winter coat to get money for the next fix. As a 9-years-old, she began working at a gas station, bagging groceries and getting tips to keep feeding herself and her sister.

When she reached junior high school, it was the first time she realized it was not common for children to have parents who sat in the living room and injected drugs into their body. That was also the time, when her mother's AIDS became acute and she had to drop out of school to take care of her. When Liz was 15 years old, her mother died, and her father moved into a shelter. Liz was now homeless. She put her two together. She connected the lifestyle that she had seen of her mother with the end that she reached and decided she would not let it happen to her. She took admission at the Humanities Preparatory Academy in Manhattan. Now, during the day, she would study in school, and because she was homeless, she would spend the rest of the time either parking on metro trains throughout the night or sitting under stairs and studying. A school trip took her to Harvard, and she set her sights high. She decided why can I not be admitted here? She also applied for the New York Times Scholarship. She fast-tracked her studies to complete a 4-year syllabus in school within a year to make up for the lost time.

Her interview for Harvard and the New York Times Scholarship fell on the same day, sitting in the queue for the Scholarship, she requested if she could be pushed forward.

They rejected her demand. She dropped the interview, went to Harvard and got selected. Latest on the president of the foundation, Bandy Kennedy" - he granted her the deal York Times Scholarship as well with a commendation: We have never before seen a student do a 4-year syllabus in a year and top of the class of 158 students with marks of 95%. Liz Taylor had done the impossible, she had moved from there is always a way if we are willing to look hard enough and persevere."

P.Harshini
(Y20CSE140)

THE MYSTERIOUS UNIVERSE

Universe is everything that includes the space, and all the matter that the space contains. As we all know that the big bang theory is the prevailing cosmological description of the development of the universe

What does universe contain?

Many years of the human observations and their research improvements led to the realization that earth is just a small part of universe. It contains stars, asteroids, sun, planets etc. But still there are some unquestioned things and mysteries about it. Humans? are the only creatures in the universe? Universe is the mysterious topic to the humans. After the in-depth and in-detailed research of the humans there are some concepts of parallel universe and the aliens. Some of them believed that we are not alone in the universe.

Many of the researches are going on those concepts we have already started by launching some satellites on to the other planets for example Mangalyan launched on 5th November 2013 is the most successfully launched satellite by India as per the scientist they are trying to establish the new life in the another planet by around 2050 and 2070. Parallel universe which is also known as the parallel dimension is a hypothetical self-contained plane of existence with one's own but we properly have no evidence to prove that it exist. It is just an estimation of the scientists. There are the many mysterious places and the things that are there in our universe which makes us to believe in the parallel universe.

Time travelling is one of the such believed by many people that people can travel from the future to past. Some of them are strongly believed that these aliens are the time travelers who are observing the earth. Some of the mysteries and the incidents in the past are some of the reasons to believe in it. But we don't have the proper evidences on this concept too

According to some beliefs there are some more people lives in the universe who are called as aliens. Stephen Hawking aliens are more powerful than the humans and they may have the advanced technology. It may be dangerous to us to do research on aliens. He said that it is better to explore ourselves in this universe and protect ourselves from any other dangerous situations that we will have to face in the future generation.

Can we be able to travel to the edge of universe??

It is a highly impossible thing that we can't be able to travel to the edge of universe because we don't know the accurate situations and the consequences that we have to face while we are travelling through the certain planet. We even don't know the asteroids movement which may cause the damage to the satellite that we launch. It also takes billions of years to travel hence a satellite can't be able to work for that much long time. Main thing here it is we won't have that much highly developed technology and advancement

By B. Akhila
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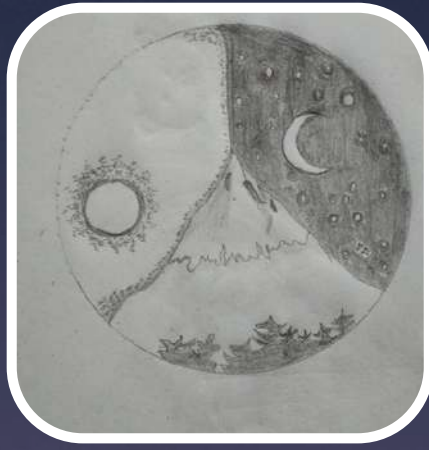
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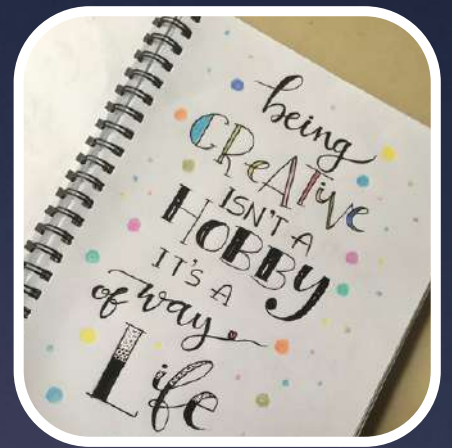
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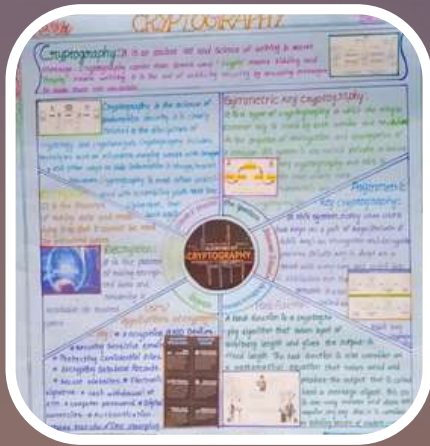
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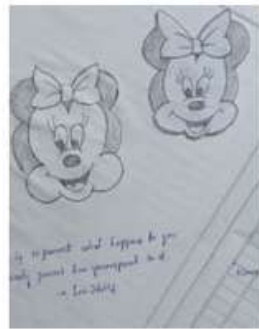
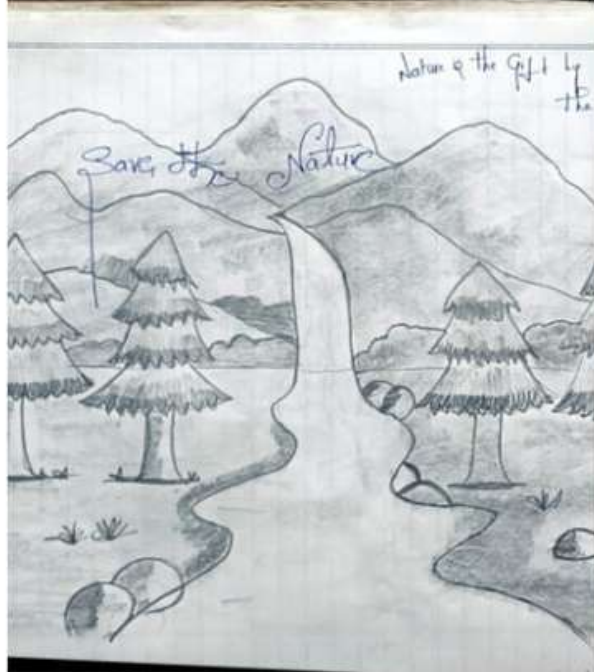
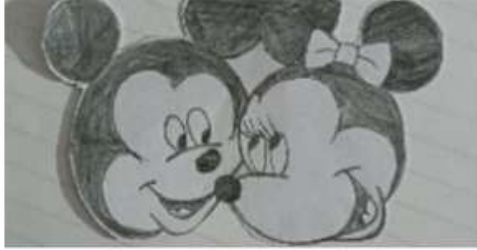


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QUOTATIONS

“

"I think everyone should get a little exposure to computer science because it really forces you to think in a slightly different way, and it's a skill that you can apply in life in general, whether you end up in computer science or not"

Sri SK. John Sydulu
(Assistant Professor)

“

" Coding, it's an endless process of trial and error, of trying to get the right command in the right place, with sometimes just a semicolon making the difference between success and failure. Code breaks and then it falls apart, and it often takes many, many tries until that magical moment when what you're trying to build comes to life"

Sri G. Bharath Kumar
(Assistant Professor)

“

"To Succeed in your mission you must have single-minded devotion to your goal"

Smt M. Asha Aruna Sheela
(Assistant Professor)

QUOTATIONS

“

If you fail, never give up because **FAIL** means "**First Attempt In Learning**". End is not the end, In fact **END** means "**Efforts Never Dies**".If you get No as an answer, remember N.O means "Next Opportunity ",So.let's be **POSITIVE**".

A. Ruchitha
(Y19CS1207)

“

శిక్షణ తీసుకోవడమే కాదు తక్షణ విజయాన్ని సాధించడమే CSE వాళ్ళ లక్షణం

K. Koteswara rao
(Y20CSE075)

“

Many of life's failures are people who did not realize how close they were to success when they gave up.

M. Sai Sindhu
(Y19CS1300)

“

As a person your not important but our work is very important. Don't take yourself serious ,take care your passion serious.

P.Raja Rajeswari
(Y19CS1332)

QUOTATIONS

“

Anger is not only the option to your haters, A big smile also gives us the victory...

J. Ajay Kumar
(Y19CS1258)

“

If you like me then raise your hands, and if not then raise your "STANDARD"

D. Gopi Krishna
(Y19CS1231)

“

The greatest discovery of all time is that a person can change his future by merely changing his attitude.

B. Susmitha
(Y19CS1211)

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